

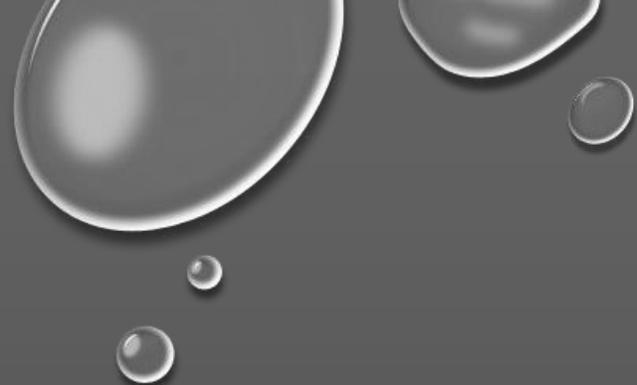
Nantucket! Take out your map and look at it. See what a real corner of the world it occupies; how it stands there, away off shore... The Nantucketer... There is his home; there lies his business, which a Noah's flood would not interrupt... -- Herman Melville, Moby Dick, 1851

RESILIENT NANTUCKET



- 1. Adams' Masses.
- 2. Pacific Nat. Bank.
- 3. Assembly.
- 4. Cable House.
- 5. Old Mill, South Side.
- 6. Cotton House, South Side.
- 7. Military Barracks.
- 8. Academy.
- 9. Great Point Light House.
- 10. North (Congregational) Church.
- 11. South (Catholic).
- 12. Methodist Episcopal.
- 13. Baptist.
- 14. Episcopal.
- 15. Pleasant St. Chapel.
- 16. Catholic.
- 17. School.
- 18. U. S. Life Saving Station.
- 19. Old Cemetery.
- 20. Water Works Reservoir.
- 21. Big Light House.
- 22. Street House, No. 41 West Pier.
- 23. Applefield House, A. H. Moorey Prop.
- 24. Hamilton House, T. W. Knole, Jr. Prop.
- 25. Bay View House.
- 26. American House, C. A. Morgan Prop.
- 27. Ocean View House, Thomas W. A. Chase Prop.
- 28. Atlantic Street, "Seaman".
- 29. School House, "Seaman".
- 30. Beach House, "Seaman" and Fire Hall.
- 31. Engine House.
- 32. Municipal Ward.
- 33. Civil Building, "Seaman".
- 34. Custom House.
- 35. Post Office.
- 36. "Seaman's" Office.
- 37. "Seaman's" Office.
- 38. "Seaman's" Office.
- 39. "Seaman's" Office.
- 40. "Seaman's" Office.
- 41. "Seaman's" Office.
- 42. "Seaman's" Office.
- 43. "Seaman's" Office.
- 44. "Seaman's" Office.
- 45. "Seaman's" Office.
- 46. "Seaman's" Office.
- 47. "Seaman's" Office.
- 48. "Seaman's" Office.
- 49. "Seaman's" Office.
- 50. "Seaman's" Office.





RESILIENT NANTUCKET

- WELCOME / INTRODUCTIONS
- RESILIENT NANTUCKET: REVIEW OF PREVIOUS PLANNING EFFORTS, MVP WORK & LOCAL INITIATIVES
- RESILIENT NANTUCKET: DESIGNED FOR ADAPTATION
 - PHASE I: A FLOOD RISK, RESPONSE AND RECOVERY PUBLIC AWARENESS PROGRAM
 - FEMA COMMUNITY FORUM & TOOLKIT
 - PHASE II: GUIDELINES FOR FLOODING ADAPTATION AND BUILDING ELEVATION FOR HISTORIC STRUCTURES AND STREETSAPES
 - COMMUNITY CHARRETTE
 - DRAFT GUIDELINES
 - PHASE III: PUBLIC FORUM ON DESIGNING FOR A MORE RESILIENT NANTUCKET
 - FINAL GUIDELINES PRESENTATION (NPT CONFERENCE)
- SCHEDULE
- COMMENTS / QUESTIONS

RESILIENT NANTUCKET

COMMUNITY VALUES

- PROTECT THE QUALITY OF RESIDENTIAL DISTRICTS OF NANTUCKET
- PROTECT OPEN SPACES AND NATURAL RESOURCES
- ENHANCE THE ABILITY OF NANTUCKET RESIDENTS TO LIVE AND WORK ON THE ISLAND
- **PROTECT THE HISTORICAL INTEGRITY OF THE LANDSCAPE AND BUILDINGS**
- MAINTAIN A STRONG, TOURISM-BASED ECONOMY
- MAINTAIN ACCESS TO BEACHES AND OPEN SPACE
- PROVIDE A HEALTHY ENVIRONMENT FOR ALL RESIDENTS.

NANTUCKET MASTER PLAN

PREPARED IN ACCORDANCE WITH
M.G.L. CH 41, SECTION 81D



APPROVED BY THE NANTUCKET PLANNING BOARD ON MARCH 30, 2009

REVIEWED FOR COMPLETENESS BY THE NANTUCKET PLANNING AND
ECONOMIC DEVELOPMENT COMMISSION ON MARCH 30, 2009

ACCEPTED BY THE TOWN OF NANTUCKET ON APRIL 6, 2009



RESILIENT NANTUCKET

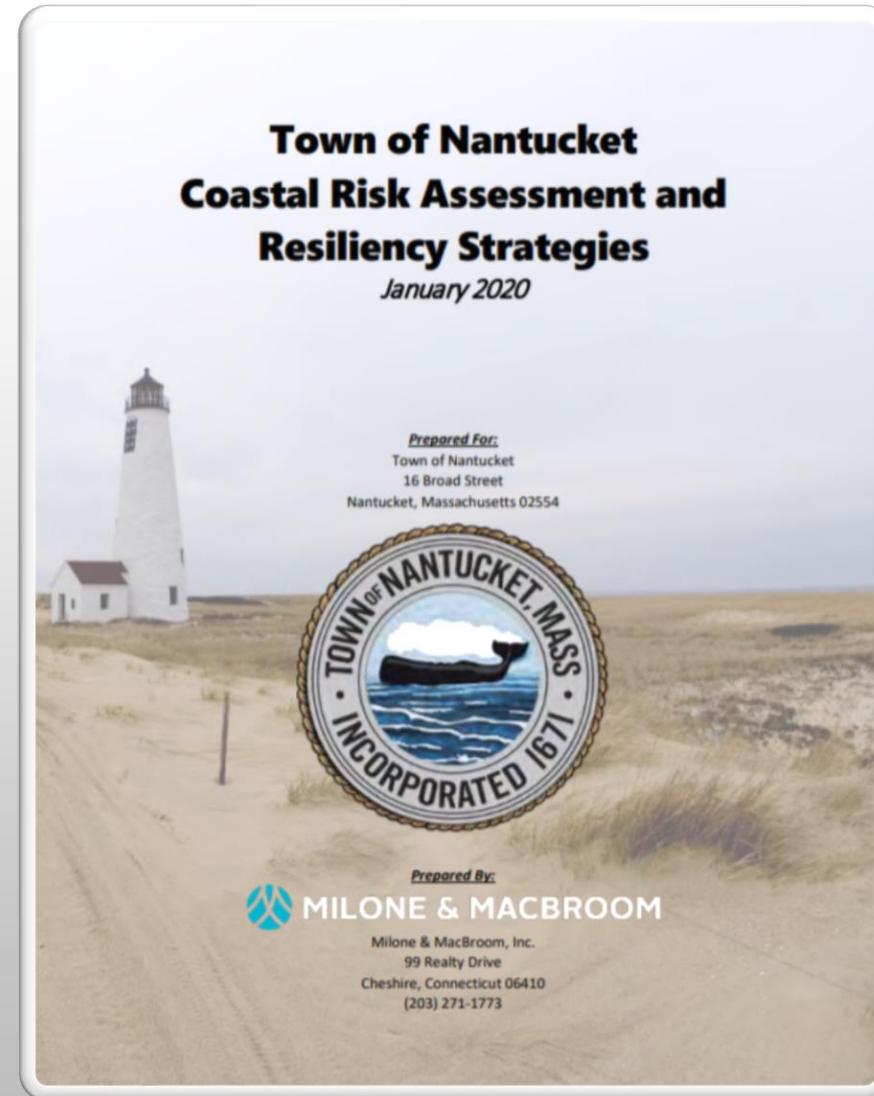
“BRANT POINT RESIDENTS AND THOSE WHO VISIT THE AREA FOR A FEW HOURS, A DAY, OR LONGER, VALUE THE **FEELING OF OPENNESS**, THE **PROXIMITY TO THE SHORE** AND THE **DOWNTOWN AREA**, AS WELL AS THE **MAGNIFICENT VIEWS** OF THE OUTER AND INNER HARBORS, THE CHANNEL, AND THE **APPROACH TO NANTUCKET** FROM CAPE COD. *THESE ARE THE QUALITIES THAT THE [BRANT POINT AREA PLAN] SEEKS TO PRESERVE....*”

- -- BRANT POINT AREA PLAN WORKING GROUP, 2013

RESILIENT NANTUCKET

RECOMMENDATION:

- DEVELOP GUIDELINES TO PRESERVE HISTORIC STREETSAPES WHILE MITIGATING HAZARDS.
- THESE GUIDELINES SHOULD PROVIDE INFORMATION SPECIFIC TO THE DIFFERENT AND UNIQUE TYPES OF HISTORIC RESOURCES FOUND ON NANTUCKET, AS WELL AS THE DIFFERENT AND UNIQUE HAZARD THREATS IN DIFFERENT AREAS OF THE ISLAND.



2019 WORKSHOP

KHAW: NANTUCKET



Keeping History Above Water: Nantucket - Community Values Survey

Nantucket Preservation Trust is partnering with the Preservation Institute: Nantucket, the Town of Nantucket and ReMain Nantucket to engage community members in a dialogue on the issue of community resilience, sea level rise and the future impact of flooding on historic places on Nantucket. The results of this survey will be presented at the "Keeping History Above Water: Nantucket" conference slated for June 27-28, 2019. The conference will reaffirm the importance of Nantucket's National Historic Landmark District and highlight the Town of Nantucket's planning efforts. Understanding what places matter to Nantucket residents, visitors and building owners, will better inform citizens on ways to support the Town and partnering cultural institutions in adapting Nantucket's "irreplaceable" historic and economic assets to future conditions.

153 Respondents

KHAW: NANTUCKET

Do you carry flood insurance?

- **Yes – 32%**
- **No – 68%**

KHAW: NANTUCKET

How to increase public awareness on flood risks & adaptation strategies.

- **Develop and distribute design guidance – 81%**
- **Lead a community design workshop – 66%**
- **Educate residents re: financial & insurance implications – 65%**
- **Educate home buyers & real estate professionals – 64%**
- **Collect data on economic impact of flooding / SLR – 55%**

KHAW: NANTUCKET

Town should develop/share tools for minimizing flood risk.

- **Partner with experts to identify cost effective adaptation actions – 85%**
- **Develop a “how-to” workbook on adaptation – 69%**
- **Complete a 3-D laser-scanning project – 64%**

KHAW: NANTUCKET

Buildings, sites or viewsheds you'd like to see protected against flooding disasters.

1. Whaling Museum
2. Brant Point Lighthouse
3. Straight Wharf
4. Old North Wharf
5. Pacific Club
6. Coast Guard Station
7. Washington Street
8. Easy Street
9. Dreamland
10. Commercial Wharf



KHAW: NANTUCKET



Integrating Historic Property and Cultural Resource Considerations Into Hazard Mitigation Planning

State and Local Mitigation Planning How-To Guide

FEMA 386-6 / May 2005



ADAPTATION STRATEGIES

ALTERNATIVE APPROACHES TO REDUCE HAZARD-RELATED LOSSES TO HISTORIC PROPERTIES AND CULTURAL RESOURCES INCLUDE:

- ❖ Prevention (Planning, Regulations)
- ❖ Property and Resource Protection (Floodproofing)
- ❖ Structural Diversions (Seawalls)
- ❖ Public Education and Awareness
- ❖ Natural resource protection for historic landscape features and archaeological sites

No. 2749



RESILIENT NANTUCKET: DESIGNED FOR ADAPTATION

NANTUCKET ISLAND HAS LONG LOOKED TO THE OCEAN TO DETERMINE ITS FUTURE. FROM FISHING VILLAGE TO INTERNATIONAL WHALING PORT TO BELOVED SEASIDE ESCAPE, THE WATERS THAT SURROUND NANTUCKET HAVE ALWAYS INSPIRED.

A NATIONAL HISTORIC LANDMARK WITH MORE THAN 800 PRE-CIVIL WAR ERA HISTORIC STRUCTURES, NANTUCKET IS ONE OF THE COUNTLESS COASTAL COMMUNITIES WHO NOW MUST RETHINK ITS RELATIONSHIP WITH THE SEA.

RESILIENT NANTUCKET: DESIGNED FOR ADAPTATION

THE CRAIG GROUP, THOMASON & ASSOCIATES AND PRESERVATION INSTITUTE NANTUCKET ARE ASSISTING THE TOWN OF NANTUCKET THROUGH A MASSACHUSETTS MUNICIPAL VULNERABILITY PREPAREDNESS (MVP) GRANT TO DEVELOP A PUBLIC AWARENESS TOOLKIT ON ADAPTATION STRATEGIES FOR PRIVATE PROPERTY OWNERS AND DESIGN GUIDELINES FOR THE TOWN OF NANTUCKET'S NATIONAL HISTORIC LANDMARK DISTRICT.



THE CRAIG GROUP

Your partners in preservation, planning and policy



Preservation Institute:
Nantucket



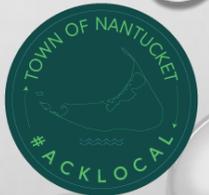


RESILIENT NANTUCKET: DESIGNED FOR ADAPTATION

**RESILIENT NANTUCKET BUILDS UPON
AND INTEGRATES WITH SEVERAL LOCAL
INITIATIVES ALREADY UNDERWAY:**

**#ACKLOCAL, THE TOWN'S PLATFORM
FOR COORDINATING AND ADVANCING
SUSTAINABLE PRACTICES AND**

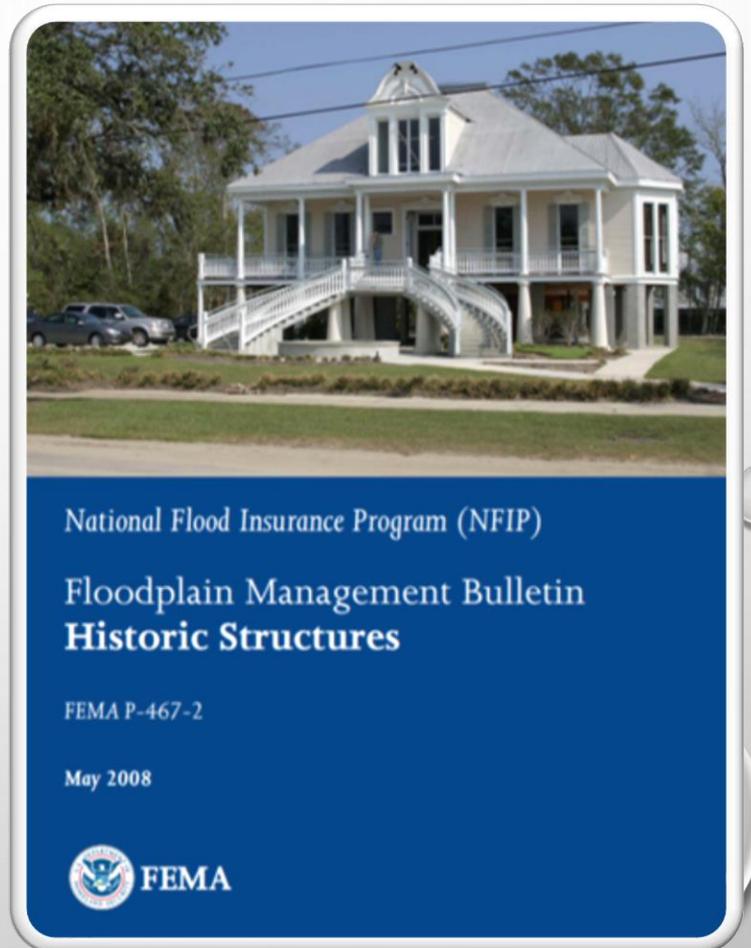
**ACKCLIMATE – A MULTI-
ORGANIZATION PARTNERSHIP
DEDICATED TO ADAPTING NANTUCKET
TO A CHANGING CLIMATE AND RISING
SEAS THROUGH LOCAL AND GLOBAL
ENGAGEMENT**



RESILIENT NANTUCKET: DESIGNED FOR ADAPTATION PHASE I

COMMUNITY FORUM I

- FEMA WORKSHOP ON FLOOD RISK AND FLOOD INSURANCE
- PRESENTATION OF NANTUCKET DIGITAL TOOLKIT
 - RESOURCES ON FLOOD RISK, FLOOD INSURANCE, FLOOD PREPAREDNESS, FLOOD RECOVERY AND ADAPTATION ALTERNATIVES ALONG WITH EMERGENCY MANAGEMENT CONTACTS AND OTHER RELEVANT DISASTER RESPONSE, RECOVERY AND FLOODING ADAPTATION MATERIALS.
- DATE: MARCH 26 (AFTERNOON / EVENING)



RESILIENT NANTUCKET: DESIGNED FOR ADAPTATION PHASE II

GUIDELINES FOR FLOODING ADAPTATION AND BUILDING ELEVATION DESIGN FOR HISTORIC STRUCTURES AND STREETSAPES

- **COMMUNITY CHARRETTE** SHOWCASING EXPERTS IN STRUCTURAL AND NON-STRUCTURAL FLOODPROOFING FOR HISTORIC COMMUNITIES.
 - FACILITATED COMMUNITY ROUNDTABLE INVOLVING A STRUCTURED SERIES OF DESIGN EXERCISES TO REACH CONSENSUS ON DESIGN SOLUTIONS THAT CAN BEST PROTECT THE HISTORIC CHARACTER OF THE ISLAND AND INDIVIDUAL PROPERTIES.
 - DATE: MAY 28
- **WORKING DRAFT OF THE DESIGN GUIDELINES FOR TOWN REVIEW.**

Elevation Guidelines—Overall Approach Low Elevation



YES: Porch columns and brick foundation piers align.

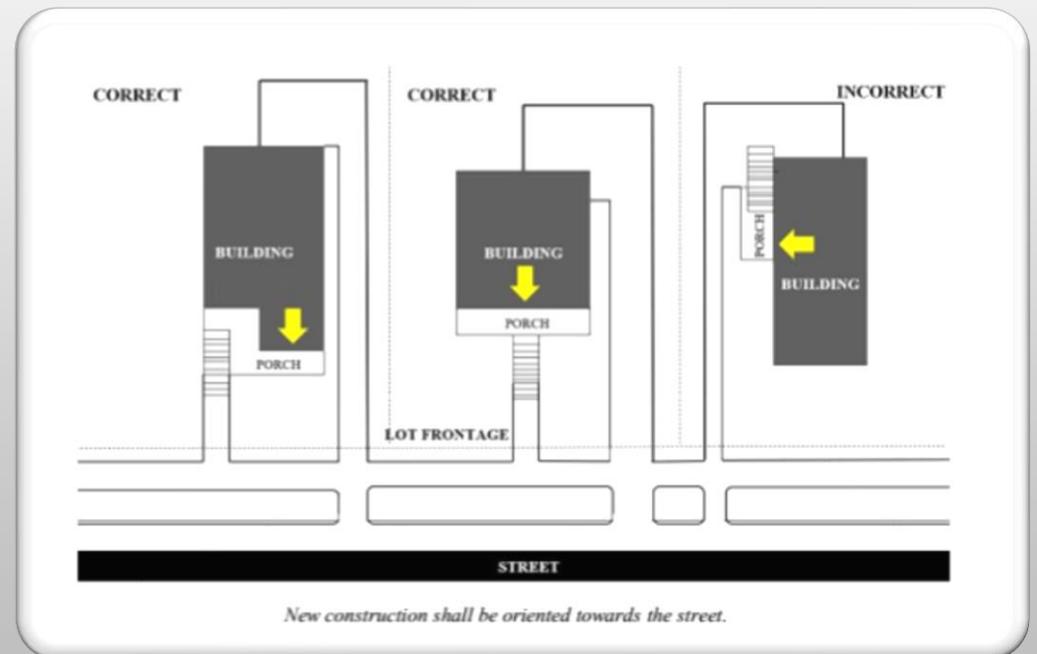
YES: Wide fascia board divides porch and piers.

YES: Stair railing ends at level of original porch.

YES: Brick stairs match brick piers.

RESILIENT NANTUCKET: DESIGNED FOR ADAPTATION – DESIGN GUIDELINES

- **COMMUNITY-SPECIFIC APPROACH** – PHOTOGRAPHS OF EXISTING CHARACTER WITHIN THE COMMUNITY. NOTE WILL BE GIVEN TO STYLES, DETAILS AND STREETSAPES WHICH ARE DEFINING FEATURES.
- **CLIMATE IMPACT** – ADDRESS CURRENT APPROACHES TO DESIGN REVIEW AND ELEVATING AND “HARDENING” HISTORIC PROPERTIES. ENCOURAGE FLEXIBILITY IN THE APPLICATION OF THE GUIDELINES.
- **NEW CONSTRUCTION** – EXAMINE THE POTENTIAL FOR NEW CONSTRUCTION, ESTABLISHING PARAMETERS FOR ELEVATED NEW CONSTRUCTION
- **“USER-FRIENDLY FORMAT”** – INCORPORATING PHOTOGRAPHS AND DRAWINGS SPECIFIC TO NANTUCKET’S HISTORIC PROPERTIES.



RESILIENT NANTUCKET: DESIGNED FOR ADAPTATION PHASE II & III - DESIGN GUIDELINES

COMMUNITY FORUM II: PRESENTATION AND DIALOGUE WITH THE COMMUNITY ON DRAFT RESILIENT NANTUCKET DESIGN GUIDELINES.

COMMUNITY FORUM III: THE FINAL COMMUNITY FORUM WILL BE INCORPORATED INTO THE NANTUCKET PRESERVATION TRUST ANNUAL CONFERENCE TO CONTINUE BUILDING PUBLIC AWARENESS REGARDING FLOOD RISK AND FLOOD ADAPTATION STRATEGIES, TO PRESENT THE FINAL DESIGN GUIDELINES AND TO REPRESENT A MODEL FOR OTHER HISTORIC COASTAL COMMUNITIES ON HOW TO DEVELOP ADAPTATION & ELEVATION DESIGN GUIDELINES.





RESILIENT NANTUCKET: DESIGNED FOR ADAPTATION

SCHEDULE

- MARCH 26 – COMMUNITY FORUM I - FEMA WORKSHOP
- MAY 28 – DESIGN GUIDELINES CHARRETTE
- TBD – COMMUNITY FORUM II
- JUNE 26 – COMMUNITY FORUM III (NPT CONFERENCE)



RESILIENT NANTUCKET: DESIGNED FOR ADAPTATION COMMENTS OR QUESTIONS?

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RESILIENCY WEBSITE – WWW.RESILIENTACK.ORG