

# COASTAL RESILIENCE AND THE LAND BANK



# NANTUCKET ISLANDS LAND BANK



- Initiated by Planning Board
- Formed in 1983 by a vote at Town Meeting
- Approved through the State Legislature
- Land Bank Act (Chapter 669)
- Acquiring, Holding and Managing Land
- Conservation, Recreation, Agriculture

# NANTUCKET ISLANDS LAND BANK



- Entirely Independent from the Town
- Governed by a 5 Member Elected Commission
- Holdings and Debt Revert to the Town in the Event the Land Bank Ceases to Exist

# NANTUCKET ISLANDS LAND BANK



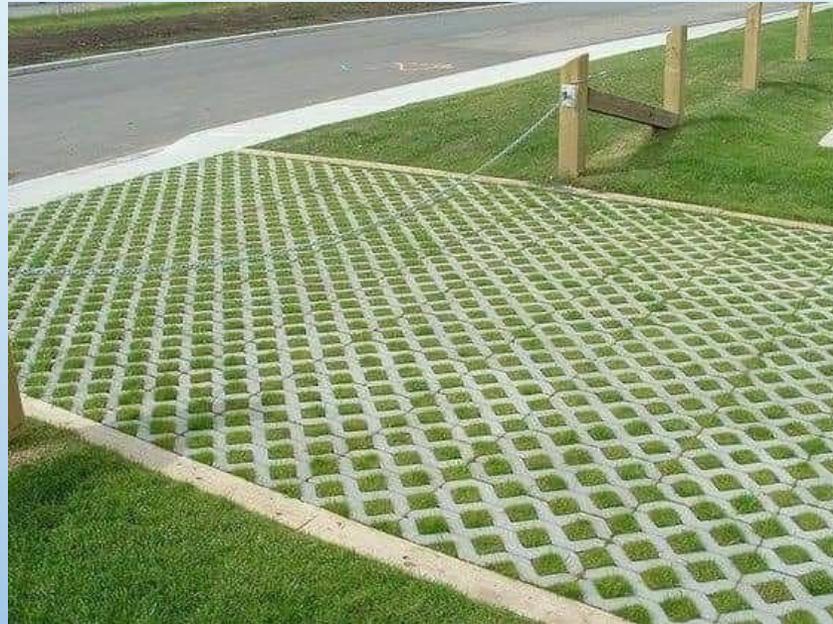
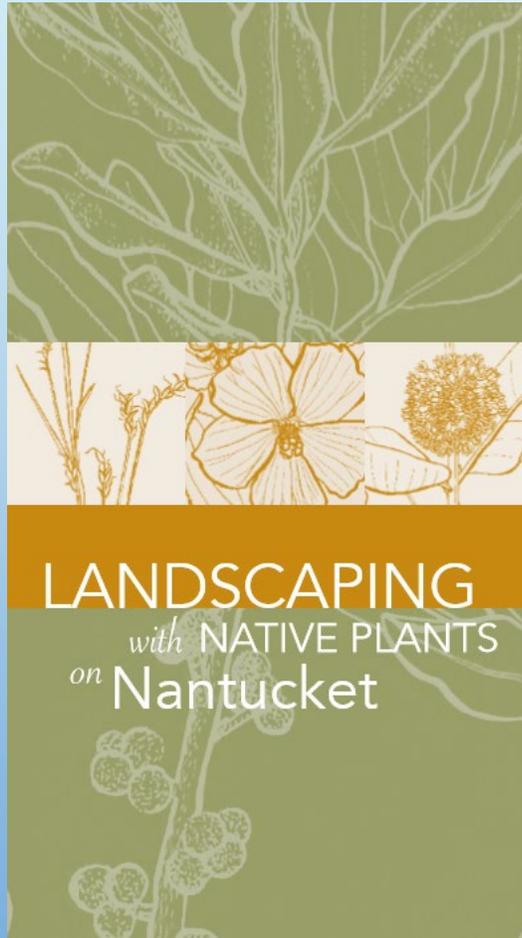
- Executive Office of Energy and Environmental Affairs
  - Section 6 Approval
- Article 97
  - 2/3 Vote of State Legislature for Change of Use or Disposal of Land

# ADAPTATION

“The process of adjustment to actual or expected climate and its effects.” - IPCC



# ADAPTATION





# MITIGATION



“Efforts to reduce or prevent emission of greenhouse gases.” –UNEP



The image features a light blue gradient background with several realistic water droplets of various sizes scattered in the corners. The droplets have highlights and shadows, giving them a three-dimensional appearance. The text is centered in the middle of the page.

**WHAT ARE OUR VULNERABLE AREAS?**

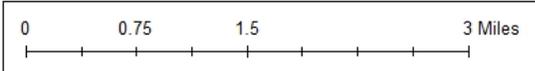
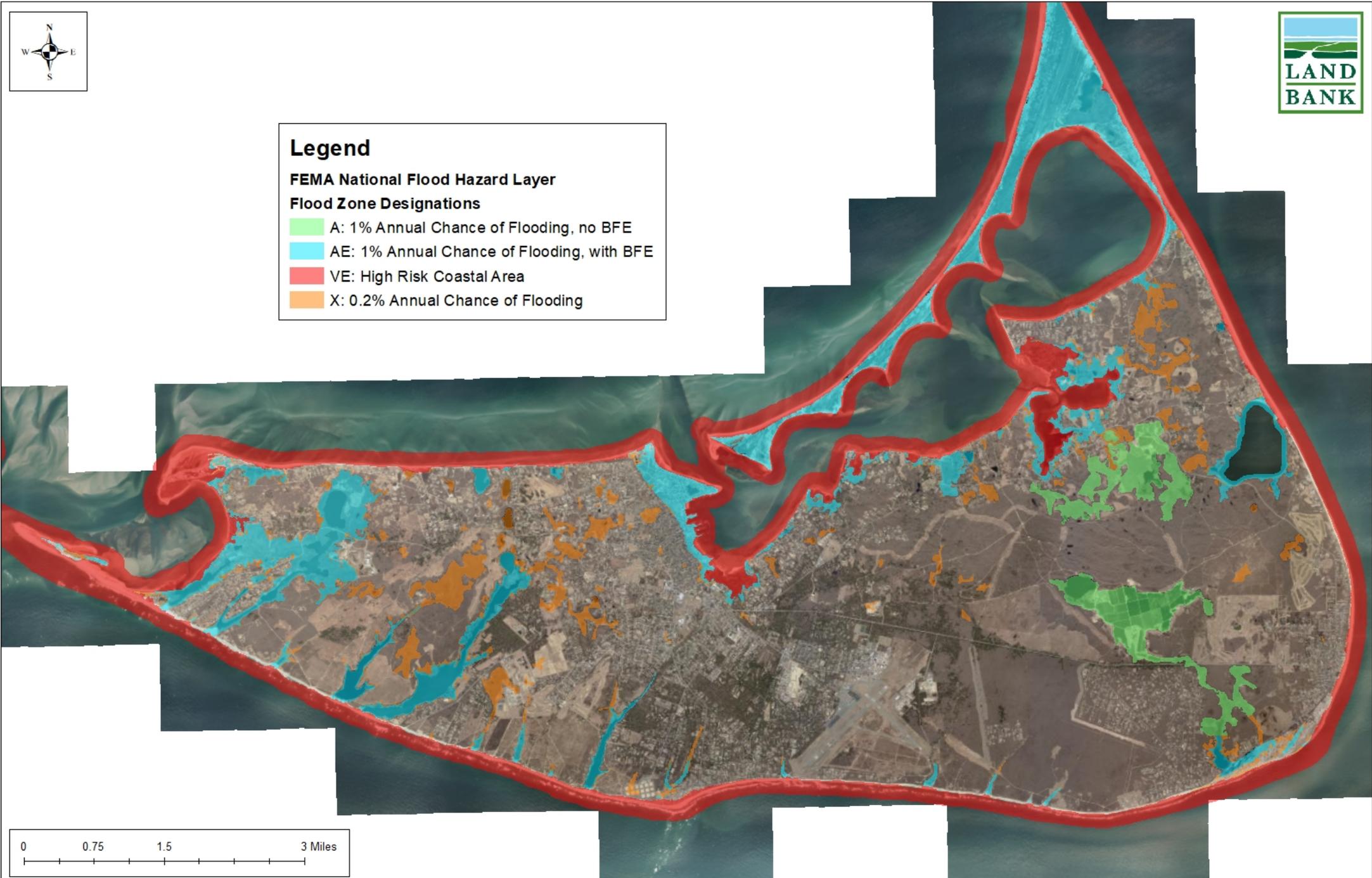


**Legend**

**FEMA National Flood Hazard Layer**

**Flood Zone Designations**

- A: 1% Annual Chance of Flooding, no BFE
- AE: 1% Annual Chance of Flooding, with BFE
- VE: High Risk Coastal Area
- X: 0.2% Annual Chance of Flooding





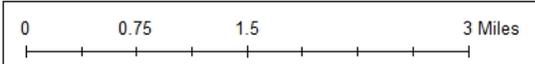
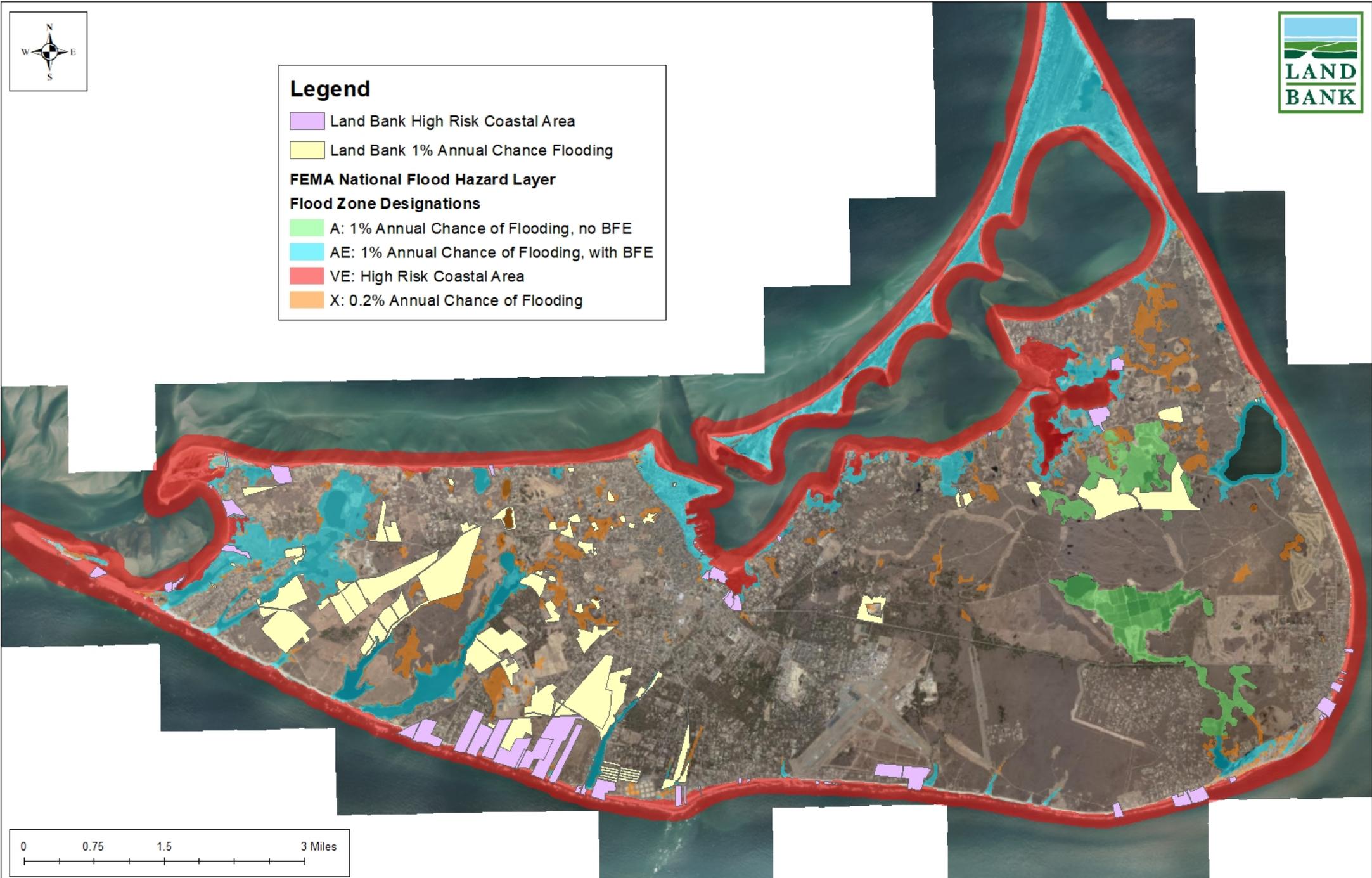
**Legend**

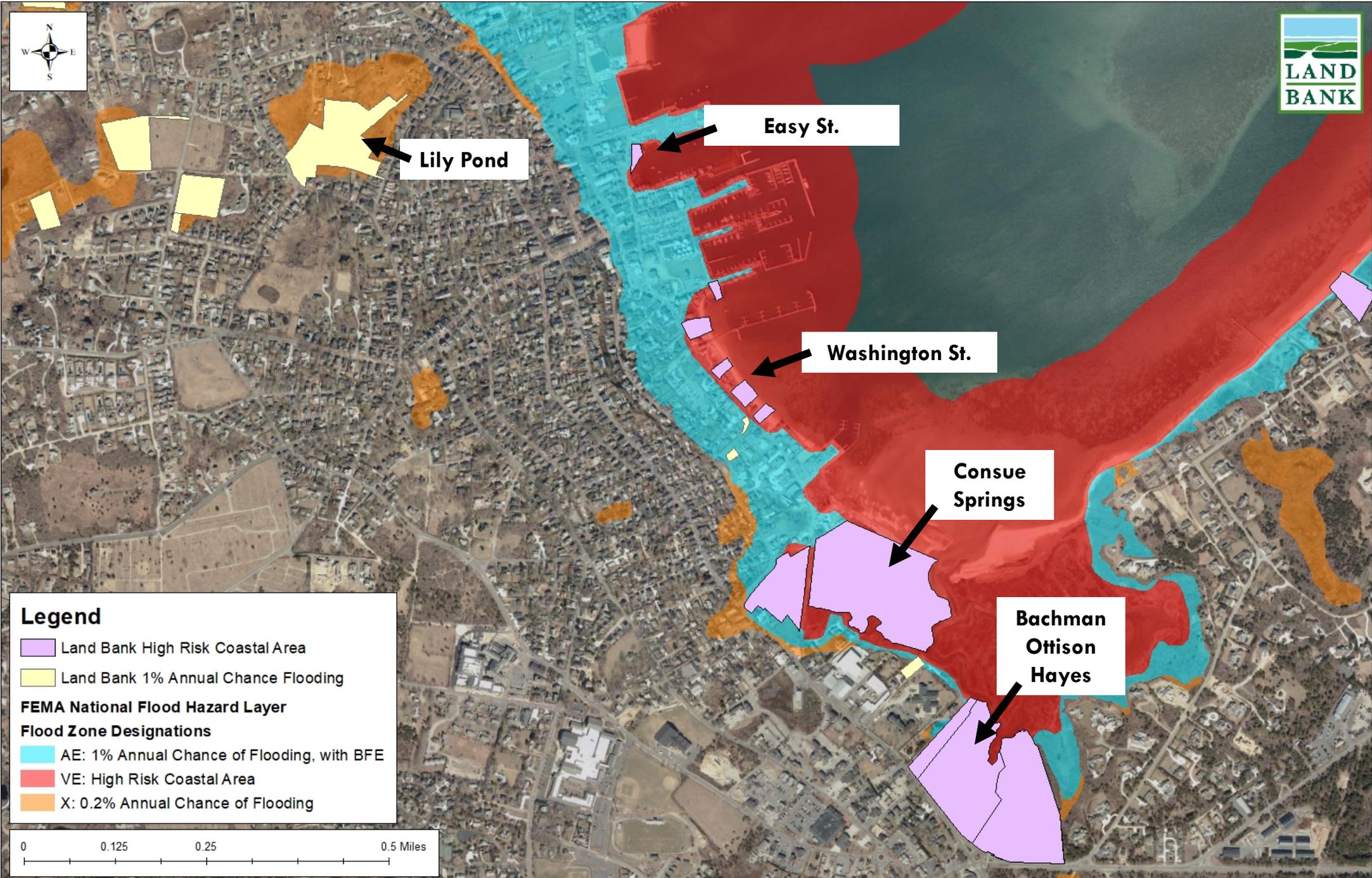
- Land Bank High Risk Coastal Area
- Land Bank 1% Annual Chance Flooding

**FEMA National Flood Hazard Layer**

**Flood Zone Designations**

- A: 1% Annual Chance of Flooding, no BFE
- AE: 1% Annual Chance of Flooding, with BFE
- VE: High Risk Coastal Area
- X: 0.2% Annual Chance of Flooding



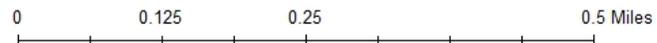


**Legend**

-  Land Bank High Risk Coastal Area
-  Land Bank 1% Annual Chance Flooding

**FEMA National Flood Hazard Layer  
Flood Zone Designations**

-  AE: 1% Annual Chance of Flooding, with BFE
-  VE: High Risk Coastal Area
-  X: 0.2% Annual Chance of Flooding



# COASTAL RESILIENCE & THE LAND BANK

How does this impact:

- Our property acquisition decisions?
- How we manage our existing properties?
- What kinds of projects we undertake?



# EASY STREET





Screening Shrubs

Shrubs Under Four Feet

Drifts of Grasses, Bulbs and Perennials

Honey Locust Shade Trees

Easy Street

[O:\LANDBANK\PROPERTIES\Smooth Hummocks \(all parcels\)\VIDEO FOOTAGE\Land Bank 2020 DJI\\_0499.mp4](O:\LANDBANK\PROPERTIES\Smooth Hummocks (all parcels)\VIDEO FOOTAGE\Land Bank 2020 DJI_0499.mp4)

# RESOURCES

- [HTTPS://WWW.NANTUCKET-MA.GOV/DOCUMENTCENTER/VIEW/35045/COASTAL-RISK-ASSESSMENT-AND-RESILIENCY-STRATEGIES-REPORT-JANUARY-2020-PDF](https://www.nantucket-ma.gov/documentcenter/view/35045/coastal-risk-assessment-and-resiliency-strategies-report-january-2020-pdf)
- [HTTPS://NANTUCKET-MA.GOV/DOCUMENTCENTER/VIEW/29062/COASTAL-RESILIENCE-METHODS-CRAC-10-1-19](https://nantucket-ma.gov/documentcenter/view/29062/coastal-resilience-methods-crac-10-1-19)
- [HTTPS://DCP.UFL.EDU/HISTORIC-PRESERVATION/WP-CONTENT/UPLOADS/SITES/14/2019/06/RESILIENT-NANTUCKET-REPORT-WITH-SLR-VISUALIZATIONS.PDF](https://dcp.ufl.edu/historic-preservation/wp-content/uploads/sites/14/2019/06/resilient-nantucket-report-with-slr-visualizations.pdf)
- [HTTPS://MASS-EOEEA.MAPS.ARCGIS.COM/APPS/MAPSERIES/INDEX.HTML?APPID=BE25F9B2019A4F9D86605F1B89E82C9E](https://mass-oeea.maps.arcgis.com/apps/mapseries/index.html?appid=be25f9b2019a4f9d86605f1b89e82c9e)