

Maps of Water Use Categories

Boundary Line Designations

The following boundary line designations describe those points along the coastline where one water use type changes to another. Each mapped boundary is coded by letter on each quadrangle map to a verbal description as listed below. Except where otherwise noted, the water use classifications along any shoreline reach and between any two boundary line designations run parallel to the general coastal trend and extend 500 feet seaward from the mean high water mark. All water areas within the bounds of channel markers as depicted on U.S. Department of Commerce Nautical Charts #13221 and #13205 (1978) are considered navigation channels, and are classified as type 3, 4, 5, or 6 waters, as appropriate.

Legend



Water use category

- Type 1 Conservation areas (Section 200.1)
- Type 2 Low-intensity use (Section 200.2)
- Type 3 High-intensity boating (Section 200.3)
- Type 4 Multipurpose waters (Section 200.4)
- Type 5 Commercial and Recreational harbors (Section 200.5)
- Type 6 Industrial waterfronts and Commercial navigation channels (Section 200.6)

D



Boundary between water use categories



Coastal wetland in Type 3, 4, 5, and 6 waters designated d for preservation (Section 210.3)



Boundary of barrier islands (Section 210.2 and Table 4)

- D developed barrier
- M moderately developed barrier
- U undeveloped barrier



Erosion-prone area requiring additional setbacks for selected structures (Section 140)

- (A) 75-foot setback
- (B) 120-foot setback
- (C) 150-foot setback
- (D) 180-foot setback

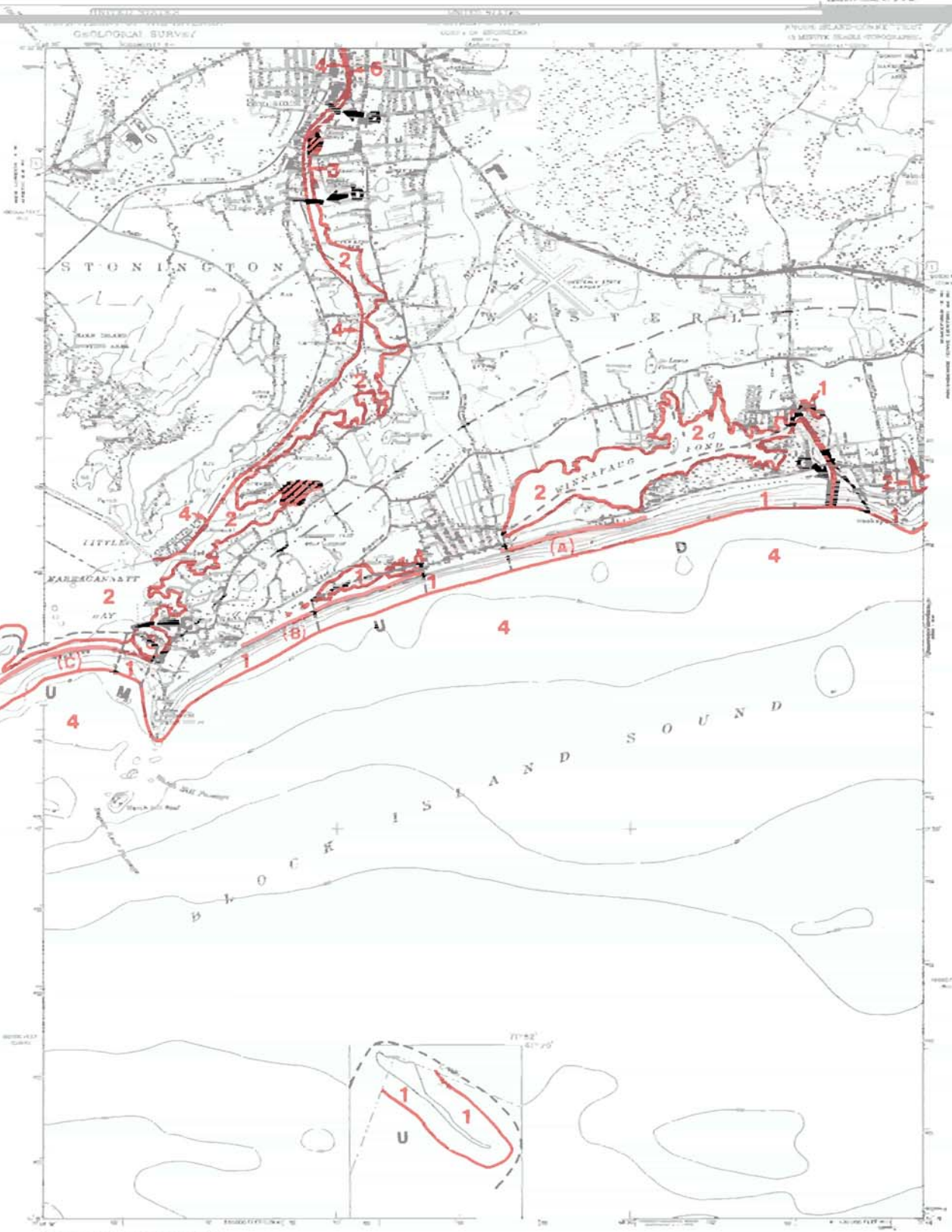


Watershed of poorly-flushed estuaries where the review of proposed subdivisions is required (Section 320)

Watch Hill Quadrangle

- a** A straight line extension of the northern boundary of Viking Marina.
- b** A straight line extension of the south side of the industrially zoned area.
- c** A straight line across the entrance to Watch Hill Cove from an extension of the western side of Meadow Lane to the tip of the jetty on the north side of Napatree Beach.
- d** Straight line extensions of the outsides of each of the two jetties at the breachway entrance to Winnipaug Pond.

Revise Type 6 Waters north of line "a" to Type 5



Map published and published by the Hydrographic Survey, U.S. Navy, and U.S. Coast and Geodetic Survey. The chart is based on the latest available data, and is subject to change without notice. The chart is published by the Hydrographic Survey, U.S. Navy, and U.S. Coast and Geodetic Survey.



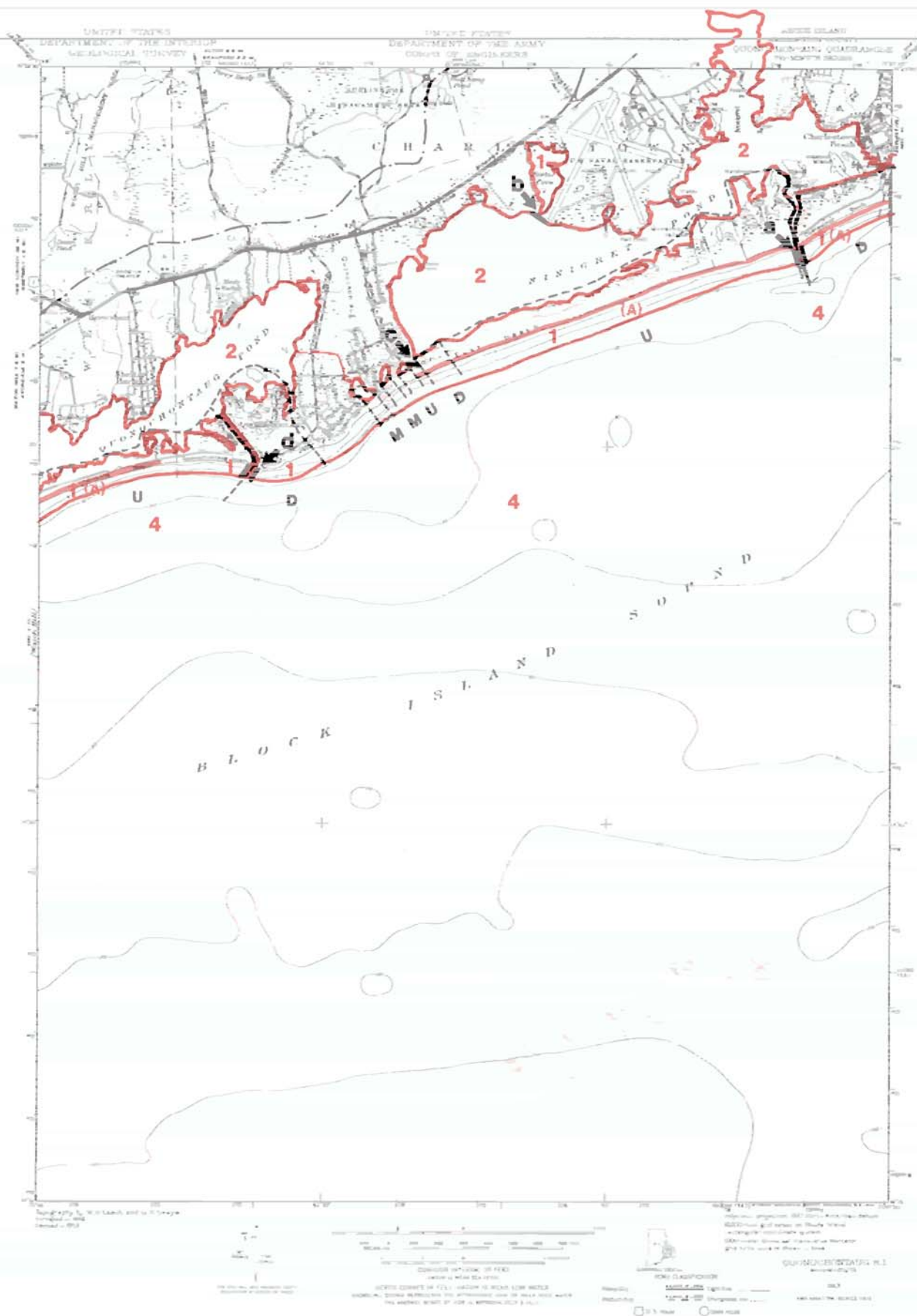
WATER HILL, U.S. COAST AND GEODETIC SURVEY, U.S. NAVY. The chart is based on the latest available data, and is subject to change without notice. The chart is published by the Hydrographic Survey, U.S. Navy, and U.S. Coast and Geodetic Survey.

THIS MAP IS NOT TO BE USED FOR ANY OTHER PURPOSE THAN THAT FOR WHICH IT WAS DESIGNED. THE U.S. NAVY AND U.S. COAST AND GEODETIC SURVEY ARE NOT RESPONSIBLE FOR ANY LOSS OR DAMAGE TO ANY VESSEL OR PERSONS ON BOARD.

1:10,000

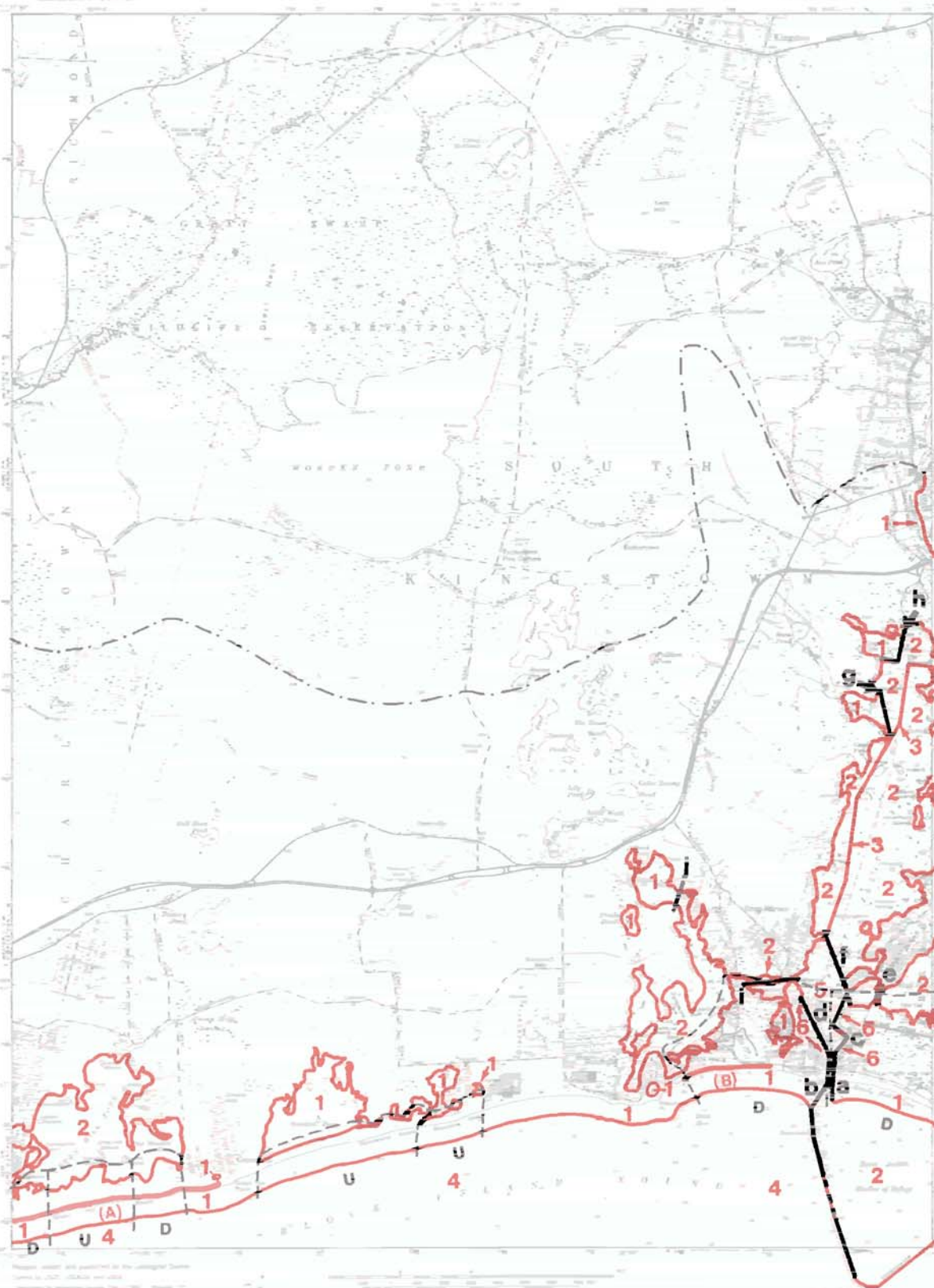
Quonochontaug Quadrangle

- a** Straight line extensions of the outsides of each of the two jetties at the breachway entrance to Ninigret Pond.
- b** A straight line along the Ninigret Pond shoreline across the entrance to Foster Cove.
- c** A straight line along the west side of East Beach Road.
- d** Straight line extensions of the outsides of each of the two jetties at the breachway entrance to Quonochontaug Pond.



Kingston Quadrangle

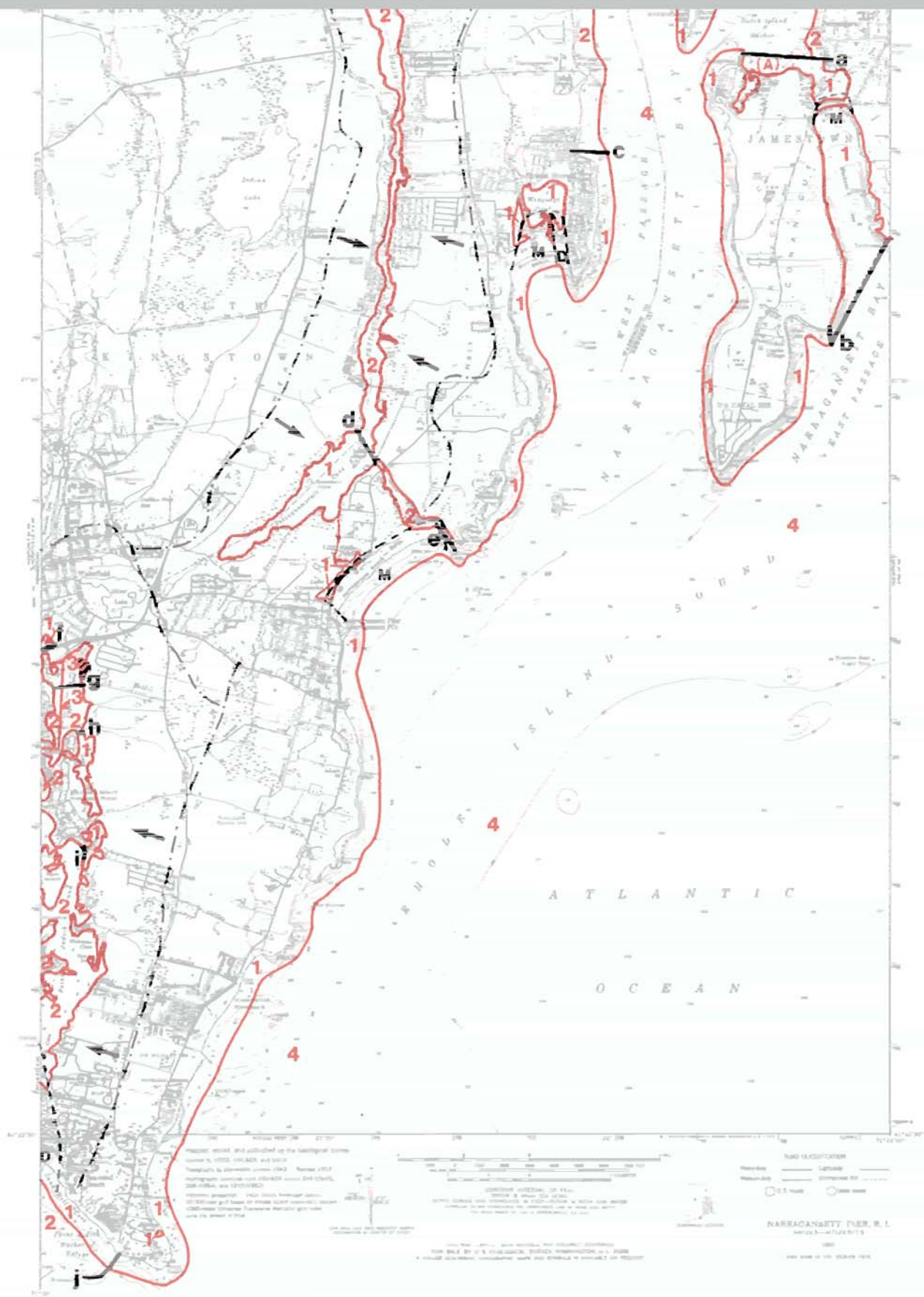
- a** A straight line running south along the outside of the eastern jetty at the Point Judith Pond breachway.
- b** A line running generally southerly, following the outside of the western jetty and breakwater at the Point Judith Pond breachway and Harbor of Refuge.
- c** A straight line running generally north along the eastern side of the Point Judith Pond breachway, and extending into pond waters to a point where a perpendicular with the Port of Galilee bulkhead is a distance of 200 feet; thence turning generally northeasterly, then generally northwesterly, then generally northeasterly again, paralleling and maintaining the 200 foot distance from the bulkhead, to a point northwest of the northwest corner of the Galilee bulkhead; thence turning an angle generally to the southeast and running until it connects to the northwest corner of the Galilee bulkhead.
- d** A straight line running generally north along the western side of the Point Judith Pond breachway, and extending into pond waters to a point where a perpendicular with the Jerusalem shoreline is a distance of 200 feet. Thence turning generally north-northwesterly, maintaining the 200-foot distance from the shoreline, and extending to the end of state property. Thence turning a right angle to the west and running until it connects to the shoreline.
- e** A line along the eastern side of the bridge between Galilee and Great Island.
- f** A straight line running from the most western tip of Little Comfort Island to the most eastern tip of High Point.
- g** A straight line across Smelt Brook Cove from the eastern tip of Buttonwoods Point to the eastern tip of Crown Point.
- h** A line across Congdon Cove from the southern tip of the peninsula on the west side of Billington Cove to the southeastern tip of Cummock Island; thence turning due westerly until it touches the mainland on the south side of Congdon Cove.
- i** A straight line running generally westerly from the border between the RL80 and open-space zones on Gooseberry Island to the border between the open-space and commercial zones south of the Kenport Marina.
- j** A straight line running from a southern tip of land now or formerly of Collins/Bassett/Murray to the most easterly side of a small salt marsh on land now or formerly of Woodcock/Roberton/McCall.



WILSON, M. J.
1997. *Journal of the American Water Resources Association* 33: 1-10.

Narragansett Pier Quadrangle

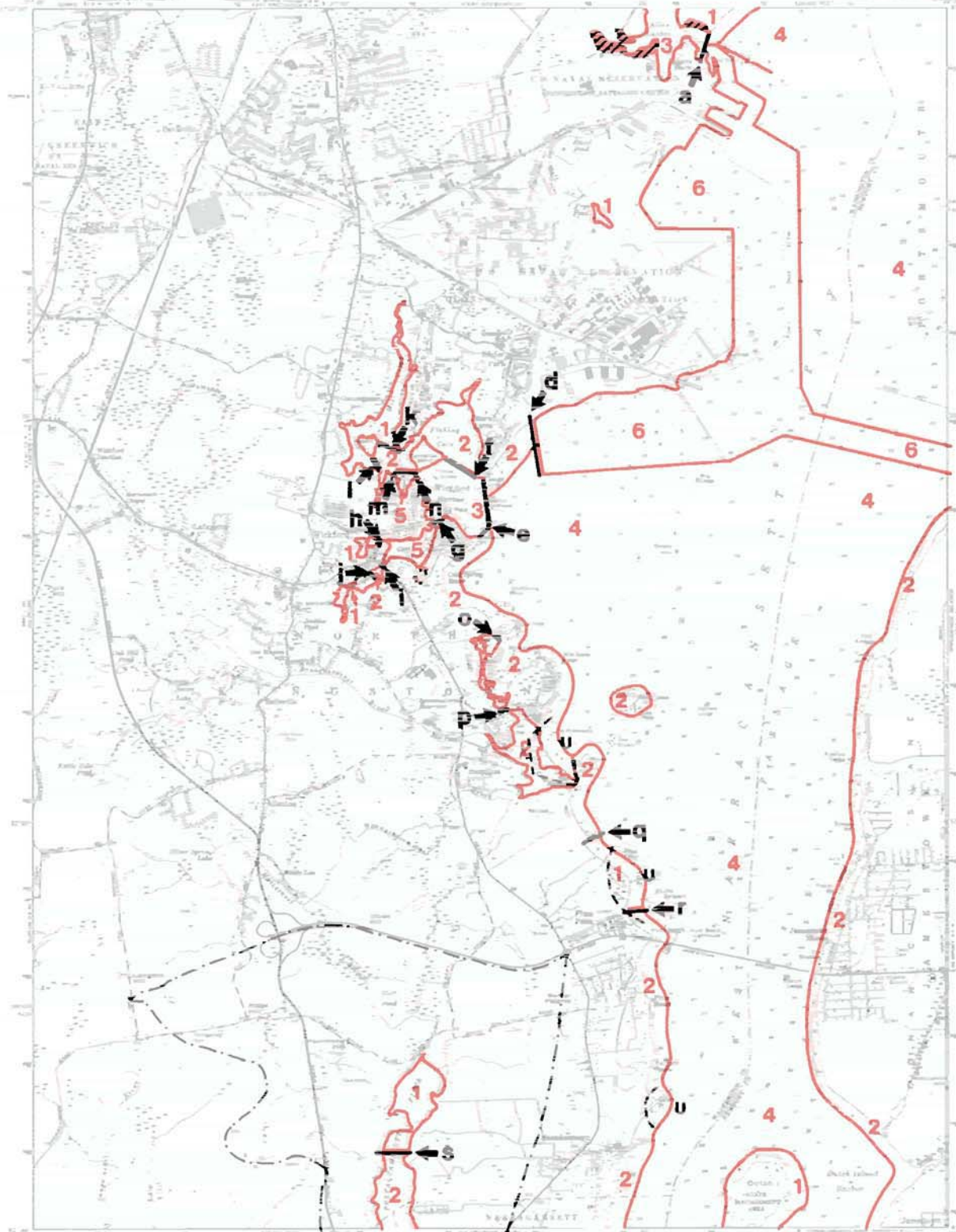
- a** A straight line from the southern end of Maple Avenue to the end of the large wharf at Beaverhead.
- b** A straight line from Southwest Point to the tip of Shore Point.
- c** A straight line extension of the south side of Bonnet Shores Road.
- d** A straight line across the entrance to Pettaquamscutt Cove from the northernmost tip of land at Little Neck West of the Sprague Bridge, thence generally northwesterly, touching the northeastern border of the wetland called "sedge beds", thence continuing straight to where it meets land on the northern part of the cove entrance.
- e** A straight line across the entrance to the Narrow River from the south side of Clump Rocks to the tip of the Narragansett Beach barrier spit.
- f** A line across the northernmost side of the Route 1 bridge.
- g** A straight line running from west to east through the center of Nun buoy #24.
- h** A straight line across the inlet to Long Cove at its most narrow point.
- i** A straight line across the inlet to Champlin Cove from the tip of Cedar Point to the southernmost point on Harbor Island.
- j** A line along the outside of the Harbor of Refuge breakwater.



Wickford Quadrangle

southeasterly to where it meets the opposite shore on Little Tree Point.

- a** A line along the east bulkhead wall in the small embayment on the south side of the Allen Harbor entrance channel to where it meets the opposite shore.
- b,c** Boundaries were removed prior to Program adoption.
- d** A straight line extension from the end of the fence separating former Navy lands from private lands, extending offshore 2,000 feet, then turning generally easterly and running to a point where it meets the southern side of the Navy channel.
- e** A line along the western side of the breakwater from Sauga Point, running across the entrance channel to Wickford Harbor and along the western side of the breakwater from Poplar Point.
- f** A straight line from the base of the breakwater at Sauga Point to the eastern tip of Cornelius Island.
- g** A straight line across the entrance to Wickford Cove from the tip of Big Rock Point to the tip of the northern peninsula at the end of West Main Street.
- h** A line along the western side of the bridge on Brown Street.
- i** A line along the south side of Hussey Bridge.
- j** A straight line across the southwestern side of the old railroad causeway.
- k** A straight line from the northeast side of Rabbit Island to the tip of Calf Neck.
- l** A straight line from the southern tip of Rabbit Island to the western side of the launching ramp at Long Point.
- m** A straight line extension of the northeast side of Enfield Avenue.
- n** A straight line extension of Pleasant Street
- o** A straight line across the entrance to Duck Cove at its narrowest point from the northern side of the small peninsula, running generally
- p** A straight line along the north side of Waldron Avenue.
- q** A straight line along the south side of the industrially zoned land.
- r** A straight line extension of the boundary between the RL and RH zones.
- s** A straight line extension of the southern border of the open-space zone on the east side of the Pettaquamscutt River.

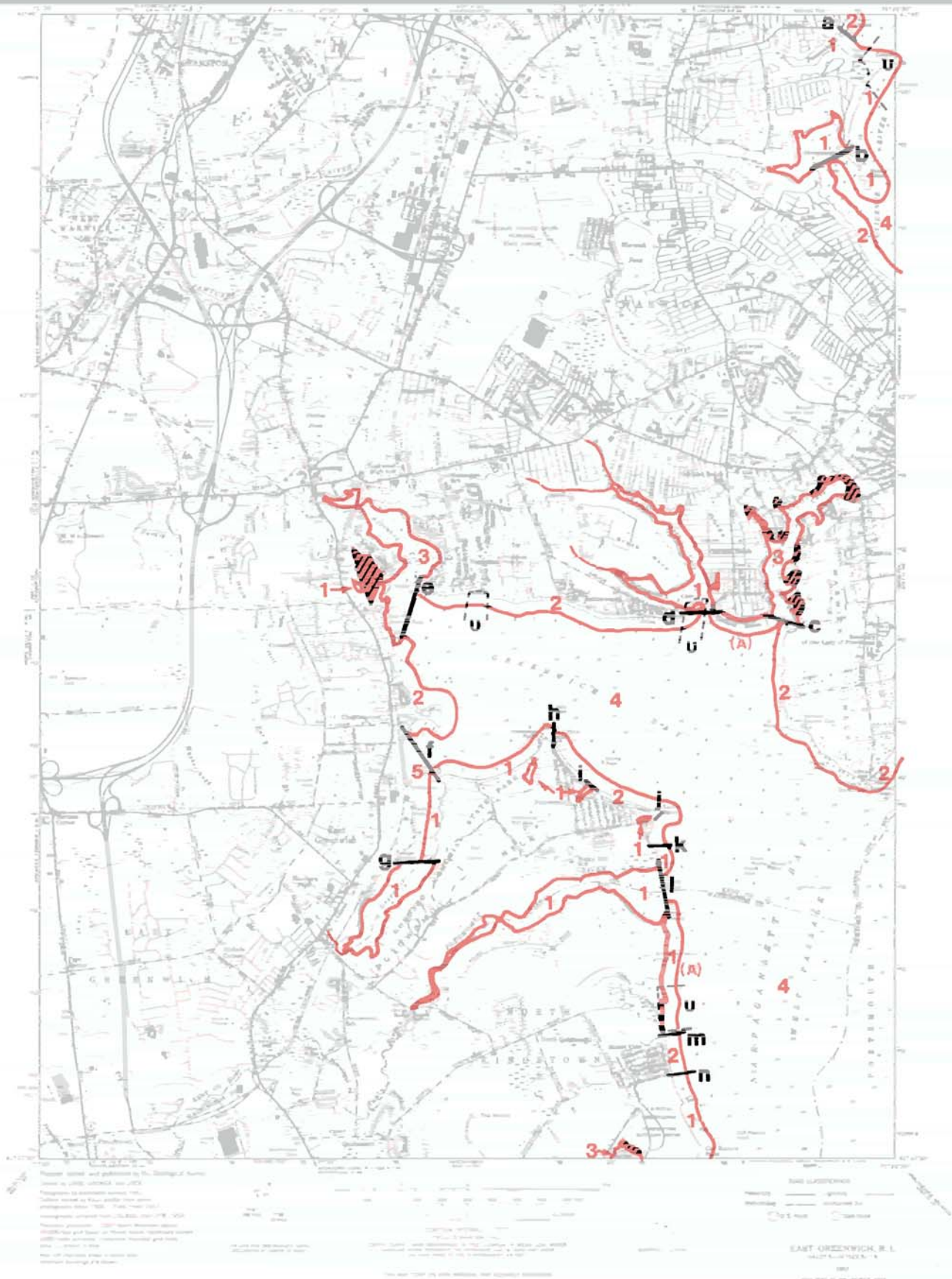


Prepared, written, and published by the Intelligence Community
Directorate on 10/10/2000. This document is
classified "Secret".

*Species position: 19th - north Atlantic coast, 20-400-m and 400-1000-m, from 1000-m continental shelf to 1000-m deep, including continental shelf and 400-m and 1000-m deep.

East Greenwich Quadrangle

- a** A straight line extension from the south side of a launching ramp facility on the northern side of Passeonkquis Cove.
- b** A straight line running from a point of land on the south side of Occupessatuxet Cove to the tip of the peninsula on the east side of the cove.
- c** A straight line from the northern side of the end of Randall Street to the base of the easternmost groin at Oakland Beach.
- d** A straight line from the base of the westernmost groin at Oakland Beach to the base of the easternmost groin on Buttonwood Point.
- e** A straight line from the tip of Cedar Tree Point to the south side of the breakwater at Folly's Landing.
- f** A straight line from the northern border of the commercially zoned area to the tip of Long Point at Goddard Park.
- g** A straight line running due east from the south side of the sewage treatment plant property across Greenwich Cove to where it intersects with land at Goddard State Park.
- h** A straight line extending northerly from the eastern border of Goddard State Park.
- i** A straight line along the western side of Beachwood Drive.
- j** A straight line across the creek entrance south of Sandy Point.
- k** A straight line from the end of Bradford Avenue.
- l** A straight line from the southeast tip of Marsh Point to the tip of Pojac Point.
- m** A straight line from the northern end of Narragansett Street.
- n** A straight line from the northern boundary of Navy property.



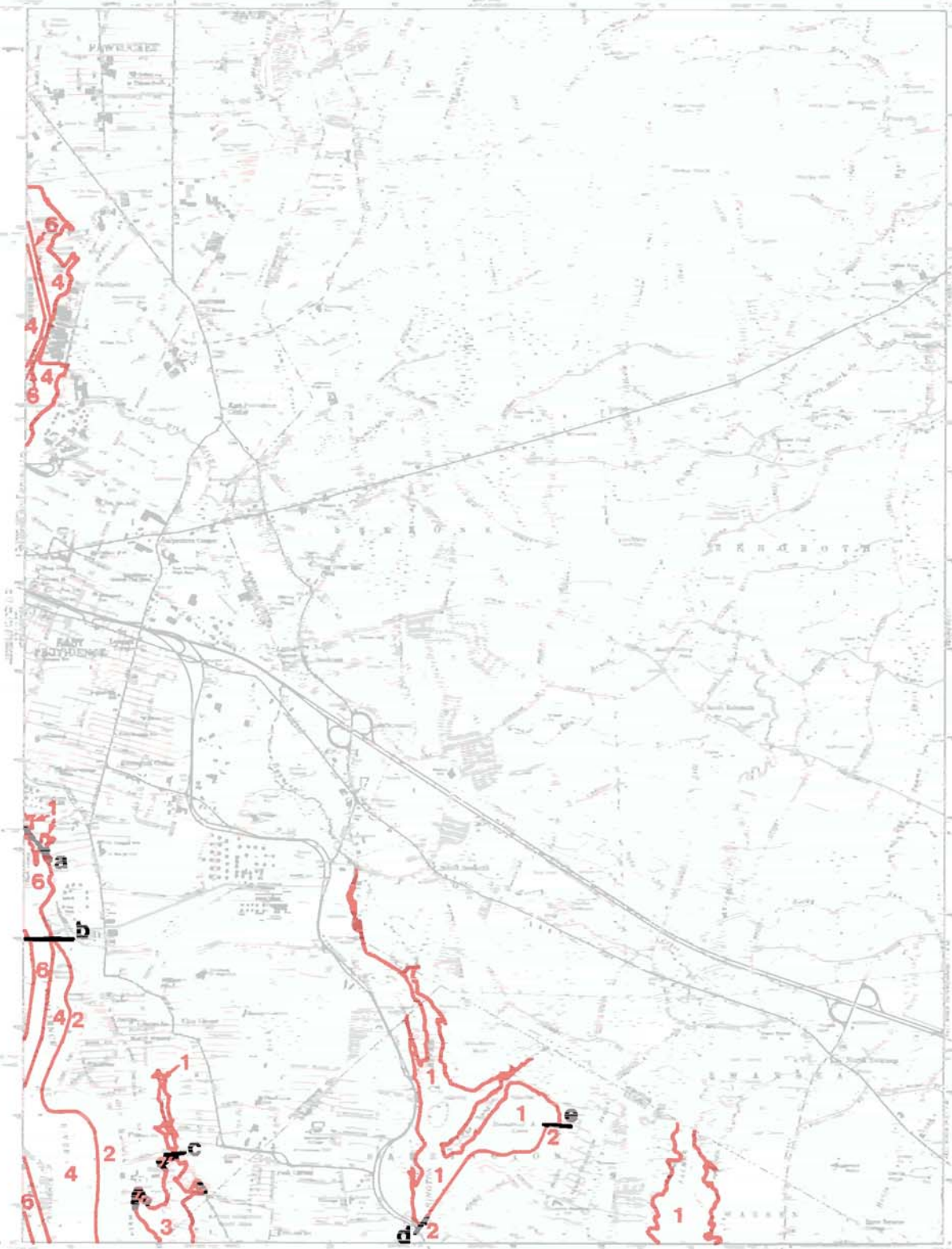
Providence Quadrangle

- a** The base of the falls at the city of Pawtucket.
- b** A straight line running generally WNW from the Union Oil property boundary south of Bold Point in East Providence to the westerly boundary of India Point Park in Providence.
- c** The western edge of the former railroad causeway.
- d** The western edge of the former railroad causeway.
- e** From the southern side of the Port Edgewood breakwater, thence easterly to the dolphin on the east side of dredged access channel to Fields Point, then southeast to the southern boundary of the Mobil Oil Company property in East Providence.
- f** The base of the falls at the Pawtuxet River.
- g** A straight line running northwesterly from the easterly side of the Pawtuxet Cove breakwater to the tip of Pawtuxet Neck.
- h** The northern side of the rubble-mound connector running easterly from the northeast tip of Salter Grove to the Pawtuxet Cove breakwater.
- i** Upstream side of the Fox Point Hurricane Barrier.
- j** The western side of the Park Street bridge over the Woonasquatucket River.

*The waters between i and j become Type 5 waters.
The waters west of Park Street bridge become
Type 4 waters.*

East Providence Quadrangle

- a** The western edge of the former railroad causeway.
- b** A straight line running generally westerly from the southern end of the Mobil Oil Company property to the dolphin on the east side of the dredged access channel to Fields Point, thence to the south side of the Port Edgewood breakwater in Providence.
- c** The northern side of the culverts and breachways under Crescent View Avenue.
- d** The tip of the small peninsula at the southern side of Walker Farm, Barrington.
- e** A straight line extension of George Finnerty Road.



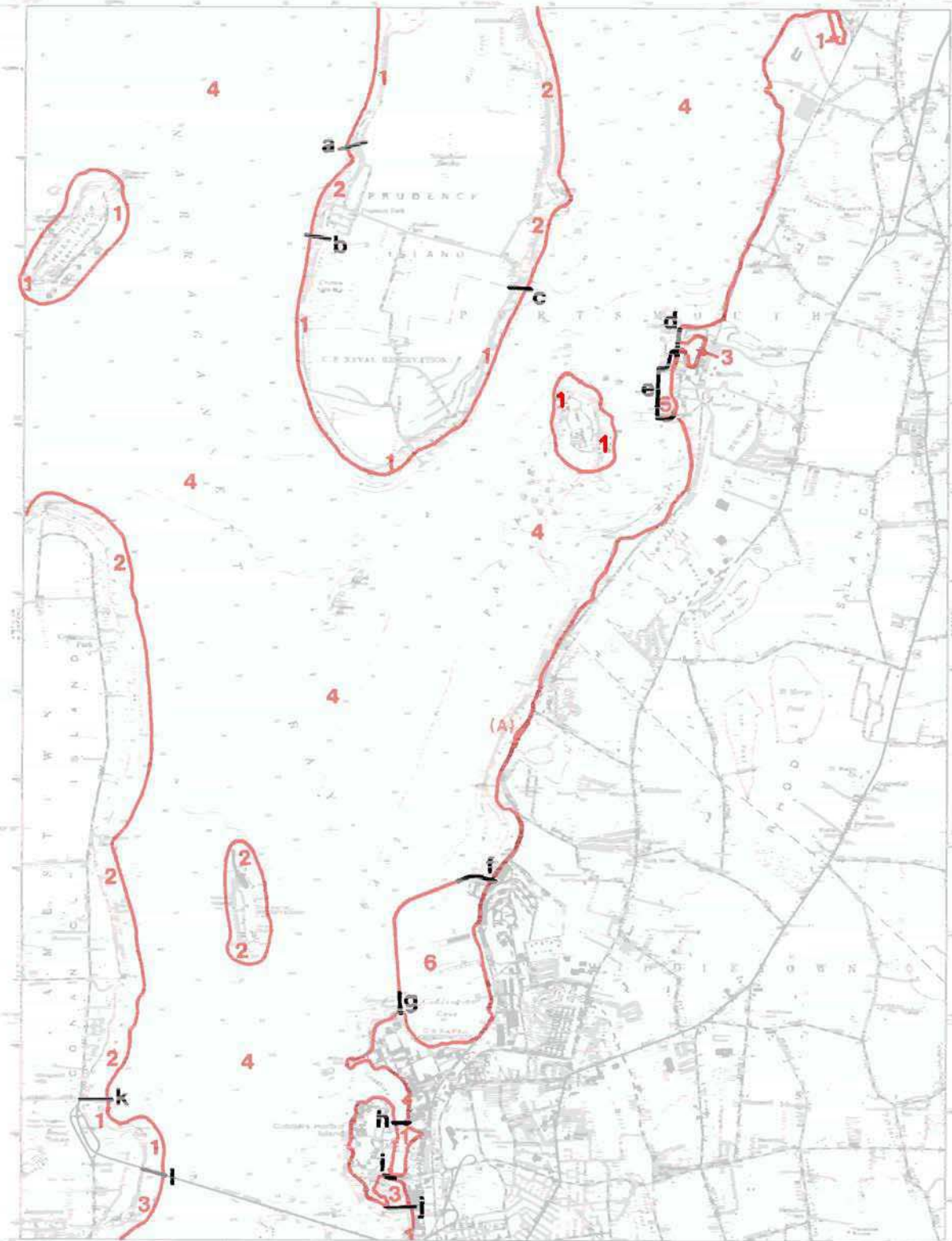
Source: Survey and mapping by the Geological Survey
 Topographic map of East Providence, Guadalupe, and Maria-Teresa-Rodriguez Island
 Scale: 1:50,000
 Projection: UTM
 Datum: WGS 84
 Contour interval: 100 feet
 Elevation: 0 to 100 feet
 Contour lines: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000
 Spot heights: 100, 200, 300, 400, 500, 600, 700, 800, 900, 1000
 Water bodies: Rio de San Juan, Bay of San Juan, Bay of San Juan, Bay of San Juan
 Roads: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100
 Other features: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Bristol Quadrangle

- a** A straight line along the southern bulkhead wall of Lavin's Marina, then straight across the channel to where it meets the end of Willow Way.
- b** A line from the southeastern end of Blanding Avenue running generally southeasterly across the channel to where it meets the end of Willow Way.
- c** A line along the edge of a salt marsh at the end of Appian Way.
- d** The outlet of a small pond and stream south of Beach Road.
- e** The northwestern border of the salt marsh.
- f** A straight line extension of Adam's Point Road.
- g** A straight line extension of the south side of Ferry Lane.
- h** Along the southern side of the old railroad causeway.
- i** Along the westerly side of the Barrington River at the tidal creek entrance.
- j** A straight line from the north side of the end of Stanley Avenue running due easterly to a point of land on the opposite shore.
- k** Along the pipeline crossing of Belcher Cove.
- l** Along the southern side of the old railway causeway.
- m** A straight line extension of the south side of Company Street.
- n** At the southern end of the industrially zoned area.
- o** At the outlet of a small stream south of Locust Street.
- p** At the Bristol/Warren town line.
- q** Along the inside of the new bridge.
- r** A straight line from the boundary between RM20 and RM40 zones on Poppasquash Neck to the boundary between the industrial and commercial zones on the Bristol waterfront.
- s** The northern side of the bridge or culvert to Mill Pond.
- t** The eastern side of the bridge over Silver Creek.
- u** A straight line extension of Fairview Avenue.
- v** The eastern side of the Mount Hope Bridge.
- w** A straight line extending northerly from the boundary of Lots 8 and 9, Town Map 17.
- x** A straight line extending easterly from a point 50 feet north of the edge of the adjacent marsh.
- y** A line extending northerly from the northern tip of Hog Island.
- z** The outlet of Mill Creek.
- aa** A straight line from the tip of Gull Point running generally south-southwesterly, to the boundary between state and private lands on Prudence Neck. (The water use classification boundary around the north end of Prudence Island and Patience Island follows the 18-foot bathymetric contour line. This is consistent with the boundary of the area protected by provisions of the federal Estuarine Sanctuary Program.)
- bb** A straight line extension of Talcott Street.
- cc** A straight line extension of Lippitt Avenue.

Prudence Island Quadrangle

- a** A line perpendicular to the shore from the southern side of the rocky extension north of Prudence Park.
- b** A line from the outlet of a small, westerly flowing stream south of Prudence Park and north of Crow's Swamp.
- c** A straight line extension of the boundary between public state park lands and privately owned lands.
- d** A line connecting the westernmost points of land bordering the entrance into the Bend Boat Basin.
- e** A line connecting to the southernmost border of D, above, and extending westerly 50 feet from shore; thence generally southerly, maintaining a 50-foot distance from shore and the outer perimeter of the wharves and piers of the Melville industrial facility; thence easterly to connect land at a point 50 feet south of the southernmost pier.
- f** The northern border of the rubble-mound breakwater.
- g** A line extending out to meet the tip of the rubble-mound breakwater from the northernmost tip of Coddington Point.
- h** A line bordering the southernmost side of the northern bridge connecting Coaster's Harbor Island to Aquidneck Island.
- i** A line bordering the northern side of the bridge on Training Station Road which connects Coaster's Harbor Island to Aquidneck Island.
- j** A straight line extending from the southern tip of Coaster's Harbor Island to a point where it meets with a straight line extension of an unnamed road.
- k** A straight line extension from the southern side of Weeden Lane.
- l** A line bordering the southern side of the Newport Bridge.



Map of Prudence Island, Georgia, showing various geological features and survey points.

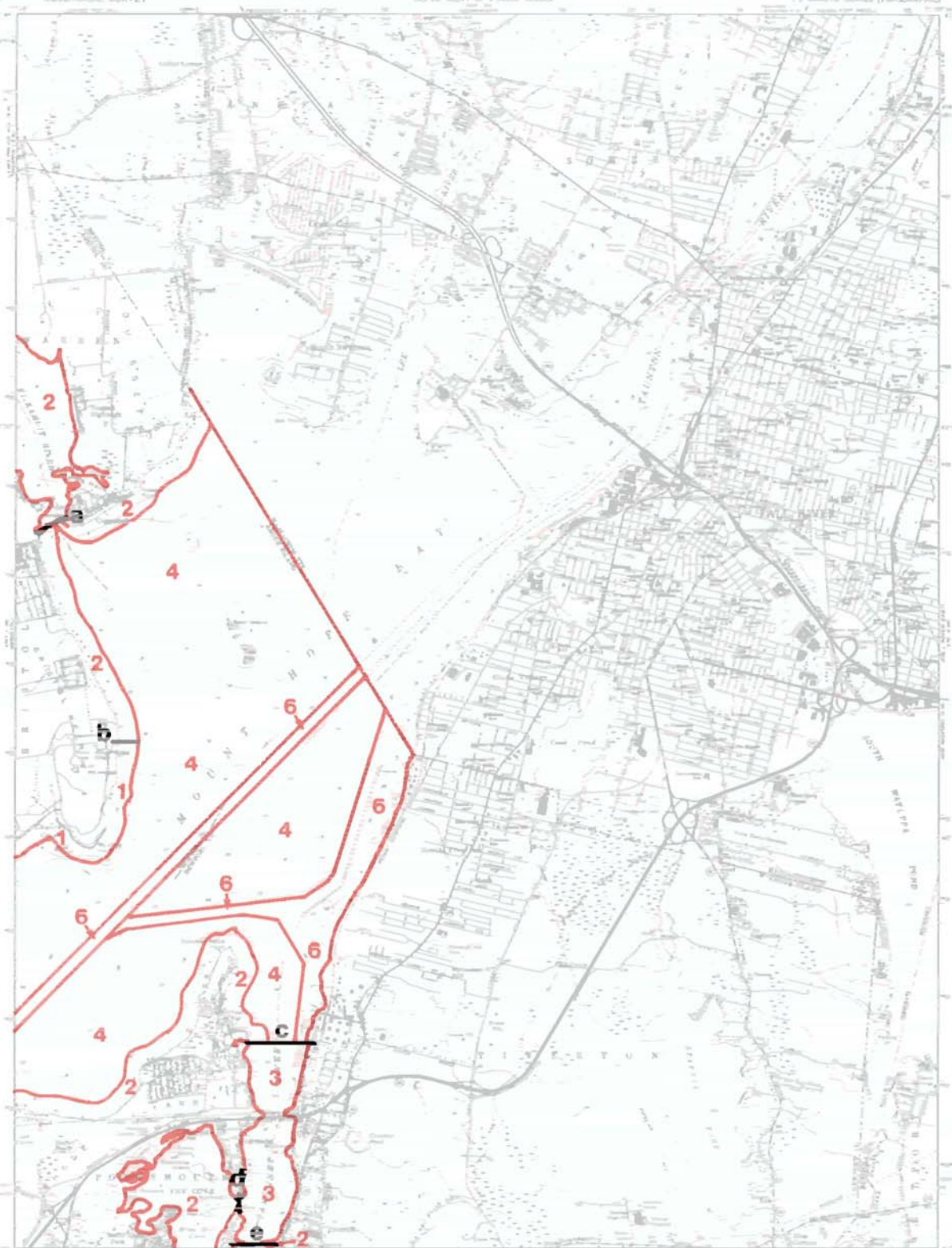
Geological Survey of Prudence Island, Georgia, showing various geological features and survey points. The map includes a scale bar and a north arrow.

Geological Survey of Prudence Island, Georgia, showing various geological features and survey points. The map includes a scale bar and a north arrow.

Geological Survey of Prudence Island, Georgia, showing various geological features and survey points. The map includes a scale bar and a north arrow.

Fall River Quadrangle

- a** A straight line from the tip of the peninsula at end of Narrows Road in Bristol to the tip of the peninsula near the end of Brownell Street in Warren.
- b** A straight line extension along the south side of the large pier south of the Haffenreffer Museum.
- c** A straight line from the southern border of the industrially zoned area in Tiverton to the tip of the peninsula on the north side of Brewer's Marina in Portsmouth.
- d** A straight line along the west side of the bridge connecting Point Road and Hummock Avenue at the entrance to Blue Bill Cove.
- e** A straight line connecting the north sides of the abutments of the former Old Stone Bridge.
- f** A straight line extension of the northern boundary of land now or formally known as Charter Oil to its intersection with the existing Type 4 Water designation. The waters bounded between existing line (c) and new line (f) are to be reclassified as Type 5 Waters.



Map of Bridge Island, Massachusetts, showing the location of the proposed bridge. The map is based on the 1:25,000 scale topographic map of Bridge Island, Massachusetts, published by the U.S. Geological Survey in 1964. The map shows the location of the proposed bridge, the location of the existing bridge, and the location of the proposed bridge. The map also shows the location of the proposed bridge, the location of the existing bridge, and the location of the proposed bridge.

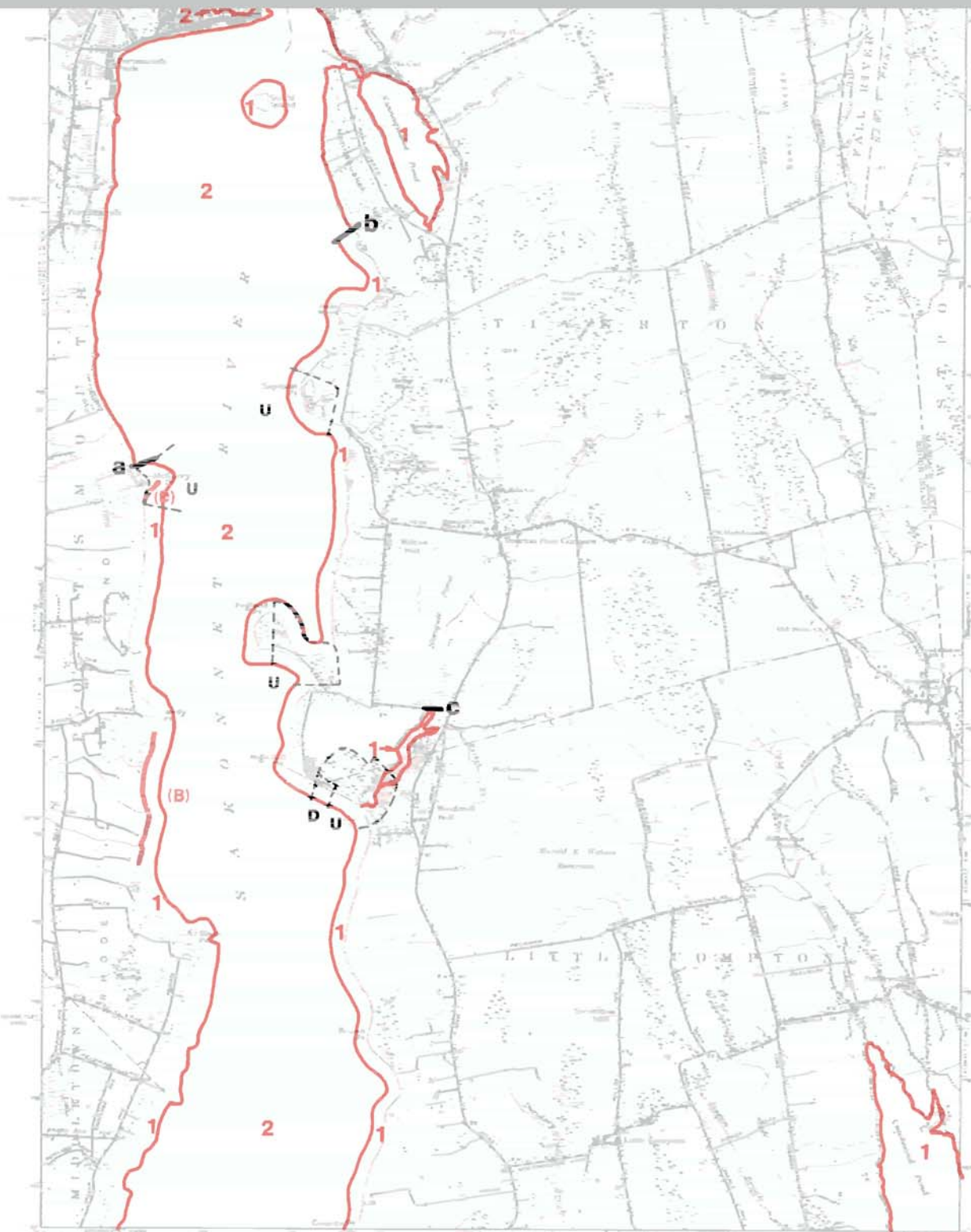
MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
100 STATE STREET, ROOM 1000, BOSTON, MASSACHUSETTS 02109
A REPRODUCED COPY OF THIS MAP IS AVAILABLE FOR \$1.00 PER COPY.

MASSACHUSETTS
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
100 STATE STREET, ROOM 1000, BOSTON, MASSACHUSETTS 02109
A REPRODUCED COPY OF THIS MAP IS AVAILABLE FOR \$1.00 PER COPY.

FALL RIVER, MASS., R.I.
1000
1000

Tiverton Quadrangle

- a** A straight line extension of Robin Road.
- b** A straight line extension of the south side of Island View Road.
- c** A straight line at the north side of the Nonquit Pond Dam.
- d** A straight line along the south side of the Nannaquaket Pond Bridge.



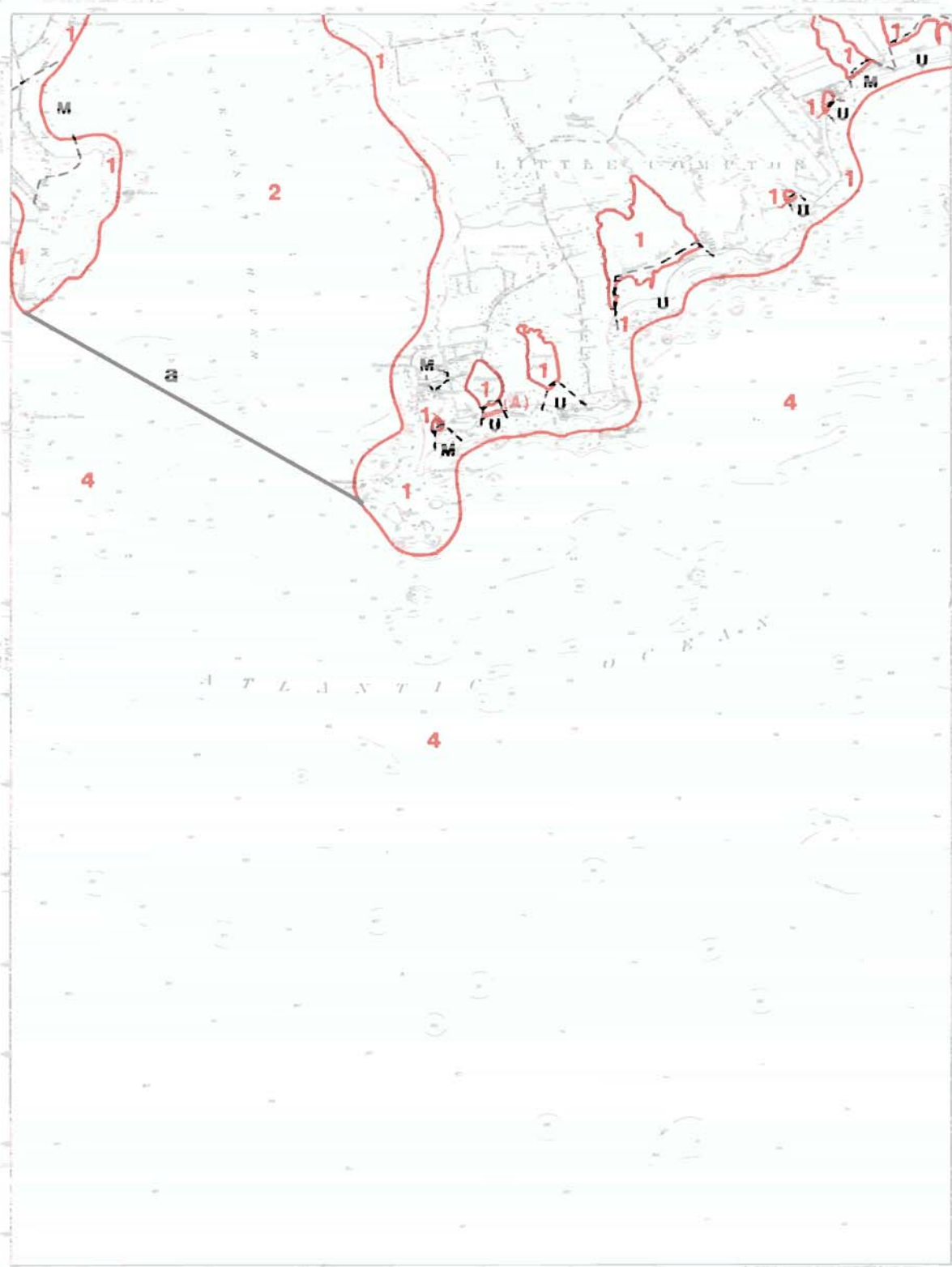
NOTES:
1. The proposed road alignment is shown in red.
2. The proposed road alignment is shown in red.
3. The proposed road alignment is shown in red.

LEGEND:
1. Proposed Road Alignment
2. Existing Road Alignment
3. Existing Road Alignment

BRIDGE PLANS MASSACHUSETTS
DIVISION OF HIGHWAYS
BRIDGE PLANS MASSACHUSETTS
DIVISION OF HIGHWAYS

Sakonnet Point Quadrangle

- a** A straight line across the entrance to the Sakonnet River from the tip of Sachuest Point to the southern tip of West Island near Sakonnet Point.

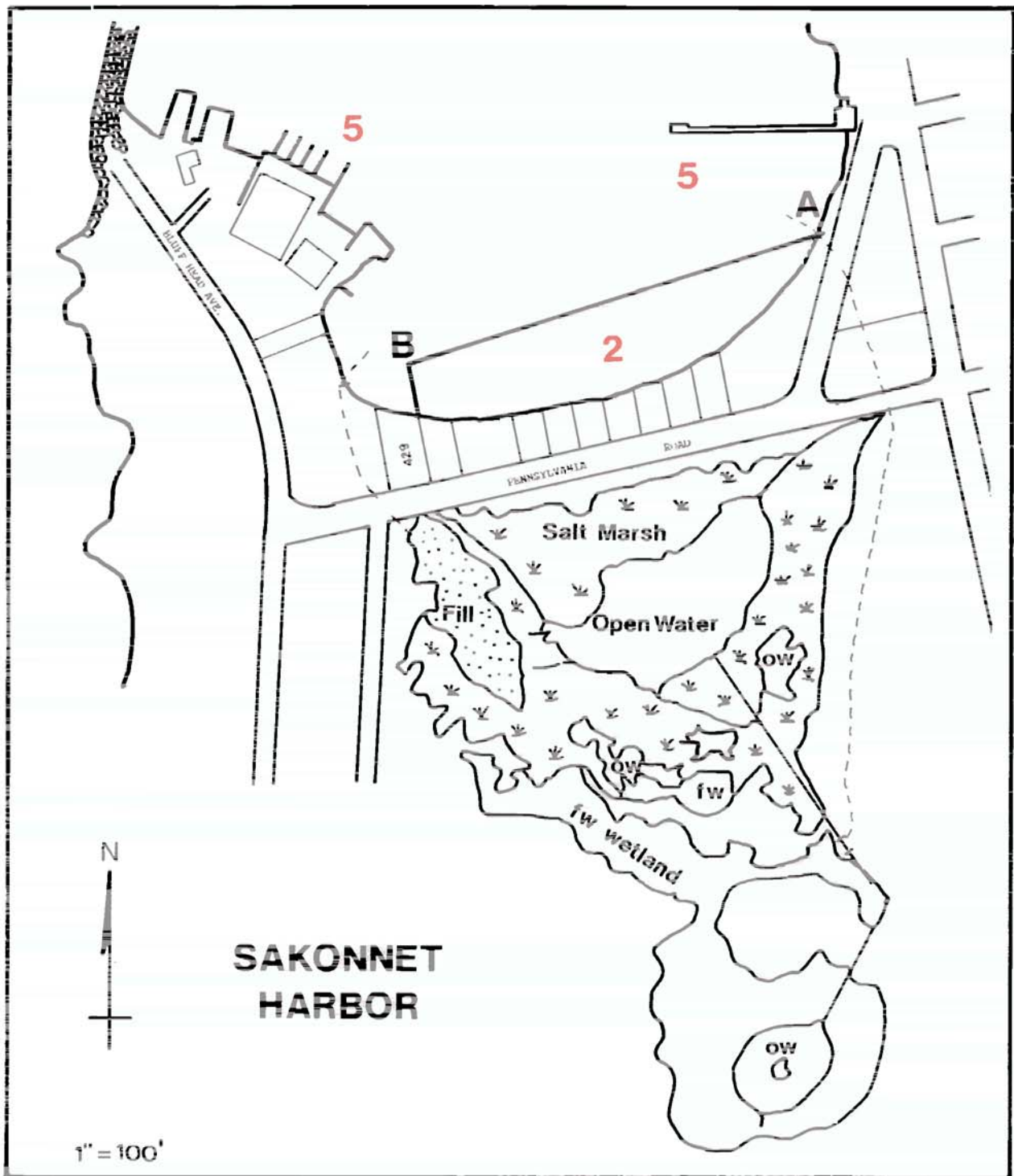


1:50,000 Scale
Vertical Datum: Mean Sea Level
Horizontal Datum: North American Datum of 1983
Projection: UTM
Zone: 18N
Datum: NAD 83
Units: Meters
Contour Interval: 20 Meters
Spot Elevation Interval: 10 Meters
Map Scale: 1:50,000
Sheet Number: 18N 010000
Sheet Name: LITTLE CAMP POINT
Sheet Date: 1983
Sheet Author: USGS
Sheet Editor: USGS
Sheet Checker: USGS
Sheet Approver: USGS
Sheet Status: Final
Sheet Version: 1.0
Sheet Revision: 1.0
Sheet Change: 1.0
Sheet Comment: 1.0

Sakonnet Point Quadrangle:

Sakonnet Harbor

1. The water area immediately adjacent to the barrier beach, starting at Point A (the northeast edge of Lot 385 where the eastern boundary of the barrier beach, identified by Dr. Boothroyd, intersects with the shore) then extending toward the western shore boundary of the barrier beach designated by Dr. Boothroyd to Point B (where a line drawn in a northerly direction as an extension of the eastern boundary of Lot 429 forms an intersect) be designated as Type 2.
2. The remainder of the water area in Sakonnet Harbor shall be designated Type 5.



Newport Quadrangle

- a** A line along the southern side of the Newport Bridge
- b** A line along the northern side of the causeway to Goat Island
- c** A straight line commencing in the southeast corner of Newport Harbor, running generally northwesterly through the so-called "Spindle marker," to the point where it meets the edge of the federally established and maintained anchorage area, then generally northerly along the eastern side of the anchorage area, thence westerly to the southern boundary of the Port of Call Marina on Goat Island.
- d** A straight line extension from shore along the western side of the pier.
- e** A straight line extension from shore along the southern side of the state-owned boat launching ramp.
- f** A straight line extension from the northeastern tip of the Fort Adams anchorage basin easterly to the southern light on Goat Island.
- g** A straight line from shore along the southern side of the docking area at Fort Cove.
- h** A line along the western side of the breakwater near Ida Lewis Rock. Water area bounded by lines d and h to become Type 3 waters.



Block Island Quadrangle

- a** Straight line extensions of the outsides of each of the two jetties at the breachway entrance to Great Salt Pond.
- b** A straight line starting from the point of land on the northeast side of the Great Salt Pond breachway and running generally southeasterly to Harris (Breezy) Point.
- c** A straight line starting at Harris (Breezy) Point and running generally southwesterly to Can Buoy #5.
- d** A straight line southwesterly extension of the west jetty at the breachway entrance to Great Salt Pond which joins with the seaward limit of a straight line (500 feet) extension of the boundary between the commercial/low residential zone area west of Champlin's Dock, thence turning generally easterly and running to Can Buoy #5, then turning generally south-southeasterly and running to the point of land on the eastern shore of the channel to Trim's Pond, thence turning 90 degrees and running west to land on the western side of the Trim's Pond Channel.
- e** A line along the outside of the west breakwater.
- f** A line along the outside of the east breakwater.
- g** A straight line starting at the boundary of lots 64-1 and 65 and running generally southeasterly to terminate at the northern boundary of lots 103 and 104. Revise Water Type designation west of Line G to Type 3.

