

Supplemental Environmental Projects

1. Rocky Point Pool Area

The City will remove existing concrete in the vicinity of the former saltwater pool. The area will be reestablished with grass, native vegetation, and other pervious elements to manage runoff prior to it entering the adjacent wetland system and Narragansett Bay. The work will be completed by the City of Warwick and be coordinated between the City of Warwick and the RIDEM. This work will be completed by September 2017. The estimate for this project is \$100,000.

2. Oakland Beach – Trash Receptacles

The City will remove the existing traditional trash receptacles and replace them with automated, solar, compacting receptacles. This project will minimize the amount of windblown trash. Also, having closed receptacles will minimize the food waste available to sea gulls and other scavengers. This should hopefully reduce the population of those types of animals, thereby improving the water quality and overall aesthetic of the beach area. This project should be implemented within the calendar year. The estimate for this project is \$70,000 for a 5-year agreement.

3. Buckeye Brook – Waterway Study

The City will take the lead in hiring a consultant to conduct a study for the purpose of obtaining a permit to remove phragmites and sediment from Buckeye Brook in the areas south of Warwick Pond. This project will require coordination with the City of Warwick, the RIDEM, RIAC, the Buckeye Brook Coalition, the Friends of Warwick Ponds, and a consultant to assist with the fieldwork, sampling, and historical documentation. This project should be completed within one-year of this agreement. The estimated cost of this project is approximately \$40,000. (Note: RIDEM needs to provide information pertaining to the requirements of the permit application)

4. Edgewater Drive – Roadway Abandonment

The City will restrict vehicular access to a section of this roadway. Save The Bay has recently conducted assessments of low lying, vulnerable infrastructure in Narragansett Bay's coastal communities including the shoreline of Greenwich Bay. Through this assessment process, Save The Bay identified Edgewater Drive and Midgely Avenue as being subject to coastal flooding during either daily high tides or moon tides. The regular flooding of these roads presents a threat to public safety, a maintenance challenge for the City of Warwick and an impact to the salt marsh habitat that borders Apponaug Cove and Mary's Creek. The City will work with Save the Bay on the proper restoration techniques once vehicular access is limited. The project should be completed with the calendar year. The estimated cost of this project is approximately \$8,000.

5. Midgely Avenue – Roadway Abandonment

The City will restrict vehicular access to a section of this roadway. Save The Bay has recently conducted assessments of low lying, vulnerable infrastructure in Narragansett Bay's coastal communities including the shoreline of Greenwich Bay. Through this assessment process, Save the Bay identified Edgewater Drive and Midgely Avenue as being subject to coastal flooding during either daily high tides or moon tides. The regular flooding of these roads presents a threat to public safety, a maintenance challenge for the City of Warwick and an impact to the salt marsh habitat that borders Apponaug Cove and Mary's Creek. The City will work with Save the Bay on the proper restoration techniques once vehicular access is limited. The project should be completed with the calendar year. The estimated cost of this project is approximately \$8,000.

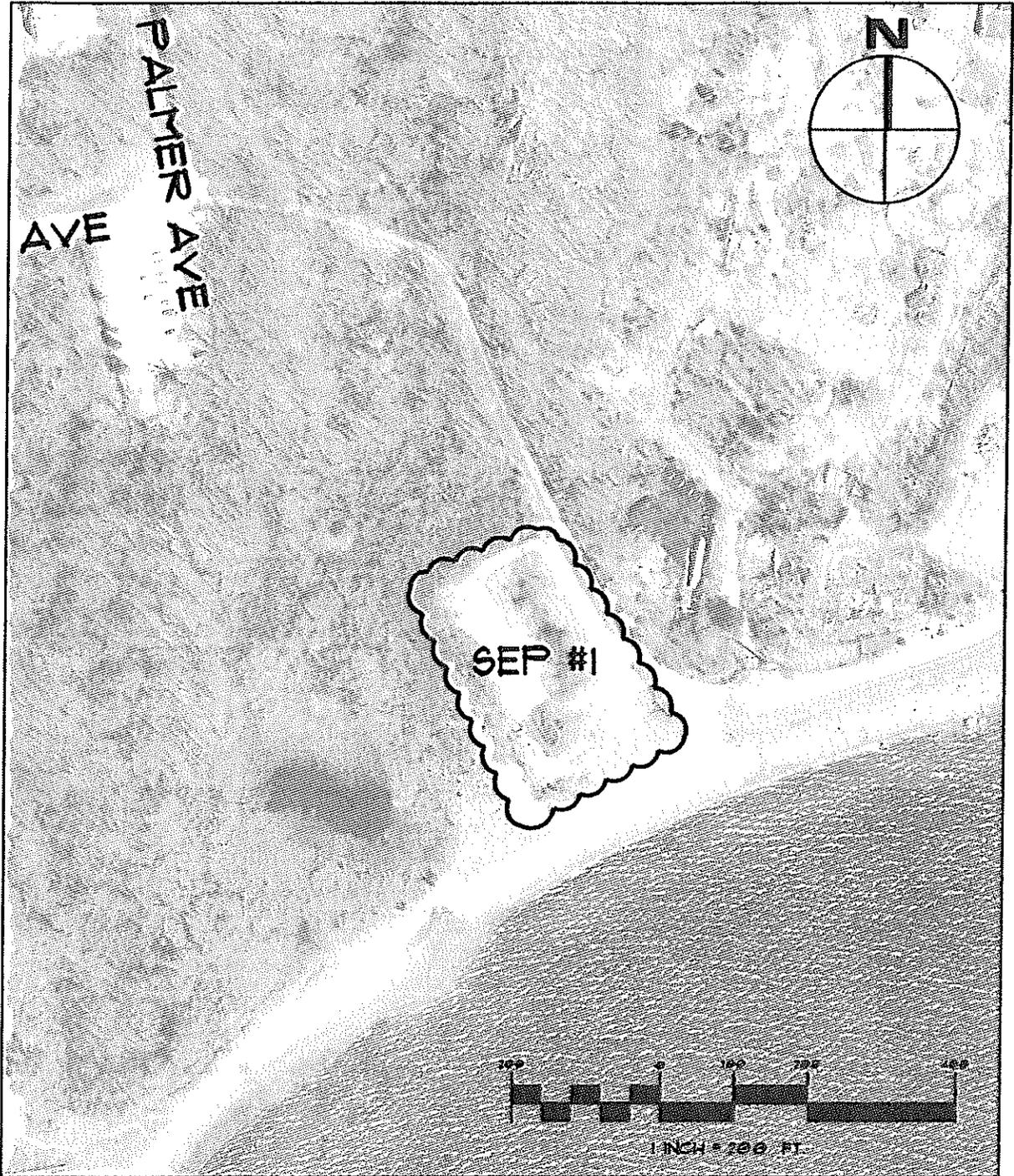
6. Lippitt School – Demonstration Project

The City will install a rain garden to infiltrate roof runoff and install educational signs. The rain garden will be installed where surface grades and groundwater elevation allow. This project must be coordinated with Warwick School Department. The estimate for this project is approximately \$5,000.

7. Purchase New Street Sweeper – Citywide

The City will purchase a new street sweeper to assist with the citywide sweeping operations. The sweeper will be operated and maintained by the City of Warwick. The cost of the new sweeper will be approximately \$200,000. The purchase of this equipment will be completed within the calendar year.

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DEPT. OF PUBLIC WORKS

925 SANDY LANE - WARWICK

Phone: 401-738-2000 X-6500

PREPARED FOR:

RI DEM

**SUPPLEMENTAL
ENVIRONMENTAL
PROJECT**

Rocky Pt. Parking - SEP #1
WARWICK, RHODE ISLAND

DATE: MAY 2016

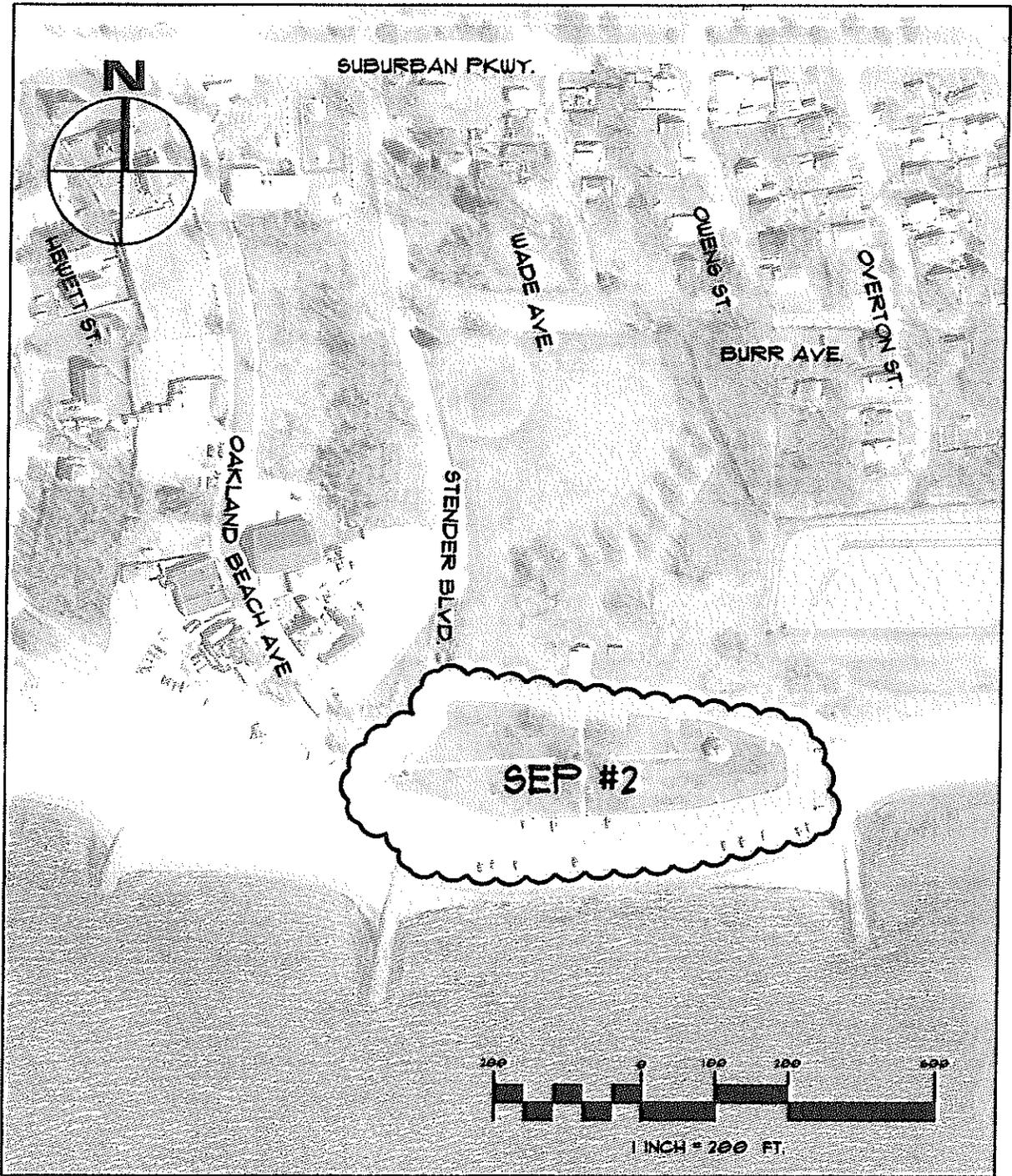
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SCALE: 1" = 200'

JOB #:

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CITY OF WARWICK 2016 2016 STORMWATER SEP SITES.DWG, 5/3/2016 2:59:07 PM



DEPT. OF PUBLIC WORKS
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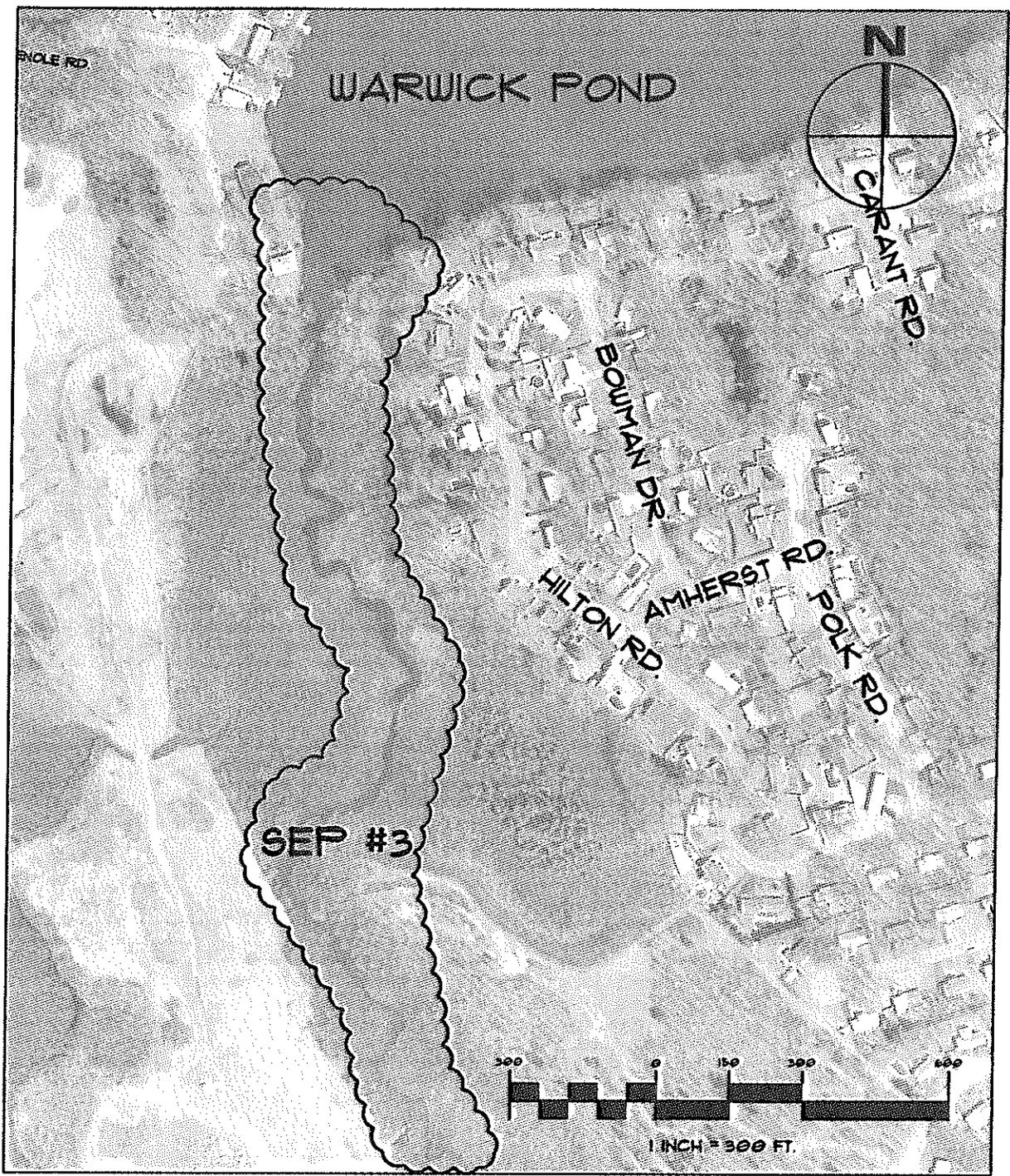
**SUPPLEMENTAL
 ENVIRONMENTAL
 PROJECT**

DATE: MAY 2016
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 RI DEM

Oakland Beach Common - SEP #2
 WARWICK, RHODE ISLAND

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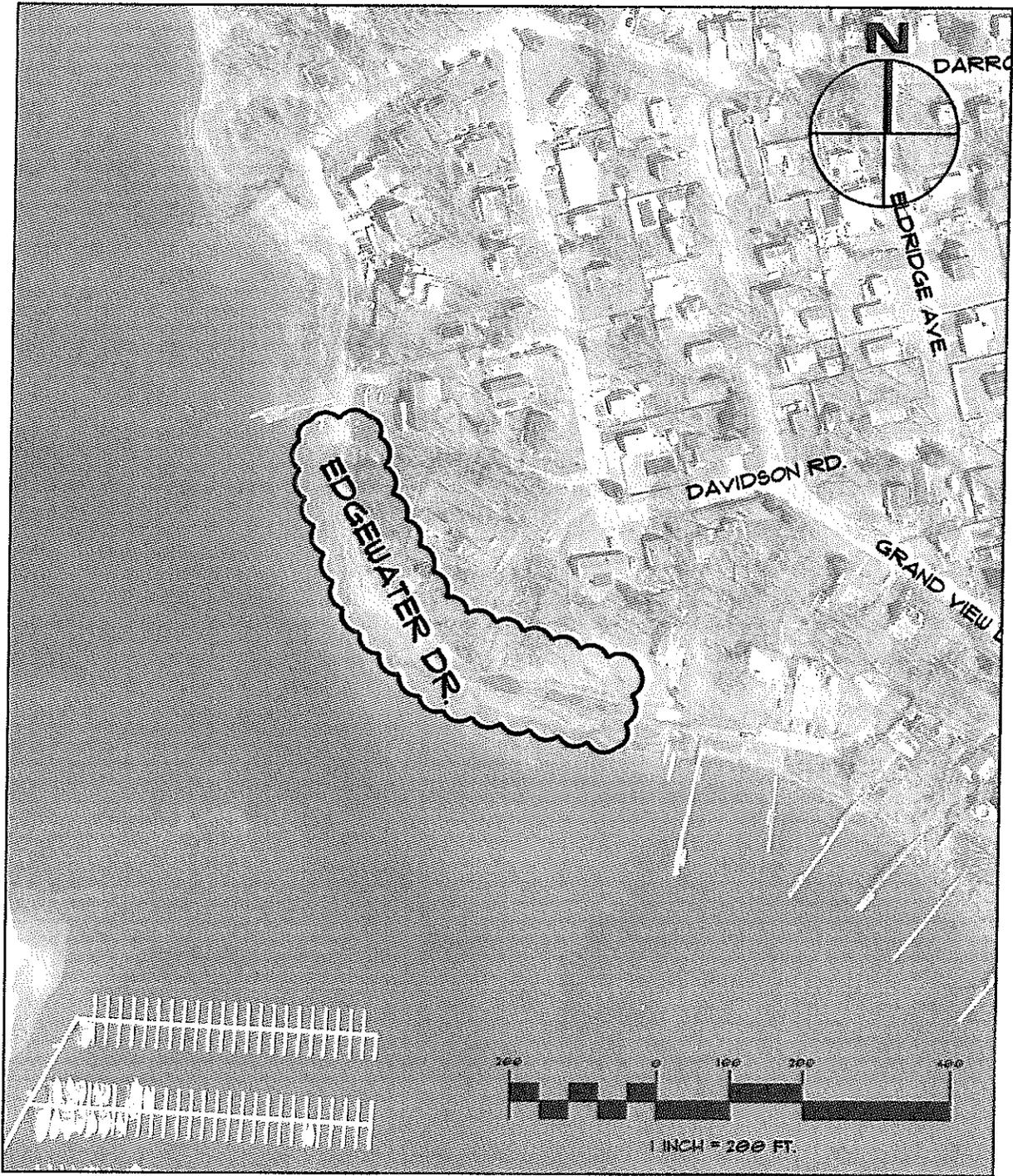
RI DEM

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Buckeye Brook - SEP #3
WARWICK, RHODE ISLAND

DATE: MAY 2016
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JOB #:
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SUPPLEMENTAL ENVIRONMENTAL PROJECT

Edgewater Drive - SEP #4
WARWICK, RHODE ISLAND

DATE: MAY 2016

DRAWN BY: EJE

SCALE: 1" = 200'

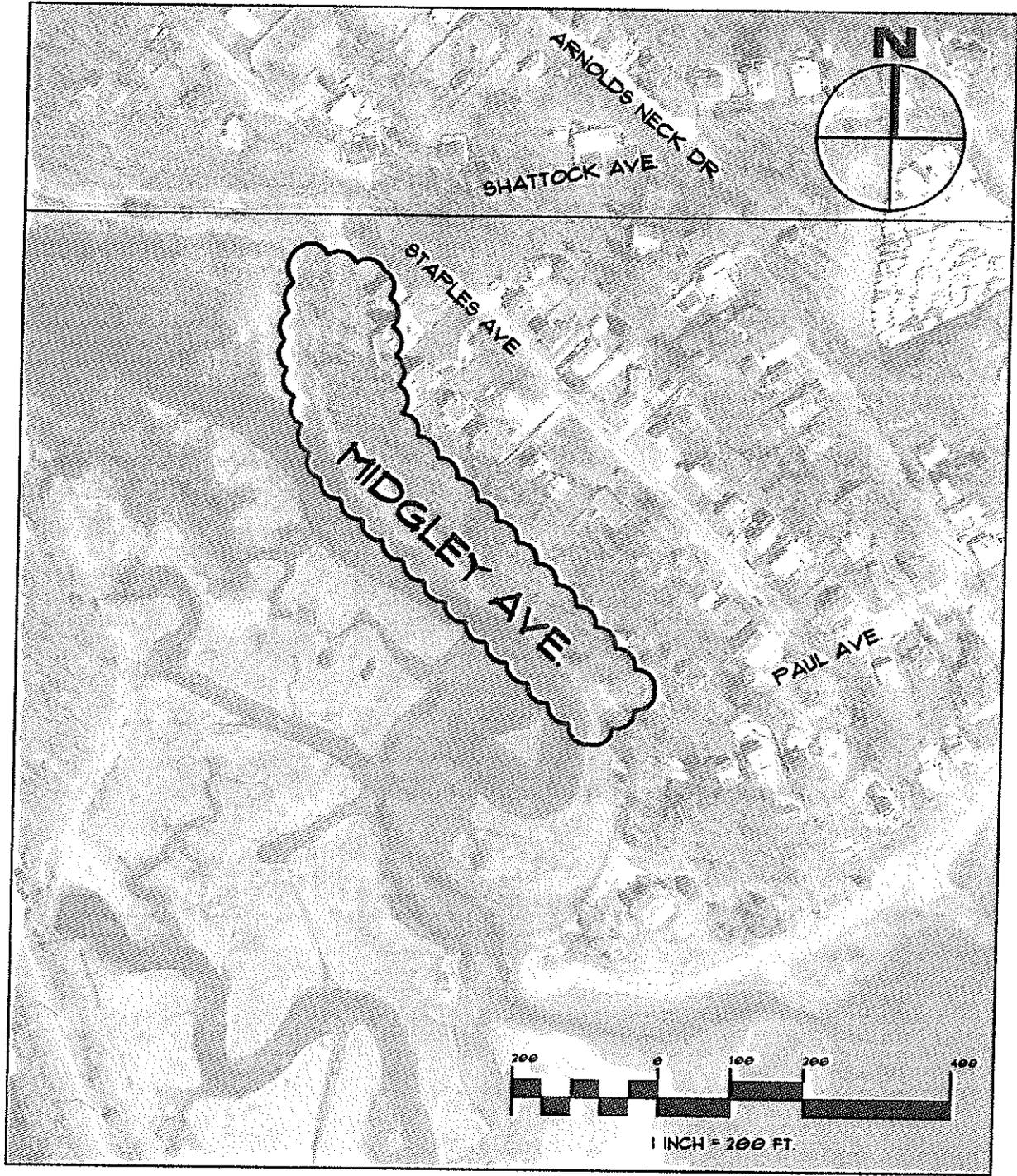
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RI DEM

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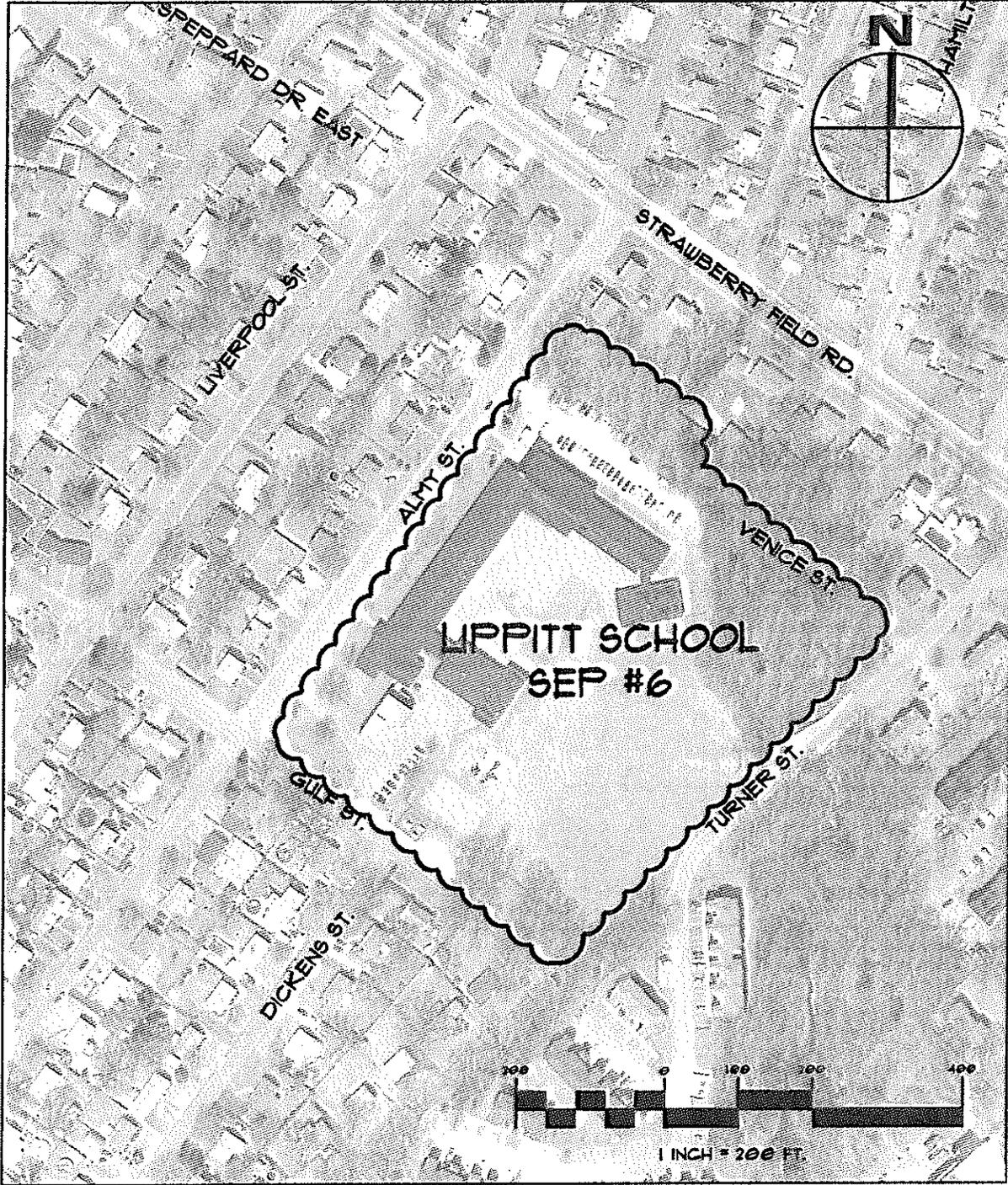
DEPT. OF PUBLIC WORKS
 925 SANDY LANE - WARWICK
 Phone: 401-738-2000 X-6500

SUPPLEMENTAL ENVIRONMENTAL PROJECT
 Midgley Avenue - SEP #5
 WARWICK, RHODE ISLAND

DATE: MAY 2016
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 SCALE: 1" = 200'
 JOB #:
 DWG #:

PREPARED FOR:
 RI DEM

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DEPT. OF PUBLIC WORKS
 925 SANDY LANE - WARWICK
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**SUPPLEMENTAL
 ENVIRONMENTAL
 PROJECT**

DATE: MAY 2016
 DRAWN BY: EJE
 SCALE: 1" = 200'
 JOB #:
 DWG #:

PREPARED FOR:
 RI DEM

Lippitt School - SEP #6
 WARWICK, RHODE ISLAND