Green's Creek
Watershed Management Plan
Figures

SR 454
VETS HWY
COLN AVE
JOHNSON AVE
KNICKERBOCKER AVE
CHURCH ST
SUNRISE HWY
BOHEMIA PKWY
BOURNE BLVD
RAILROAD AVE
LINCOLN AVE
LIRR
BROOK ST
MONTAUK HWY
RT 27A
WEST AVE
MAIN ST
BRIDGE AVE
GILLETTE AVE
GREAT SOUTH BAY

Legend

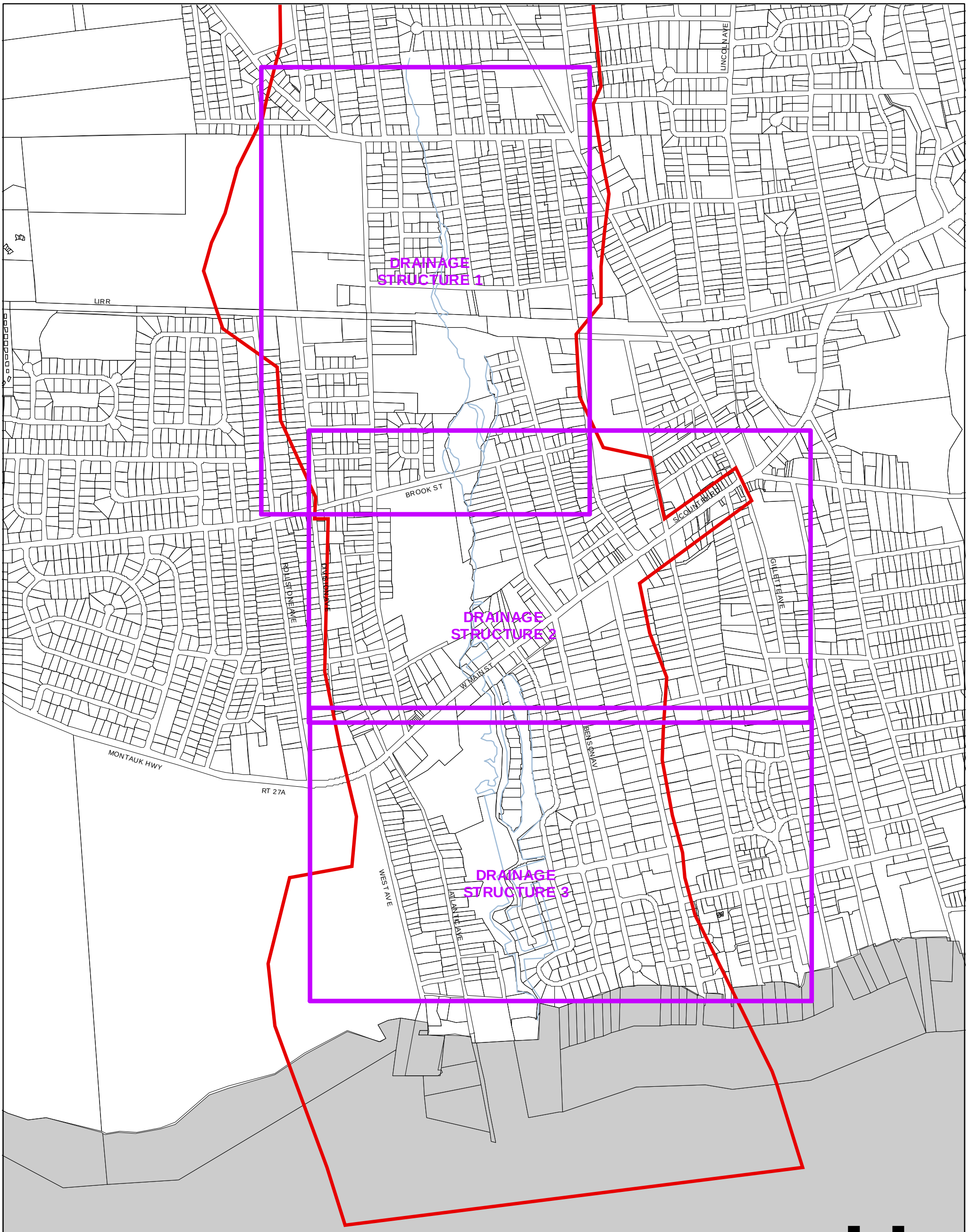
- WATERSHED BOUNDARY
- SURFACE DRAINAGE BOUNDARY

0 500 1,000 2,000 3,000 4,000 Feet

μ

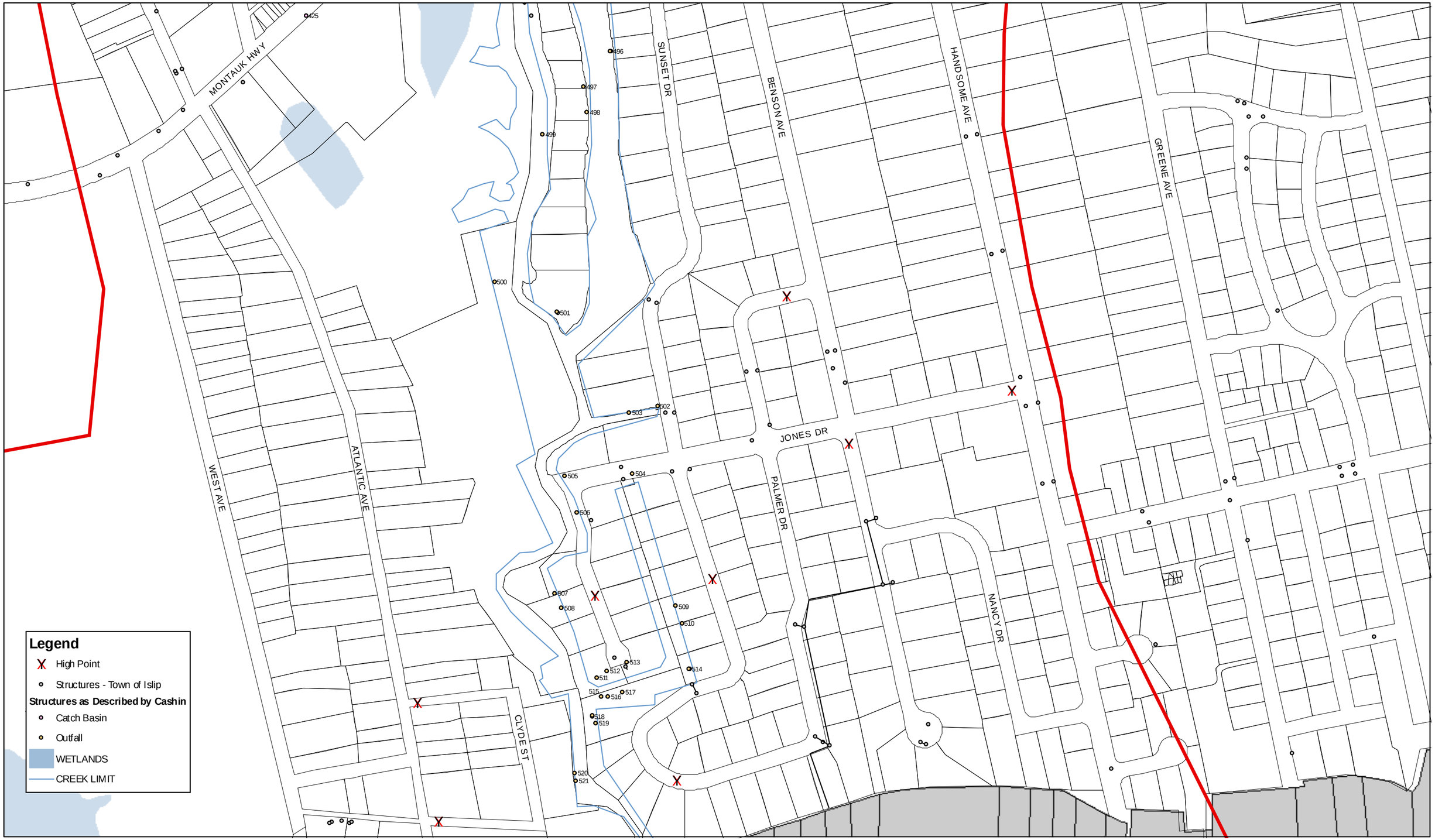
TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
WATERSHED BOUNDARY

FIGURE GR 2.2.3



TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
DRAINAGE STRUCTURES KEY MAP

FIGURE GR 2.4.3



TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
DRAINAGE STRUCTURES 3

FIGURE GR 2.4.3-3

0 50 100 200 300 400 Feet

TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
DRAINAGE STRUCTURES 2

FIGURE GR 2.4.3-2

TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
DRAINAGE STRUCTURES 1

FIGURE GR 2.4.3-1

SR 454
VETS HWY
JOHNSON AVE
KNICKERBOCKER AVE
CHURCH ST
SUNRISE HWY
BOHEMIA CREEK
RAILROAD AV
LINCOLN AVE
BOURNE BLVD
LIRR
BROOK
MONTAUK HWY
RT 27A
WEST AVE
BENSON AV
GILLETT AVE

Legend

WATERSHED BOUNDARY

SOILS

- At
- Bd
- CpA
- CpC
- CuB
- CuC
- De
- PlA
- PlB
- RdA
- RdB
- RhB
- Tm
- We

Note: See text section 2.2.4, page 13 for key titles and descriptions.
Source: Suffolk County Soils Survey

0 500 1,000 2,000 3,000 4,000 Feet

GREAT SOUTH BAY

μ

TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
SOILS

FIGURE GR 2.2.4

Drainage Area Wide Stormwater Stenciling Program

Drainage Area Wide Riparian Buffer Restoration

Implement Slope and Trail Stabilization Projects

Examine Weir Removal Impacts

Examine Dam Removal Feasibility

Conduct Slope Stabilization and Wetland Restoration

Investigate Fish Habitat Improvement Strategies

Conduct Ichthyology Study

Acquire Properties for Preservation

Complete SVAP, Conduct FGR, and Detailed Geomorphic Evaluation for All Reaches

Drainage Area Wide Installation of Point and Non-Point Source Stormwater Controls

Marina/Boater Educational Effort

Watershed Wide Stormwater Infrastructure Maintenance and Street Sweeping Programs

Watershed Wide Enforcement of Land Use Laws and Regulations

Identify Interpretive Exhibit Locations

Watershed Wide Education Efforts to Reduce Point and Non-Point Source Pollution

GN34 406 413 474 GN33 LIRR 532 GN32 REACH G2 REACH G1 MONTAUK HIGHWAY 491 GN25 GN35 GN01 GN02 GN26 GN03 GN30 GN29 GN27 GN24 GN28 GN04 GN05 GN06 GN13 GN07 GN08 GN09 GN14 GN15 GN11 GN12 GN16 GN17 GN20 GN21 GN23 GN22 BAY 06 BAY 05 BAY 03 Indian 05 Indian 04 Indian 01 Indian 10 Indian 09 Indian 07 Indian 08

GREAT SOUTH BAY

Legend

- WATERSHED AREA - GREEN CREEK
- SURFACE DRAINAGE BOUNDARY
- OUTFALLS
- SURFACE WATER LIMITS

0 250 500 1,000 1,500 2,000 Feet

TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
MANAGEMENT RECOMMENDATIONS

FIGURE GR 3.0

Tariff Street Outfall 406
Install Upgradient LB's

Brook Street Outfall 422
Install Upgradient LB's and WQI

Montauk Highway Outfalls 428 & 433
Work with SCDPW to Acquire
Property and Design and Construct
Recharge Basins and Repipe
Drainage System, Reconstruct Culvert

Acquire Properties for Preservation

Jones Drive Outfall 505
Install Upgradient
LB's and WQI/ET

Watershed Wide
Stormwater Infrastructure
Maintenance Program

Watershed Wide
Educational Efforts to Reduce
Pesticide and Fertilizer Use

GN34
406
413
474
GN33
LIRR
532
GN32
491
MONTAUK HIGHWAY
GN25
GN35
GN01
GN26
GN03
GN30
GN29
GN27
GN24
GN28
GN04
GN05
GN06
GN13
GN07
GN08
GN09
GN14
GN15
GN11
GN12
GN16
GN17
GN20
GN21
GN23
GN22
BAY 06
BAY 05
BAY 03
Indian05
Indian04
Indian 01
Indian 10
Indian 09
indian 07
Indian 08

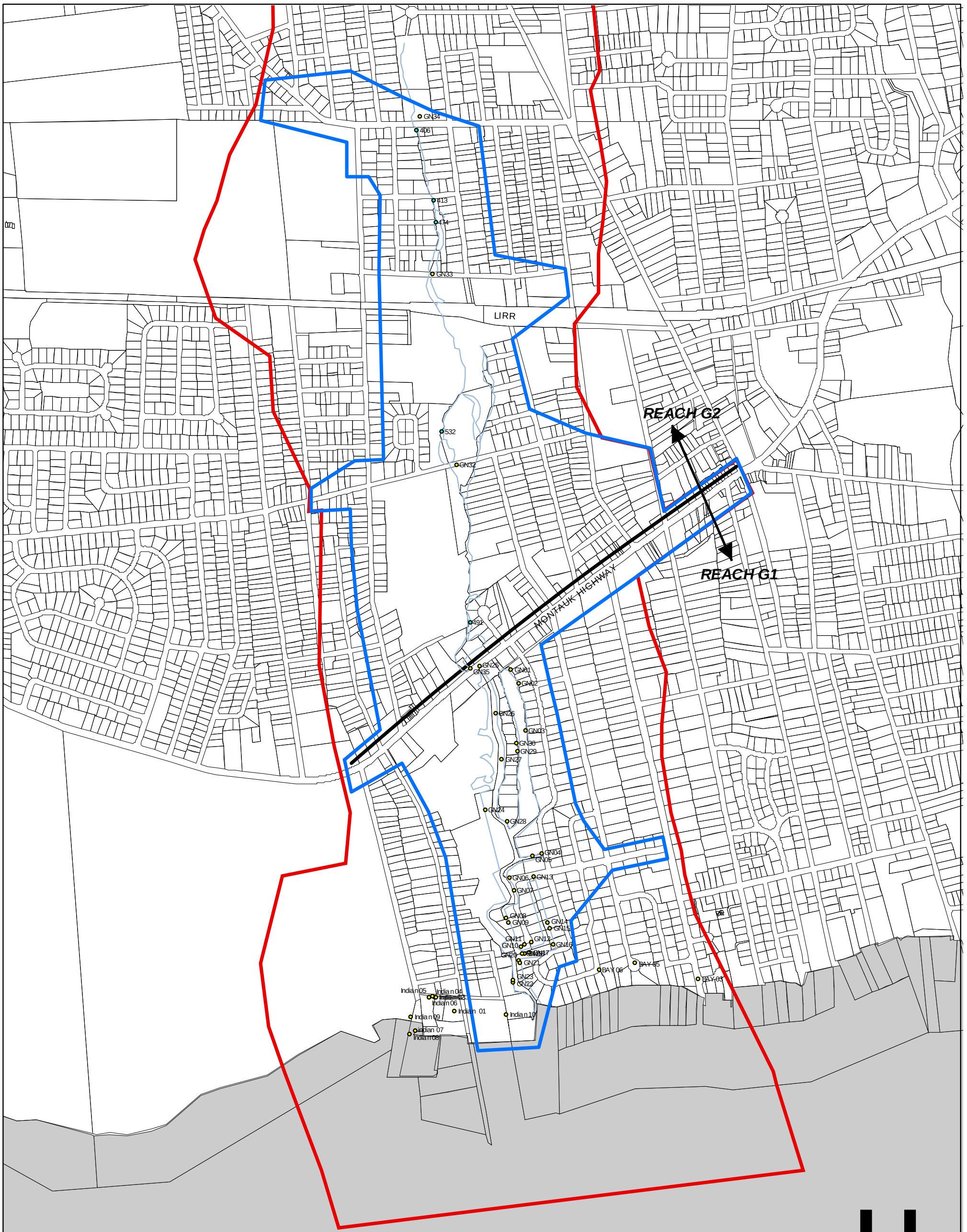
GREAT SOUTH BAY

Legend
- WATERSHED AREA - GREEN CREEK
- SURFACE DRAINAGE BOUNDARY
- OUTFALLS
- SURFACE WATER LIMITS

0 245 490 980 1,470 1,960
Feet

TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
PRIORITY STORMWATER ACTIONS

FIGURE GR 4.4


GN34
406
413
474
GN33
LIRR
532
GN32
REACH G2
REACH G1
MONTAUK HIGHWAY
491
GN25
GN35
GN01
GN02
GN26
GN03
GN30
GN29
GN27
GN24
GN28
GN04
GN05
GN06
GN13
GN07
GN08
GN09
GN14
GN15
GN11
GN12
GN10
GN16
GN21
GN23
GN22
BAY 06
BAY 05
BAY 03
Indian 05
Indian 04
Indian 06
Indian 01
Indian 09
Indian 10
Indian 07
Indian 08
GREAT SOUTH BAY
Legend
WATERSHED AREA - GREEN CREEK
SURFACE DRAINAGE BOUNDARY
OUTFALLS - 2001 OUTFALL PLAN
OUTFALLS - CASHIN ASSOCIATES IDENTIFIED
SURFACE WATER LIMITS
0 250 500 1,000 1,500 2,000
Feet
TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
OUTFALL LOCATION MAP
FIGURE GR 2.4.1

SR 454
VETS HWY
JOHNSON AVE
KNICKERBOCKER AVE
CHURCH ST
SUNRISE HWY
PARKWAY AVE
BOHEMIA PKWY
BOURNE BLVD
RAILROAD AVE
LINCOLN AVE
LIRR
Preserved Land
Private Ownership
Cherry Avenue Elementary School
Brookside Nature Preserve
BROOK ST
Sayville High School
MONTAUK HWY
RT 27A
Marina
WEST AVE
Green Creek County Park
GILLETTE AVE
BENSONHAVEN

Legend

- WATERSHED BOUNDARY
- TOWN OF ISLIP (109 ACRES)
- COUNTY OF SUFFOLK (246 ACRES)
- SCHOOL DISTRICT (97 ACRES)
- FEDERAL (73 ACRES)
- town roads

0 500 1,000 2,000 3,000 4,000 Feet

GREAT SOUTH BAY

μ

TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
MUNICIPAL LANDS

FIGURE GR 2.2.8

SR 454
VETS HWY
JOHNSON AVE
KNICKERBOCKER AVE
CHURCH ST
SUNRISE HWY
SUNRISE HWY
BOHEMIA PKWY
RAILROAD AVE
LINCOLN AVE
BOURNE BLVD
LIRR
LIRR
BROOK ST
MONTAUK HWY
RT 27A
WEST AVE
BENSON AV

Legend

- AGRICULTURAL
- RESIDENTIAL (1,040 ACRES)
- VACANT LAND (203 ACRES)
- COMMERCIAL (314 ACRES)
- RECREATION AND ENTERTAINMENT (341 ACRES)
- COMMUNITY SERVICE (219 ACRES)
- INDUSTRIAL (151 ACRES)
- PUBLIC SERVICE (48 ACRES)
- WILD, FORESTED, CONSERVATION LANDS AND PUBLIC PARKS (19 ACRES)

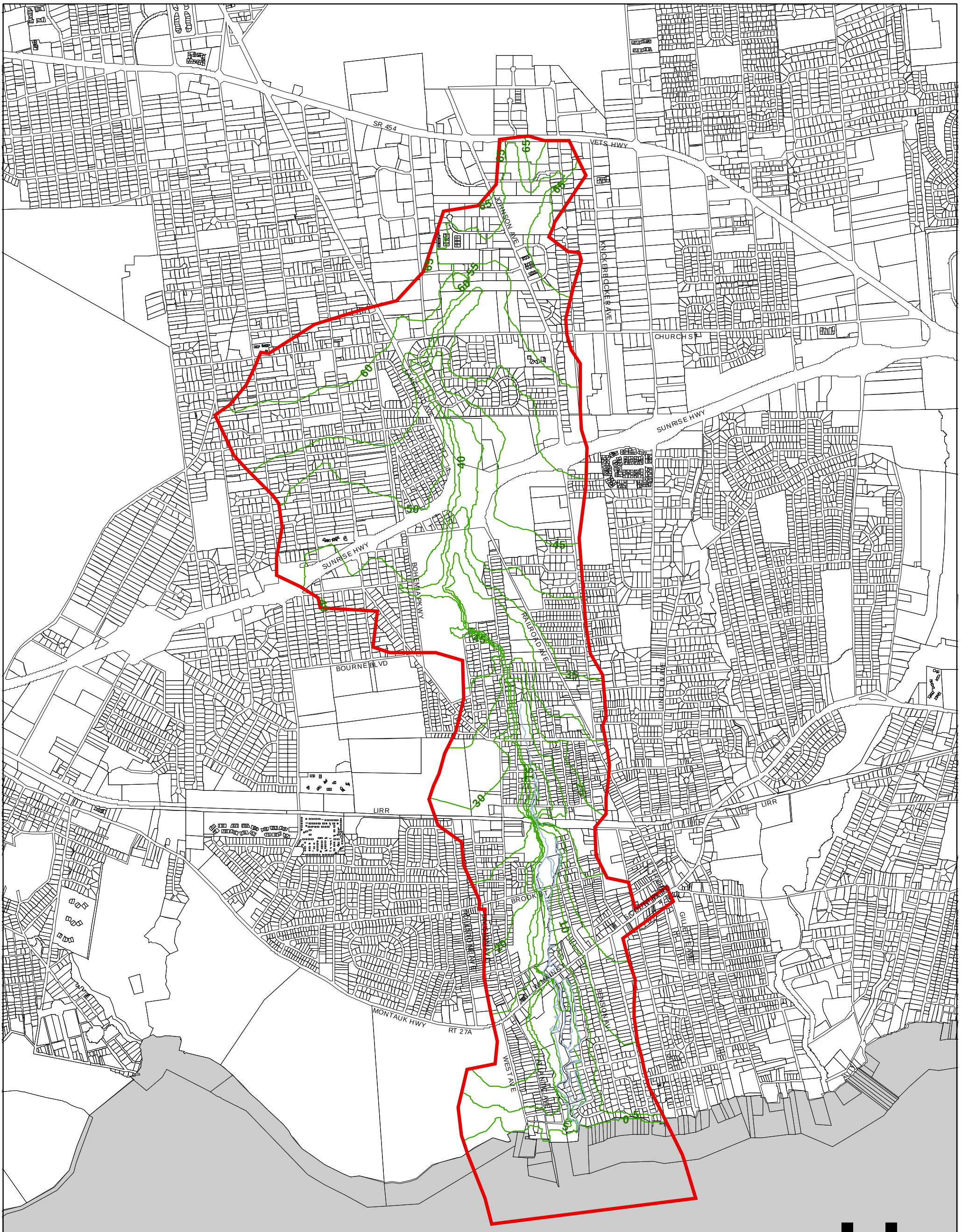
0 500 1,000 2,000 3,000 4,000 Feet

GREAT SOUTH BAY

μ

TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
LAND USE

FIGURE GR 2.2.6


SR 454
VETS HWY
JOHNSON AVE
KNICKERBOCKER AVE
CHURCH ST
SUNRISE HWY
BOHEMIA PKWY
BOURNE BLVD
RAILROAD AVE
LINCOLN AVE
LIRR
BROOK ST
MONTAUK HWY
RT 27A
WEST AVE
65
60
55
50
45
40
35
30
25
20
15
10
5
0
GREAT SOUTH BAY
Legend
WATERSHED BOUNDARY
5 FOOT CONTOURS
0 500 1,000 2,000 3,000 4,000
Feet
μ
TOWN OF ISLIP
WATERSHED MANAGEMENT PLAN
GREEN'S CREEK
TOPOGRAPHY
FIGURE GR 2.2.1