Stormwater Pollution Prevention Plan

Permittee Name: Bergen Community College
Facility Address: 400 Paramus Road Paramus NJ 07652
Permit Number: NJG NJ0141879
Annual Review Date: May 1st
Stormwater Program Coordinator: Kai Banh

Table of Contents

Form 1 – Team Members 3
Form 2 – Revision History 4
Form 3 – Public Announcements 5
Form 4 – Post-Construction Stormwater Management in New Development and Redevelopment ... 6
Form 5 – Regulatory Mechanisms 7
Form 6 – Monthly Street Sweeping 8
Form 7 – MS4 Infrastructure 9
Form 8 – Good Housekeeping 12
Form 9 – Best Management Practices at Maintenance Yards & Other Ancillary Operations 14
Form 10 – Training 18
Form 11 – MS4 Mapping 20
Form 12 – Watershed Improvement Plan 21

Form 1 – Team Members

Stormwater Program Coordinator (SPC)			
Name and Title	Kai Bahn, Coordinator of Environmental Health, and Safety		
Phone	(201) 870-3427	Email	kbanh@bergen.edu
Individual(s) Responsible for Major Development Project Stormwater Management Review			
Name and Title	BJ Parekh, P.E., L.S.R.P		
Phone	(732) 485-9594	Email	bparekh@langan.com
Name and Title			
		Email	
Other Stormwater Team Members			
Name and Title	Terrance Hannon, Grounds Supervisor		
Phone	(201) 956-5142	Email	thannon1@bergen.edu
Name and Title	Michael Hyjeck, Managing Director of Physical Plant		
Phone	(201) 447-7115	Email	mhyjeck@bergen.edu
Name and Title			
Phone		Email	

Shared/Contracted Service Providers		
Provider Name	Service Provided	Term of Service
Bergen County	Street Sweeping	March 11, 2024 - March 10, 2026
Bergen County	Snow Plowing	March 11, 2024 - March 10, 2026

Form 2 – Revision History

Revision Date	Form # Changed	Reason for Revision (Updates to staff, policy, webpage, etc.)
October 2004	All	Development of draft SPPP
May 2014	All	Update of SPPP to current conditions
April 2017	All	Update of SPPP to add Health Professions Building constructed in May 2016
May 2022	All	Update of SPPP to reflect the current Master General Permit requirements and add Student Quad constructed in 2020.
December 2024	All	Update of SPPP to reflect updated permit language.

Form 3 – Public Announcements

Part IV.B. and C.

1. Provide the link to the dedicated stormwater webpage for your Public Complex.
https://bergen.edu/wp-content/uploads/Stormwater-General-Permit-NJG0149802-R11-Authorization.pdf
2. List the name and title of person(s) responsible for stormwater webpage postings/updates.
Kai Banh, EHS Coordinator
3. Only for colleges, universities, and military bases with dependents living on base: List the newspapers, social media outlets, websites, direct mailings (Email or postal), and other communication approaches typically used to inform/educate the public on stormwater program information and related events/activities.
Website:https://bergen.edu/faculty-staff/information-technology/recordsmanagementservices/

Form 4 – Post-Construction Stormwater Management in New Development and Redevelopment

Part IV.E.

1. How does the permittee define "major development"? If it is different from the definition in N.J.A.C. 7:8, explain the difference.
The permittee does not differ from the definition of the Major Development as indicated in N.J.A.C. 7:8.
2. Describe the process for reviewing and approving major development project applications for compliance with the Stormwater Management Rules at N.J.A.C. 7:8.
The Construction/Stormwater Management Coordinator will be responsible to ensure that all major development projects proposed on campus meet the requirements identified in this SPPP. New developments must be recorded and maintained in the New Development Project Summary. Additionally, a Post-Construction Program Design Checklist must be completed for all major development projects as provided in Appendix A. The Construction Stormwater Management Coordinator will also be responsible for ensuring that proper operation and maintenance of all new and redeveloped stormwater facilities in undertaken.
3. Did the permittee request a variance from the design and performance standards for the stormwater measures? Describe the process of developing a mitigation plan.
No variances have been requested; however, if they are, records will be submitted to the NJDEP and the Stormwater County Planning Board upon approval and copies will be kept for reference.
4. Indicate the physical location of approved applications for major development projects and Major Development Summary Sheets.
The primary location of this document, approved applications for major development projects, and Major Development Summary Sheets are located in the Environmental files in the Building and Grounds department offices on the main campus for BCC in Paramus, New Jersey.

Form 5 – Regulatory Mechanisms

Part IV.F.1.

Regulatory Mechanism	Date Adopted	Was the DEP model adopted without change? If not, explain how the Public Complex's Regulatory Mechanism is more stringent.	Entity Responsible for Enforcement	Fees & Fines
1. Pet Waste Control	*	BCC does not have residents or pet owners on campus, therefore they are not subject to this requirement. Students are not permitted to have animals on campus except as may be required for a class, or for use of service animals.	BCC Student Code of Conduct	$___
2. Wildlife Feeding Control	*	Yes.	Code Enforcement	$___
3. Litter Control	*	Yes.	BCC Student Code of Conduct	$__
4. Improper Disposal of Waste	*	Yes.	Code Enforcement	$__
5. Yard Waste	*	Campus grounds are maintained by BCC which prohibits placing non-containerized yard waste into the street. Leaves and grass clippings are left on the property. If BCC generates vegetative wastes, they will not be placed closer than 10 feet from any storm sewer inlet on campus. The college is a single entity with no residents; therefore, yard waste pickups do not apply to the college.	Code Enforcem	$___

List any additional stormwater-related regulations the permittee has adopted that address issues beyond the scope of the MS4 permit, if applicable. Include adoption date, entity responsible for enforcement, and related fees and fines.

No additional stormwater-related regulations performed beyond the scope of the MS4 permit.

Indicate the location of records associated with regulations and related violations and enforcement actions below.

https://bergen.edu/faculty-staff/information-technology/recordsmanagementservices/

Form 6 – Monthly Street Sweeping

Part IV.F.2.c.

1. Provide a written description and/or attach a map outlining all paved parking lots and streets on your property that have storm drain inlets that direct stormwater runoff into an MS4 or discharge directly to surface water. *Note: Only asphalt and concrete roads need to be swept. Roads that do not have storm drain inlets and do not discharge to surface water do <u>not</u> need to be swept.*
All paved parking areas and roads with inlets owned by BCC are swept once a month. The attached plan prepared by GZA GeoEnvironmental, Inc. shows the location of the paved roads. The plans also show the location of the catch basins, drains and outfalls.
2. Indicate if sweeping work is outsourced and if so, describe the arrangement.
BCC outsources street sweeping of parking lots and curbed streets on campus to a third-party entity. The contractor performs a minimum of once per month, weather and street surface condition permitting. During the winter months, BCC outsources snow plowing of parking lots and curbed streets on campus to a third-party entity. BCC shall annually certify they have met this requirement.

Form 7 – MS4 Infrastructure

Part IV.F.2.d-f. and Part IV.F.3.

1. Storm Drain Inlets

a. Describe how inlets owned or operated by the permittee that do not have a permanent wording cast into the design have been properly labelled.
b. Describe how you ensure that Public Complex owned storm drain inlets have been retrofitted.
c. Describe how you ensure that newly installed storm drain inlets include corresponding catch basins or other BMPs to collect solids.
d. Describe when and how you conduct inspections of storm drain inlets and the criteria used to determine when they need to be cleaned.

a. BCC maintains all labels and makes appropriate repairs/replacements as required. BCC shall certify annually that storm drain inlets are labeled. BCC shall certify annually that a storm drain inlet labeling maintenance program has been developed and implemented.

b. Storm drain inlet retrofitting is required when inlets come in direct contact with repaving, repairing (excluding repair of individual potholes), or resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen) or reconstruction or alterations of facilities. All projects undertaken that meet the above criteria must meet the design standards in Appendix B (Design Standards for Storm Drain Inlets). Compliance with this standard shall be identified in the annual report and certification form as well as in the Post Construction Program Design Checklist for individual projects provided in Appendix A. Compliance with this standard shall be identified in the annual report and certification form as well as in the Post Construction Program Design Checklist for individual projects provided in Appendix A.

c. All plans for newly constructed storm drain inlets shall include a catch basin or some sort of BMP to collect solids and floatables. BCC shall annually certify that each storm drain let has met this requirement.

d. The ground crew inspects inlets annually. Observed debris is removed and properly disposed of.

2. Catch Basins

a. Describe when and how you conduct inspections of catch basins.
b. Describe the criteria used to determine when catch basins need to be cleaned. Include a description of the equipment and techniques used.

a. All catch basins/inlets on campus is inspected at least once per year.

b. Observations must be documented in the forms provided in Appendix C. Copies of these completed forms shall be maintained in the SPPP binders in Appendix C. BCC shall annually certify that they have met this requirement.

3. Conveyance System

a. Describe when and how inspections of MS4 conveyance systems are conducted.
b. Describe the criteria used to determine when they need to be cleaned. Include a description of the equipment and techniques used.

a./b. BCC shall develop, update and implement a program to ensure adequate long-term cleaning, operation and maintenance of all owned or operated stormwater facilities at the college. Long-term cleaning, operation and maintenance activities must be documented in the forms provided in Appendix C. Copies of these completed forms shall be maintained in the SPPP binders in Appendix C. BCC shall annually certify that they have met this requirement.

4. Outfall Inspections

a. Structural Integrity – Describe the program in place to check the overall condition of stormwater outfalls. Include a description of the equipment and techniques used.
b. Stream Scouring – Describe the program in place to detect, investigate, and control localized stream scouring from stormwater outfalls. Include a description of the equipment and techniques used.
c. Illicit Discharge Detection and Elimination – Describe the program in place for conducting visual dry weather inspections of Public Complex owned or operated outfalls. Include a description of the equipment and techniques used. Record cases of illicit discharges using the DEP's Illicit Connection Inspection Report Form from the Department's main stormwater webpage.

a/b. BCC shall implement structural intrgrity/stormwater outfall pipe scouring detection, remediation, and maintenance program to detect and control localized stream and stream bank scouring in the vicinity of the campus outfall pipes. The program should identify all areas where localized stream and bank scouring occurs as a result of stormwater discharges from BCC's MS4. Areas where stream and bank scouring have occurred will be prioritized for repairs. Repairs must be made in accordance with the Standards for Soil Erosion and Sediment Control in New Jersey. Inspections and maintenance activities shall be documented in the forms provided in Appendix C. Copies of completed forms shall be maintained in the SPPP binders in Appendix C. BCC shall annually certify they have met this requirement.

c. BCC has completed an initial physical inspection of all its outfall pipes and has developed an ongoing program to detect and eliminate illicit connections in accordance with the procedures provided in Attachment A of the permit. The program includes annual illicit connection inspections, routine inspections and maintenance of the small MS4, and investigating complaints and reports of illicit connections. Annual illicit connection inspections shall be performed using the inspection forms provided in Appendix C. Any observed dry weather discharges are documented and investigated using the forms provided in Appendix C. Completed forms shall be submitted with the annual certification report to NJDEP.
If the dry weather flow found is intermittent (i.e., not constant), a minimum of three additional investigations must be conducted to attempt to locate the illicit connection. If an illicit connection cannot be located or is found to emanate from an entity other than BCC, BCC must submit a written explanation detailing the results of the investigation to NJDEP. Once the investigation is completed, it will be necessary to complete an Investigation Closeout Form provided in Appendix C. A copy of this completed form must be submitted to NJDEP. All illicit connections found that result from BCC's own illicit connections must be eliminated within six months of discovery.
BCC shall annually certify that they have met this requirement. The annual certification must include the inspection reports listing the number of outfalls physically inspected, the number of outfalls found to have dry weather flow, the number of illicit connections found, and the number of illicit connections eliminated, if applicable.

5. Other Infrastructure

List the types of MS4 infrastructure on the Public Complex property that requires inspection but are not noted above in items 1-4. Describe when and how you conduct inspections of this infrastructure and the criteria used to determine when they need to be maintained and/or cleaned.

Two Outlet Control Units - located within the footprint of the property, and one outlet control unit located outside of the structure

6. Infrastructure Records

Indicate the location of records related to stormwater infrastructure inspection, cleaning, maintenance, and repair activities.

Hard copies related to stormwater inspection, cleaning, maintenance, and repair activities are stored and located on the main campus.

Form 8 – Good Housekeeping

Part IV.F.2.g-l.

1. Herbicide Application Management Describe your program for preventing herbicides from being washed into the waters of the State and to prevent erosion caused by de-vegetation.
BCC shall only apply herbicides within a 2-foot radius around structures where overgrowth presents a safety hazard and where it is unsafe to mow. BCC shall certify annually that an herbicide application management program has been developed and implemented.
2. Excess De-icing Material Management Describe your program for ensuring that excess piles of salt and de-icing/anti-icing materials are removed in a timely manner after storm events.
BCC shall implement Best Management Practices in accordance with New Jersey's Best Management Practices Manual – Stormwater. BCC shall annually certify they have met this requirement.
3. Vegetative Waste Management Describe your program for ensuring proper pickup, handling, storage, and disposal of wood waste and yard trimmings generated at the Public Complex, such as trimming trees, mowing, etc.
BCC shall ensure the proper pickup, handling, storage and disposal of yard trimmings generated at the Public Complex. Yard trimmings shall be prohibited from being blown or deposited into storm drain inlets. BCC shall certify annually that a yard trimming management program has been developed and implemented.
4. Tree Replacement Management Describe your program for ensuring the proper removal and replacement of trees at your Public Complex.
Dead trees are chipped on-site an replaced in-kind.

5. Roadside Erosion Control Describe your program to detect and repair erosion along Public Complex owned driveways, streets, and parking areas.
Native vegetation exists along the roadside to provide stabilization, and routine erosion inspections are performed regularly, particularly after rain events.
6. Outdoor Refuse Containers and Dumpsters Describe your program to ensure that outdoor dumpsters and refuse containers on Public Complex property are covered and not discharging pollutants to stormwater or surface water.
BCC shall manage their waste disposal containers to prevent any liquid, semi-liquid, or solid discharge from reaching the environment. Outdoor dumpsters and other refuse containers on campus are covered at all times. BCC shall annually certify they have met this requirement.

Form 9 – Best Management Practices at Maintenance Yards & Other Ancillary Operations

Part IV.F.4.

Please complete a separate Form 9 for each yard or site. Indicate the number of yards/sites the Public Complex owns or operates: 1

1. Site Name and Address

Equipment Garage - 400 Paramus Road, Paramus NJ 07652

2. Monthly Site Inspections

Describe the nature of inspections conducted at this site and the location of inspection logs.

BCC shall implement Best Management Practices in accordance with New Jersey's Best Management Practices Manual – Stormwater. BCC shall annually certify they have met this requirement.

3. Inventory List

List all materials and machinery that are potentially exposed to stormwater.

Materials	Machinery/Equipment
Magnesium Chloride snow melt	Power V Plow Toro Snow Blower
Rocksalt	A770 All-Wheel Steer Loader
	Polar Trac Kit Groundmaster
	John Deere Tractor Loader Backhoe

4. Discharge of Stormwater from Secondary Containment Describe the process in place for discharging stormwater from secondary containment areas where outdoor containers are stored.
Kai we would need more information on this one.
5. Fueling Operations Does fueling occur on site? If so, describe the BMPs in place to minimize contamination of stormwater from fueling activities. If not, explain where fueling takes place.
Yes,on-site exists a Convault 500 gallon Diesel / 1500 gallon Gasoline Above Ground Storage Tank are owned and operated by the county.
6. Vehicle/Equipment Maintenance and Repair Do you perform maintenance and repair on site? Is this conducted indoors or outdoors? If outdoors, describe the BMPs in place to minimize contamination of stormwater from maintenance and repair activities.
Vehicle/equipment repairs are not performed on-site.

7. Wash Wastewater Containment Do you wash vehicles on site? If so, describe the BMPs in place to minimize contamination of stormwater from these activities. Note that on site containment structures require annual inspections by a NJ licensed professional engineer. If not, explain where vehicle washing takes place.
Vehicle washing is not performed on-site.
8. Salt and Other Granular De-icing/Anti-icing Materials Do you store salt and other granular de-icing/anti-icing materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.
De-icing materials are stored on pallets and covered inside the storage building.
9. Aggregate Material, Wood Chips, and Finished Leaf Compost Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.
These materials are not stored on-site.
10. Cold Patch Asphalt Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.
No cold patch/ashpalt stored on-site. Maintenance and repairs performed by the county.

11. Street Sweepings and Storm Sewer Clean-out Materials Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.
Street Sweepings are not stored on-site.
12. Construction and Demolition Waste, Wood Waste, and Yard Trimmings Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.
These materials are not stored on-site.
13. Scrap Tires Do you store these materials on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater from these materials. If not, explain where these materials are stored.
Scrap tires are not stored on-site.
14. Inoperable Vehicles and Equipment Do you store inoperable vehicles or equipment on site? If so, describe how they are stored and the BMPs in place to minimize contamination of stormwater. If not, explain where they are stored.
No long term storage of inoperable vehicles stored on-site.

Form 10 – Training

Part IV.F.5-8.

Stormwater Program Coordinators
Describe the training provided for the Stormwater Program Coordinator.
Topics covered during training included Waste Disposal Education, Stormwater Facility Maintenance, Control Measures, Outfall Pipe Streaming Scouring, Illicit Connection Elimination and Outfall Pipe Mapping, Regulatory Mechanisms, Street Sweeping, Post Construction Storm-water Management.

Topic	**Public Complex Employees** Examples: in-person or virtual group sessions, e-Learning, field trainings, and videos
Describe the training provided for staff.	
SPPP	Virtual/in-person sessions performed
Construction Site Stormwater Runoff	in-person sessions
Post-Construction Stormwater Management in New and Redevelopment	in-person sessions
Regulatory Mechanisms	in-person sessions
Good Housekeeping	in-person sessions
Stormwater Facilities Maintenance	in-person sessions
Maintenance Yards and Other Ancillary Operations	in-person sessions

MS4 Mapping	in-person sessions
Outfall Stream Scouring	in-person sessions
Illicit Discharge Detection and Elimination	in-person sessions

Stormwater Management Design Reviewers
Describe the training provided for individuals responsible for reviews and approvals of stormwater management designs and any amendments to N.J.A.C. 7:8 if applicable.
Not Applicable

Training Records
Indicate the location of training records for the above required training.
https://bergen.edu/faculty-staff/information-technology/recordsmanagementservices/

Form 11 – MS4 Mapping

Part IV.G.1.

1. Provide a link to the most current MS4 outfall/infrastructure map.

https://bergen.edu/wp-content/uploads/Stormwater-General-Permit-NJG0149802-R11-Authorization.pdf

2. Indicate the total of each type of MS4 infrastructure listed below (due 01 Jan 2026).

a. MS4 outfalls	4
b. MS4 ground water discharge points (basins or overland flow infiltration areas)	2 outlet controls onsite, 1 offsite
c. MS4 interconnections	16
d. MS4 storm drain inlets	254
e. MS4 manholes	42
f. Length of conveyance (channels, pipes, ditches, etc.)	Approx 28,000 linear ft
g. MS4 pump stations	0
h. MS4 stormwater facilities (any that are not listed above)	0
i. Maintenance yard(s) and other ancillary operations	1

3. Describe how the Public Complex's outfall/infrastructure map is reviewed and updated to reflect any new or newly identified MS4 infrastructure (e.g., an outfall is closed, a new basin is constructed, ownership of an outfall has changed, etc.).

- The MS4 maps are reviewed annually during training and inspections. The infrastructure has not changed, therefore the outfalls have not changed.

4. Describe how the Public Complex will create and update its MS4 Infrastructure Map.

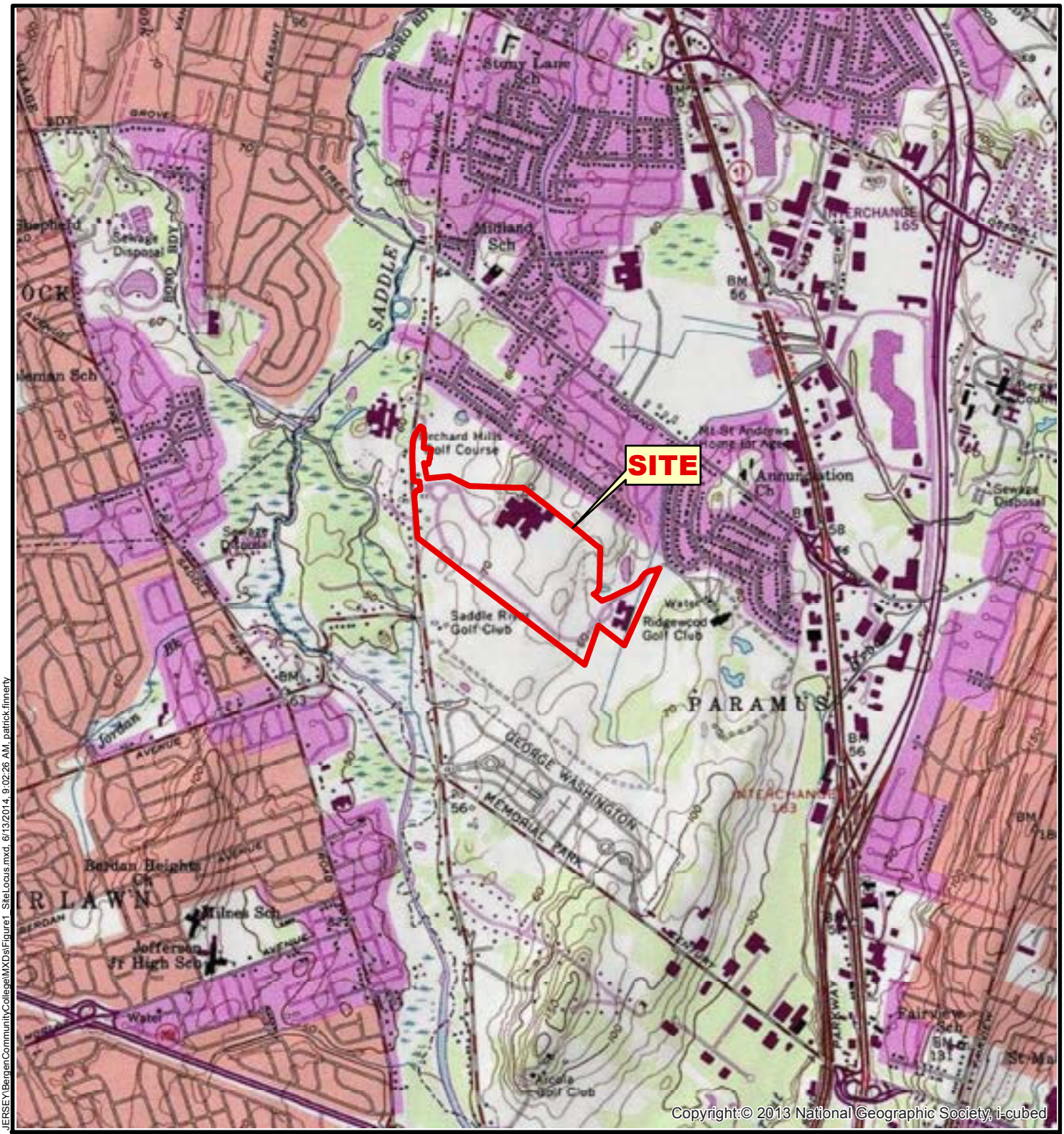
MS4 Infrasturcutre Map will be updated during any revisions to existing Map.

Form 12 – Watershed Improvement Plan

Part IV.H.

1. Describe how your Public Complex is developing or helping to develop a Watershed Improvement Plan.
BCC is part of the Bergen County, therefore does not maintain a separate Watershed Improvement Plan. BCC would comply with the requirements set forth by the Bergen County
2. Describe any regional projects or collaboration efforts with municipalities.
None
3. Indicate the location of records related to all public information sessions and meetings for discussions of the Watershed Improvement Plan.
Not Applicable

Figures



USGS QUADRANGLE LOCATION



N
W E
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SOURCE : THIS MAP CONTAINS THE ESRI ARCGIS ONLINE WORLD TOPOGRAPHIC MAP SERVICE, PUBLISHED FEBRUARY 2011 BY ESRI ARCIMS SERVICES. THE SERVICE WAS COMPILED TO UNIFORM CARTOGRAPHY USING A VARIETY OF BEST AVAILABLE SOURCES FROM SEVERAL DATA PROVIDERS.

Data Supplied by : esri

0 1,000 2,000 4,000 6,000

SCALE IN FEET

GZA

PROJ. MGR.: TWK
DESIGNED BY: JAP
REVIEWED BY: DMW
OPERATOR: PCF

DATE: JUNE 2014

LOCUS MAP

JOB NO. 12.0076230.00

STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS ROAD, PARAMUS, NEW JERSEY 07652

FIGURE NO. 1

© 2014 - GZA GeoEnvironmental, Inc. T:\Clients\office_NORTHERN_NEW_JERSEY\BergenCommunityCollege\MXDs\Figure1_SiteLocus.mxd, 6/13/2014, 9:02:26 AM, patrick.finnerty



Legend:

- Outfall
- Drainage Arrows
- River or Stream
- Waterbody
- French Drain
- Infiltration Basin
- Underground Detention Basin
- 2' Contour
- Stormwater Drain Pipe
- Disconnected Drain Pipe
- Culvert
- Drainage Area Boundary
- Approximate Site Boundary

Stormwater Conveyance

- Floor Drain
- Inlet
- Manhole
- Outlet
- Outlet Control
- Roof Drain
- Trench Drain
- Water Quality Unit

N W E S

0 250 500 1,000 FEET

NOTES:
1) THIS MAP CONTAINS "NEW JERSEY 2020 HIGH RESOLUTION ORTHOPHOTOGRAPHY" AVAILABLE BY NJ OFFICE OF INFORMATION TECHNOLOGY AND OFFICE OF GIS (NJOGIS), CAPTURED BETWEEN APRIL 2, 2020 AND MAY 5, 2020.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.
3) THE STREAM AND WATERBODY LAYERS ARE FROM THE NATIONAL HYDROGRAPHY DATASET (NHD) FOR NEW JERSEY . THE LAYERS WERE LAST UPDATED SEPTEMBER 2013.
4) CONTOURS AND SHEET FLOW WERE DERIVED FROM LIDAR DATA CREATED IN 2007 AND OBTAINED FROM THE NEW JERSEY GEOGRAPHIC INFORMATION NETWORK.

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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS ROAD
PARAMUS, NEW JERSEY 07652

CAMPUS DRAINAGE AND OUTFALL MAP

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
BERGEN COMMUNITY COLLEGE
400 PARAMUS RD
PARAMUS, NJ, 07652-1595

PROJ MGR: MP	REVIEWED BY: MP	CHECKED BY: MP	FIGURE 2
DESIGNED BY: BR	DRAWN BY: BL	SCALE: 1 in = 500 ft	
DATE: FEBRUARY 2022	PROJECT NO. 12.0076230.10	REVISION NO. #2	

© 2022 - GZA GeoEnvironmental, Inc. \\GZAfairfieldnj\Proposals\2022\22-370, BCCC SPPP Update\WORK\GIS\MXDs\2022\Figure2_CampusDrainageAndOutfallMap.mxd, 2/25/2022, 3:33:10 PM, belinda.lester



Legend:

- River or
- Waterbody
- Approximate Site

Natural Heritage Grid

The plant species sited within the grid that is within the site boundary is Hottonia inflata (Featherfoil).

- M - Documented Location Known Within 1.5

Natural Heritage Priority Sites for Rare Species and Ecological Communities March 2007 Version

Note: Data source does not appear to have any standard sites or macrosites within the college campus

- Standard Site (usually < 3200 acres in
- Macrosite (usually > 3200 acres in

Species-Based Habitat - Piedmont Plains

- Rank 1 - Habitat specific requirements
- Rank 2 - Special Concern
- Rank 3 - State Threatened
- Rank 4 - State Endangered
- Rank 5 - Federal Listed

0 250 500 1,000

1:6,000 | 1 INCH = 500 FEET

SCALE IN FEET

N W E S

NOTES:

1) 1) THE NATURAL HERITAGE GRID MAP WAS PRODUCED USING COMPUTER-GENERATED VECTOR BASED POLYGONS THAT DIVIDE THE BOUNDARY LINES OF EACH USGS 1:24,000 SCALE TOPOGRAPHIC MAP INTO 100 GRID CELLS. THE DATA WAS LAST UPDATED NOVEMBER 2009 AND DOWNLOADED FROM THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION (NJDEP) ON MAY, 2014. THIS MAP IS INTENTED TO DEMOSTRATE A REVIEW OF SPECIES LOCATED WITHIN THE SITE BOUNDARY AS A PLANNING TOOL ONLY. ACTUAL SPECIES FOUND IN THE VINCINITY MAY VARY.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.
3) THE STREAM AND WATER BODY LAYER IS FROM THE NATIONAL HYDROGRAPHY DATASET (NHD) FOR NEW JERSEY. THE LAYER WAS LAST UPDATED SEPTEMBER 2013.
4) THE LANDSCAPE PROJECT VERSION 3.1 THE WILDLIFE HABITAT MAPPING FOR COMMUNITY LAND-USE PLANNING AND SPECIES CONSERVATION WAS REVISED AND UPDATED FEBRUARY 2012 AND DEVELOPED BY NEW JERSEY DIVISION OF FISH AND WILDLIFE DEPARTMENT

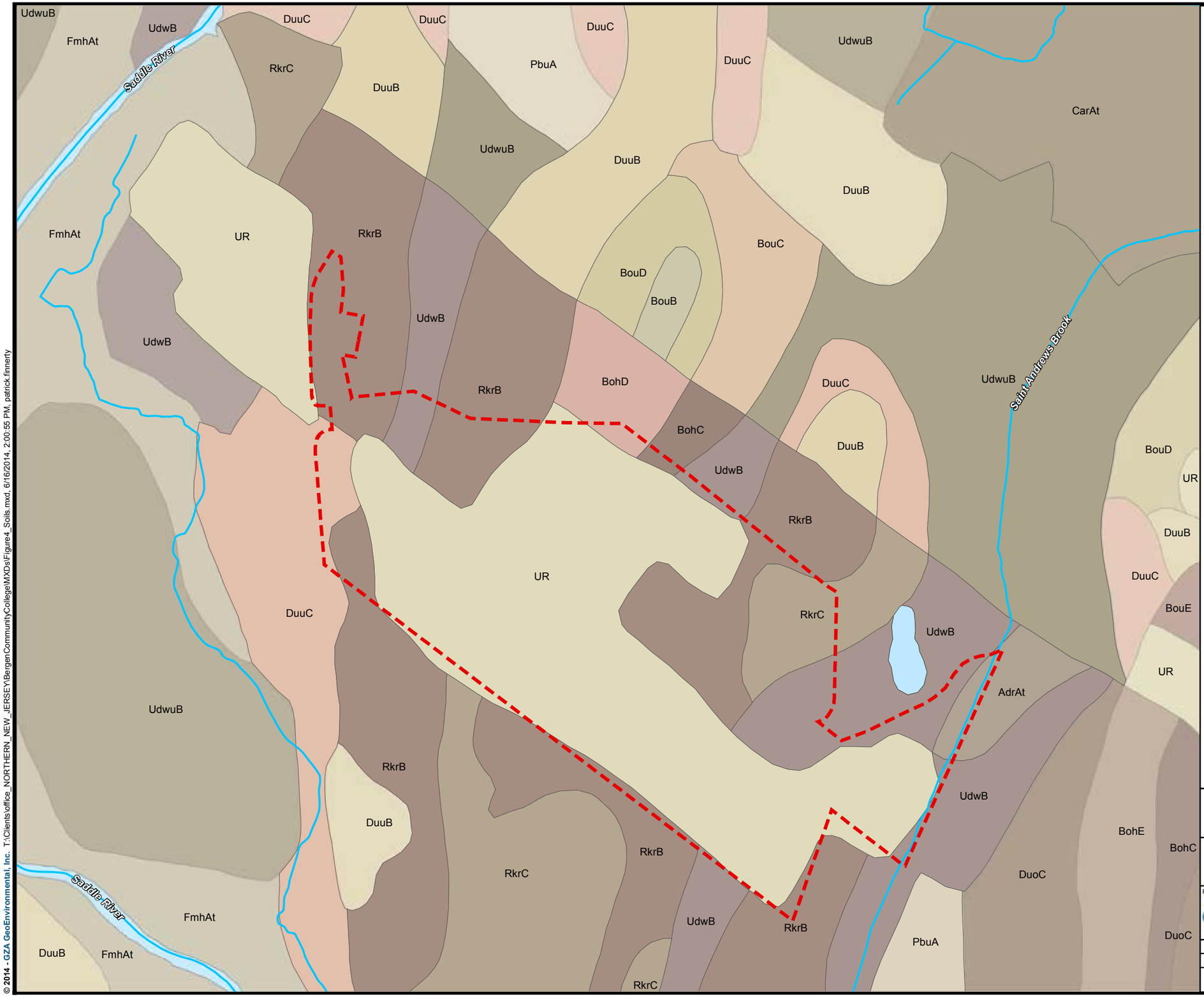
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS ROAD
PARAMUS, NEW JERSEY 07652

THREATENED AND ENDANGERED SPECIES MAP

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS ROAD PARAMUS, NJ 07652	
PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 3
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 500 ft	
DATE: APRIL 2017	PROJECT NO. 12.0076230.00	REVISION NO.	

© 2017 - GZA GeoEnvironmental, Inc. \\Gzasyracuse1\gis\Clients\office_FAIRFIELD\BergenCommunityCollege\MXDs\Figure3_EndangeredSpecies.mxd, 2/10/2017, 8:30:45 AM, edward.morris



Legend:

- River or Stream
- Approximate Site Boundary

Soil Type

- AdrAt;Adrian muck, 0 to 2 percent slopes, frequently flooded
- BohC;Boonton moderately well drained gravelly loam, 8 to 15 percent slopes
- BohD;Boonton moderately well drained gravelly loam, 15 to 25 percent slopes
- BouB;Boonton-Urban land complex, 0 to 8 percent slopes
- BouC;Boonton-Urban land complex, 8 to 15 percent slopes
- BouD;Boonton-Urban land complex, 15 to 25 percent slopes
- DuuB;Dunellen-Urban land complex, 3 to 8 percent slopes
- DuuC;Dunellen-Urban land complex, 8 to 15 percent slopes
- PbuA;Pascack silt loam, 0 to 3 percent slopes
- RkrB;Riverhead sandy loam, 3 to 8 percent slopes
- RkrC;Riverhead sandy loam, 8 to 15 percent slopes
- UR;Urban land
- UdwB;Udorthents, wet substratum, 0 to 8 percent slopes
- UdwuB;Udorthents, wet substratum-Urban land complex
- Water

0 250 500 1,000

1:6,000 | 1 INCH = 500 FEET

SCALE IN FEET

N W E S

NOTES:
1) SOILS WERE DOWNLOADED FROM THE USDA. NRCS GEOSPATIAL GATEWAY. THE SOILS WERE MAPPED AT A 1:20,000 FEET SCALE. THE DESIGN OF THE MAP UNITS AND LEVEL OF DETAIL SHOWN IN THIS SOIL MAP ARE DEPENDENT ON THE MAP SCALE, THEREFORE, THE SOILS SHOULD ONLY BE USED FOR PLANNING PURPOSES AS THE DISPLAYED DATA DETAILS IS APPROXIMATE LOCATIONS OF SOIL BOUNDARIES.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.
3) THE STREAM LAYER IS FROM THE NATIONAL HYDROGRAPHY DATASET (NHD) FOR NEW JERSEY. THE LAYER WAS LAST UPDATED SEPTEMBER 2013

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400 PARAMUS ROAD
PARAMUS, NEW JERSEY 07652

SOILS MAP

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400 PARAMUS ROAD
PARAMUS, NJ 07652

PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 4
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 500 ft	
DATE: JUNE 2014	PROJECT NO. 12.0076230.00	REVISION NO.	

© 2014 - GZA GeoEnvironmental, Inc. T:\Clients\office_NORTHERN_NEW_JERSEY\Bergen Community College\MXDs\Figure4_Soils.mxd, 6/16/2014, 2:00:55 PM, patrick.finnerty



Legend:

- River or Stream
- Approximate Site Boundary

Wetland Type (NWI)

- Freshwater Forested/Shrub Wetland
- Freshwater Emergent Wetland
- Freshwater Pond
- Riverine

0 250 500 1,000

1:6,000 | 1 INCH = 500 FEET

SCALE IN FEET

N W E S

NOTES:
1) NATIONAL WETLANDS INVENTORY (NWI) DATA REPRESENTS THE EXTENT, APPROXIMATE LOCATION AND TYPE OF WETLANDS. THE DEPICTED LOCATIONS SHOULD BE CONSIDERED APPROXIMATE AT THE MAP SCALE.
2) NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION (NJDEP), OFFICE OF INFORMATION RESOURCES MANAGEMENT. FRESHWATER WETLANDS DELINEATIONS WERE MADE ON 1986 ORTHOPHOTO QUARTERQUAD BASEMAPS (1:12000) BY PHOTO INTERPRETATION OF 1986 CIR PHOTOS. THE DEPICTED LOCATIONS SHOULD BE CONSIDERED APPROXIMATE AT THE MAP SCALE.
3) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.
4) THE STREAM LAYER IS FROM THE NATIONAL HYDROGRAPHY DATASET (NHD) FOR NEW JERSEY . THE LAYER WAS LAST UPDATED SEPTEMBER 2013.

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400 PARAMUS ROAD
PARAMUS, NEW JERSEY 07652

WETLANDS MAP

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PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 5
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 500 ft	
DATE: APRIL 2017	PROJECT NO. 12.0076230.00	REVISION NO.	

© 2017 - GZA GeoEnvironmental, Inc. J:\12.0076230.00 Bergen Community College\MXDs\Figure5_Wetlands.mxd, 4/24/2017, 2:22:14 PM, kevin.walsh



Legend:

- Outfall
- Drainage Arrows
- River or Stream
- Waterbody
- French Drain
- Infiltration Basin
- Underground Detention Basin
- Stormwater Drain Pipe
- Disconnected Drain Pipe
- Culvert
- Inspection Area
- Approximate Site Boundary

Stormwater Conveyance

- Floor Drain
- Inlet
- Manhole
- Outlet
- Outlet Control
- Roof Drain
- Trench Drain
- Water Quality Unit

N W E S

0 175 350 700 FEET

NOTES:
1) THIS MAP CONTAINS "NEW JERSEY 2020 HIGH RESOLUTION ORTHOPHOTOGRAPHY" AVAILABLE BY NJ OFFICE OF INFORMATION TECHNOLOGY AND OFFICE OF GIS (NJOGIS), CAPTURED BETWEEN APRIL 2, 2020 AND MAY 5, 2020.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.
3) THE STORMWATER CONVEYANCE INVENTORY WAS COLLECTED FROM A NUMBER OF SOURCES INCLUDING THE FOLLOWING:
•A FIELD VISIT BY GZA ON APRIL 24, 2014;
•A FIELD VISIT TO THE NEW QUAD AREA BY GZA ON FEBRUARY 18, 2022;
•DRAFTED SPPP MAPS BY PRINCETON HYDRO, LLC DATED JANUARY 10, 2011;
•BERGEN COMMUNITY COLLEGE – PHASE 1 SITE UTILITIES PLAN DATED MARCH 3, 1989;
•BERGEN COMMUNITY COLLEGE – NEW OUTDOOR STUDENT QUAD PLAN BY RSC ARCHITECTS DATED APRIL 2019;
•BERGER ASSOCIATES – PROJECT A&B CLASS/LAB/LIBRARY/THEATRE & STUDENT CENTER DATED JUNE 30, 1989;
•LAPATK ASSOCIATES, INC – MAIN ENTRANCE ROAD SITE / GRADING & DRAINAGE PLAN DATED MAY 15, 1991;
•LAPATKA ASSOCIATES, INC – PARKING DECK LOT A SITE / GRADING & DRAINAGE PLAN DATED APRIL 18, 2002;
•WEST HALL – COMMUNICATION ARTS BUILDING CONSTRUCTION DRAWINGS DATED SEPTEMBER 15, 2004; AND
•LAIMO GROUP – BUS LANE RECONFIGURATION PLAN SET DATED OCTOBER 21, 2008.
BERGEN COUNTY COMMUNITY COLLEGE IS RESPONSIBLE FOR MAINTAINING THE STORMWATER CONVEYANCE SYSTEM MAPPINGS AS PART OF THE SPPP OPERATIONS AND MAINTENANCE PROGRAM.

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400 PARAMUS ROAD
PARAMUS, NEW JERSEY 07652

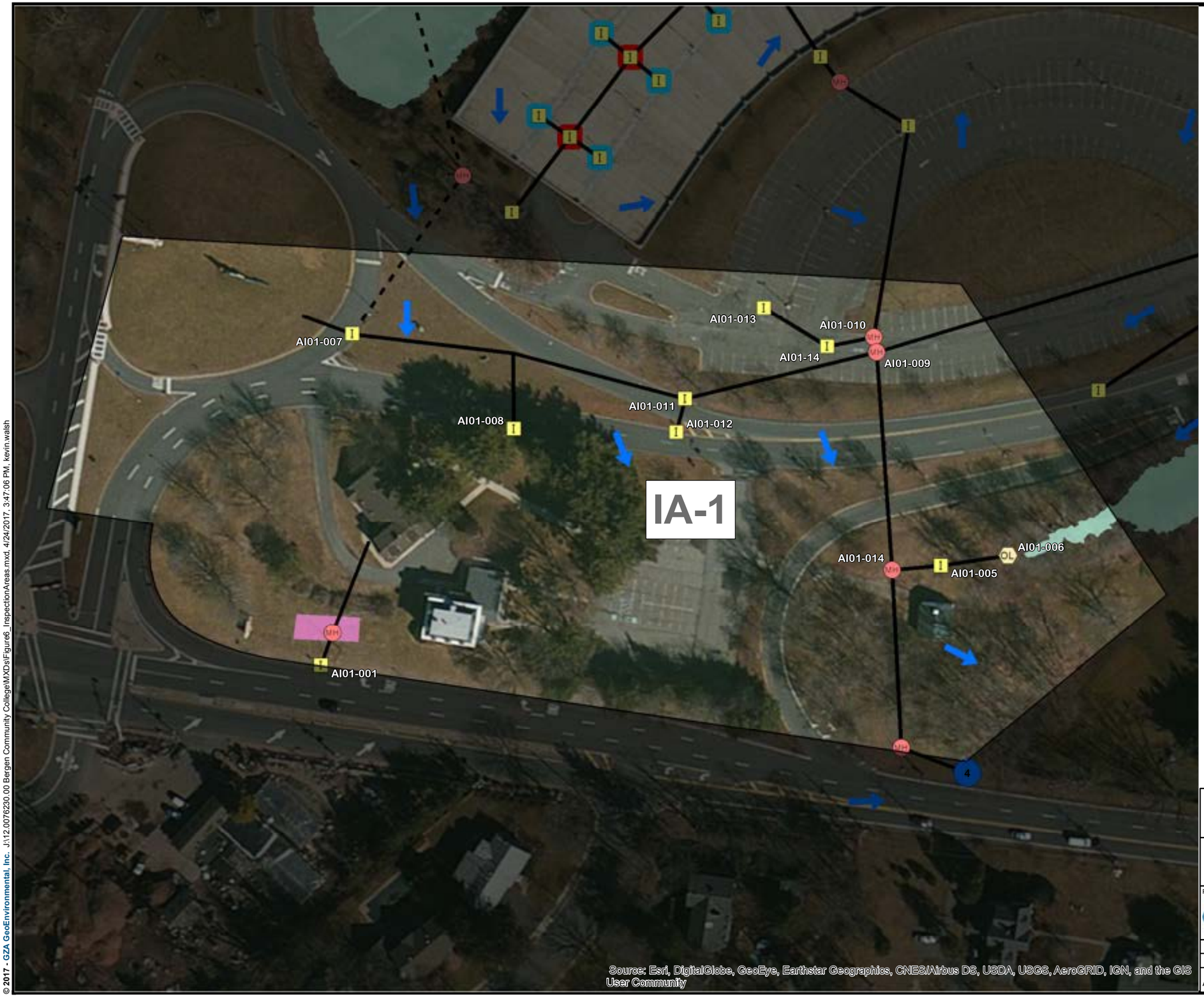
STORWMATER DRAINAGE SYSTEM OVERVIEW MAP FOR O&M

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Engineers and Scientists
www.gza.com

PREPARED FOR:
BERGEN COMMUNITY COLLEGE
400 PARAMUS RD
PARAMUS, NJ, 07652-1595

PROJ MGR: SJR	REVIEWED BY: SJR	CHECKED BY: DW	FIGURE 6
DESIGNED BY: BR	DRAWN BY: KJW	SCALE: 1 in = 350 ft	
DATE: FEBRUARY 2022	PROJECT NO. 12.0076230.10	REVISION NO. #2	

© 2022 - GZA GeoEnvironmental, Inc. \\GZAfairfieldnj\Proposals\2022\22-370_BCCC SPPP Update\WORK\GIS\MXDs\2022\Figure6_InspectionAreaOverview.mxd, 2/25/2022, 3:31:33 PM, belinda.lester



Legend:

- Outfall
- Sheet Flow
- Stormwater Drain Pipe
- Disconnected Drain Pipe
- Infiltration Basin
- Underground Detention Basin

Stormwater Conveyance

- Inlet
- Manhole
- Outlet

0 40 80 160 FEET

N E S W

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.

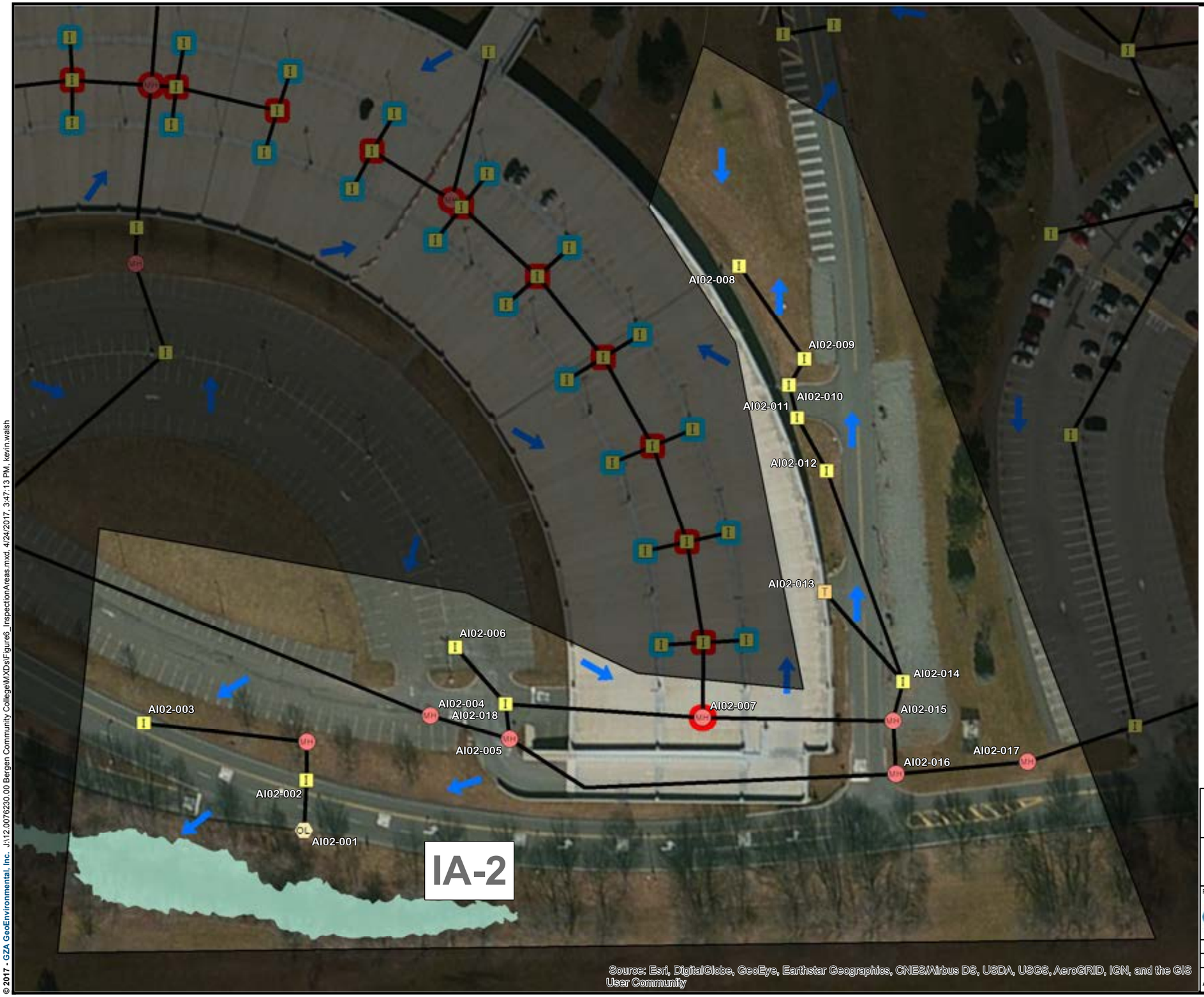
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400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 1

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PROJ MGR: SJR	REVIEWED BY: SJR	CHECKED BY: DW	FIGURE 6A
DESIGNED BY: BR	DRAWN BY: KJW	SCALE: 1 in = 80 ft	
DATE: APRIL 2017	PROJECT NO. 12.0076230.10	REVISION NO. #1 (MARCH 2017)	

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Legend:

- Sheet Flow
- Stormwater Drain Pipe
- Infiltration Basin

Stormwater Conveyance

- Inlet
- Manhole
- Trench Drain
- Outlet

Location Within Parking Garage:

- GROUND FLOOR

0 35 70 140 FEET

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.

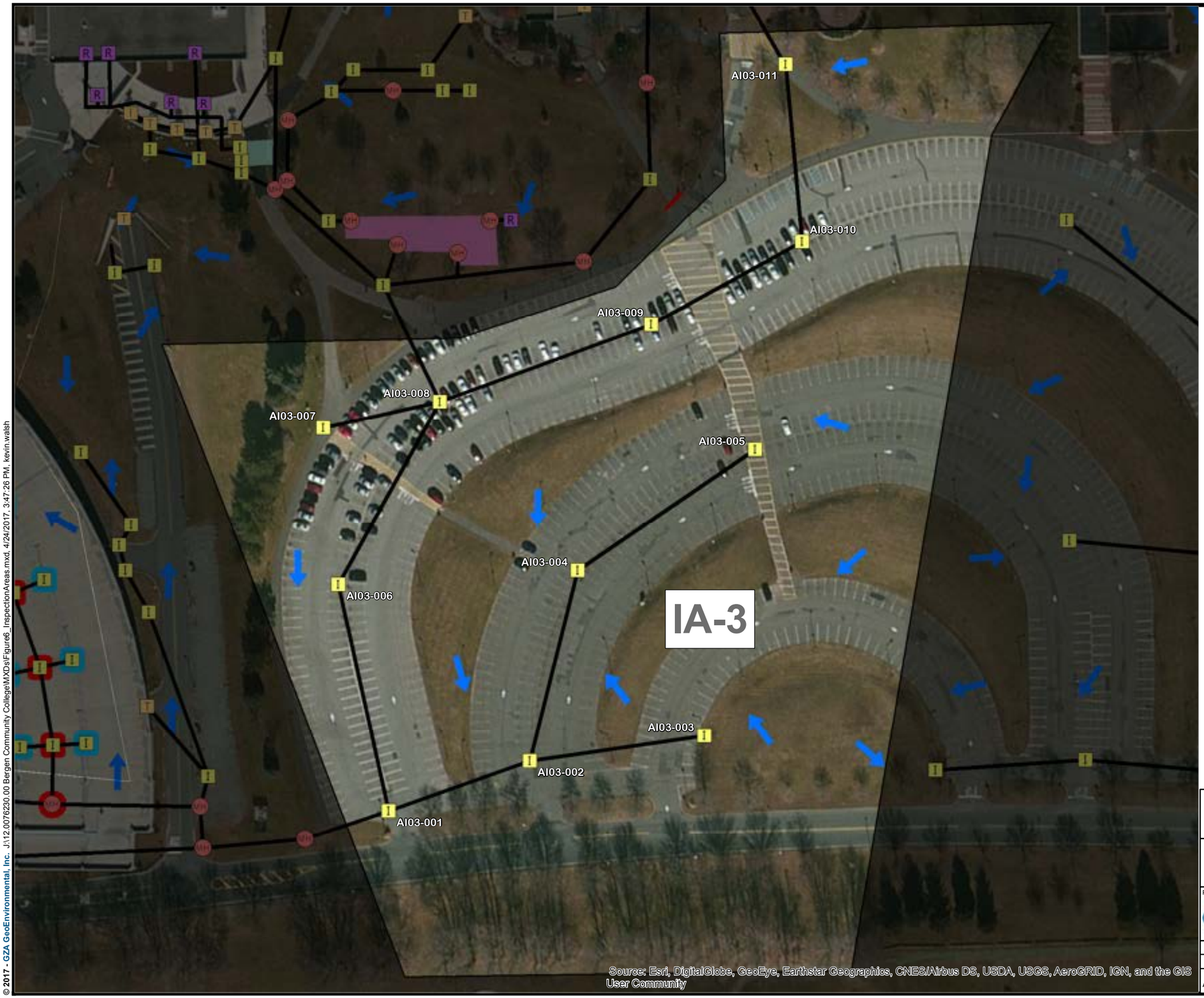
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400 PARAMUS RD
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INSPECTION AREA 2

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PROJ MGR: SJR	REVIEWED BY: SJR	CHECKED BY: DW	FIGURE 6B
DESIGNED BY: BR	DRAWN BY: KJW	SCALE: 1 in = 70 ft	
DATE: APRIL 2017	PROJECT NO. 12.0076230.10	REVISION NO. #1 (MARCH 2017)	

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Legend:

Sheet Flow

Stormwater Drain Pipe

Stormwater Conveyance

I Inlet

N E S W

0 45 90 180 FEET

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.

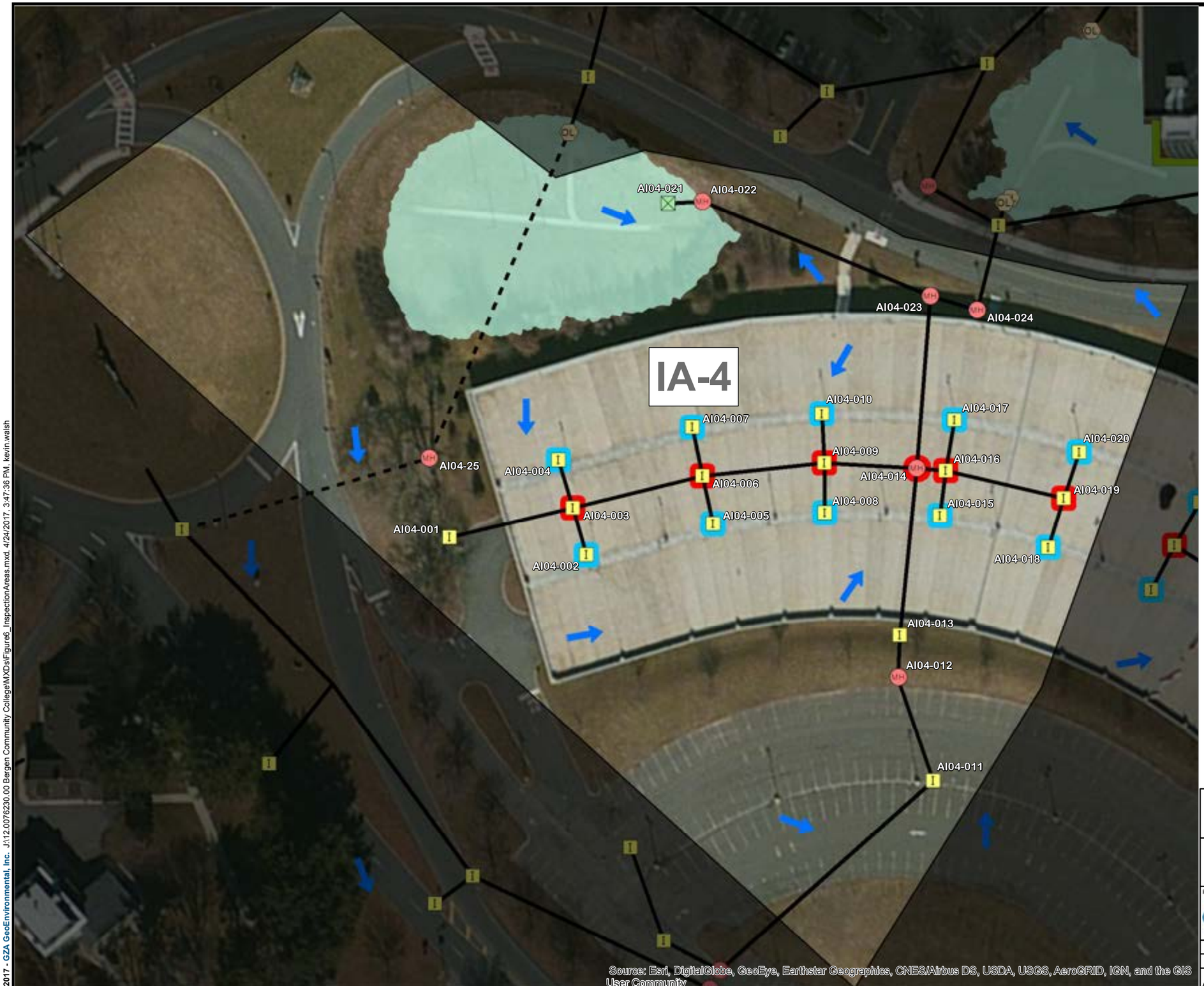
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 3

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: SJR	REVIEWED BY: SJR	CHECKED BY: DW	FIGURE 6C
DESIGNED BY: BR	DRAWN BY: KJW	SCALE: 1 in = 90 ft	
DATE: APRIL 2017	PROJECT NO. 12.0076230.10	REVISION NO. #1 (MARCH 2017)	

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Legend:

- Sheet Flow
- Stormwater Drain Pipe
- Disconnected Drain Pipe
- Infiltration Basin

Stormwater Conveyance

- Inlet
- Manhole
- Outlet Control

Location Within Parking Garage:

- GROUND FLOOR
- TOP FLOOR
- GROUND FLOOR

N W E S

0 30 60 120 FEET

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.

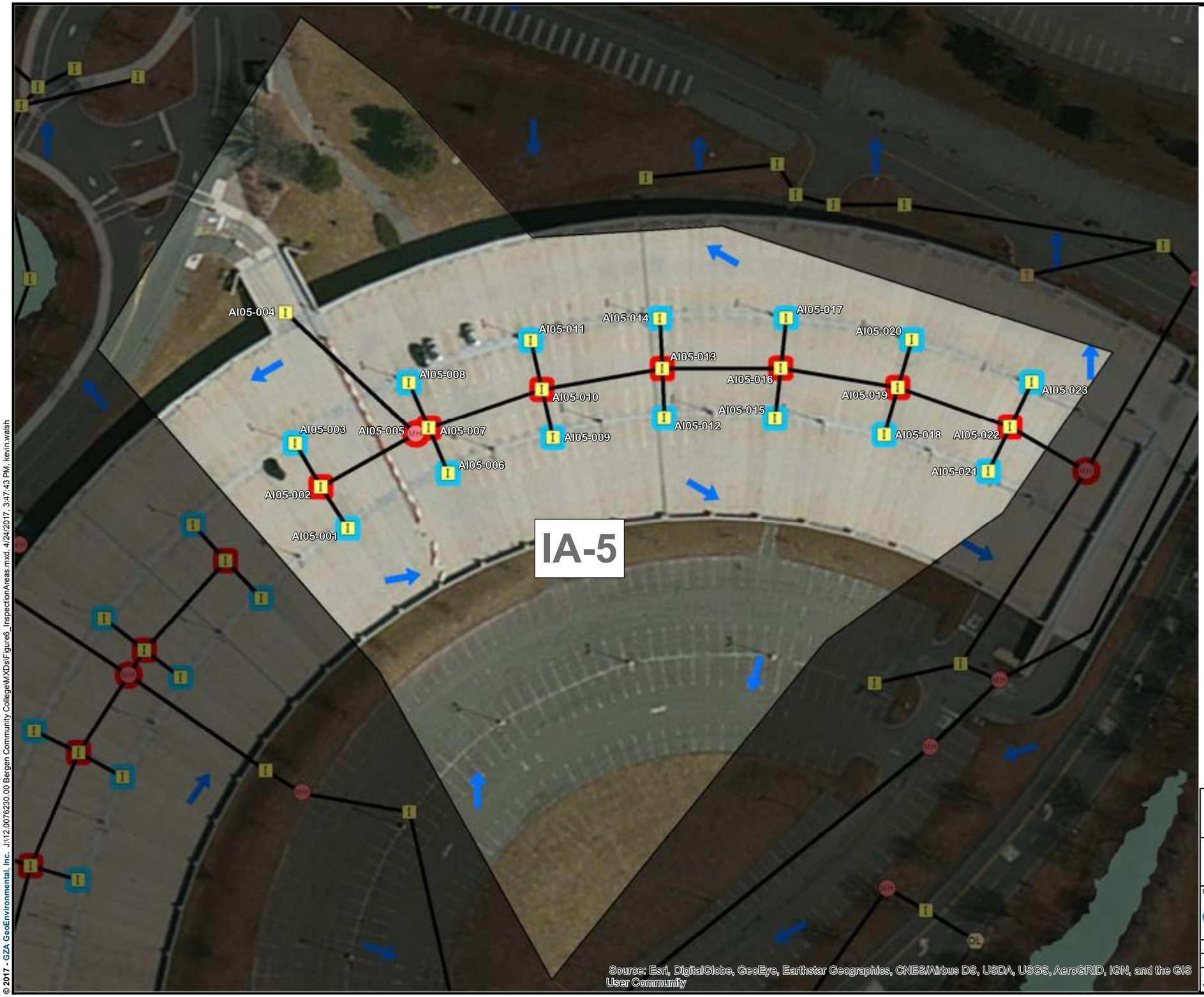
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 4

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PROJ MGR: SJR	REVIEWED BY: SJR	CHECKED BY: DW	FIGURE 6D
DESIGNED BY: BR	DRAWN BY: KJW	SCALE: 1 in = 60 ft	
DATE: APRIL 2017	PROJECT NO. 12.0076230.10	REVISION NO. #1 (MARCH 2017)	

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Legend:

Sheet Flow

Stormwater Drain Pipe

Stormwater Conveyance

I Inlet

Location Within Parking Garage:

GROUND FLOOR

TOP FLOOR

GROUND FLOOR

0 30 60 120 FEET

N E S W

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 5

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 6E
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 60 ft	
DATE: JUNE 2014	PROJECT NO. 12.0076230.10	REVISION NO.	

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Legend:

- Sheet Flow
- Stormwater Drain Pipe
- Disconnected Drain Pipe
- French Drain
- Infiltration Basin

Stormwater Conveyance

- F — Floor Drain
- I — Inlet
- MH — Manhole
- T — Trench Drain
- OL — Outlet

0 40 80 160 FEET

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.

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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 6

PREPARED BY:	PREPARED FOR:		
GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595		
PROJ MGR: SJR	REVIEWED BY: SJR	CHECKED BY: DW	FIGURE 6F
DESIGNED BY: BR	DRAWN BY: KJW	SCALE: 1 in = 80 ft	
DATE: APRIL 2017	PROJECT NO. 12.0076230.10	REVISION NO. #1 (MARCH 2017)	

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Legend:

- Sheet Flow
- Stormwater Drain Pipe
- French Drain
- Infiltration Basin

Stormwater Conveyance

- R — Roof Drain
- I — Inlet
- MH — Manhole
- OL — Outlet

0 30 60 120 FEET

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.

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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 7

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 6G
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 60 ft	
DATE: JUNE 2014	PROJECT NO. 12.0076230.10	REVISION NO.	

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Legend:

- Sheet Flow
- Stormwater Drain Pipe
- Culvert
- French Drain
- Infiltration Basin
- Underground Detention Basin

N W E S

0 30 60 120 FEET

NOTES:
1) THIS MAP CONTAINS "NEW JERSEY 2020 HIGH RESOLUTION ORTHOPHOTOGRAPHY" AVAILABLE BY NJ OFFICE OF INFORMATION TECHNOLOGY AND OFFICE OF GIS (NJOGIS), CAPTURED BETWEEN APRIL 2, 2020 AND MAY 5, 2020.
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 8

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: MP	REVIEWED BY: MP	CHECKED BY: MP	FIGURE 6H
DESIGNED BY: BR	DRAWN BY: BL	SCALE: 1 in = 60 ft	
DATE: FEBRUARY 2022	PROJECT NO. 12.0076230.10	REVISION NO. #2	

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Legend:

- Sheet Flow
- Stormwater Drain Pipe
- French Drain
- Underground Detention Basin

Stormwater Conveyance

- R — Roof Drain
- I — Inlet
- MH — Manhole
- T — Trench Drain
- WQ — Water Quality Unit
- Outlet Control

0 35 70 140 FEET

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 9

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: SJR	REVIEWED BY: SJR	CHECKED BY: DW	FIGURE 6I
DESIGNED BY: BR	DRAWN BY: KJW	SCALE: 1 in = 70 ft	
DATE: APRIL 2017	PROJECT NO. 12.0076230.10	REVISION NO. #1 (MARCH 2017)	

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Legend:

- Sheet Flow
- Stormwater Drain Pipe
- French Drain

Stormwater Conveyance

- R — Roof Drain
- I — Inlet
- MH — Manhole
- T — Trench Drain

0 40 80 160 FEET

NOTES:
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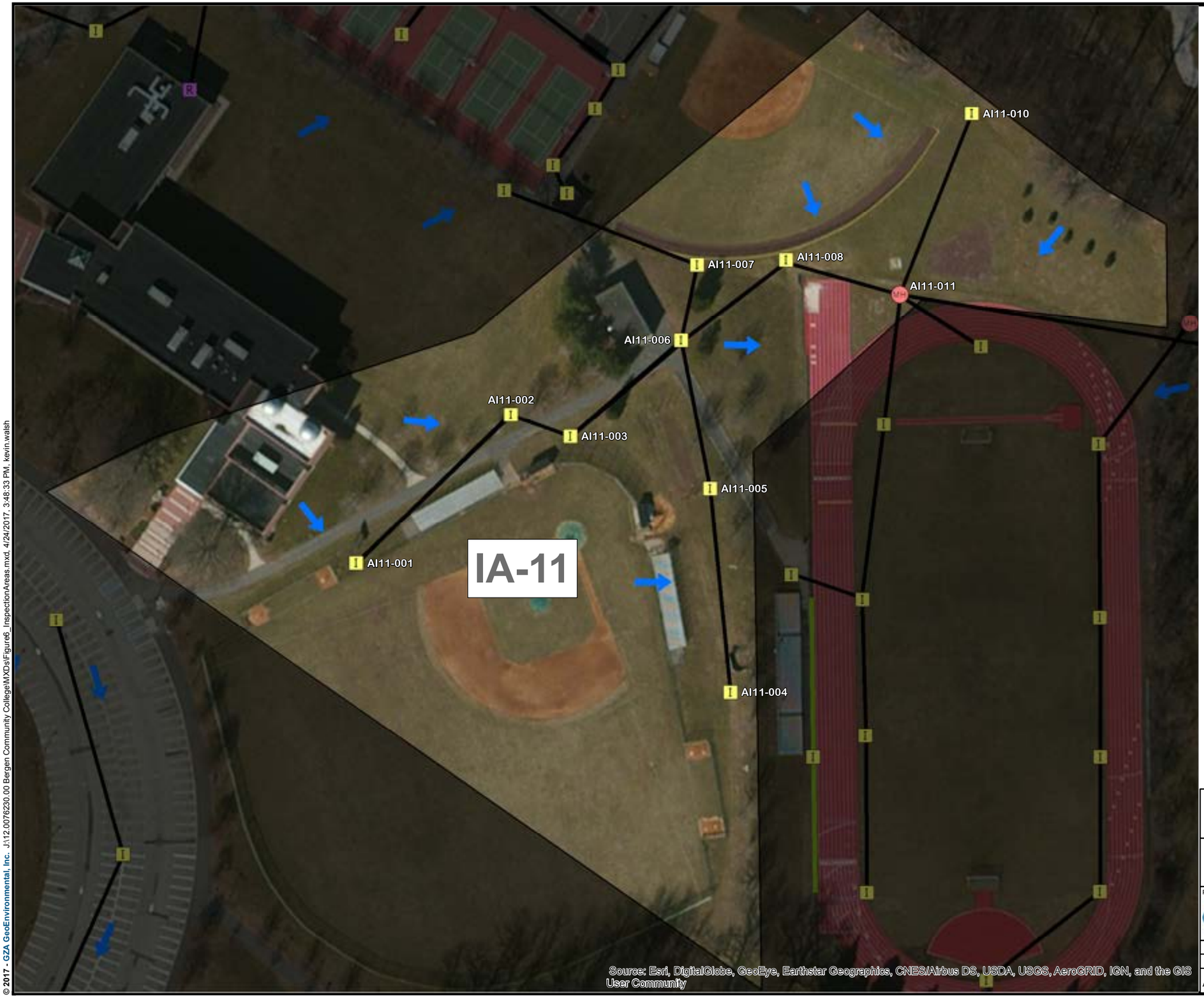
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 10

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: SJR	REVIEWED BY: SJR	CHECKED BY: DW	FIGURE 6J
DESIGNED BY: BR	DRAWN BY: KJW	SCALE: 1 in = 80 ft	
DATE: APRIL 2017	PROJECT NO. 12.0076230.10	REVISION NO. #1 (MARCH 2017)	

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Legend:

- Sheet Flow
- Stormwater Drain Pipe

Stormwater Conveyance

- Inlet
- Manhole

N
W E
S

0 40 80 160 FEET

NOTES:
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 11

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: SJR	REVIEWED BY: SJR	CHECKED BY: DW	FIGURE 6K
DESIGNED BY: BR	DRAWN BY: KJW	SCALE: 1 in = 80 ft	
DATE: APRIL 2017	PROJECT NO. 12.0076230.10	REVISION NO. #1 (MARCH 2017)	

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Legend:

- Sheet Flow
- Stormwater Drain Pipe
- French Drain

Stormwater Conveyance

- Inlet

0 30 60 120 FEET

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.

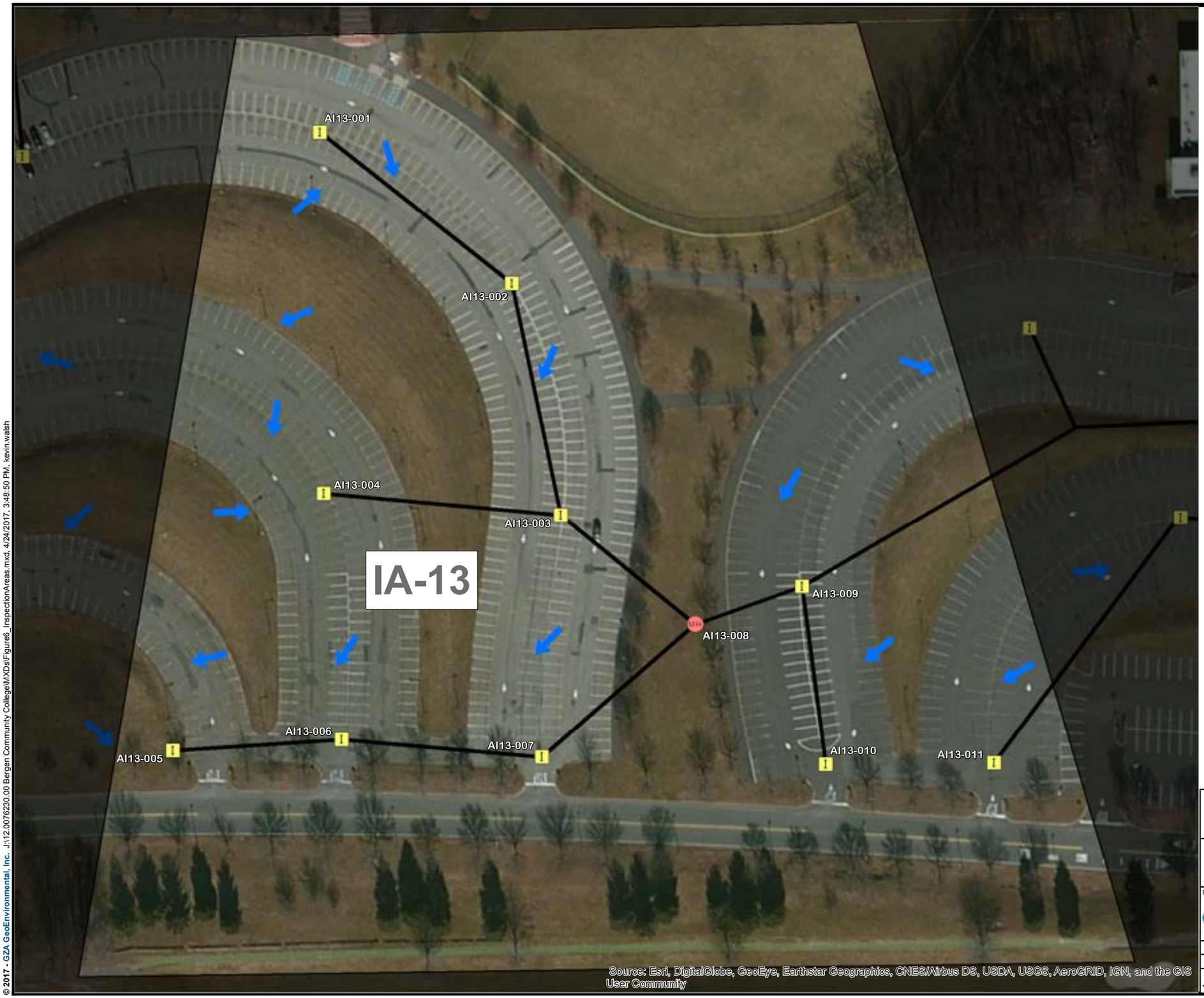
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 12

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 6L
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 60 ft	
DATE: JUNE 2014	PROJECT NO. 12.0076230.10	REVISION NO.	

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Legend:

Sheet Flow

Stormwater Drain Pipe

Stormwater Conveyance

Inlet

Manhole

0 40 80 160 FEET

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
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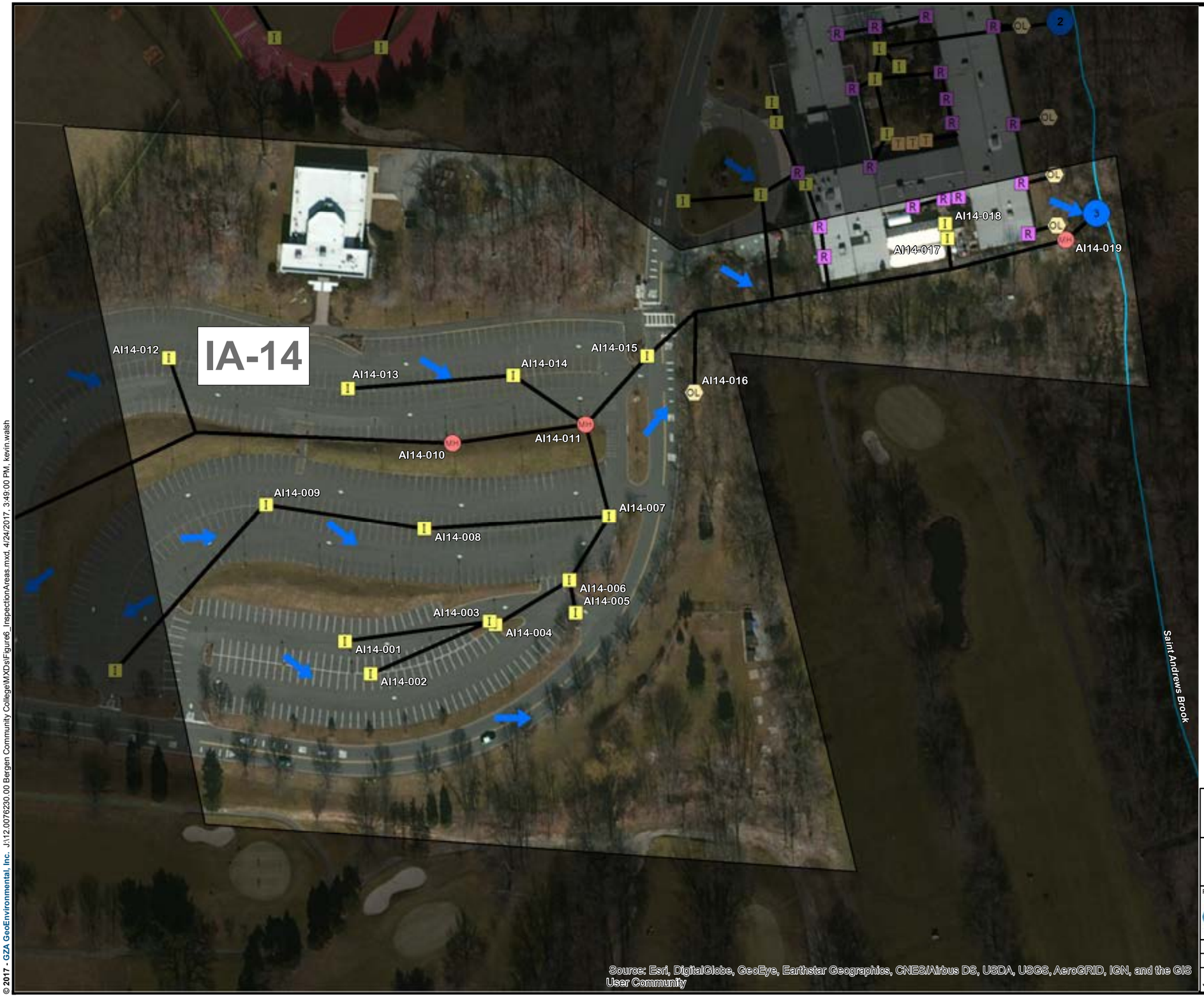
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 13

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PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 6M
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 80 ft	
DATE: JUNE 2014	PROJECT NO. 12.0076230.10	REVISION NO.	

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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend:

- Outfall
- Sheet Flow
- Stormwater Drain Pipe

Stormwater Conveyance

- Roof Drain
- Inlet
- Manhole
- Outlet

0 55 110 220 FEET

NOTES:
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 14

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 6N
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 110 ft	
DATE: JUNE 2014	PROJECT NO. 12.0076230.10	REVISION NO.	

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Legend:

- Outfall
- Sheet Flow
- Stormwater Drain Pipe

Stormwater Conveyance

- Roof Drain
- Inlet
- Trench Drain
- Outlet

0 35 70 140 FEET

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 15

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 6O
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 70 ft	
DATE: JUNE 2014	PROJECT NO. 12.0076230.10	REVISION NO.	

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Legend:

- 1 — Outfall
- Sheet Flow
- Stormwater Drain Pipe

Stormwater Conveyance

- MH — Manhole
- OL — Outlet
- Outlet Control

0 40 80 160 FEET

N E S W

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.

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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 16

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 6P
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 80 ft	
DATE: JUNE 2014	PROJECT NO. 12.0076230.10	REVISION NO.	

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Legend:

- 5 — Outfall
- Stormwater Drain Pipe
- French Drain

Stormwater Conveyance

- R — Roof Drain
- I — Inlet

Maintenance Features

- De-Icing Material Shed
- Maintenance Yard
- Waste Disposal Area

0 30 60 120 FEET

N E S W

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.

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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS RD
PARAMUS, NEW JERSEY 07652

INSPECTION AREA 17

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS RD PARAMUS, NJ, 07652-1595	
PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 6Q
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 60 ft	
DATE: JUNE 2014	PROJECT NO. 12.0076230.10	REVISION NO.	

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Legend:

- Outfall
- Stormwater Drain Pipe
- Approximate Site Boundary

Maintenance Features

- De-Icing Material Shed
- Maintenance Yard
- Waste Disposal Area
- Convault D500/1500 Gallon Aboveground Oil Storage

Stormwater Conveyance

- I Inlet

0 25 50 100

1:600 | 1 INCH = 50 FEET

SCALE IN FEET

N E S W

NOTES:
1) THIS MAP CONTAINS THE ESRI ARCGIS ONLINE AERIAL IMAGERY WEB MAPPING SERVICE, AVAILABLE BY ESRI ARCIMS SERVICES AND LAST UPDATED NOVEMBER 2013.
2) THE APPROXIMATE SITE BOUNDARY IS DERIVED FROM BERGEN COUNTY DEPARTMENT OF DATA RESOURCES AND TECHNOLOGY TAX PARCELS LAYER. THE LAYER WAS LAST UPDATED BETWEEN 2009 AND 2011.

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STORMWATER POLLUTION PREVENTION PLAN
400 PARAMUS ROAD
PARAMUS, NEW JERSEY 07652

BUILDING AND GROUNDS MAINTENANCE AREA MAP

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: BERGEN COMMUNITY COLLEGE 400 PARAMUS ROAD PARAMUS, NJ 07652	
PROJ MGR: TWK	REVIEWED BY: DMW	CHECKED BY: TWK	FIGURE 7
DESIGNED BY: JAP	DRAWN BY: PCF	SCALE: 1 in = 50 ft	
DATE: JUNE 2014	PROJECT NO. 12.0076230.00	REVISION NO.	

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Appendix A Post Construction Design Checklist

Public Complex Stormwater General Permit
Post-Construction Program
Design Checklist for Individual Projects

For each question, attach additional sheets as necessary

Public Complex Information	
	Public Complex: _____
	NJPDES # : NJG _____ PI ID #: _____
	Team Member: _____
	Date _____ Effective Date of Permit Authorization (EDPA): _____

1. Location of Project

a. Project Name _____

b. Public Complex Project Number (if applicable): _____

c. Municipality(ies): _____

d. County(ies):_____

2. Description (type of project)

a. Briefly describe (1) the purpose and intended use of the project, and (2) any pavement and/or structures to be erected or expanded: _____
_____
_____
_____

b. Area of proposed disturbance: _____ acres

c. Area of proposed additional impervious surface: _____ acres

d. Discharges to (identify surface water body(ies)): _____

3. Related NJDEP Permits

How much (if any) of the project requires at least one NJDEP permit (stream encroachment permit; freshwater wetlands permit or transition area waiver; CAFRA, coastal wetlands, or waterfront development permit) granted under the following statutes?

	Application Number (if available)
Flood Hazard Area Control Act, N.J.S.A. 58:16A-50 et seq.	_____
Freshwater Wetlands Protection Act, N.J.S.A. 13:9B-1 et seq.	_____
Coastal Area Facility Review Act, N.J.S.A. 13:19-1 et seq.	_____
Waterfront and Harbor Facilities Act, N.J.S.A. 12:5-3	_____

Answer (circle one): ◯ The entire project ◯ Part of the project ◯ None of the project

4. Compliance with NJDEP Design and Performance Standards (N.J.A.C. 7:8)

a. Nonstructural stormwater management strategies

To the maximum extent practicable, does the project meet the applicable erosion control, groundwater recharge, and stormwater runoff quantity and quality standards at N.J.A.C. 7:8-5.4 and 5.5 by incorporating nonstructural stormwater management strategies at N.J.A.C. 7:8-5.3 into the design? Y ◯ N ◯

Also see question #4.j in regard to the Low Impact Development Checklist.

b. Threatened and endangered species

Are the project's stormwater management measures designed to avoid adverse impacts of concentrated flow on habitat for threatened and endangered species as documented in the Natural Heritage Database established under N.J.S.A. 13:1B-15.147 through 15.150, particularly *Helonias bullata* (swamp pink) and/or *Clemmys muhlnebergi* (bog turtle)? Y ◯ N ◯

c. Exemption for certain utility line and public pedestrian access projects

How much (if any) of the project is exempt under N.J.A.C. 7:8-5.2(d) from the groundwater recharge and stormwater runoff quantity and quality requirements at N.J.A.C. 7:8-5.4 and 5.5? Y ◯ N ◯ If "yes," circle whichever of the following are applicable:

◯ The entire project ◯ Part of the project ◯ None of the project

If you circled "The entire project" or "Part of the project," circle whichever of the following are applicable:

◯ Underground utility line ◯ Aboveground utility line ◯ Public pedestrian access

If you circled "The entire project," skip questions #4.d, #4.f, #4.g, and #4.h.

d. Waiver for certain roadway, railroad, and public pedestrian access projects

Are you claiming, for the enlargement (widening) of an existing public roadway or railroad or the construction or enlargement of a public pedestrian access, a waiver under N.J.A.C. 7:8-5.2(e) from strict compliance with the groundwater recharge and stormwater runoff quantity and quality requirements at N.J.A.C. 7:8-5.4 and 5.5? Y ◯ N ◯ If "yes":

- Circle whichever of the following are applicable:

  ◯ Enlargement of existing public roadway or railroad ◯ Public pedestrian access

- Attach written documentation making the demonstration required under N.J.A.C. 7:8-5.2(e), unless "The entire project" or "Part of the project" is circled under question #3, and you have submitted or will submit this documentation to the NJDEP to obtain the related NJDEP permit(s).

- Circle whether the waiver is for:

  ◯ The entire project ◯ Part of the project ◯ None of the project

  If you circled "The entire project," skip questions #4.f, #4.g, and #4.h.

e. Erosion control

Is the project in its post-construction condition designed to meet the erosion control standards established under the Soil Erosion and Sediment Control Act, N.J.S.A. 4:24-39 et seq. And implementing rules? Y ◯ N ◯

Does the project have a soil erosion and sediment control plan certified under that Act and those rules? Y ◯ N ◯ If "no, " please explain: _____
_____
_____
_____

f. Groundwater recharge

Under N.J.A.C. 7:8-5.4(a)2ii, how much (if any) of the project is outside the scope of the groundwater recharge requirement at N.J.A.C. 7:8-5.4(a)2i?

Answer (circle one): ◯ The entire project ◯ Part of the project ◯ None of the project

If you circled "The entire project" or "Part of the project," circle whichever of the following are applicable:

◯ Urban redevelopment area ◯ High pollutant loading area ◯ Industrial "source material"

If you circled "Part of the project" or "None of the project," is the project designed to meet the groundwater recharge requirement at N.J.A.C. 7:8-5.4(a)2i? Y ◯ N ◯ Also see question 4.j.

Will there be recharge of any stormwater from high pollutant loading areas, or of industrial stormwater exposed to "source material"? Y ◯ N ◯

Is the project designed to avoid adverse hydraulic impacts on the groundwater table? Y ◯ N ◯

g. Stormwater runoff quantity

Will the post-construction stormwater runoff flow only into tidal waters where the increased volume of stormwater runoff will not increase flood damages below the point of discharge? Y ◯ N ◯

If "no," is the project designed to meet the stormwater runoff quantity standard at N.J.A.C. 7:8-5.4(a)3? Y ◯ N ◯ Also see question 4.j.

h. Stormwater runoff quality

Is the project subject to the requirement at N.J.A.C. 7:8-5.5(a) for 80 percent total suspended solids (TSS) reduction? Y ◯ N ◯

If "yes," is the project designed to meet this requirement? Y ◯ N ◯ Also see question 4.j.

If "no," circle whichever of the following are applicable:

◯ Less than ¼ acre of additional impervious surface ◯ NJPDES-based exemption

Is the project designed to meet the nutrient reduction standard at N.J.A.C. 7:8-5.5(e)? Y ◯ N ◯

Are the project's stormwater management measures designed to prevent any increase in stormwater runoff to waters classified as FW1? Y ◯ N ◯ N/A ◯ (N/A if there is no stormwater runoff from the project to FW1 waters)

Does the project propose any encroachment within a special water resources protection area established under N.J.A.C. 7:8-5.5(h) to protect Category One waters? Y ◯ N ◯ Also see question 4.j.

If "yes," has the NJDEP approved the proposed encroachment? Y ◯ N ◯ Please explain if the NJDEP has not approved the proposed encroachment: _____

_____

_____

i. Other special circumstances

Are there special circumstances besides those noted above (e.g., alternative design and performance standards recognized under N.J.A.C. 7:8-5.1(b), and hardship waivers under N.J.A.C. 7:13-4.8) that result in one or more of the design and performance standards at N.J.A.C. 7:8-5 not being applicable to all or part of the project? Y ◯ N ◯

If "yes," describe the circumstances and identify the standard(s) that are not applicable: _____

_____

_____

_____

_____

j. Calculations and stormwater engineering report

Was stormwater runoff calculated in accordance with N.J.A.C. 7:8-5.6? Y ( ) N ( )

Attach a stormwater engineering report that includes the following information (unless the Exception below applies):

- A copy of Parts 1, 3, and 4 of the Low Impact Development Checklist (see Appendix A of the New Jersey Stormwater Best Management Practices Manual)
- A copy of a USGS topographical map(s), 7.5 minute quadrangle series, showing the project location and its HUC-14 watershed(s), and indicating any special water resources protection area(s) established under N.J.A.C. 7:8-5.5(h)
- Proof that the applicable groundwater recharge and stormwater runoff quantity and quality standards at N.J.A.C. 7:8-5.4 and 5.5 (or applicable alternative standards recognized under N.J.A.C. 7:8-5.1(b)) are met. This proof shall include complete printouts of all calculations (including detention, retention, and infiltration calculations for all basins), and shall compare existing and proposed recharge and discharge rates. The proof shall clearly explain how the attached calculations demonstrate compliance with the applicable standards. If the requirement at N.J.A.C. 7:8-5.5(a) for 80 percent TSS reduction is applicable, the proof shall detail how TSS reduction is achieved.

Exception: If "The entire project" is circled under question #3, have you submitted or will you submit the above information to the NJDEP to obtain the related NJDEP permit(s)? Y ( ) N ( )

If "yes," it is not necessary to attach a stormwater engineering report.

k. Structural stormwater management

Is the project designed to meet the applicable standards for structural stormwater management measures at N.J.A.C. 7:8-5.7? Y ◯ N ◯

I. Maintenance

Has the design engineer prepared for the project the maintenance plan required by N.J.A.C. 7:8-5.8?
Y ◯ N ◯

If "yes," attach the maintenance plan unless "The entire project" or "Part of the project" is circled under question #3, and you have submitted or will submit the maintenance plan for the entire project to the NJDEP to obtain the related NJDEP permit(s).

5. Compliance with NJDEP Design Standard for Storm Drain Inlets

Does the project include installation of any storm drain inlets? Y ◯ N ◯

If "yes," is the project designed to comply with the standard set forth in Attachment C of the permit to control passage of solid and floatable materials? Y ◯ N ◯

Attach a list of any storm drain inlets in the project that have hydraulic performance exemptions.

Are you claiming any alternative device exemptions or historic place exemptions for any of the storm drain inlets in this project? Y ◯ N ◯ If "yes," please explain: _____
_____
_____
_____
_____

Appendix B Design Standards for Storm Drain Inlets

Appendix B - Design Standards for Storm Drain Inlets

Application of Design Standard

The below design standard applies to the following types of storm drain inlet installation or retrofit projects unless a more stringent standard is specified by the permittee in an adopted regulatory mechanism:

- Storm drain inlets installed as part of new development and redevelopment (public or private) that disturb one acre or more;
    - Storm drain inlets installed as part of new development and redevelopment (public or private) that disturb less than one acre that are part of a larger common plan of development or sale (e.g. phased residential development) that ultimately disturbs one acre or more;
- Permittee owned or operated storm drain inlets must be retrofitted where the storm drains are (1) in direct contact with any repaving, repairing (excluding individual pothole repair), or resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen); or (2) in direct contact with any reconstruction or alteration of facilities; and
- Privately owned or operated storm drain inlets (e.g. condomium association) must be retrofitted where the storm drains are (1) in direct contact with any repaving, repairing (excluding individual pothole repair), or resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen); or (2) in direct contact with any reconstruction or alteration of facilities. This does not include single family homes.

Design Standard

Grates in pavement or other ground surfaces shall meet either of the following standards:

- The New Jersey Department of Transportation (NJDOT) bicycle safe grate standards described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines (see www.nj.gov/transportation/publicat/pdf/BikeComp/introtofac.pdf); or
- A grate where each individual clear space in that grate has an area of no more than seven (7.0) square inches, or is not greater than 0.5 inches across the smallest dimension. Note that the Residential Site Improvement Standards at N.J.A.C. 5:21include requirements for bicycle safe grates.

Examples of grates subject to this standard include grates in grate inlets; the grate portion (non-curb opening portion) of combination inlets; grates on storm sewer manholes; ditch grates; trench grates; and grates of spacer bars in slotted drains. Examples of ground surfaces include surfaces of roads, (including bridges), driveways, parking areas, bikeways, plazas, sidewalks, lawns, fields, open channels, and stormwater basin floors used to collect stormwater from the surface into a storm drain or surface water body.

For curb-openings inlets, including curb-opening inlets in combination inlets, the clear space in the curb opening, or each individual clear space if the curb opening has two or more clear spaces, shall have an area of no more than seven (7.0) square inches or be no greater than two (2.0) inches across the smallest dimension.

Exemptions from the Design Standard

- Where each individual clear space in the curb opening in existing curb-opening inlets does not have an area of more than nine (9.0) square inches;

- Where the review agency determines that the standards would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drain inlets;

- Where flows from the water quality design storm as specified in N.J.A.C. 7:8 are conveyed through any device (e.g., end of pipe netting facility, manufactured treatment device, or a catch basin hood) that is designed, at a minimum, to prevent delivery of all solid and floatable materials that could not pass through one of the following:

  A rectangular space four and five-eighths inches long and one and one-half inches wide (this option does not apply for outfall netting facilities); or

  A bar screen having a bar spacing of 0.5 inches;

  Note that these exemptions do not authorize any infringement of requirements in the Residential Site Improvement Standards for bicycle safe grates in new residential development (N.J.A.C. 5:21-4.18(b)2 and 7.4(b)1).

- Where flows are conveyed through a trash rack that has parallel bars with one inch (1") spacing between the bars, to the elevation of the water quality design storm as specified in N.J.A.C. 7:8; or

- Where the Department determines, pursuant to the New Jersey Register of Historic Places Rules at N.J.A.C. 7:4-7.2(c), that action to meet the standard is an undertaking that constitutes an encroachment or will damage or destroy the New Jersey Register listed historic property.

Appendix C Catch Basin Inspection

Bergen Community College – Paramus Campus
Stormwater Pollution Prevention Plan

APPENDIX C - ANNUAL INFRASTRUCTURE INSPECTION REPORT

NJPDES # NJ0141879 P.I. ID# 50577 EDPA: January 1, 2019

Team Member/Title: Christopher Carlson, Grounds Supervisor

STORMWATER FACILITIES INSPECTIONS

PERMIT YEAR	NUMBER OF STORMWATER FACILITIES INSPECTED	NUMBER OF CLEANING AND/OR REPAIRS NEEDED	NUMBER OF CLEANINGS PERFORMED	NUMBER OF REPAIRS MADE	NOTE ANY REPAIRS NOT MADE AND A SCHEDULE FOR REPAIRS
2019					
2020					
2021					
2022					
2023					

CATCH BASIN/INLET INSPECTIONS

PERMIT YEAR	NUMBER OF CATCH BASINS/INLETS INSPECTED	NUMBER OF CATCH BASINS/INLETS CLEANED	AMOUNT OF MATERIALS REMOVED FROM CATCH BASINS/INLETS (CUBIC YARDS)
2019			
2020			
2021			
2022			
2023			

APPENDIX F – ANNUAL INFRASTRUCTURE INSPECTION REPORT

OUTFALL INSPECTIONS

Photograph each outfall annual and attached photos to the annual reports. Utilize this information for completely and tracking outfall pipe stream scouring remediation progress.

PERMIT YEAR	TOTAL NUMBER OF INSPECTIONS PERFORMED	NUMBER OF OUTFALLS FOUND TO HAVE AN ILLICIT CONNECTION	BERGEN ELIMINATED ILLICIT CONNECTIONS	BERGEN REMAINING ILLICIT CONNECTIONS	OTHER SOURCE ILLICIT CONNECTIONS REPORTED TO NJDEP
2019					
2020					
2021					
2022					
2023					

PERMIT YEAR	TOTAL NUMBER OF OBSERVED OUTFALLS SCOURING	NUMBER OF OUTFALLS REMEDIATED	DESCRIBE REMEDIATION
2019			
2020			
2021			
2022			
2023			