

First Street Community Garden  
Green Infrastructure Information Sheet

<p><b>Location:</b> 237-239 1<sup>st</sup> Street Newark, NJ 07107</p>	<p><b>Site Use:</b> Community</p>
<p><b>Ward:</b> Central</p>	<p><b>Watershed Name:</b> Lower Passaic River</p>
<p><b>Green Infrastructure Description:</b> Rain garden Tree plantings Curb cuts</p>	<p><b>Targeted Pollutants:</b> total nitrogen (TN), total phosphorus (TP), and total suspended solids (TSS) in surface runoff</p>
<p><b>Estimated Stormwater Captured and Treated Per Year:</b> Rain garden: ~39,083 gallons</p>	
<p><b>Implementation Date:</b> 6/3/15 <b>Green Infrastructure System:</b> one (1) 500 sq. ft. rain garden <b>Drainage Area:</b> ~ 1500 sq. ft. (roadway)</p>	
<p><b>Funding Sources:</b> NJ Department of Environmental Protection 319 (h) Grant</p>	
<p><b>Partners/Stakeholders:</b> Rutgers Cooperative Extension Water Resources Program Greater Newark Conservancy NJ Department of Environmental Protection</p>	
<p><b>Appendix A:</b> Project Completed – Photograph of green infrastructure practice</p> <p><b>Appendix B:</b> Proposed Concept Plan</p>	

237-239 1<sup>st</sup> Street, Newark, NJ  
Community Garden

Appendix A:  
Completed Project Photograph  
6/3/15

Project Completed June 3, 2015

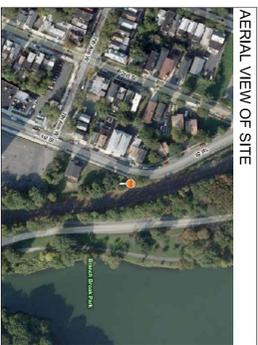


237-239 1<sup>st</sup> Street, Newark, NJ

Community Garden

Appendix B:

Proposed Concept Plan



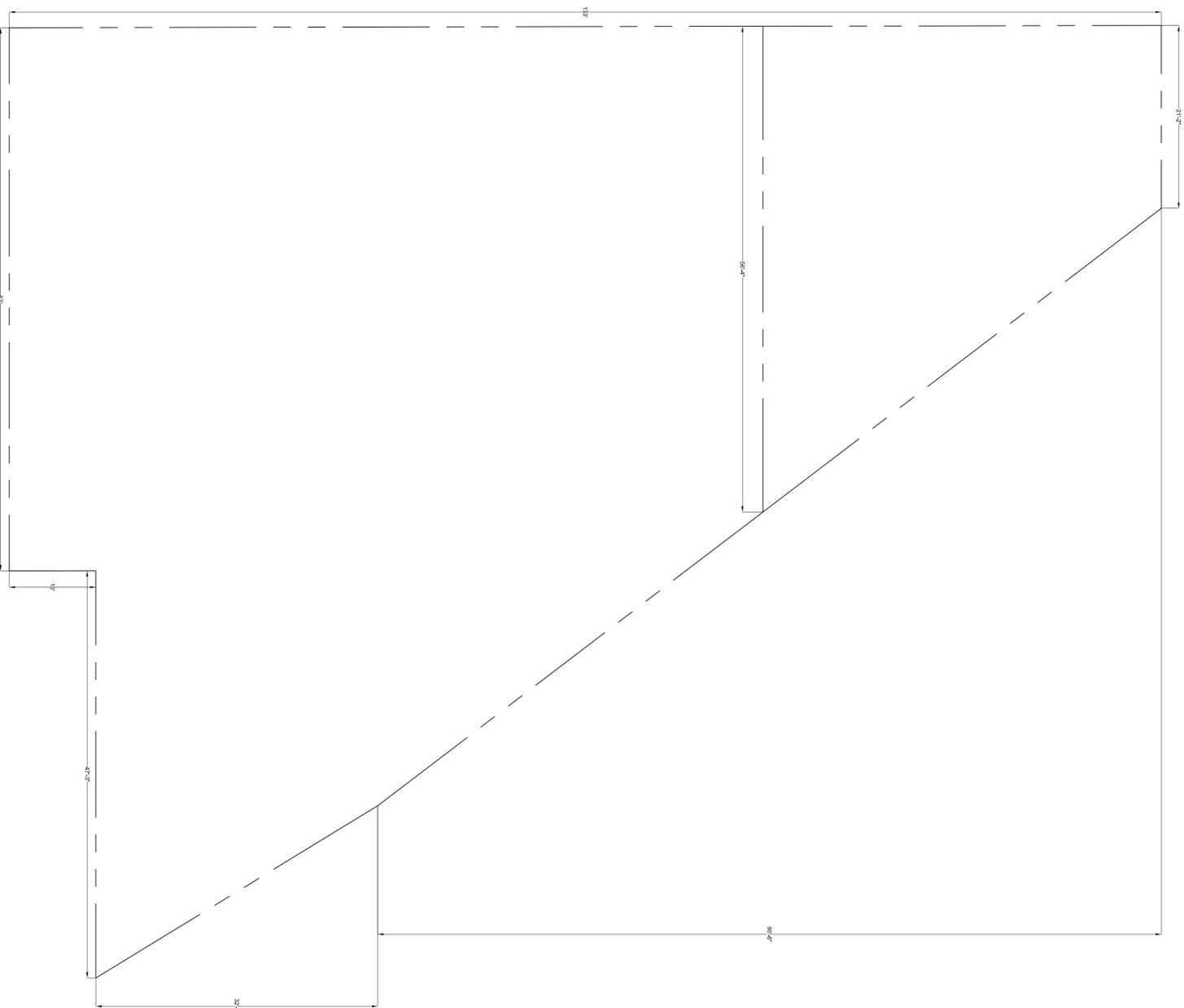
**SITE PHOTOS**



**Lot Area: 1784 SF**

**Design Features:**

- next to Newark Preschool Council Academy
- curb cuts
- connect large inlet from school parking lot to site
- upper pond, lower pond
- connect to inlet at corner of site



CHRISTOPHER C. OBROPTA, Ph.D., P.E.  
 PROFESSIONAL ENGINEER - NJ LICENSE # 37532

DESIGNED Caitlin Higgins Helo-Ani Chyn	CHECKED Jillan Thompson	APPROVED	DATE JUNE 22, 2010
--	----------------------------	----------	-----------------------

**ENVIRONMENTAL JUSTICE FOR THE CITY OF NEWARK**  
*Stormwater Education and Best Management Practices (BMPs)*  
 319(h) GRANT



RUTGERS COOPERATIVE EXTENSION  
 WATER RESOURCES PROGRAM  
 14 COLLEGE FARM ROAD  
 NEW BRUNSWICK, NJ 08901  
 WWW.WATER.RUTGERS.EDU



**RUTGERS**  
 New Jersey Agricultural Experiment Station