C.L.I.M.B. studio 155street
(City Life Is Moving Bodies)
Kubi Ackerman - MArch 2007
(with Charlotte Dean, Laura Gabby)
Strategy:
Physical connection between the parks of upper Manhattan
Urban parks as catalyst for socio-economic transformation
Program:

Network of pathways to facilitate neighborhood interconnectivity
Dispersed, varied uses reintegrate park into surrounding urban environment
Design:

Rooftop rainwater collection irrigates native plant nursery, Visitors Center and Research Center provide employment opportunities and establish Highbridge as a destination.
Jonathan Chen - MSAAD 2007
(with Kasandra Scales)
**Strategy:** Stretching the scales to benefit both neighborhood and city.
Reduce traffic with a park and ride accessibility.
Streets become more friendly.
Program: Location restores the area’s identity by providing a green park, park and ride and retail.
Design: integrated landscape in site and serves as green roof technology & biofiltration system to filter the air from the exhaust fumes
Sabri Farouki - MArch 2007
(with Irmak Turan, Leticia Crispin, Kay Cheng)
Strategy: The last stitch to Manhattan’s Waterfront Greenway
Program: “Path Park” and “Play Parking”
Design: Rainwater Collection and Filtration system to irrigate the intensive Green Roof
Swati Salgaocar - MArch 2007
(with Eloise Allsop, Alisha Goldstein)
Strategy: • Sustainable design using free natural resources
• Reduce living costs and provide employment
Program:  
- Self-sustaining system driven by improved facade  
- Output and waste from all program used within system
Design: • Facade restoration through “active skin” installation
  • Solar energy collection and rainwater harvesting
Citra Soedarsono - MSAAD 2007
(with Geoffrey Kelly, Kay Cheng)
**Strategy:** Reutilize the park and satisfy the needs for affordable housing with a hybrid “park-housing” scheme
Program: Polo Grounds Towers versus Polo Grounds Houses. The new residential area will be accompanied by the necessary park-friendly programs to satisfy the public and the residents’ needs.
Design: Sustainable Design elements such as water filtration and recyclable system are integrated within the landscape.
Strategy: Polo Grounds Towers will be the new Manhattan’s entrance to the Yankee Stadium
Program: A sports culture as an economical development tool
Design: Extension of the Ruckers Basketball court becomes the physical and social linkage of Polo Grounds Towers to the City
Yang Joon Young - MSAAD 2007
(with Christina Brelsford, Kathryn Sargent)
Strategy: The Urban Void
- 5 Minute Walk - Public Educational Programs - Social and Physical Connection
Program: A Water Filtration Station as an Educational Element of the City and a Visitor’s Center to reconnect Jackie Robinson Park and High Bridge Park by opening old & new Trails
Design: A Building as a Ramp above existing Parking Lot that links the Polo Ground Towers with the rest of the City
Mario Valenti - Engineering Dept
(with James Trummer)
Strategy: Create circular interchange and connection between 4 disconnected neighborhoods and the two parks
Program: a new multifunctional public space and “under roundabout” activities will tie together people and parks
**Design:** Roundabout link to foster connectivity and water collection to reduce CSO
Engineering Students:

Eloise Louella Allsop
Christina M Brelsford
Charlotte Wan Dean
Alisha Esther Goldstein
Geoffrey David Kelly
James Wesley Mills
Stephen Henry Samuel
Michael Dean
Silberman
James A. Trummer
Irma Ifakat Turan
Mario Valenti

C.L.I.M.B. 155th street
(city life is moving bodies)
The 4 quadrants
water supply ↔ NYC ↔ waste water treatment
CSO events contain:

- pathogenic microorganisms
- suspended solids
- toxic pollutants
- oil and grease

CSO events affect:

- human health
- aquatic life and habitats
- waterway use
- aesthetic quality
precipitation + consumption
runoff + wastewater + infiltration + evaporation
impervious pavements
impervious roofs
wasted water

slower water
porous systems
low impact development
Catchment area: 1,000,000 ft²
Wetland size: 91,000 ft²

**Constructed Wetland:** Use existing topography to provide cleaner water
Green Roof Area: 44,375 sq. ft.
Irrigation: 111,000 gallons/month
Elevation change utilized for irrigation (gravity pump)

**Green Roof:** Reduce CSO occurrence - Reduce energy use
Rainwater Harvesting: Reduce upstate reservoir use
as goes the site, so goes the city.

the end