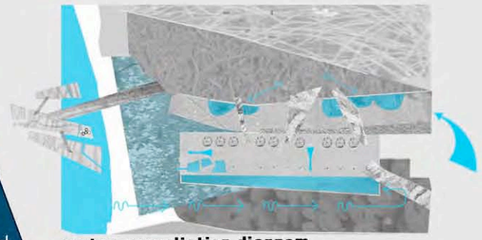
HOW WOULD YOUR PROPOSAL BE REALIZED? HOW WOULD YOU BE INVOLVED? As architects, we will coordinate with environmental and landscape consultants, the NY State Park Service, NYDEC, the city, residents, and community groups including artists, and any other members of the community who show an interest in the Williamsburg Waterfront Park. We will prepare and coordinate the construction drawings for the park. In order to receive approval from government agencies we will need to prepare presentation boards and this may also be required for presentations to members of the community. A transparent process is important so that members of the community are aware of park planning. We propose regular meetings or postings so that the public can stay informed. We, as members of the Williamsburg community, Brooklyn, and NYC have a stake in creating a smart, sustainable park that can be used by our families and friends.

WHAT DO YOU IMAGINE YOUR PARTICIPATION WOULD BE IN TENDING AND EXPERIENCING YOUR PROPOSAL DURING THE YEARS TO COME? We will work with thePark Service to establish guidelines based on the "Guiding Principles of Sustainable Design" set forth by the National Park Service and also to create a specific outline to ensure that all staff and commu nity stewards understand the park's concept in order to promote and maintain it appropriately.

HOW DO YOU THINK YOUR PROPOSAL WOULD INVOLVE THE COMMUNITY IN STEWARDSHIP OF THEIR WATER'S EDGE? Although the park is self-sustaining it will need general upkeep and a maintenance program that will understand and interpret the original design intent. We feel that community members have a vested interest in the success of this park and will benefit tremendously from what it offers and therefore they are the most qualified people to oversee it. To realize the goals of the park to its fullest potential, there will need to be community involvement. We feel that the model of the successfully run community gardens is a good starting point. For example community members will need to take on leadership roles such as: youth leader, events planner, park liaison for art exhibitions, education coordinator, etc. Regular meetings should be encouraged to enable new members of the community to become involved at any point in time.

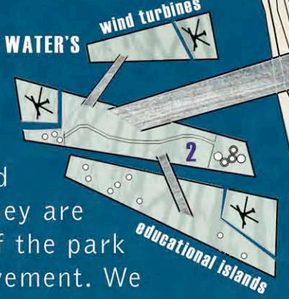
HOW WOULD YOUR PROPOSAL POSITIVELY AFFECT THE ECOLOGY AT THE WATER'S EDGE AND BEYOND? We hope that experiencing this Sustainable Park first-hand will inspire New Yorkers to become more environmentally responsible urban residents. We feel that an "off the grid" park that is powered by solar and wind energy sends an important message to neighboring power plants, empowers the community, and sets a high standard for our children to learn from. We propose demolishing half of the hard, impermeable surfaces on site to cut down on polluted run-off. The debris would be used to build an upland terrace area on the opposite side of the site. The remaining concrete surface can be modified to collect more stormwater runoff from its surface. We want to maintain a portion of the original industrial site (cont.)

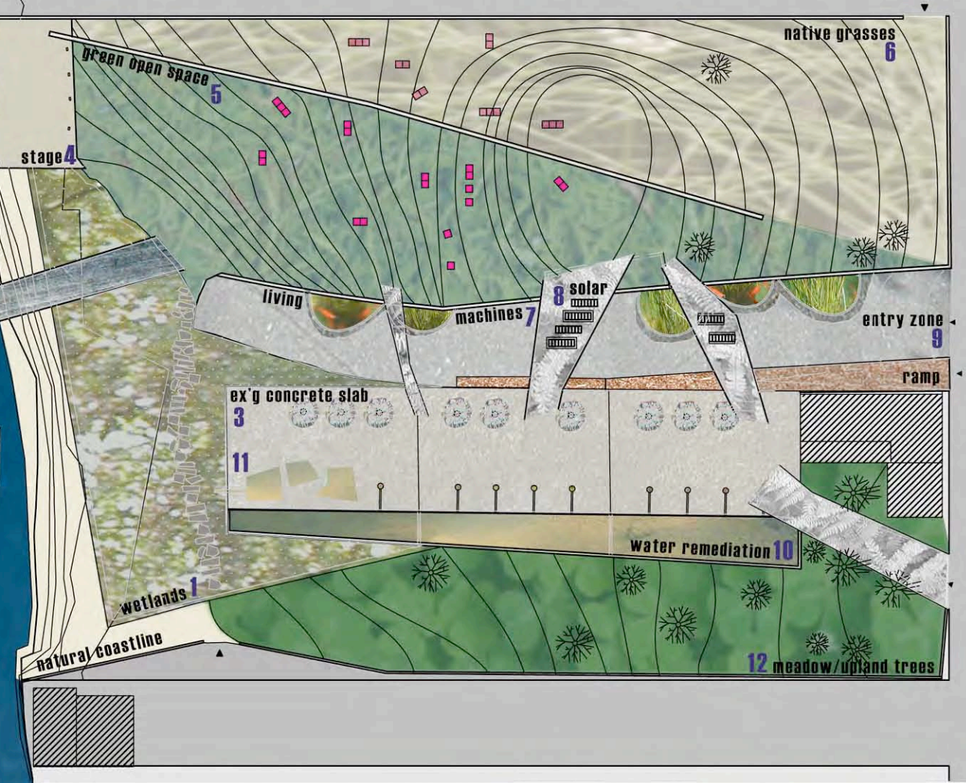


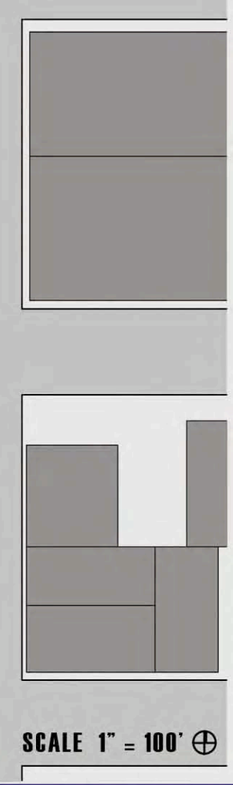
water remediation diagram
SYSTEM 1 pumping of river water, runoff, and stormwater to water remediation troughs where it is cleaned and brought to wetlands.
SYSTEM 2 pumping of river water and gray/black water from on-site facilities to living machines, cleansed and sent to wetlands.

alternative energy diagram
SOLAR solar panels to provide power for bathroom and maintenance facilities and outdoor performances, solar battery backup in facilities
solar-powered lighting along pathways.
WIND wind turbine islands with battery backup in facilities

industrial reuse diagram
REUSE of old foundations on site for hillside seating debris for pathways, retain existing concrete slab
SUBTERRANEAN REUSE hillside from reclaimed fill







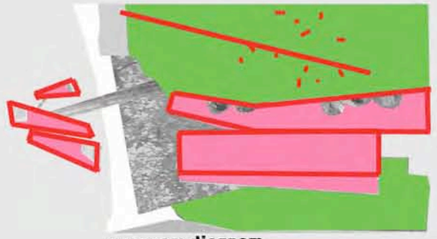
SCALE 1" = 100'

Key

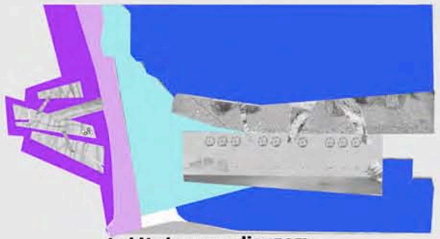
1 wetlands to be returned to this site to bring back diversity of plant and animal life
2 educational islands with activities for children, fishing, light craft docking, and wind turbines
3 retain existing concrete slab for gathering and allow "green" to take over original column holes
4 stage for all types of events
5 mound descending towards stage and views to nyc, recycled foundations with artist "tops" strewn along hillside
6 native grasses and alphafa to leach toxins from soil and regenerate
7 treat gray and black water, runoff and river on site in open living machines
8 solar panels integrated onto bridges with backup battery power in facilities to power the site
9 entry "street" that connects urban grid to the river
10 troughs of green plantlife treating site runoff and river water to "make visible" the water-cleansing process
11 educational troughs for children to take part in "cleaning" river water
12 meadow with grass and upland trees native to this area

WILLIAMSBURG WATERFRONT COMPETITION ENTRY:

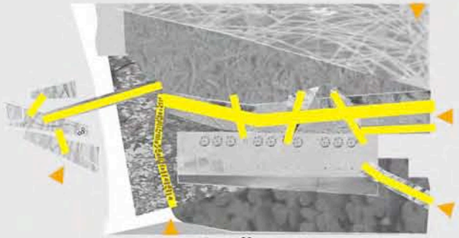
OFF THE GRID SUSTAINABLE PARK



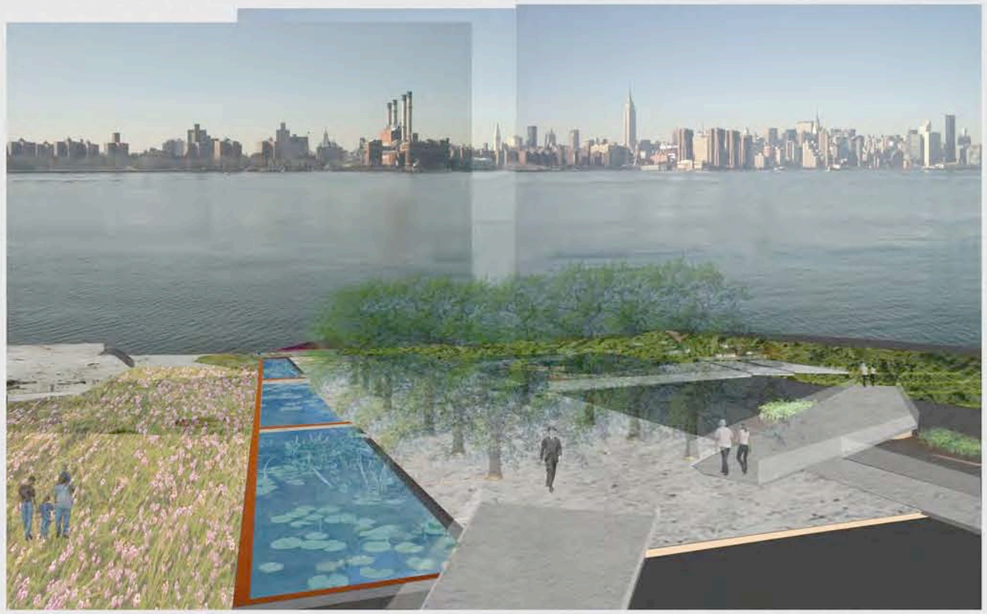
program diagram
OPEN GREEN SPACE green areas signifies areas of grass or meadow for public use
EDUCATIONAL AREAS pink areas have educational activities
ART INSTALLATIONS red outline for temporary art exhibits



habitat zones diagram
BENTHIC purple areas
FLOOD PLAIN TERRACE light purple areas
WETLAND light blue areas
UPLAND TERRACE blue areas



circulation diagram
URBAN GRID orange triangles are entry points off of the urban grid and east river
PEDESTRIAN pathways interconnecting various parts of the site



water remediation trough view (above)
eighth street entry view (left)

ECOLOGY (CONTINUED) because there is a critical dialog between the park and its industrial surroundings and between nature and manmade. We are also proposing that all storm water run-off, black and gray water from the maintenance facilities and bathrooms plus some East River water be processed through a series of pools and plantings so that it is cleansed through a natural and visible system (water remediation) that will help revive the wetlands on this site. Our park proposal gives opportunity for native plants and wildlife to return to this urban coastline by providing piers for sheltered pockets, protected wetlands, a sandy coastline. Our open spaces will include an area planted with native grasses and alfalfa to naturally "clean" the soil by leaching out harmful levels of toxins. Other open areas will provide "meadow" zones that establish areas of upland terrace trees. We also provide educational opportunities for the community to actively take part in cleaning the tidal estuary and to become more aware of how an estuary works-such as marking levels along the piers so that the tidal waters are made visible. This park can also set an example for other urban, industrial areas looking to create more "green"open space that encourages interaction with the ex'g urban river fabric. Our proposal seeks to help reestablish the community's historic ties to the riverfront + provide a healthy ecosystem for the return of native plant and animal species.

HOW MUCH DO YOU THINK IT WILL COST TO IMPLEMENT OR START TO IMPLEMENT? We define"starting to implement" this design as a completed and coordinated set of drawings and that testing and initial cleanup of the site would be underway. Costs for design services includes architectural and all consultant fees and this number should add up to 10-15% of the overall project cost. Initial testing and cleanup costs can be estimated by reviewing urban park projects similar in scope.

HOW WOULD YOUR PROPOSAL EVOLVE OVER THE YEARS? Ideally, this park would be seen as a community cultural center. A place where families of all socio-economic backgrounds and ethnicities would come together to celebrate, exercise, learn,and enjoy the "green" open space. The community is always changing; we feel that there needs to be a factor built into our design that allows for change. Assessing how the park is used would allow for the possibility to change aspects that are not working and enhance certain areas that are successful.This would also permit the plan to evolve over time to meet the needs of an evolving + growing community.