

# EAST RIVER STATE PARK



PROPOSED WINNING ENTRY FROM 2005 ADD YOUR MARK TO THE WATERFRONT WATER'S EDGE COMPETITION SPONSORED BY:  
FRIENDS OF THE WILLIAMSBURG WATERFRONT PARK, BROOKLYN ARCHITECTS COLLECTIVE, & NEIGHBORS AGAINST GARBAGE

DESIGNERS:  
ALISON DUNCAN  
SARAH LUDINGTON - FABRICA 718  
PETRA MAGER,  
GARETH MAHON  
JULIE TORRES MOSKOVITZ - FABRICA 718  
STEPHANIE SAULMON

# EAST RIVER STATE PARK



PRESENTATION BOARDS



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DESIGNERS INCLUDE: GARETH MAHON, 35AP, STEPHANIE SAULOV, ALISON DUNCAN, PETRA MAGER, FABRICA 718, JULIE TORRES JACOBOWITZ, SARAH LUDINGTON AND PRODUCTION TEAM ABIGAIL COOVER AND CARA SOLOMON  
FABRICA 718 CONSULTED WITH ATELIER TEN, CONSULTING ENVIRONMENTAL DESIGNERS, ALTERNATIVE POWER, INC., AND WATER STEWARDS KLI WORK

# EAST RIVER STATE PARK



## PHASE I PHASE II

NEW PIER, LOOKOUT AND  
FLOATING GARDENS

ECO EDUCATIONAL ISLANDS WITH  
SOLAR AND WIND ENERGY COLLECTION

STABILIZE EXISTING INDUSTRIAL PIER RUINS

STAIRS PROVIDING PIER AND BEACH ACCESS

LOW AND HIGH TIDAL MARSH PLANTINGS  
ENCOURAGING RETURN OF NATIVE BIRDS  
AND ANIMALS

OPEN GRASS MEADOW WITH NATIVE PLANTINGS

PATHWAY CONNECTING TO CITY PARK TO THE NORTH

AMPHITHEATER GRASS AND CONCRETE SEATING  
PRESERVES INTIMATE COVE FEEL AT BEACH

GABION STAIRS THAT READ TIDAL WATERS  
OF EAST RIVER/ ESTUARY

CLEAN UP AND STABILIZATION OF BEACH

BIOSWALES OF GRASSES, WET-LOVING GROUNDCOVERS  
AND PERENNIALS WITH GRAVEL AND BOULDERS  
FOR WATER FILTRATION

EXISTING CONCRETE RUIN USED FOR  
PERFORMANCE OR GATHERING SPACE

CANOPIES PROVIDE SHADE UNTIL TREES MATURE

CONSTRUCTED WETLAND WITH MARSH GRASSES  
THAT CLEANSE AND FILTER "GRAY" WATER

RIPARIAN BUFFERS TO STABILIZE BEACH

GREEN RAMP ALLOWS EXTERIOR VIEWS  
INTO LIVING MACHINES

LIVING MACHINE PROCESSES GRAY AND  
BLACK WATER FROM ON-SITE FACILITIES  
INCLUDING WATER SPRAYS AT FOUNTAIN

BERMED BUILDING WITH GREEN ROOF CONTAINS  
CLASSROOM, BATHROOMS, LIVING MACHINE AND  
MAINTENANCE STORAGE - BERM CREATED  
USING ON-SITE DEBRIS

DUNE PLANTINGS OF NATIVE SALT-  
TOLERANT GRASSES, COASTAL SCRUB  
AND UPLAND BORDER PLANTINGS  
DEFINING NATURALISTIC PATHWAYS

DECIDUOUS SHADE TREES DENSER AT  
STREET AND FADING TOWARDS WATER

LOW MAINTENANCE, DROUGHT  
RESISTANT PLANTS USED IN GARDEN  
LANDSCAPES THROUGHOUT

EXISTING REFUSED INDUSTRIAL  
ENDPOURS SCATTERED THROUGHOUT  
SITE

EXISTING RAILROAD TRACKS WITH  
NATIVE GRASSES

MEANDERING PATH THROUGH  
WILDLOWERS WITHIN EXISTING  
CONCRETE RUINS

CHILDREN'S PLAY AREA  
FOUNTAIN FROM SITE TREATED WATER  
SAND PLAY ZONE  
LAWN WAVES

EXISTING COBBLESTONES WITH  
GRASSES

8TH STREET CENTRAL AXIS

NEW METAL RAMP TO BERMED AREA

EXISTING DECIDUOUS TREES AT  
ENTRANCE

NEW METAL BRIDGES CONNECTING  
PARTS OF SITE

ANGLED BERM OFFERS SEATING WITH  
VIEWS OF MANHATTAN

TREE "FOLLIES" CREATING OUTDOOR  
CLASSROOMS THROUGHOUT SITE

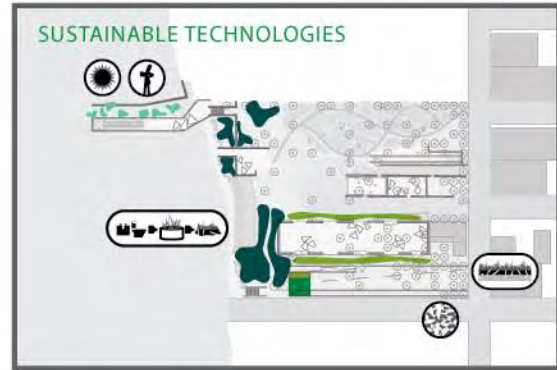


SCALE: 1" = 40'-0"





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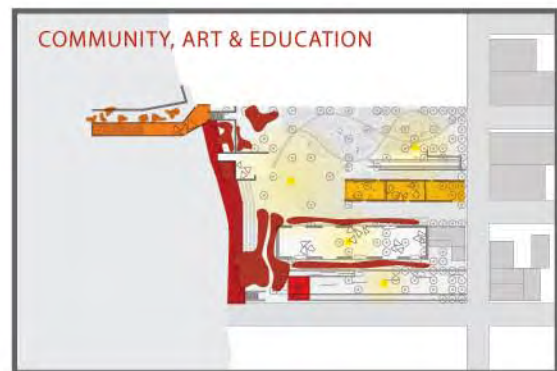
SUSTAINABLE TECHNOLOGIES

- ECO ISLANDS
- BIOSWALES
- WETLANDS
- LIVING MACHINES
- GREEN ROOF/ BERMED BUILDING



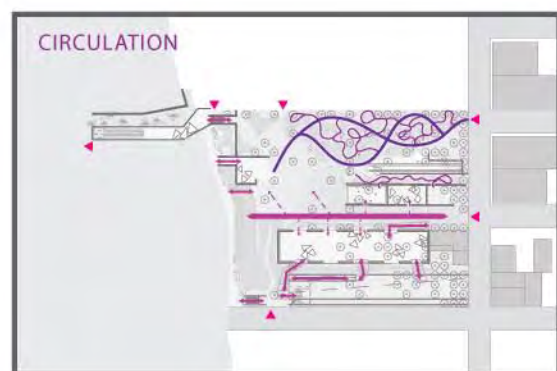
WATERFRONT ACCESS & STABILIZATION

- WATERFRONT ACCESS POINTS
- TEMPORARY & LIVING CANVASES
- STABILIZING PLANTINGS & RIPRAP
- TIDAL STAIRS



COMMUNITY, ART & EDUCATION

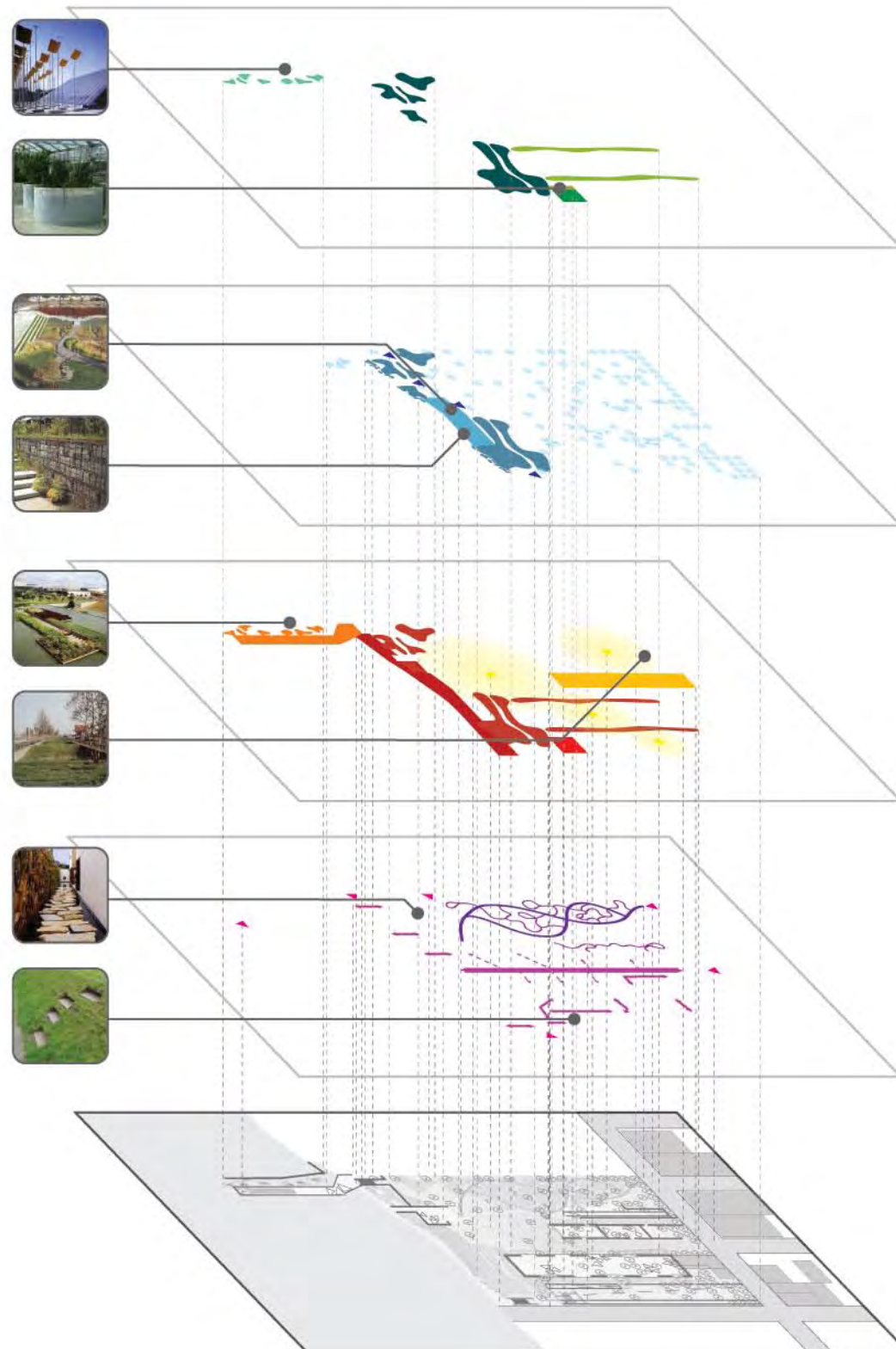
- WATER EDUCATION
- BERMED BUILDING (FACILITIES, CLASSROOMS)
- EDUCATIONAL PIER & ISLANDS
- CHILDREN'S PLAY AREA
- COMMUNITY MEETING/ ART DISPLAY POINTS



CIRCULATION

- ENTRANCES
- MAIN AXIS AND ADDITIONAL PATHWAYS
- MAIN DUNE PATHWAY
- SECONDARY PATHWAYS

EXPLODED AXONOMETRIC



VIEW OF WETLANDS AND ENTRANCE TO BERMED BUILDING, WITH BATHROOM FACILITIES, CLASSROOMS AND WATER FILTRATION SYSTEM.



WATERFRONT WITH VIEWS OF ACCESS POINTS, WETLANDS, BEACH, RIPARIAN BARRIERS, GABION TIDAL MARKERS, AND PIER IN THE DISTANCE.



VIEW OF PIER WITH ECO EDUCATIONAL ISLANDS CONTAINING WIND/SOLAR COMBINATIONS AND PLANTINGS. FLOATING GARDENS INCORPORATED INTO PIER WITH LOOK OUT POINT AND CANOPY AT END OF PIER.



VIEW OF BRIDGE OVER FLOATING GARDENS, SHOWING CONNECTION BETWEEN LAND AND WATER.



# EAST RIVER STATE PARK



## EXISTING FEATURES

MEADOWS



TRAIN TRACKS



EXISTING PLATFORM



LOW WALLS



END POURS



COBBLESTONES



INDUSTRIAL RUIN



PIER



PATH TO WATER



WATER'S EDGE



## CASE STUDIES

BERMED BUILDING



LIVING MACHINE



SOLAR PANELS



WINDMILLS



GABIONS



BRIDGE OVER SWALES



CANVASES



STAIRS



SEATING



DUNES



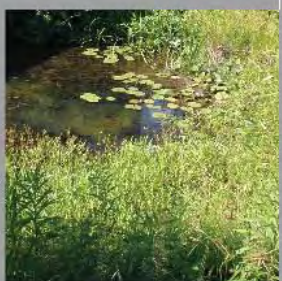
BIOSWALE



MEADOW



WETLANDS



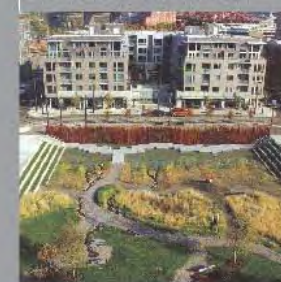
TREE PLANTINGS, VEGETAL FOLLIES



LAWN WAVES



LAWN AMPHITHEATER



FLOATING GARDENS





# EAST RIVER STATE PARK



VIEW FROM PLANTED "DUNE SCAPE" AREA AT NORTHERN EDGE OF THE PARK INCLUDING INDIVIDUAL PATHWAYS AND "EXTERIOR CLASSROOMS". DUNE PLANTINGS INCLUDE NATIVE SALT-TOLERANT GRASSES, COASTAL SCRUB AND UPLAND BORDER PLANTINGS DEFINING NATURALISTIC PATHWAYS.



VIEW FROM WATER OF CHILDREN'S PLAY AREA -FEATURING WATER SPRAYS POWERED BY ON-SITE SOLAR PANELS AND WIND TURBINES WITH WATER SUPPLIED BY ON-SITE FILTRATION SYSTEMS. SAND PLAY AREA AND LAWN WAVES BEYOND.



VIEW OF BERMED BUILDING WHICH HOUSES PUBLIC BATHROOMS, CLASSROOMS, A WATER FILTRATION SYSTEM, AND MAINTENANCE AREA. THE PROCESS OF FILTERING "GRAY" WATER IS MADE VISIBLE AS IT IS FILTERED INTO THE ADJACENT WETLAND/RAIN GARDEN AREA ADJACENT TO THE CHILDREN'S WATER SPRAYS.



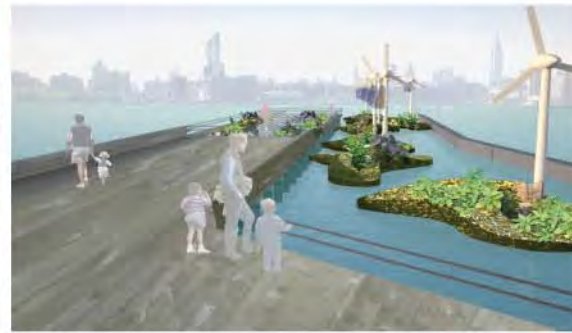
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VIEW OF FILTERING BIOSWALES THAT CONSIST OF GRASSES, WET-LOVING GROUNDCOVERS AND PERENNIALS WITH GRAVEL AND BOULDERS FOR WATER FILTRATION. VISITORS CIRCULATE THROUGH THESE AREAS VIA RAMPS MADE OF INDUSTRIAL MATERIALS.



VIEW AT END OF ENTRY PATHWAY WITH A BIOSWALE TO THE LEFT AND THE WETLANDS/RAIN GARDEN AREA TO THE RIGHT AND BEYOND.



VIEW OF PIER WITH ECO EDUCATIONAL ISLANDS CONTAINING WIND/SOLAR COMBINATIONS AND PLANTINGS. FLOATING GARDENS INCORPORATED INTO PIER WITH LOOK OUT POINT AND CANOPY AT END OF PIER.



VIEW OF WETLANDS AND ENTRANCE TO BERMED BUILDING, WITH BATHROOM FACILITIES, CLASSROOMS AND WATER FILTRATION SYSTEM.



VIEW OF BRIDGE OVER FLOATING GARDENS, SHOWING CONNECTION BETWEEN LAND AND WATER.

VIEW OF INDUSTRIAL RUINS PROGRAMMED WITH PASSIVE RECREATION FOR CHILDREN - INCLUDING A LAWN WAVE ZONE, SAND AREA, AND WATER SPRAYS BEYOND. ADJACENT IS A WILDFLOWER PLANTING AREA WITH MEANDERING PATHWAYS THROUGH EXISTING RAILROAD TRACKS.



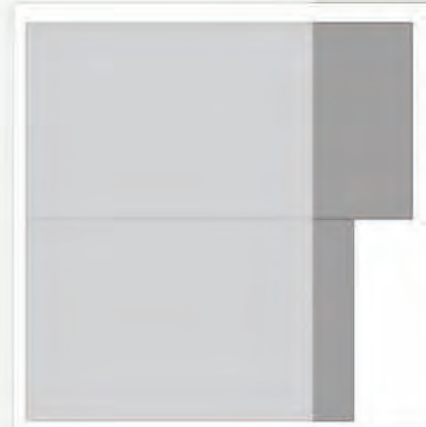


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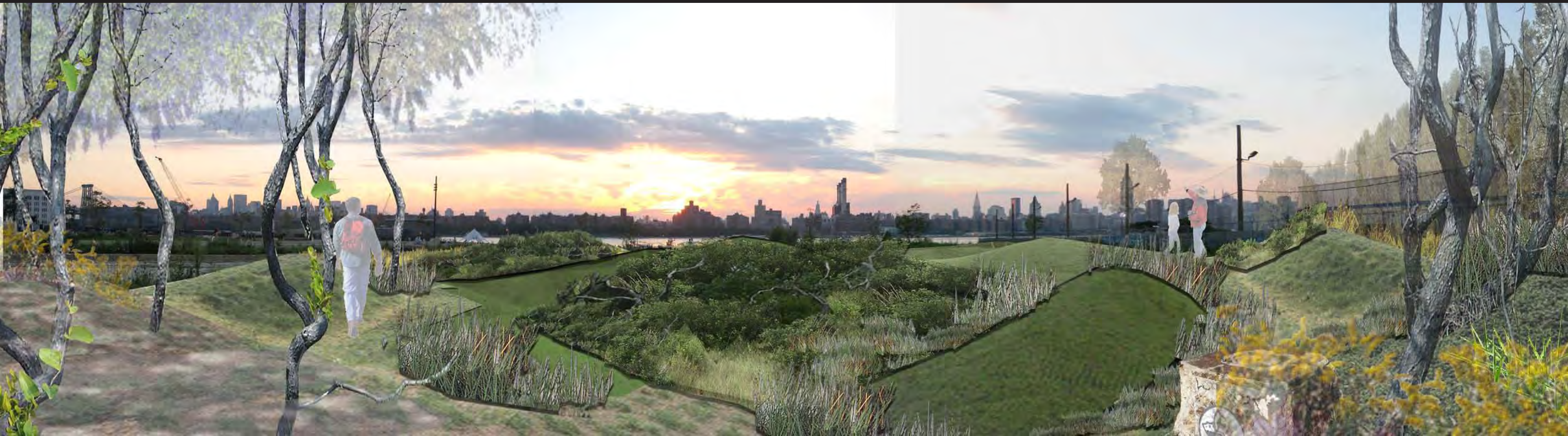


RENDERINGS









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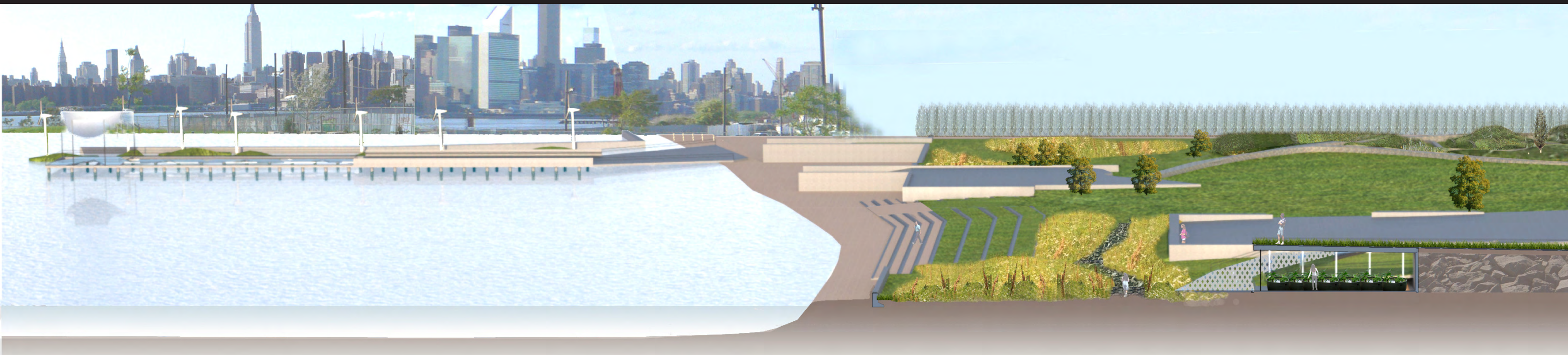
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WATERFRONT WITH VIEWS OF ACCESS POINTS, WETLANDS, BEACH, RIPERIAN BARRIERS, GABION TIDAL MARKERS, AND PIER IN THE DISTANCE.





SECTION VIEW AT WATERFRONT SHOWING EMPHASIS OF NATURAL COVE LINE, TIDAL STAIRS, WATERFRONT ACCESS POINTS, AND THE EDUCATIONAL PIER THAT INCLUDES THE SOLAR AND WIND POWER GENERATORS FOR THE ENTIRE SITE.





VIEW OF FILTRATING BIOSWALES THAT CONSIST OF GRASSES, WET-LOVING GROUNDCOVERS AND PERENNIALS WITH GRAVEL AND BOULDERS FOR WATER FILTRATION. VISITORS CIRCULATE THROUGH THESE AREAS VIA RAMPS MADE OF INDUSTRIAL MATERIALS.





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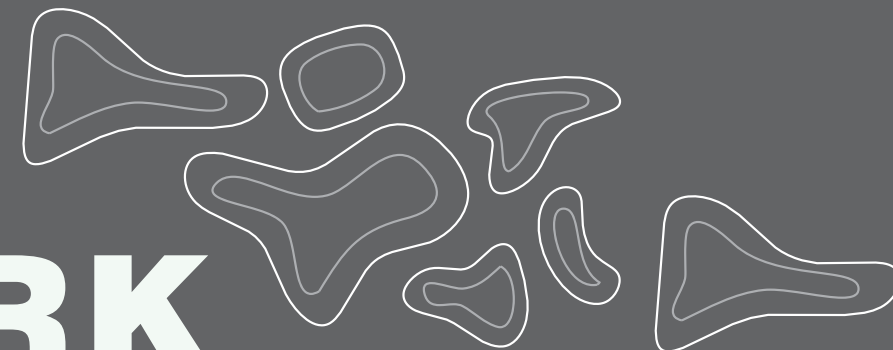




VIEW OF BRIDGE OVER FLOATING GARDENS, SHOWING CONNECTION BETWEEN LAND AND WATER.



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ADDITIONAL PRODUCTION CREDITS:

ABIGAIL COOVER AND CARA SOLOMON @ FABRICA 718