

SUSTAINABILITY PARK
ECHO LAKE AQUARIUM AND SCIENCE CENTER
LEAHY CENTER FOR LAKE CHAMPLAIN

MAP LEGEND



Existing Conditions



Proposed New Construction



Interpretive Exhibits and Art



College St. Circle
and Parking Lot



Stormwater Smart Parking Lot
and Bike Path Spur



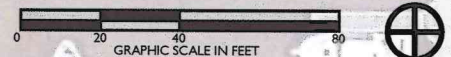
Education Dock
and Shelter



Floating Nature Walk
and Navy Memorial Steps



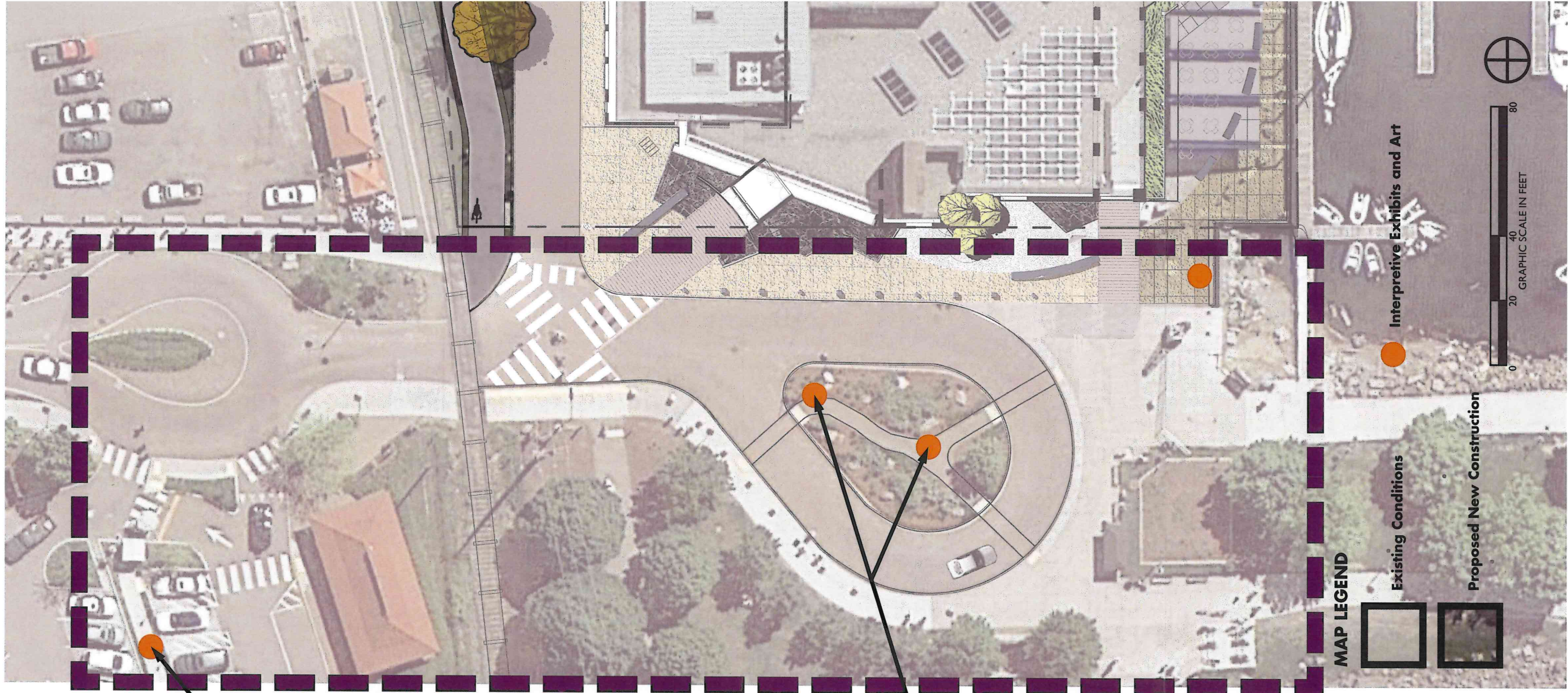
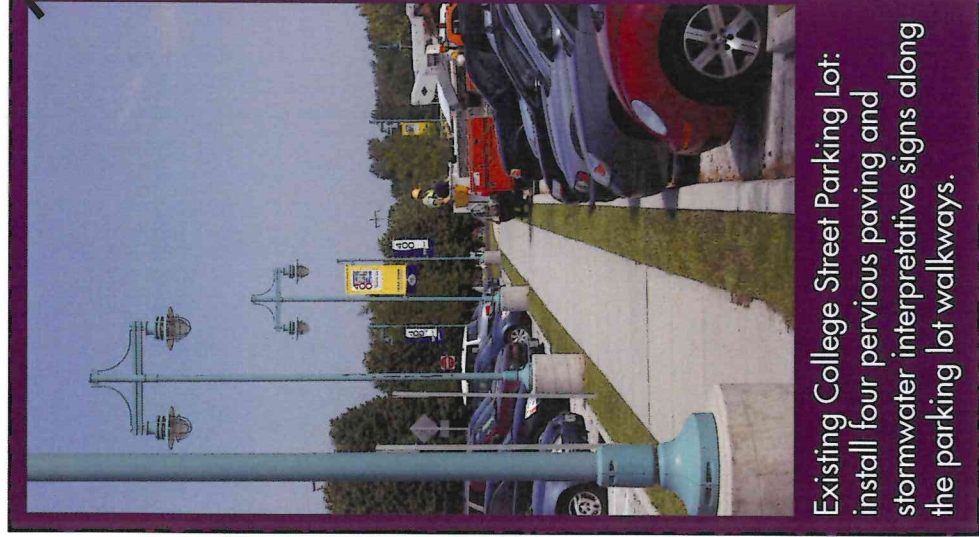
Lakeside Terrace



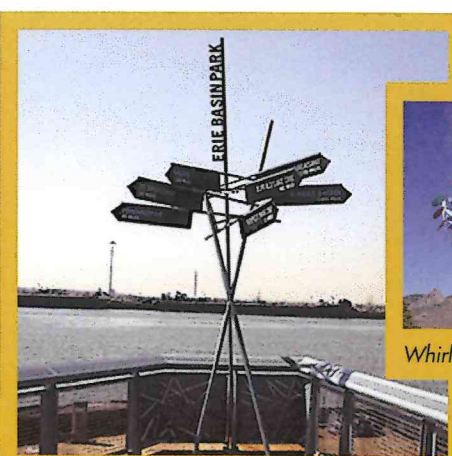
GRAPHIC SCALE IN FEET



College St. Circle and Parking Lot



Stormwater Smart Parking Lot and Bike Path Spur



Erie Basin Park, Red Hook, Brooklyn, NY
Sustainability Park welcome and orientation sculptural signage installations combines waterfront history, ecology, and culture.



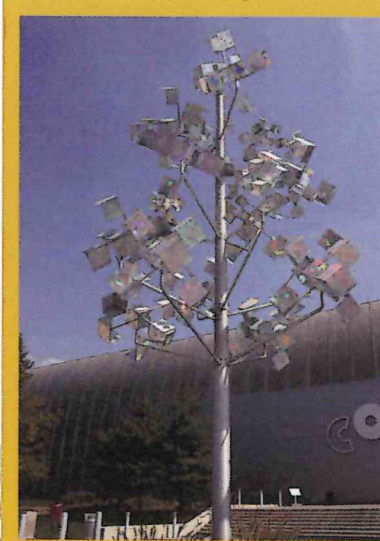
Whirligig Array, Chuck Dunbar



Aluminum Fish, Homer Wells, New Haven, VT



This sculptural electric vehicle (EV) charging station at Healthy Living, South Burlington, VT by Kat Clear, is an example of a sculptural interpretations for ECHO's 3 EV stations.

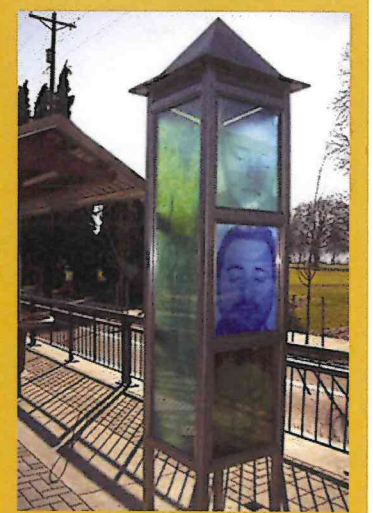


Science Spectrum, COSI, Columbus, OH, William Wainwright

A wind and light kinetic sculpture and unique interpretive signage like these examples will invite bike path users to come explore Sustainability Park by way of the interactive green bike path spur.



Musical Fence, deCordova Museum, Lincoln, MA, Paul Matisse.

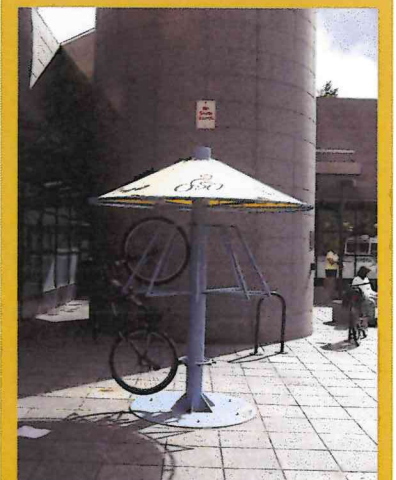


Light Tower, Overlook Park Station, Portland, OR, Fernanda D'Agostino



Bike Rack Sculpture, Louisville, KY

Interpretation and bike racks will express the unique history and culture of the Burlington Waterfront thought art & environmentally-friendly materials.



Covered standing bike rack, Denver, CO



Bike Rack Sculpture, Louisville, KY



Chambly Canal Interpretation, Saint-Jean-sur-Richelieu, Quebec

MAP LEGEND

-  Existing Conditions
-  Proposed New Construction
-  Interpretive Exhibits and Art



Stormwater Smart Parking Lot and bike path spur construction will utilize permeable surfaces, bio-swales and retention-pond low impact development (LID) methods to improve the stormwater runoff from the project.

Education Dock and Shelter

MAP LEGEND

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Interpretive Exhibits and Art

0 20 40 60
GRAPHIC SCALE IN FEET



Outdoor science exhibits will encourage the public to explore natural phenomena such as wind, weather, and light and questions like the one presented by the San Exploratorium, San Francisco, CA, "What color is the water?"



Free-standing signage with canopy, Confluence Park, Denver, CO



Cantilevered freestanding signage, City Hall, Fitchburg, WI

Throughout Sustainability Park a variety of interpretive types of signage will be used to communicate science content, site history, sustainable practices, and other concepts to the public.

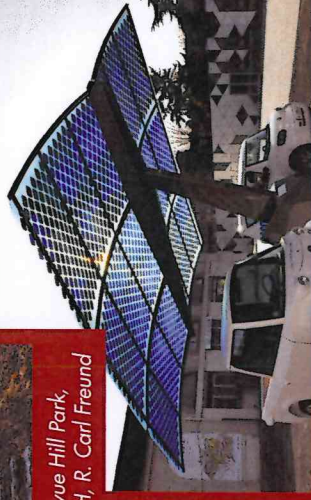


Lincoln Park Zoo Outdoor Classroom, Chicago, IL



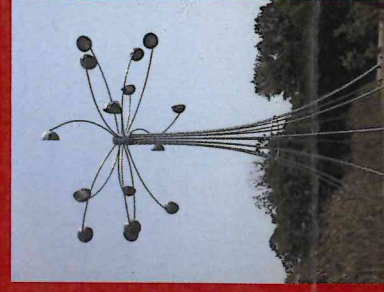
Modern picnic shelter, Northshore Hamilton, Queensland, Australia

Pavilion, Bellevue Hill Park, Cincinnati, OH, R. Carl Freund



Photovoltaic sunshade electric vehicle charging station, Sustainable Urban Design & Innovation, Ombrière

Though installing solar panels, a living green roof, and innovative design and exhibits, the Education Shelter will be a sustainable living demonstration site and a great place to take a class or have a picnic.



Interplay of Two Primary forces, NRG Systems Hinesburg, VT, Gordon Auchincloss



Sea Change, Storm King Art Center, New Windsor, NY, George Cuts

A renewable energy related kinetic sculpture will provide an anchor art experience for the Education Dock and Shelter area.



Halo, College Bourret de Rigaud, Quebec, Canada, Catherine Widgerly



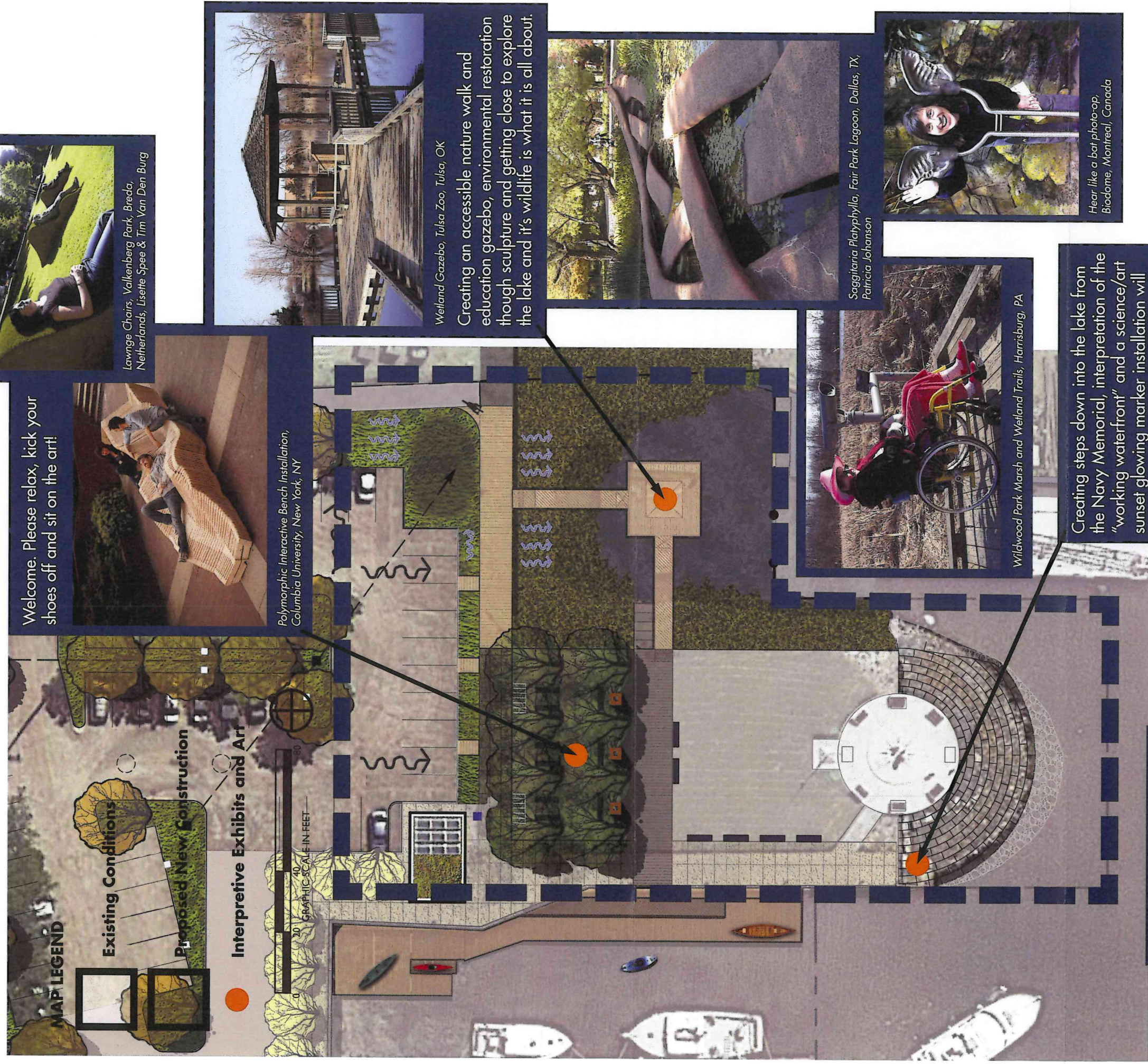
Accessible docks and small boat launch with grab and launch railings.



School group studying on a welland walk featuring ADA curbing.

Accessible education docks and small boat ramp will give everyone, from eager summer campers to curious adults the opportunity to get closer to the lake.

Floating Nature Walk and Navy Memorial Steps



Welcome. Please relax, kick your shoes off and sit on the art!

Lawng Chair, Valkenberg Park, Breda,
Netherlands, Lisette Spee & Tim Van Den Burg

*Polymorphic Interactive Bench Installation,
Columbia University, New York, NY*

Wetland Gazebo, Tulsa Zoo, Tulsa, OK

Creating an accessible nature walk and education gazebo, environmental restoration through sculpture and getting close to explore the lake and it's wildlife is what it is all about.

Sagittaria platyphylla, Fair Park Lagoon, Dallas, TX,
Patricia Johanson

*Hear like a bat photo-op,
Biodome, Montreal, Canada*

Wildwood Park Marsh and Wetland Trails, Harrisburg, PA

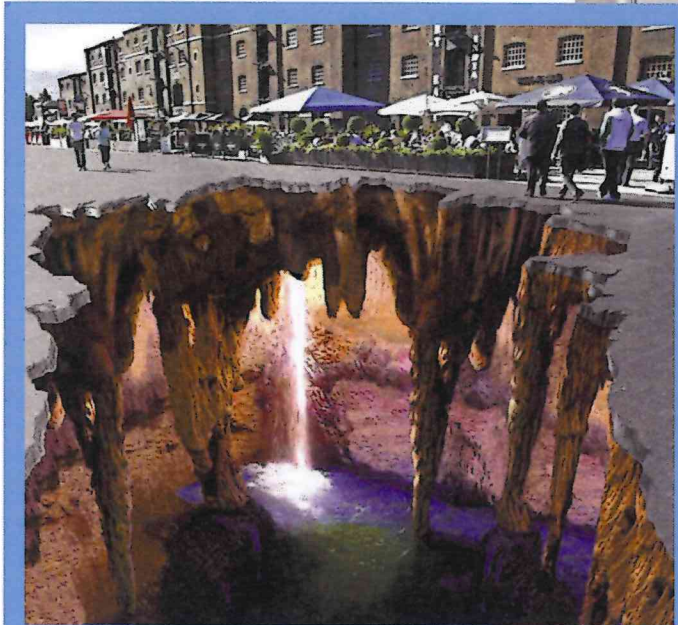
Creating steps down into the lake from the Navy Memorial, interpretation of the "working waterfront" and a science/art sunset glowing marker installation will create a unique destination.

Lakeview Commons,
El Dorado Beach, Lake Tahoe, CA

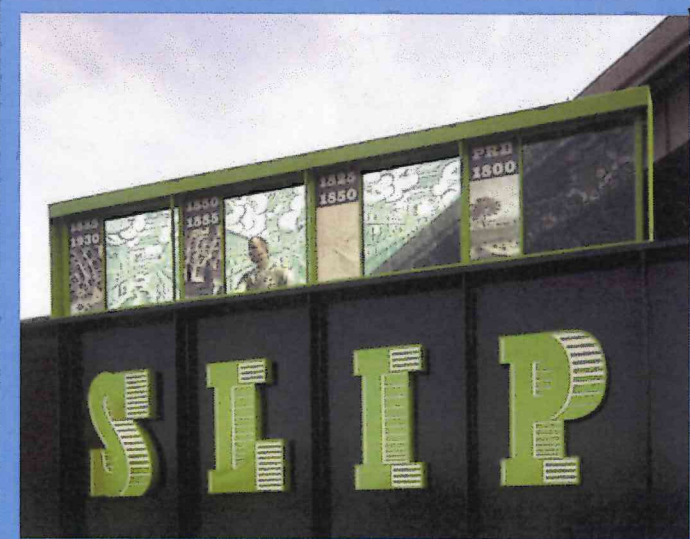
Interpretive signage, Erie Basin Park,
Red Hook, Brooklyn, NY

Kansas City Art Institute, Kansas City, MO,
Julie Moir Messervy

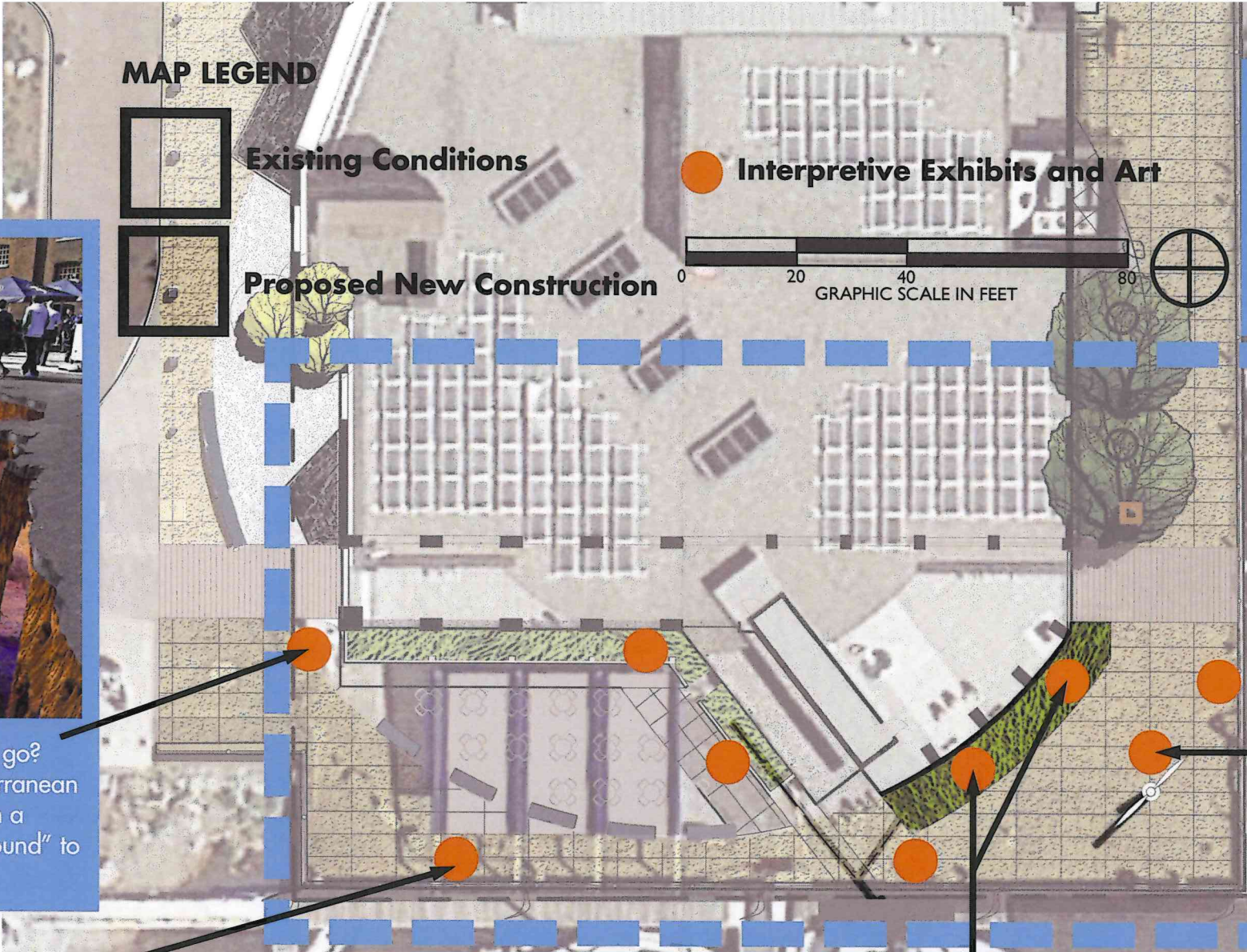
Lakeside Terrace



Where does the water in the rain garden go? Though using 3D sidewalk—like the subterranean fantasy world created by Edgar Muller on a street in Europe—we can “travel underground” to follow the water’s journey.

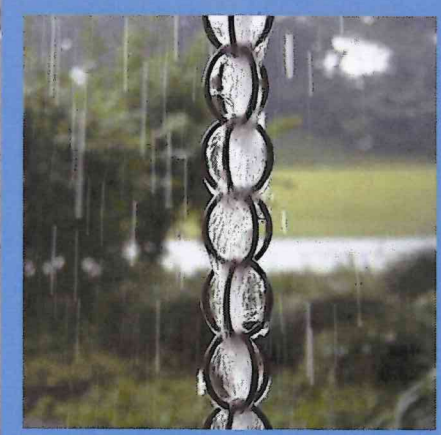


What did the waterfront look like in the 18th, 19th, and 20th centuries? The Erie Canal Harbor Project, Buffalo, NY, interpreted the past to understand the future by superimposing historic photos on glass in front of the existing harbor.



Boundless Energy: the science behind renewable energy, Birch Aquarium, La Jolla, CA

A variety of hands-on wind and solar exhibits will be installed near the residential scale wind turbine and just below the solar panels on ECHO’s roof. We will turn the turbine pole into an engaging dynamic sculpture.



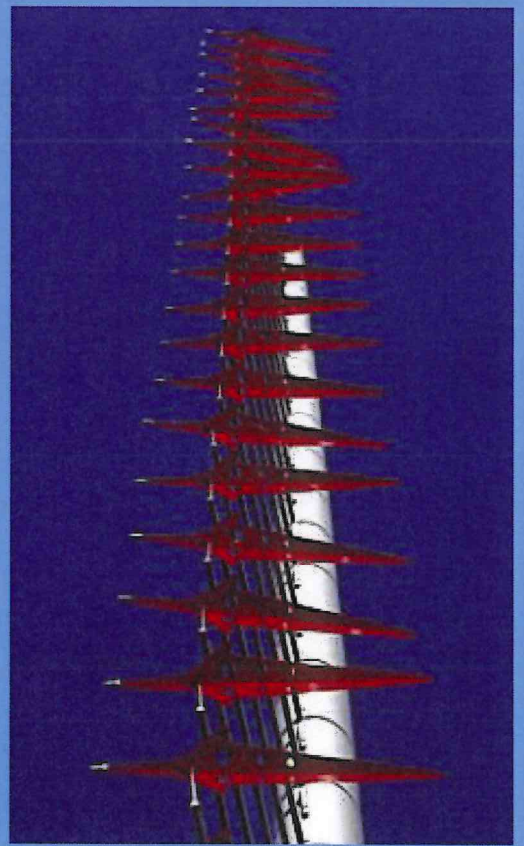
Rain chains create artistic downspouts to redirect water to a rain barrel or rain garden.



Rain Garden Trail, COSI, Columbus, OH



The Lakeside Terrace rain garden expansion and the accompanying exhibits will create more free stormwater education opportunities for the public, increase the amount of green space on the site, redirect runoff, and improve animal habitat.



Wind Arrows, Outdoor Exploratorium at Fort Mason, San Francisco, CA