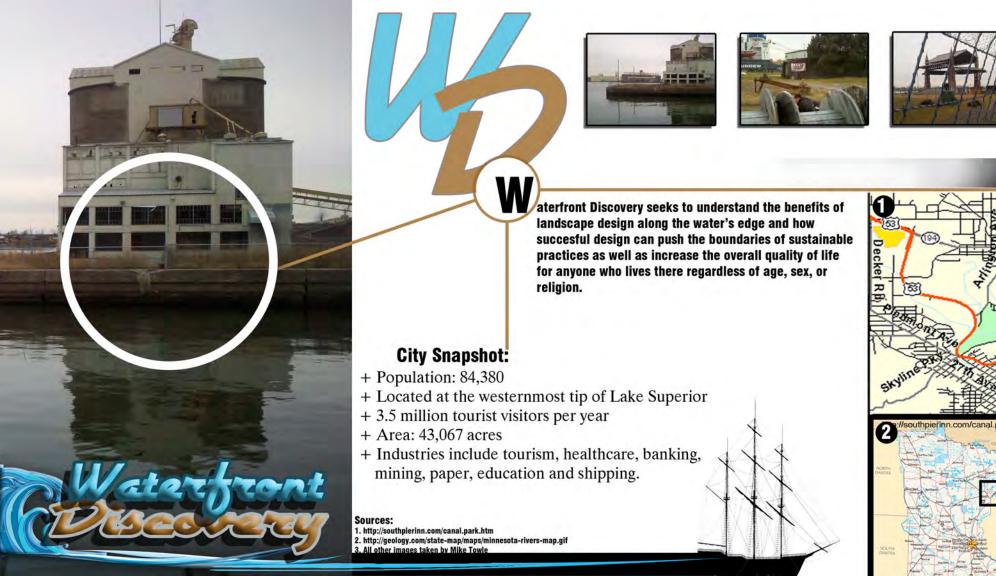


Wiew from the Bluffs Heritage of Duluth's Shipping Industry











5ite issues

Parking on site is very poorly designed as it is nothing more than a flat gravel lot

without parking lines. More parking is needed to satisfy the needs for Bayfront

The current retaining wall along the shoreline of slips #2 and slip #3 allows

r and also remains an eyesore for

metal make the area very unappealing to

Concrete Barrier

Industrial Remnants

The entire second and third slips are

accessible to the public as they are

covered with remnants of a post





Bayfront Park Revitalization Project

The Bayfront Site in Duluth once served as a bustling shipping port that exported such commodities as fur, wheat, and timber as far as Europe, but now lies vacant and abandoned. The overall visual appeal of the area is minimal as industrial debris, metal, and gravel are

strewn across the site.



Site Constraints

The Great Lakes Aquarium is a relatively new building and brings many people into the site.

The Bayfront Festival Park also constructed a large children's playground that is popular in " the summer months.

Parking on site is poorly designed with too few spaces for cars, and is very unappealing to the eye,

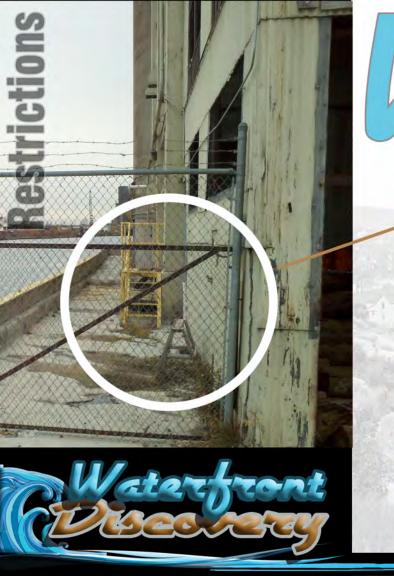
Bayfront Festival Park holds numerous events and concerts throughout the year.

Slip #2 is abndoned and not accessible to

The third slip remains a post industrial wasteland of gravel, twisted steel, and scrap metal.









Currently the Bayfront area is bordered on the South by industrial, West by residential, North by Downtown/Civic use, and on the West by shopping and retail.

Bayfront Park Revitalization Project

Abandoned Industrial Lot

- + Establish Connections
- Provide areas for active and passive recreation.

Site Analysis

Bayfront Festival Park

Build Social Capital

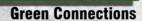
- + Preserve Historical Ship
- + Renovate LaFarge Plant
- Use railroad cars as public art

- - + Remediate water
 - Establish riparian buffer
 - Provide places for visitor interaction with the water



LaFarge Slip

Slip #2





Site Heritage



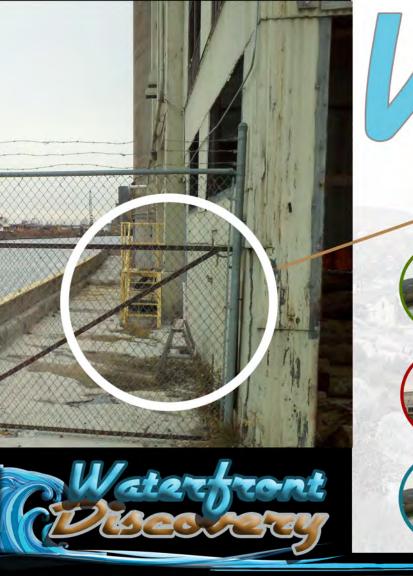
Site Hydrology



Images Courtesy of

1. http://upload.wikimedia.org/wikipedia/commons/c/cc/TomMcCallWaterfrontPark.jpg

2. Image taken by Mike Towle 3. Image taken by Mike Towle





Green Opportunity

Historical Opportunity

Water Interaction Opportunity

Building Opportunity

Building Development

Mixed use building development featuring retail on the first floor will allow for a combination of offices and and residential apartments above. This strategy will be implemented to meet the needs of residents and tourists alike.





Current

1. Image courtesy of Mike Towle

2. http://www.silveracesmall.com/boardwalk/

Green Space

Creating green connections to other destinations is crucial for the success of Bayfront. It will also be very beneficial for the Brownfield sites to be cleaned and renovated.





Proposed

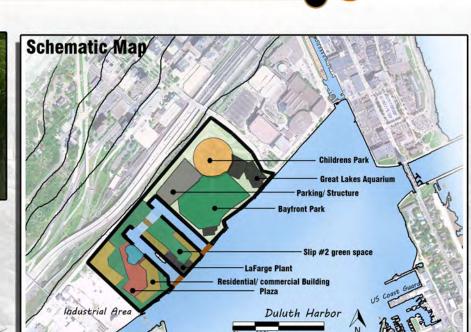
Hydrology & Heritage

Mitigating water through the use of rain gardens, buffers, and parks will improve the current environmental conditions of the site. Reusing materials on site will also provide the park with a unique historical





Proposed



Bayfront Park Revitalization Project





Site potential

Green Space

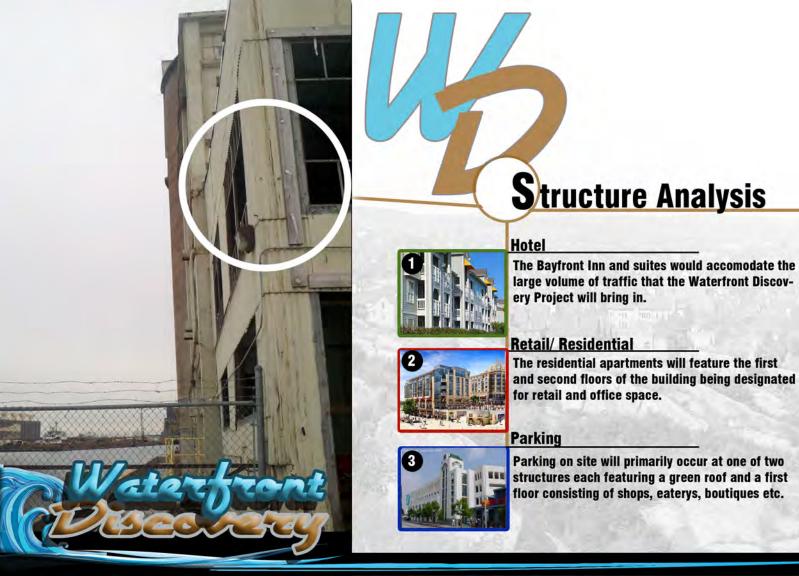
Hydrology

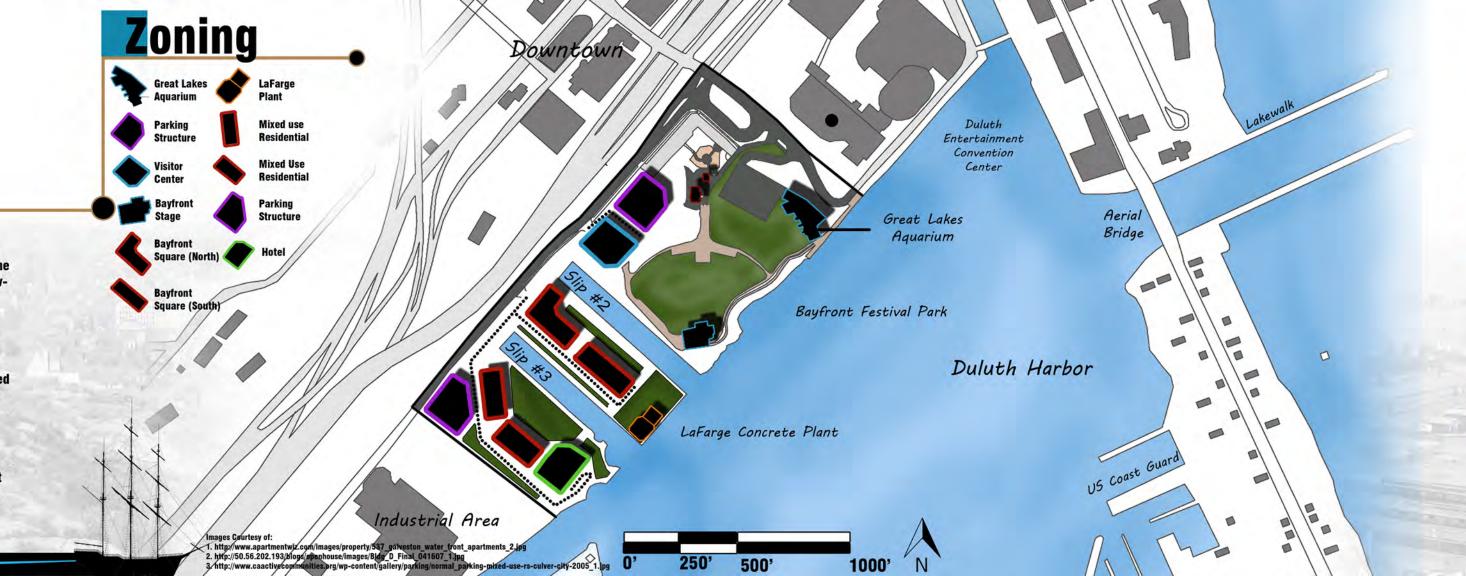














Apartments Offices

Commercial use/ Retail

mercial developments will provide a variety of services used for offices and residential.



Mixed Use

Apartments

Retail (Shops & Boutiques)

restaraunts etc. A boardwalk feel will be implemented around many of these buildings.



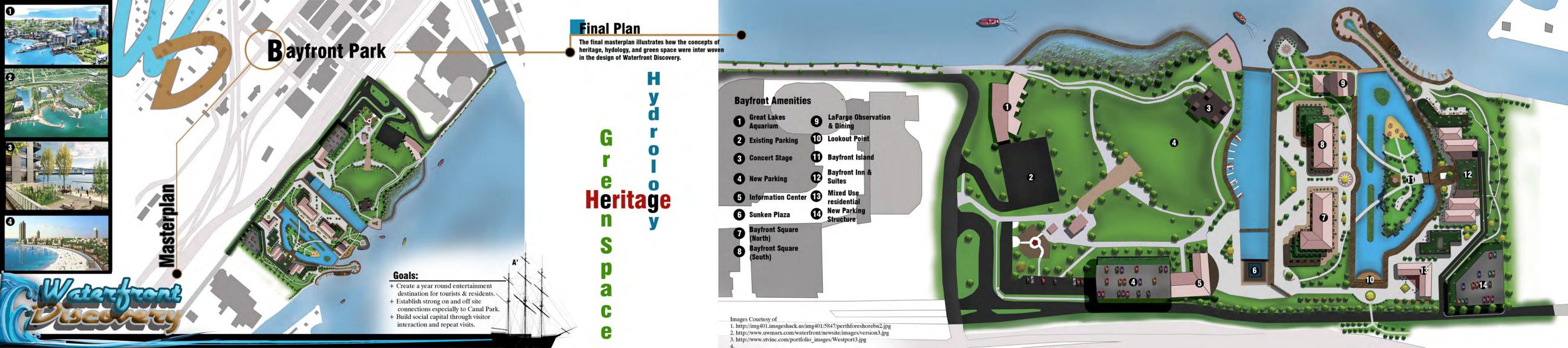
Mixed Use

Retail/ Business

parking above.

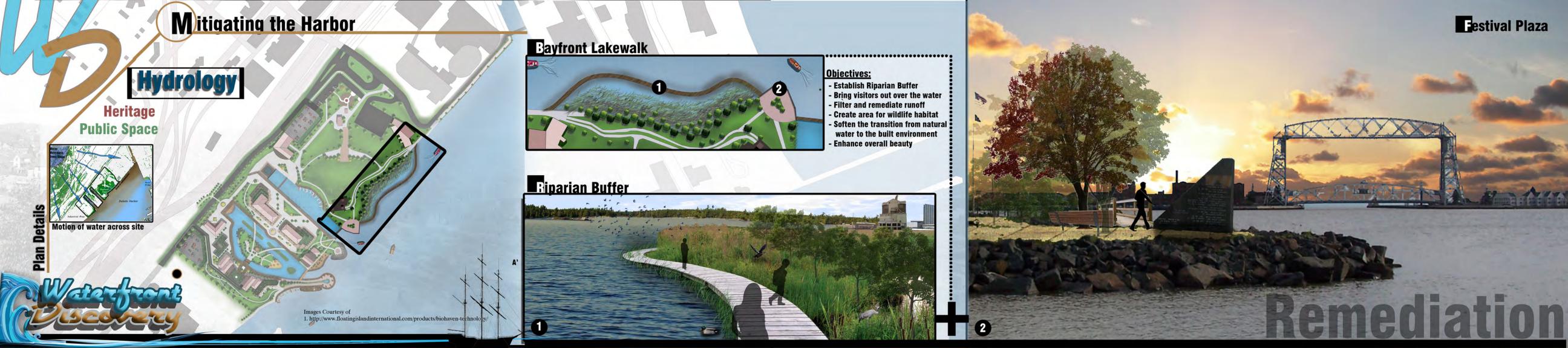


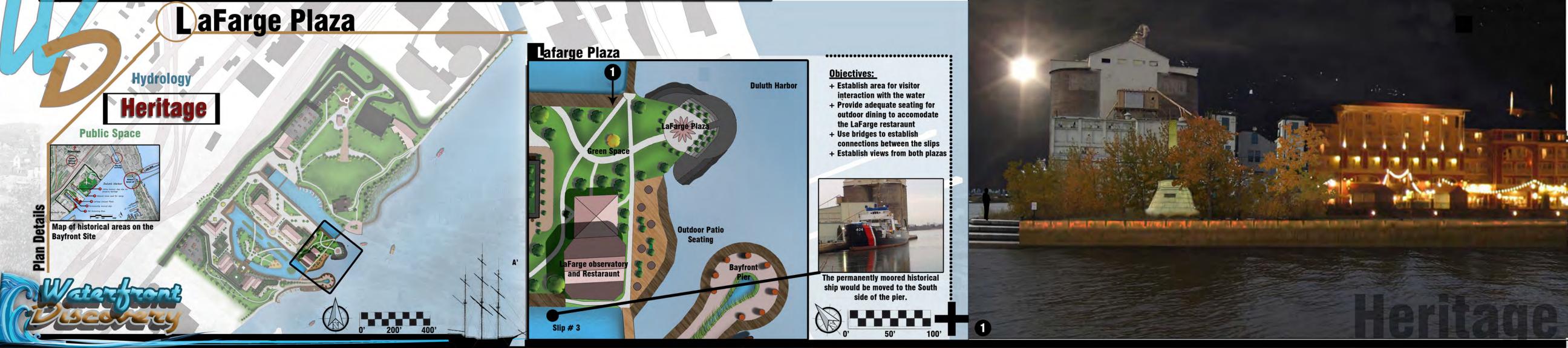




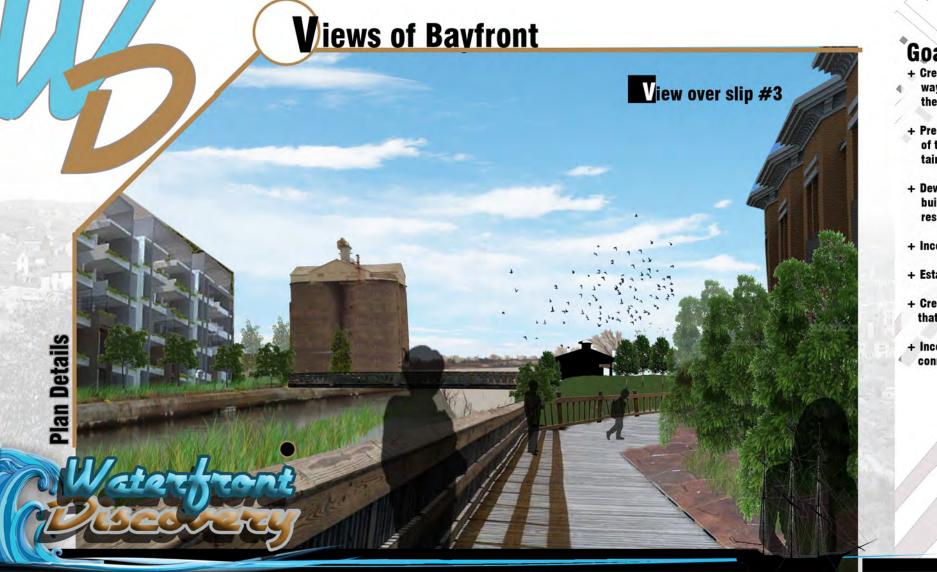












Goals

- + Create unique and intrigueing ways for visitor to interact with the water
- + Preserve the industrial heritage of the site while promoting sus tainability
- + Develop strong mixed use buildings including retail, residential, and civic uses
- + Incorporate additional parking
- + Establish views of the Harbor
- + Create year round activities
 that are both passive and active
- + Incorporate greenway connections both on and off site



