

**New York City College of Technology – City University of New York
300 Jay Street, Brooklyn, New York 11201**

Department of Architectural Technology
ARCH 2410 Architectural Design IV Spring 2015 Prof. Valdez

Project 1: Waterside Ferry Terminal Pavilion

The first project will be a new ferry terminal pavilion located on the East River in the newly constructed Brooklyn Bridge Park. The terminal will be located on the footprint of an existing building and provide a functional ticketing and waiting area as well as an identifiable entrance to Brooklyn for commuters and tourists.

The Brooklyn Bridge Park, reclaimed from warehouse piers, is used by thousands of people each day, particularly in the good weather. The existing East River ferry service, provided by NY Waterways, runs between midtown Manhattan at 34th Street, Long Island City in Queens, two sites in Williamsburg, DUMBO and Pier 11 in lower Manhattan. On summer weekends the ferry also provides service to Governor's Island.

A large residential building, Pierhouse, is under construction adjacent to the site. Pierhouse will include a 200-room hotel and 108 market rate apartments. Its future façade can be seen on renderings posted at the construction site, but the bulk is already having an impact on the park. The portion closest to our site is the 10 story hotel; lower condominium buildings will extend south.

Squibb Pedestrian Bridge connects this portion of the Brooklyn Bridge Park with the Promenade.

Public toilets, now located adjacent to the site will be relocated to your new pavilion.

Your terminal pavilion will provide a visual and functional focus to this portion of the park, providing a roofed area for the ferry passengers, toilet rooms, an information booth, ticket machines and a small café. Consideration should be given to the varying weather conditions throughout the seasons, as well as the different types of users: commuters, tourists and recreational visitors.

Required Program:

- Roofed area for ferry passengers to wait and arrive (1000 sf)
- Terminal Office (250 sf)
- Information Booth (150 sf)
- Toilets and storage (500 sf)
- Café kitchen and storage for tables and chairs (500 sf)

Assignments:

1. Ride the East River Ferry in both directions to and from the DUMBO location. Observe and photograph the site from the water, see the views from the dock of the other borough and of the river. Take selfies or have your friends take your picture. Post the best photos to Blackboard,
2. Working with the other members of your group, prepare a research paper, presented in Power point, on your assigned topic. Your presentation must include your own observations as well as researched information. Your analysis will discuss the use of space, materials, and critique what you find or see. Photographs, plans, and other descriptive information must be included.

(Group presentations in class Tuesday, February 3rd)

- Group A. Compare Brooklyn Bridge Park with an existing Park or Plaza which has served a similar purpose. Try to find a waterside or harbor park; pay particular attention to examples that are adjacent to transportation nodes. Include your own sketches from Brooklyn Bridge Park. Include sketches from the reference park if you can visit it, images if you can't.
 - Group B. Research and assemble plans and zoning information. Include historic plans and images.
 - Group C. Document the Park and the buildings around it. Include your own sketches and photos. Observations must include materials, colors, planting as well as views from and to the Park.
 - Group D. Research, observe and document the users of the Park and the immediate neighborhood. Include your own sketches and photos.
 - Group E. Research and document the transportation and access to the site and area. Include an annotated site plan, as well as your own sketches and photos.
2. In preparation for class on 2/6/15, write a few sentences describing your intentions (parti) for this project, based on the site research and your personal manifesto. Due in class Thursday February 5th.
 3. Study model workshop Friday February 6th. Minimum of one (1) concept model and two (2) study models due by the end of class. At least one model must be at the scale of the site model (1/16" = 1'-0")
 4. Propose a new pavilion structure that provides a focus for the Pier and includes all required program elements as well as optional elements as desired. Present sketches and study model of proposal. Pin up Tuesday, February 10, 2015.

Note: No class on February 12, 2015

5. Revise and develop your project based on feedback from Pin Up. Desk Crits 2/17/15
6. Develop your ideas into real spaces and resolved forms. Final Project presentation on Friday, February 20th.

Final Presentation Requirements (all drawings to be printed on 24 x 36 sheets, formatted and with labels):

- a. Site Plan drawing @ 1/32" = 1'-0" Include roof plan of your project, adjacent curbs, paving, trees and buildings.
 - b. Study models (3 minimum) @ 1/16" = 1'-0" or 1/8" = 1'-0"
 - c. Final model of Ferry Terminal @ 1/16" = 1'-0"
 - d. Floor plans @ 1/8" = 1'-0" Grade level plan to include adjacent site information: water's edge, significant planning, curbs and paths, and NORTH ARROW.
 - e. (optional) Exterior perspective view rendered from the water approach and/or from land, including surrounding site.
6. Digital files (pdf or jpg format) of all project boards, including photos of study models and final models in the site model, must be submitted by midnight Sunday February 22nd, 2015.