

2002 AFSF High School Design Competition Program

Program

You have been commissioned to design a pavilion on the San Francisco waterfront that will house a bicycle rental and repair operation. The client provides free training in bicycle repair maintenance to local high school students. They also promote safety awareness programs related to cycling and environmental programs focused on alternative means of transportation. The client supports these programs primarily through their bicycle rental and repair operation. They have chosen a site near Pier 39 in San Francisco that will maximize their exposure to the community and capitalize on tourism along the waterfront.

Site

The site is located on the Embarcadero just east of the aquarium and Pier 39. This prime location offers spectacular views of the San Francisco Bay, great exposure to tourists/visitors and easy access to terrific bike riding along the San Francisco waterfront. Buildings in the surrounding area are an eclectic mix of architectural styles and materials. No on-site parking is available. Landscaped areas and walkways in the immediate vicinity of the site should be respected. Bicycle racks for visitors and rental bikes should be located away from primary circulation paths. In siting the building, particular attention should be given to views, sun angles, predominant wind direction, circulation for pedestrians/bicycles, and access/visibility to visitors.

The Building

Because the surrounding environment has no predominant architectural vocabulary or style, the client has requested that the building be designed as somewhat of a local landmark with its own unique character. At the same time, the building should be respectful of its surroundings in terms of pedestrian circulation, maximizing views to the harbor and maintaining a level of quality expected of a building in such a prominent location.

The building should be arranged in a manner that is inviting to visitors, efficient for staff, and architecturally dynamic through the arrangement of interior volumes and exterior treatment (windows, overhangs, roof lines, feature elements, etc.) The main entry for the building should be easily identified and sufficient protection should be provided at the entrance for visitors during periods of bad weather (overhangs, awnings, etc.). Although social interaction is desirable, the various areas programmed for the building should be arranged in a manner that minimizes disruption between each function. Since the general public uses the facility, all areas of the facility should be accessible to the disabled (refer to attachments for typical clearances and requirements).

Building Area

Entry Area	50 sq. ft.
Cashier/Display Area	100 sq. ft.
Bike Sales Floor Area	200 sq. ft.
Bike Rental Floor Area	500 sq. ft.
Bike Return Area	100 sq. ft.
Maintenance Area	500 sq. ft.
Storage/Supply Room	100 sq. ft.
Office	100 sq. ft.
Staff Break Room	100 sq. ft.
Lockers and Shower Room	100 sq. ft.
Community Room	250 sq. ft.
Restrooms	100 sq. ft.
Vending Area	100 sq. ft.
Vending/Chair Storage	100 sq. ft.
Bike Lockers	80 sq. ft.
Trash Area	50 sq. ft.
Circulation Space	220 sq. ft.
Outdoor Seating	
Outdoor Bike Racks	
<i>Total Building Area 2750 sq. ft.</i>	

Additional Requirements

Write a brief paragraph (150 words) describing how the building responds to the surrounding environment. Does the design compliment or contrast with the nearby architecture? Why?