

Design/Build Studio 5
ARC 407-510, 607-609, Design VII-X,
Mobile Coffee Kiosk
MW 1:30-6:00, Fall 2014
Adamson/Ceo

Billy Goat Cafe

Studio Course Goals and Objectives:

Teams of students will propose, discuss, revise, and edit design ideas through drawing and models to arrive at a collective design for construction. The design will focus on issues of sustainability, accessibility, contextual fit, permanence, comfort and beauty amongst other considerations. The design will be arrived at collectively. Then, it is built.

The built design will be the product of the entire studio with all students having input and ownership of the design ideas. The course is designed to teach the value of collaborative thinking and understanding through building and to learn how knowledge of building expands our knowledge of design. While architects typically draw rather than build, knowledge of the techniques of construction through doing, are indispensable in design thinking. Many of history's greatest architects had first-hand knowledge of construction and used this knowledge to better communicate their design ideas, even demonstrating building techniques to ensure the appropriate level of craft required for a given project. This hands-on knowledge helps aspiring designers to understand questions of tolerances and level of finish, building attributes difficult to comprehend any other way.

Design Considerations:

They include: electricity needs, water storage, security, ease of movement, stability, durability, protection from the elements – (wind-blown rain), ventilation, visibility, iconicity, low maintenance, sustainability - green materials and methods, constructability, signage, and affordability. The structure must also be beautiful and express a clear idea to be meaningful. While all of these considerations must be addressed, some may have more weight than others in the final design solution.

The coffee kiosk must be equally at home in a number of settings at the School of Architecture. This includes the far end of the courtyard near the lake, under the portico of Glasgow Hall, in the Daly Breezeway between the lecture hall and gallery, and in the paved space between Glasgow Hall and the bar buildings. These different sites affect mass, height, orientation and access.

Finally, and perhaps most importantly must be the question of coffee itself and what it inspires. Its color, shape, aroma, and the social space that is born of its consumption; are all important considerations. How can the coffee kiosk go beyond being just the dispenser of coffee and become something inspirational: suggestive of reflection, animated conversation, a view, an oasis for dreaming or a jolt to jumpstart the day?