

Mobile Craft Module

ADAM MARCUS

California College of the Arts

The Mobile Craft Module proposes an architecture of deployable structures that can be reconfigured to serve a variety of functions. The twin modules can be arranged in multiple ways to facilitate exhibition space, event space, and work space, and they nest together to become secure at night.

The modules were designed and built by a team of thirteen students in eight weeks. The project served as the anchor pavilion for California College of the Arts (CCA) during the Market Street Prototyping Festival, a three-day event in San Francisco that explored new ideas for designing public space. Throughout the festival, the modules hosted a series of exhibitions and events showcasing work by students and faculty. Following the festival, the project returned to the school to serve as mobile workstations on the school's outdoor maker space. The intent is for the modules to provide an infrastructure for the construction of future design-build projects undertaken by students and faculty.

Each module is open on one side, providing access to the modular shelving and work surfaces on the interior. The reconfigurable plug-in shelving system includes removable caps, which double as stools once they are removed from the module. The structural frame is fabricated from welded steel tube, with angle iron members welded to the corners to serve as protective edges for the cladding. The cladding is fabricated from western

red cedar boards, each of which is cut to size. A robotically-cut pattern carved into the cedar boards consists of abstract shapes that merge together to spell CCA's name as one moves around the module.



MOBILE CRAFT MODULE

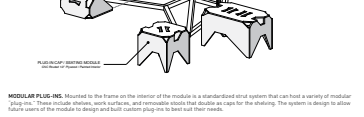
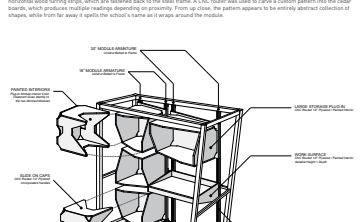
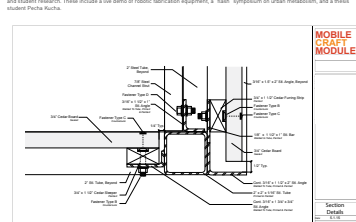
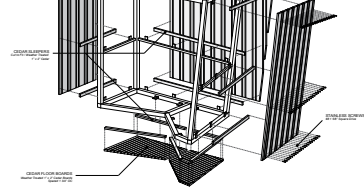
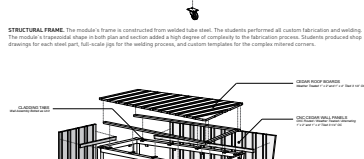
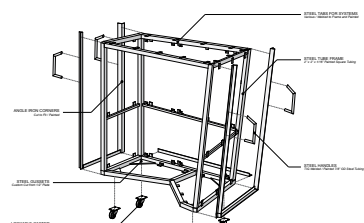
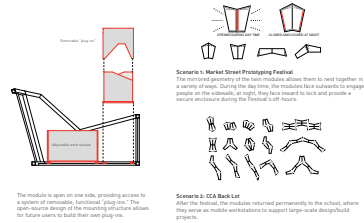
Adam Marcus, California College of the Arts

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The modules were designed and built by a team of sixteen students in eight weeks. The project served as the anchor pavilion for California College of the Arts (CCA) during the Market Street Prototyping Festival, a three-day event in San Francisco that explored new ideas for designing public space. Throughout the festival, the modules hosted a series of exhibitions and events showcasing work by students and faculty. Following the festival, the project returned to the school to serve as mobile workstations for the school's outdoor maker space.

The intent is for the modules to provide an infrastructure for the construction of future design-build projects undertaken by students and faculty.

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PROGRAMMING The modular glass and electrical geometries allow for a variety of display configurations that afford a high degree of programmatic flexibility. Modules displayed during San Francisco's Market Street Prototyping Festival. Bottom: modules deployed as mobile workstations at school's outdoor maker space.

DEPLOYMENT ON MARKET STREET During the three-day Market Street Prototyping Festival, the modules were repositioned in a variety of ways to both exhibit student work and host a series of events. The periodic reconfigurations of the mobile modules became a kind of spectacle in and of itself; public passersby greatly enjoyed seeing the students reposition the rolling modules into new forms.

DETAIL AND ASSEMBLY The project was designed and fabricated entirely by students. The process incorporated 1:1 modules and drawing full-scale details from the outset, an early-to-learn-through-of-assembly, alignment, and tolerance in the construction process.

PROTOTYPING FACILITY Adam Marcus, California College of the Arts

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