

Architecture, Design & Materials Studio

Spring 2005, CMU, Arch #48-205, M/W/F 1:30-4:20

Class Website: www.andrew.cmu.edu/course/48-205

Coordinator: Kai Gutschow

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Off. Hr: M/W 12:30-1:30pm & by appt. in MM307

(2/4/05)

PROJECT "0 + 1" – FINAL REVIEW REQUIREMENTS

DUE: Tue. Feb. 15, 2005, 10:00pm, MM308b

ABOVE ALL, REMEMBER THE PURPOSE OF THE ASSIGNMENT:
TO CREATE A BIKE SHED THAT INVESTIGATES MATERIALS AND
ASSEMBLY AS A MEANS OF CREATING ARCHITECTURE.



All presentations must fit on 44"x88" panels, with 22"x22" minimum paper size, like last semester.

0. Group Site Model (optional, but recommended for clarity)
1. Site Plan of whole project and landscape/urban context (any scale)
OR Site Section or Site Elevation in combination with Group Site Model (any scale)
*** At least one drawing should show the entire extent of the project in context! ***
2. Building Plan of the "heart" of the project (1/2"=1'-0")
*** If overall project is too large for boards, draw only the central, most important spaces at large scale OR reduce the size of your design! All plans MUST include several bikes in plan, and the bike path and other context near your building! ***
3. Cross Section of the "heart" of the project (1-1/2"=1'-0")
*** If the overall project is too large, draw large section only through the central, most important space OR reduce the size of your project design. All sections MUST include a human scale figure and a bicycle! ***
4. Building Presentation Model of the "heart" of the project (1/2"=1'-0")
*** If the overall project is too large, model only the central, most important spaces, OR reduce the size of your project design!
** All models MUST include evidence of: a) the BIKE PATH, b) a ground plane surrounding the building's footprint, and c) important nearby landmarks or distinguishing features of context that impact your design (e.g. Bridge, retaining wall, curb, busway, trees, etc) **
** All models MUST include wire-frame bikes and human-scale figures! ***
5. Full-scale Detail Mock-up of typical materials and joinery
*** Work to make mock-up as "realistic" as possible, a "simulation" rather than an abstraction ***
6. Perspective(s) showing the EXPERIENCE / PERCEPTION of materials, space, light, views.
*** This drawing is among the most important that will make your project "come to life," making it more than a pile of materials and nuts and bolts. Work to make the seven senses come alive!*
7. Exploded Axonometric of all building components (any scale)
*** This drawings should show every piece of material and equipment needed to construct your bike shed. If you can not imagine how to make something, then reduce the complexity of your bike shed, so that you know every piece ***
8. Materials List with quantity and size of all components
*** This list is a written supplement to the exploded axonometric, and should list EVERY component required for your bike shed. ***
9. Project Documentation for website and portfolio: **DUE: Fri. Feb. 25**
*** Document your project according to the same principles as you documented Proj.2 from last semester. For precise instructions on the file type and size, see the new "Project Documentation Guidelines" located on the studio website <http://www.andrew.cmu.edu/course/48-205/>, under the "Resources" button. Printout due in Kai's Mailbox, e-files due in Blackboard digital dropbox.*