

Architecture Studio: 1st Year Spring

Spring 2012, CMU, Arch #48-105, M/W/F 1:30-4:20
Class Website: www.andrew.cmu.edu/course/48-105

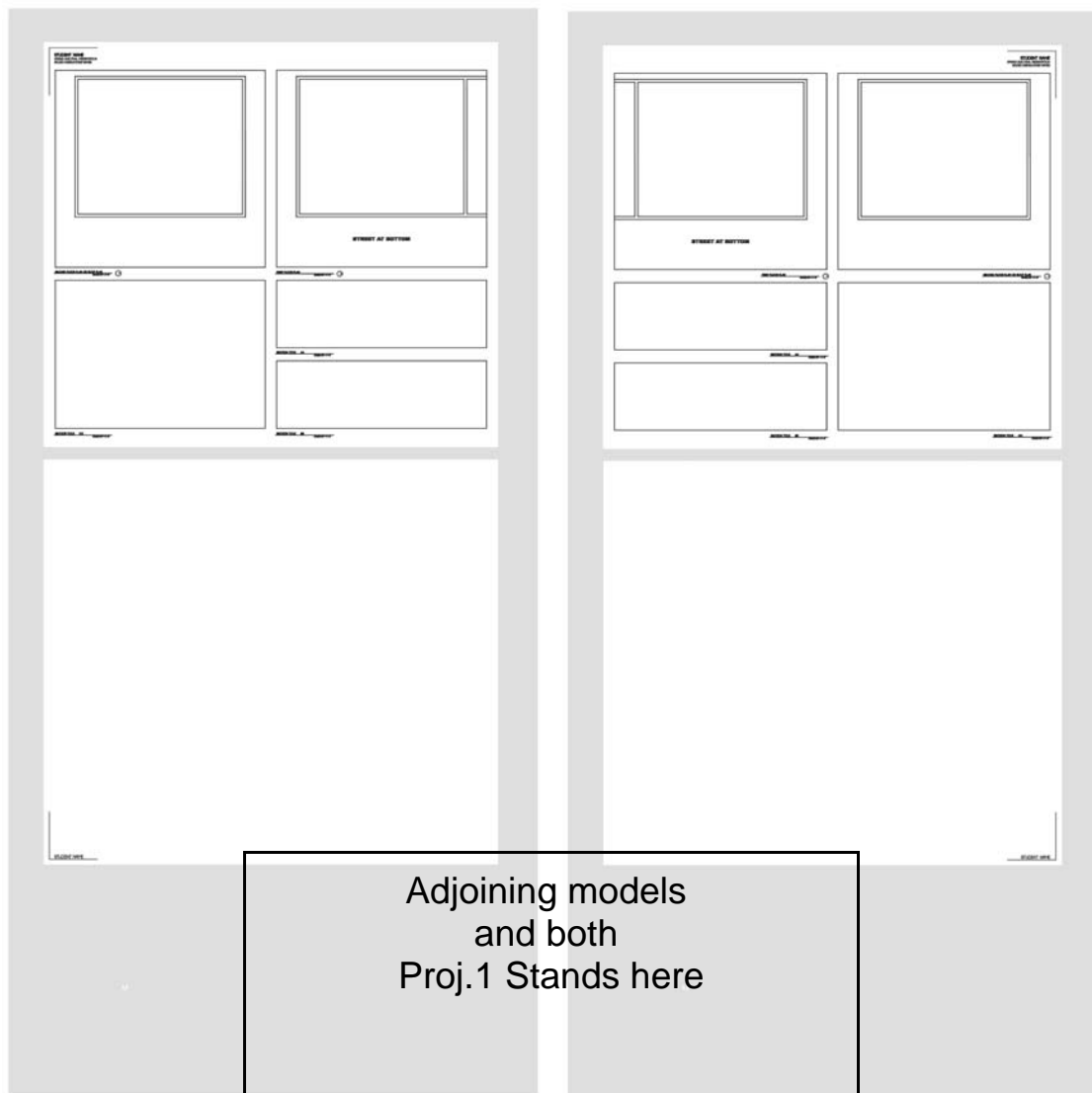
Coordinator: Kai Gutschow
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Off. Hr: M/W/F 12:30-1:00pm & by appt. in MM302

(4/25/12)

Project 4: COURTYARD HOUSE - FINAL REQUIREMENTS

DRAWINGS: (Plot files or hand drawings **DUE Thu. Apr. 26, 10pm**)

- Join with your partner to create a unified, powerful presentation of your two neighboring projects.
- Use InDesign templates provided to collect your drawings on two pieces of paper. Adhere original hand work to the bottom panel to minimize the number of pins needed.
- The top panel must be 40" w x 36" high, and must include: 1) a 1/4" ground floor plan, with the street oriented down (North to the right), with street and landscaping shown (6.5 ft from outside of wall to sidewalk; 5ft sidewalk; 3.5ft from sidewalk to edge of street). Use the red box in the InDesign template to locate your courtyard, and insure that all courtyards are located identically on the sheet. 2) a 1/4" upper floor plan (if nec.); 3) a 1/4" section slicing E-W; 4) a 1/4" section slicing N-S; 5) any other drafted drawing, including extra sections, an important paraline, etc. See earlier handout for more details.
- The bottom panel may be freely composed and should include all other drawings. Minimum requirements called for plans and sections and three other drawings: if you put one on the upper sheet, it means this sheet will contain at least two drawings. Hopefully more. Consider adding early process drawings, including models of earlier models, IF they are helpful to understanding your final design ideas!
- Hints: do NOT just blow up small drawings to a huge scale; 2) if you have space left over, leave it all along the bottom edge, and move the bottom name block/graphic up so it sits under your drawings.



Left Panel / Project / Student

Right Panel / Project / Student

MODEL FORMAT REQUIREMENTS

- Join with your partner to create a unified, powerful presentation of your two neighboring projects.
- All models must be built on the 20"x24" birchply base supplied by the SoArch
- Orient the model the same as the plans, so that the street is facing the audience (North to the right).
- Locate your outside courtyard wall on the edge of your base, so that it joins up with your neighbor.

You are encouraged to build 1/2 a wall each between your projects. The overall size of the combined model base will be 24" deep x 40" wide.

- Locate the outside of the rear wall exactly 3" from the rear edge of the base (be sure it aligns with your partner). Since your courtyard is 52ft from outside of wall to outside of wall, and the space from the outside of the front wall to the street is 17ft., this will leave approx. 3" (= 12ft) of street on your model.

- The model should be built up from the wood base. The street should be left in WOOD.

- The curb, sidewalk, and driveway level should be generated by gluing a layer of thin GREY chipboard to the wood base. This may also include many of your outdoor courtyards. We recommend you glue one large piece of chipboard to your entire model (except for the 3" of street)

- Anything in your project that is BELOW the sidewalk level (such as sunken courtyards or pools) should show the WOOD base, or be routed out of the base.

- Any areas higher than the sidewalk should be created by adding additional layers on top of the grey base. This will include most interior floors, planters, and grass areas.

- Consider ground-level grass areas to be taller than the sidewalk, and so they should be shown with an additional layer of GREY chipboard. This includes the area between the street and the sidewalk, and between the sidewalk and the house, and at the side of the house, and behind the house, and any grass areas in your courtyards. All these should have two layers of chipboard on top of the wood base.

- Any surface that you consider to be ground-level "garden" and "natural," should be shown in GREY chipboard.

- As instructed in the original requirements, the brown-brick garden wall, as well as any other walls in that same material, should be built in GREY chipboard.

- Any area that is "architectural" and constructed, including garden pavers, raised planters, raised front walkways, raised patios or porches, and roof gardens, etc., should be in WHITE board.

- All vertical architectural elements should be in white board or acrylic.

- If foam-core is used, there should be NO foam visible. See the earlier handout for model requirements.

- All trees should be simple basswood dowels, of appropriate thickness, drilled into the base. Do not show the canopies or major branches on your model.

FINAL DUE DATE: Sun. Apr. 29, 10:00pm