

Final Project Proposal

November 17, 2005

For Class Monday Nov 22nd

1.0 FOR GROUPS OF 2 OR 4

For Discussion – You do not have to write this please think about it be prepared to discuss these points in class

1.1 Define a Theoretical Position

- Define the goal of the mockup. Prepare one sentence that defines the construction system and a message the mockup will attempt to convey ie: *Exploration of corner section of a panelized building design*
- Write two sentences defining the technical struggles of the study ie: *To test the relationship of CNC fabrication at the corners in order to quickly design and fabricate panels*
- Identify the area of the detail you wish to explore, two or four students per detail. Each detail must demonstrate the challenges of CNC fabrication both in purpose and execution

1.2 Background

- Find magazine article, websites or books that contain similar details as yours

1.3 Method

- Present the method of exploration for the mockup. What is your process going to be? How do you think you will find what you are looking for? The method is a search for a faster construction, higher level of precision on site or simplified construction detail, etc. Propose a way to explore the theoretical goals above.

2.0 FOR GROUPS OF 4

2.1 Mockup Design –

Present on paper

- Do not remodel anything print on 8 x 11 a rendering or drawing of the area you and a co-student(s) will build.
- Generate a preliminary list of materials for the detail. This should be a typed list you can email to the TA.
- Materials will be delivered within 3 Days.

As a major part of the work is to consider how reviewers will observe the mockup. You need to build a structure for the mockup that is:

Structurally sound

Works as an assembly

Does not obstruct the major display points of the mockup

Is not a dominate feature in the mockup

The mockup should be no more than 3' square in plan and 7' in height.

2.2 Schedule

Create a clear schedule based on clear goals. Subdivide the problem into discrete goals, first as 3 major goals with due dates, second as intermediate short term goals for you and your team. For Mondays class add to this daily schedule:

Nov	18	Materials List Due
	22	Final Project Proposal Due
	24	Materials will be delivered to N51
Dec	5	1PM Final Review Setup