

3rd Year Crits.: December, 2011

Ds04 | Technical issues

Eunwoo

Can the dynamic model now be drawn as a built structure using the prescribed components?

Mahir

All of the connection details from your assembly drawing need describing. Diagrams for any dynamic (moving) aspect will need to be provided.

Ganna

The dynamic mechanisms need a clear, diagrammatic description, i.e. the degree of rotation at each end + the sequencing of moves. You might approach this as if you were writing the flow chart for the computer programme that controlled the motors – a choreography.

Krisna

The pavilion structure is clear, however the dynamic movement is unresolved. If it is a solar filter of some kind, perhaps you could describe the output as the shadows cast in relation to a hypothetical sun path.

Alice

The dynamic (stand-alone) model could be developed into an as-built component that plugs in to the pavilion in some way. Describe the mechanisms, the primary construction elements and how they connect to one another to make a rigid, stable unit.

Melissa

Excellent model needs to be completed and explored as a device to test various outputs. Pay particular attention to how the elements connect and interlock with one another to form a stable structure.

Owen

Clear diagrams of the lighting element are needed along with both structural and mechanical details. If it were to employ sunlight through reflection (mirrors) show how it uses a hypothetical sun path at different times of the day/year.

Shamir

Test your structural connection detail in a 1:1 model, and demonstrate how it might be improved/refined.

You will need a diagrammatic description of some dynamic element.

Walter

Need detailed descriptions of the sliding movements for the major elements, since whole pavilion concept relies on these mechanisms. First, you need to detail the construction system (with a particular view to 'lightness').