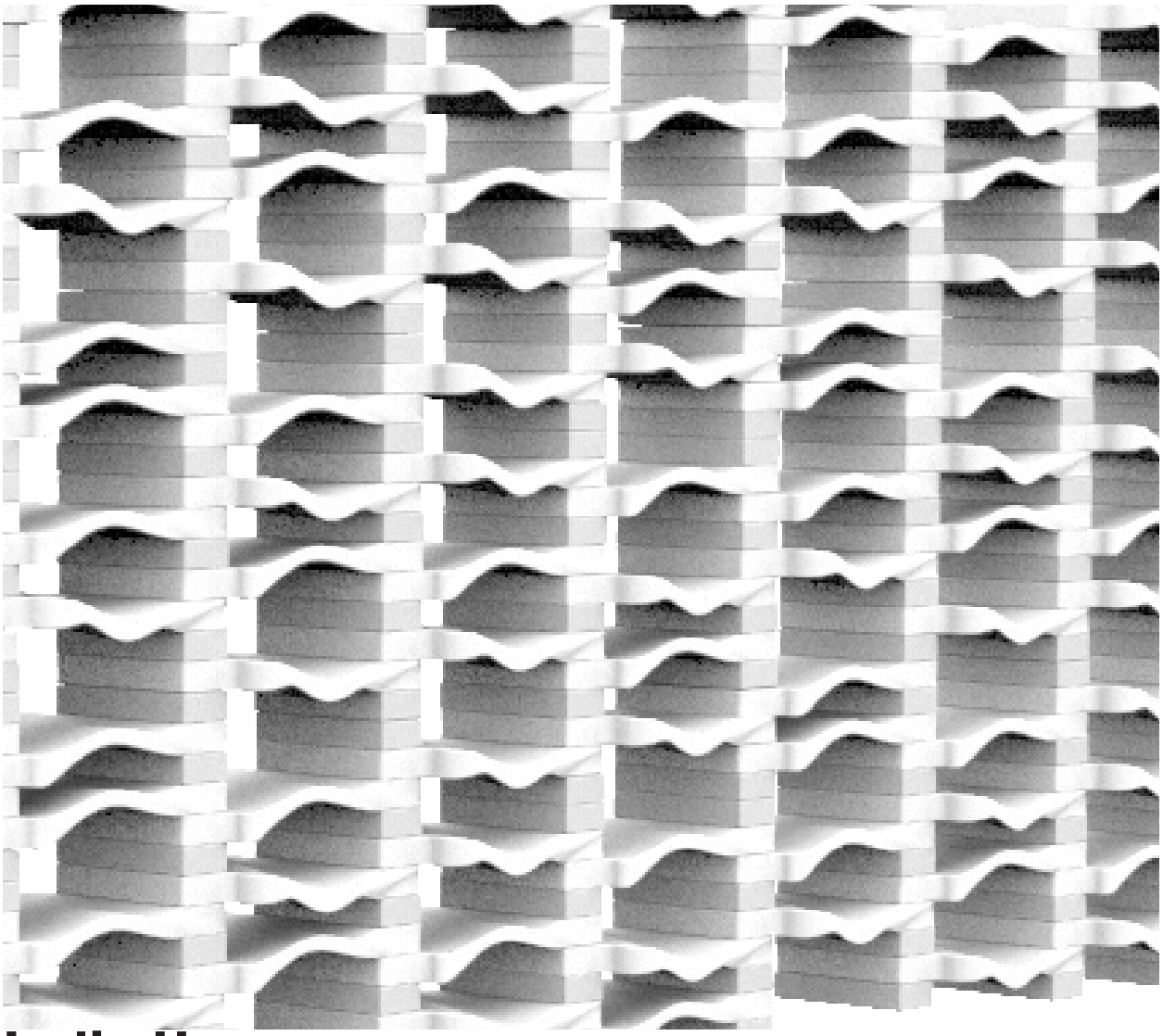

Lydia Ho
Robert Sullivan

ARCHITECTURAL CERAMIC ASSEMBLIES WORKSHOP
ARC 404 | OMAR KHAN
SPRING 2020

intersperse

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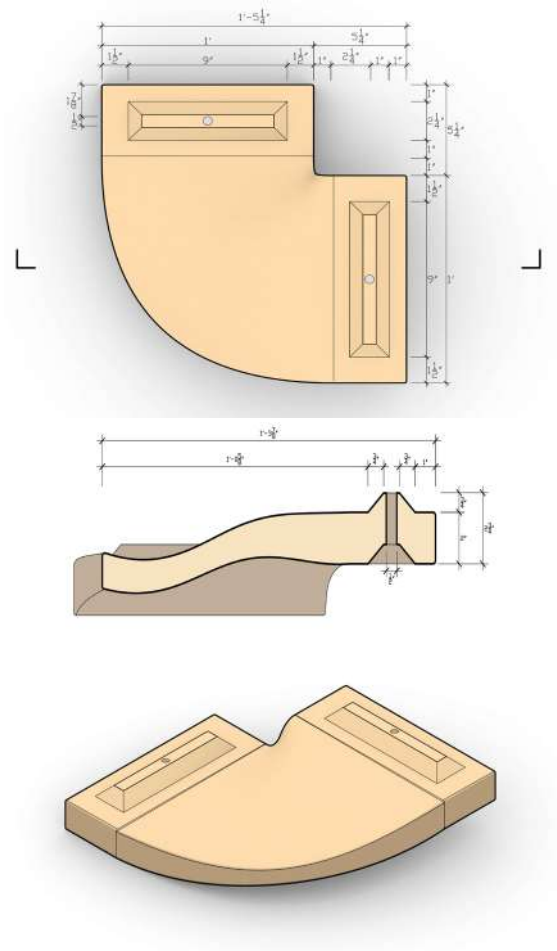
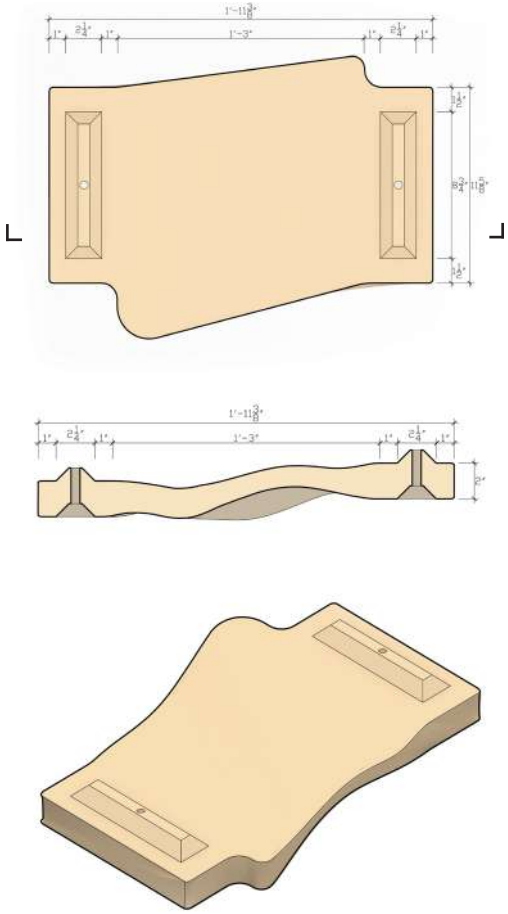
Project Description: Intersperse was created to be a rainscreen that scatters sunlight through a building, it creates different lighting and shadow dynamics within it. This system works in compression, similar to stacking bricks. The panels are stacked vertically, using poles and keystones to keep them alined. There are 3 panel types in this system, a corner, a straight and a spacer panel. The end of the panels are designed geometrically so that each panel could be aggregated easily while the middle section of the striaght panel is designed with complex cruves to capture rain and light. This terracotta rainscreen does well with this building because it allows light to shine through, similar to how light shines through the roots of a mangroove tree.

Caption: Project Rendering

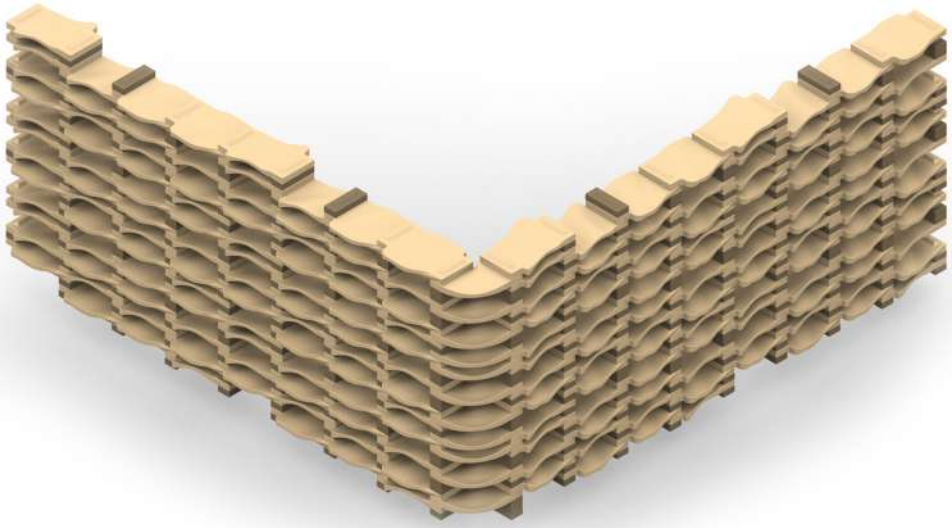
Panel Design



Corner Panel, Top, Section & Axon View

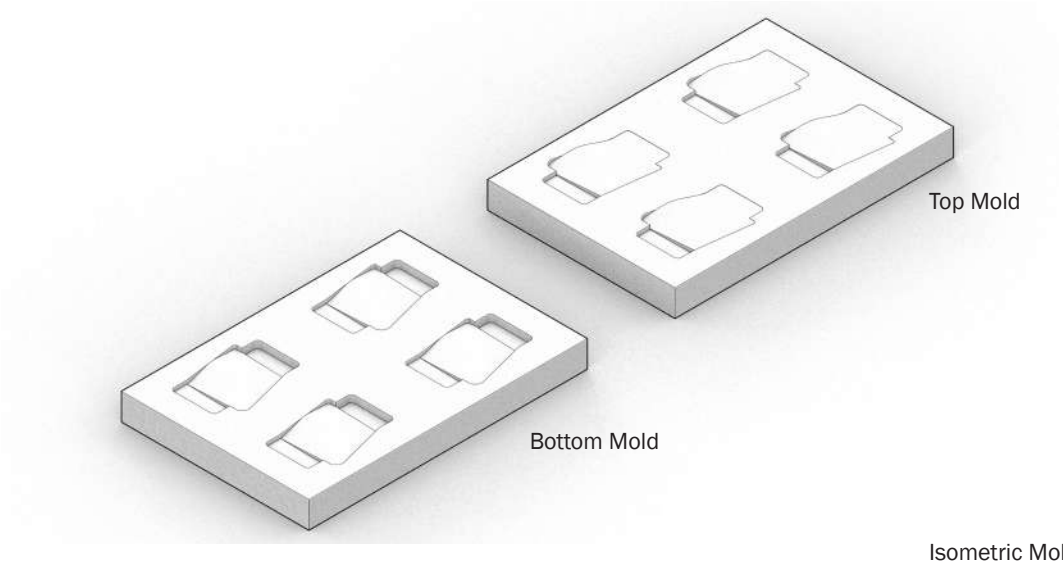


Straight Panel, Top, Section, Axon View

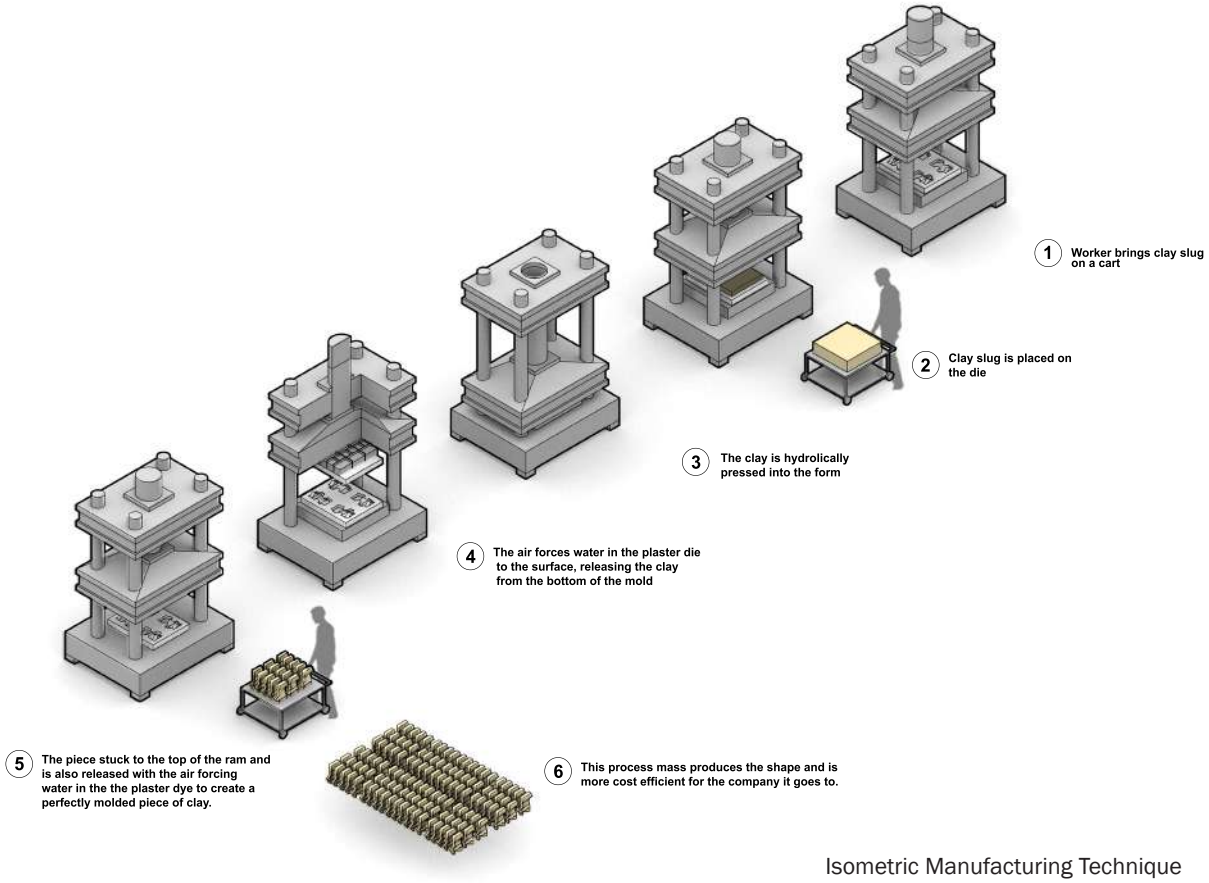


Isometric of multiple panels aggregated

Manufacturing Technique

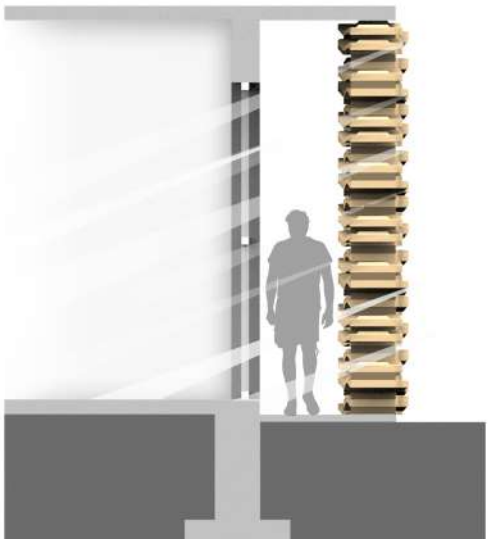


Isometric Mold Design

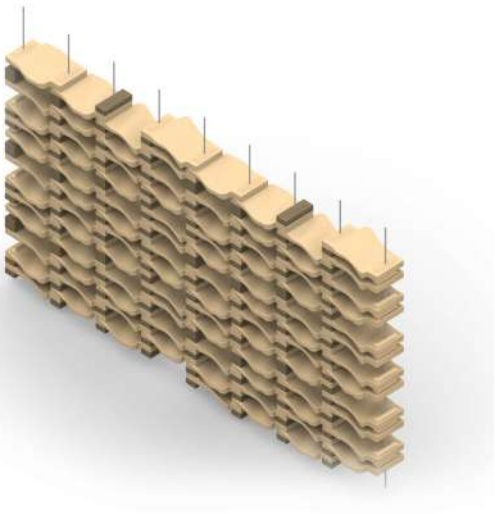


Isometric Manufacturing Technique

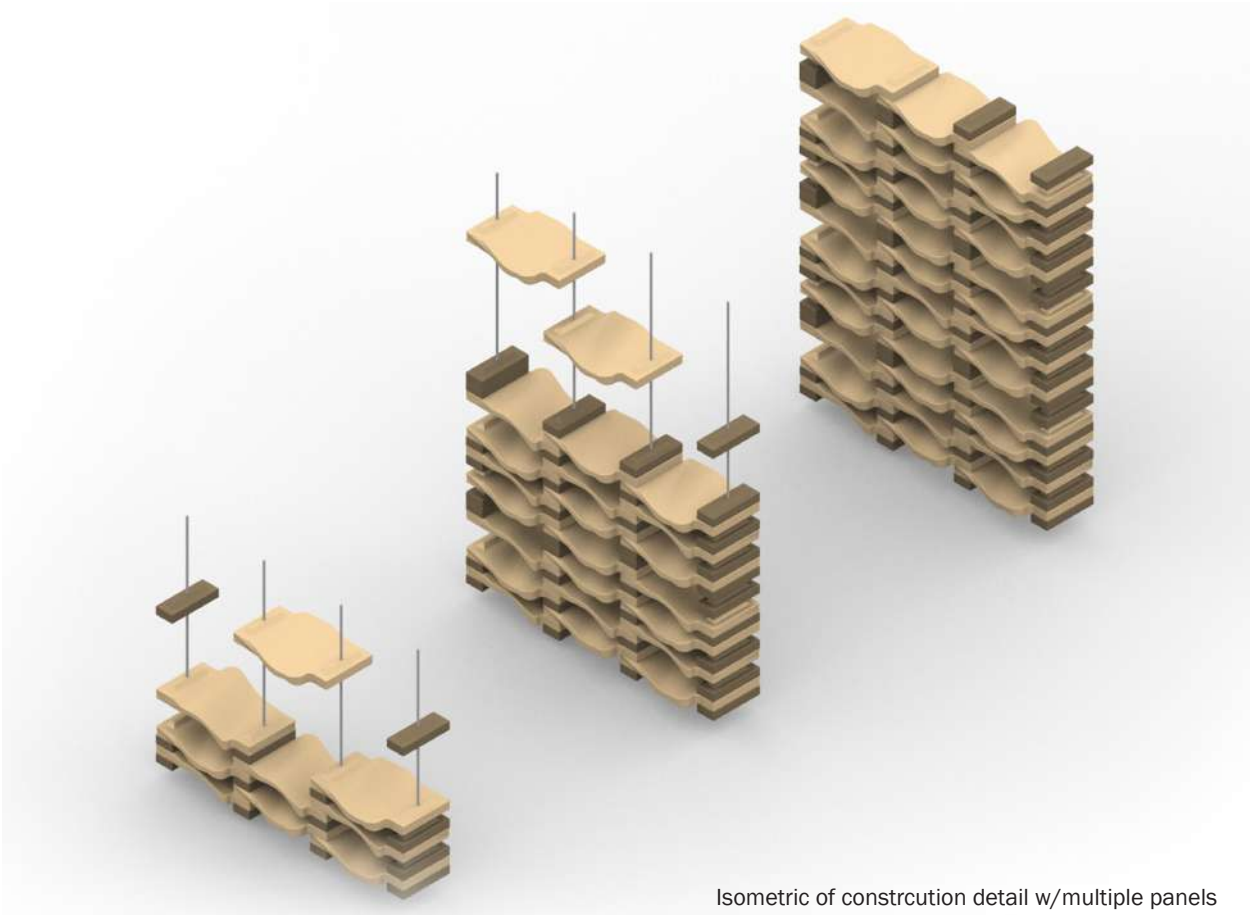
Construction Details



Section of rainscreen to wall attachment



Wall Axon

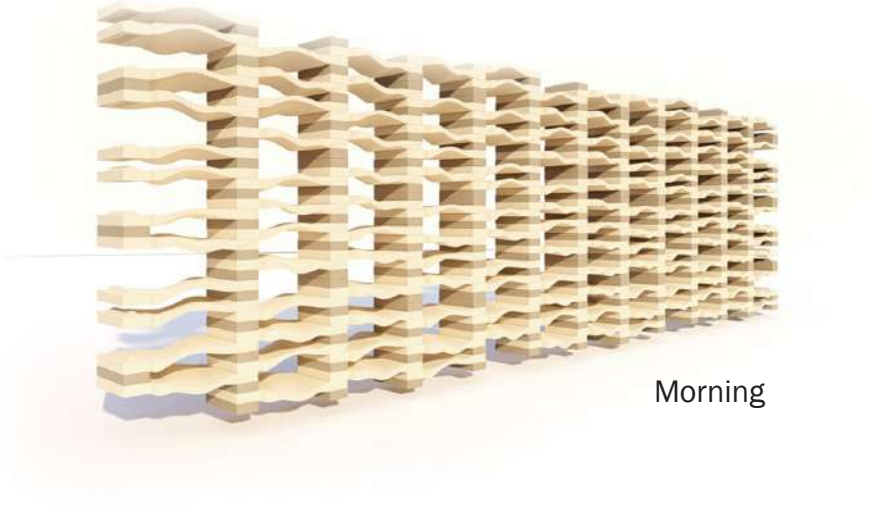


Isometric of constrcution detail w/multiple panels

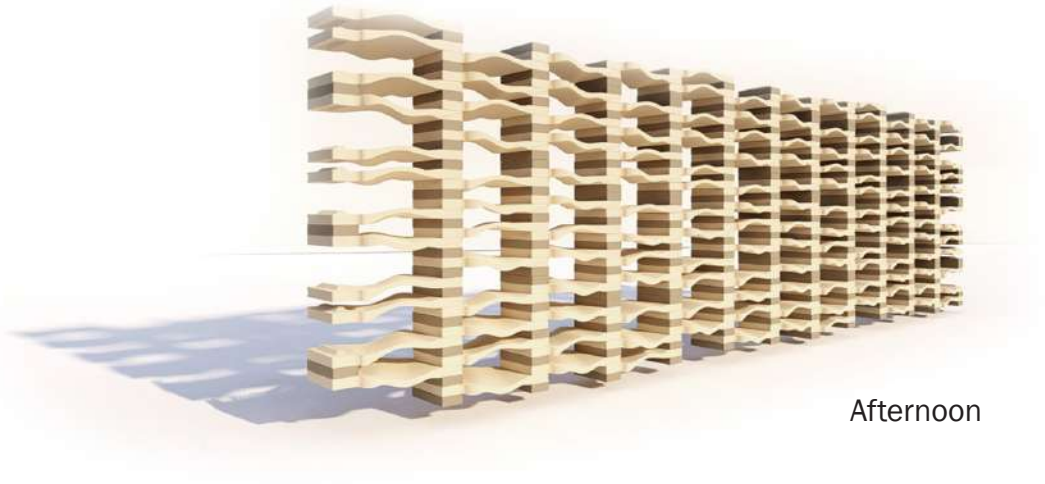
Performance

Interior Render

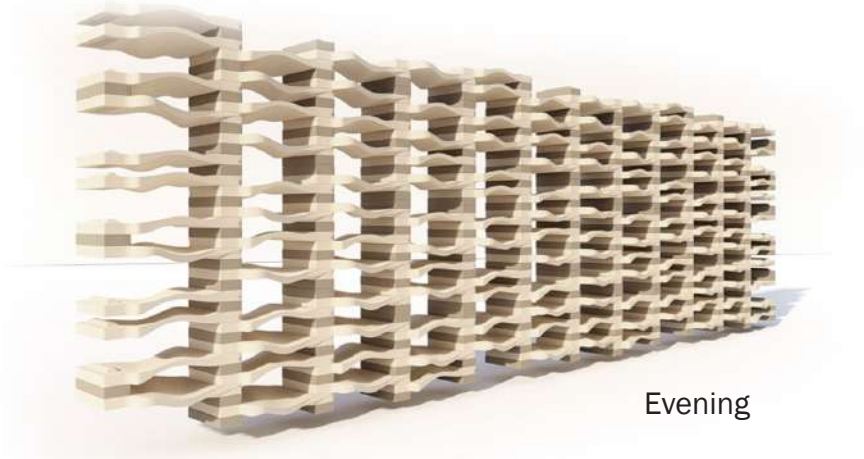
Panel performance diagram and renders



Morning



Afternoon



Evening