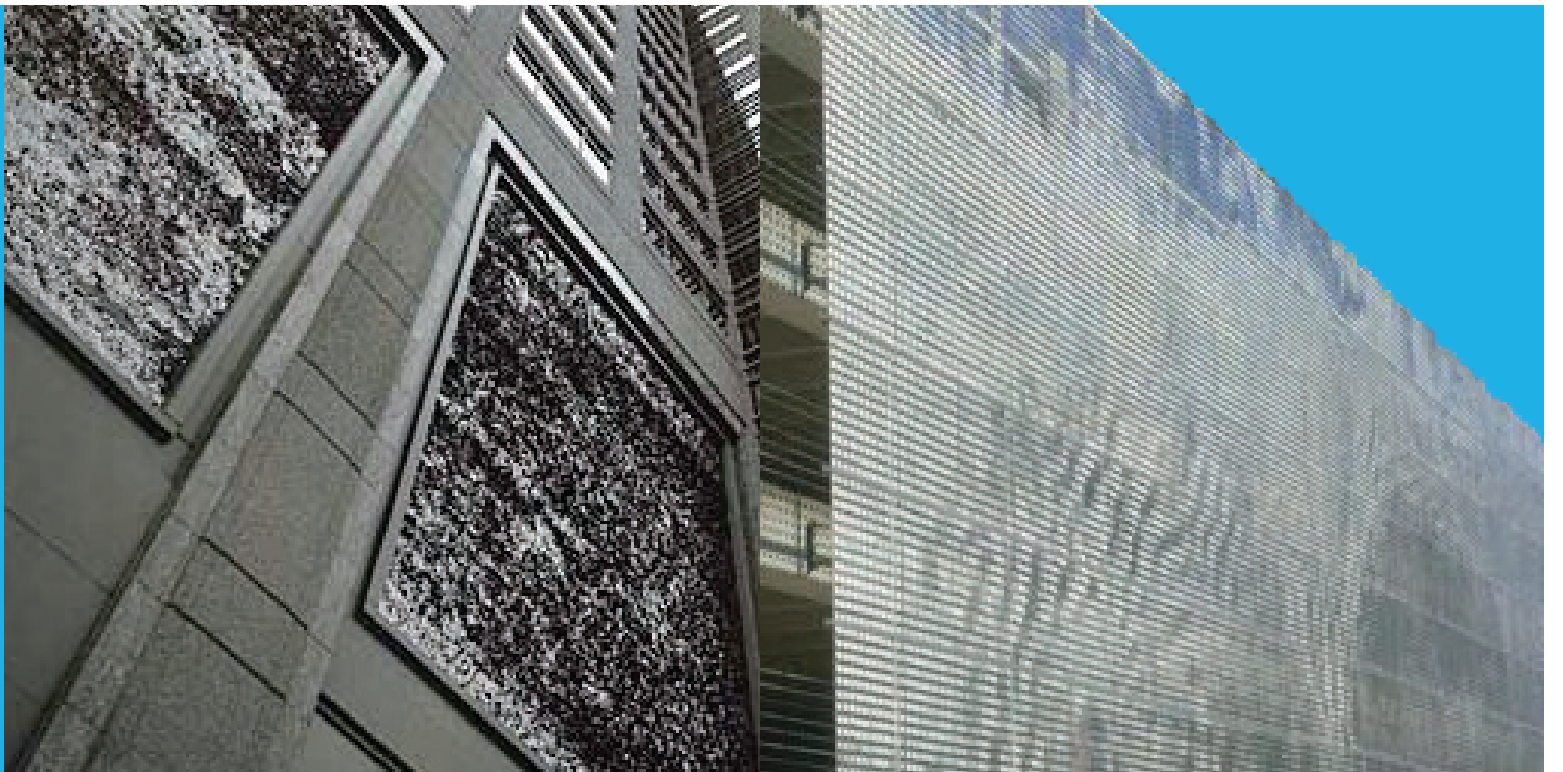


The **Wind Board** pulls a piece of the exhibit out to the street, and will act as a “billboard” for the project. It consists of hundreds of small panels that would respond to air currents. In response to the invisible field of wind the panels would show the arithmetic of wind. The panels would be attached using no friction to allow for the wind to freely rotate the panels. The Wind Board would be attached to the façade of the Science Center. Panels could also generate and save energy from the wind throughout the day. At night, this stored energy would turn on lights located behind the hundreds of small panels. The light would burst through the voids of the Wind Board, projecting patterns on the exterior landscape.



Since fields have no boundaries, so should the implied space of the Phoebe’s Field Exhibit. Multiple architectural schemes were developed for the exhibition, including those titled, **Nodes**, **Parallel Fields**, **Parallel Planes**, and finally a **Modular & Mobile** concept of using customized shipping containers. Other small studies such as **Wind Board** (above) and **SmartWall** (left) were developed alongside the larger concepts.

Phoebe’s journey into the grid paper happens in the architecture of the grid and in the experience of dimensional shifting that occurs in the **Nodes** concept. **Nodes** is constructed on a 2’ x 2’ x 2’ module, which blankets the entire space and creates visual distortions within a Cartesian environment, inspired by camouflage techniques. Three-dimensional objects alternately appear “flat” or as closed volumes. When the children approach for a closer look, gaps appear between the planes that allow them to slip into discrete spaces hidden inside the grid. Here the grid is mapped on a surface, which becomes a thickened version of Phoebe’s graph paper. The “paper” is stretched and warped to frame a fluid and continuous space.

The **Parallel Field** concept suggests “low-tech” as an alternative to the information & technology overload common to children today. Both of these projects rely on how they are made and what they are made of to reveal connections between the visible and invisible.

