Make Hit Phlegm

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Master of Architecture

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Elevations

The building envelope and windows were projected onto the extruded form of a Standard Stoppage. The undulating exterior sheathing is a vertical seamed metal cladding with curved curtain windows.
Elevations

The screen wall is at the perimeter of the site, with steel tube posts and wooden horizontal members. The building’s main structure helps the screen resist lateral forces.
South Side Final Elevation
South Side Final Elevation with Screens
This Sectional Model was built of the second floor prior to starting the final model. The intent was to explore modeling techniques before attempting the complex final model. This model included all the elements of the final model.
The Section Model

This detail shows the atrium condition in the front of the building that is formed by the two stoppages; one stoppage is the exterior wall of the building and the other is the second floor plate. A glass railing separates the gallery area from the atrium.
The Wall Model

This is the screen and envelope wall of the front and north elevations.

The image below is of the mold used to curve bass wood to construct these models exterior walls with.
The Final Model

The final model is complete from Bedo's Leather on the Ground Floor to individual boards on the exterior screen.

The front and north sides of the building did not have the exterior wall installed to allow views into the model.

The neighboring buildings were removable to better see the project.
The Final Model

The image to the left shows the Main Core of the building on the street side elevation.

The image below is of the North East Corner.
The Final Model

The image to the left is a detail of the existing building that is being built around. The curved piece of basswood shows where the exterior wall is located.

The image below is the final model from West Broad Street.
The Final Model

These images show the relationship between the screen wall and envelope.
The Final Model

These images show the south elevation with and without the adjacent building.
**The Final Model**

The image to the left shows the North side of the building without the exterior wall or screen wall.

Below is a detail looking thought the glass roof of the building into the classroom circulation space.