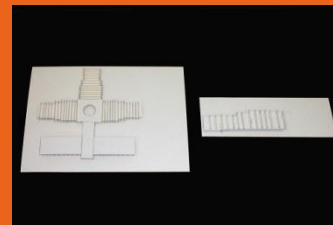
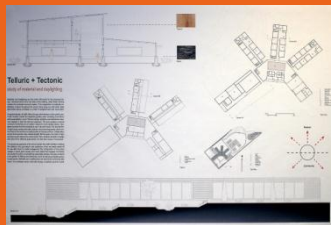


2012 STUDENT DESIGN COMPETITION



Purpose of the Competition

- Expand the diversity of attendees at the annual conference by encouraging participation at the university level.
- Student opportunities:
 - Educational facility planning
 - Collaboration with design professionals
 - Presentation skills
 - Career development
- Add a “student perspective” component to the annual conference.

Competition Overview

- Design a new Middle School for 690 students
- Students must be 3rd or 4th year architecture
- Collaborative learning environments should be considered for all instructional areas
- The site is the nearby 20 acre site of the old Blacksburg Middle School , since demolished. Selected because its close proximity allowed easy access and analysis by the students along with strong local interest in redevelopment ideas.
- Consideration should be given for the site to accommodate buses, parking and circulation, outdoor athletic fields (soccer, baseball, basketball, and tennis) and outdoor education.

Competition Overview

13 students from Virginia Tech competed

First Place:

- \$500
- Paid Registration for February Conference
- Paid Room One night for February Conference
- \$100 travel expense

Second Place:

- \$250
- Paid Registration for February Conference
- Paid Room One night for February Conference
- \$100 travel expense

Third Place:

- \$150

Competition Overview

Mentoring Teams:

- Mike Zanin
- Scott Shorland
- Scott Horan
- Jim McCalla
- Corey McCalla
- John Hutchinson

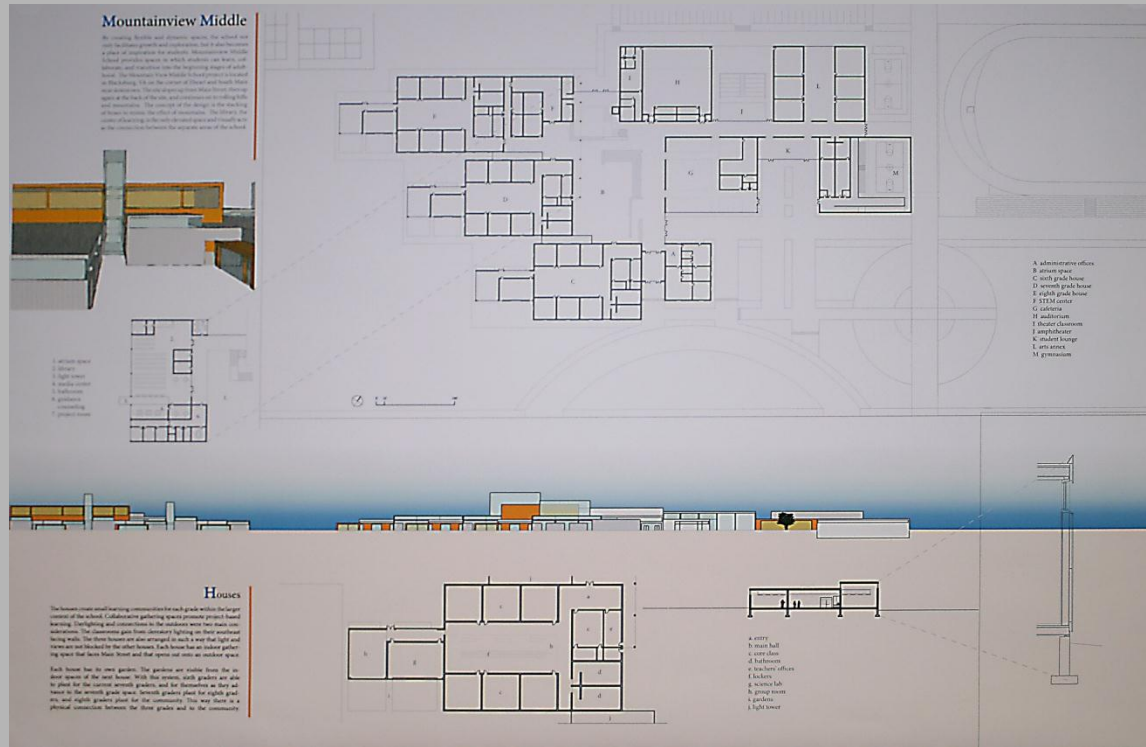
Submission Requirements

- 200 word description of the project
- The presentation panels are to be uniform, but may be at the option of the school as follows:
 - 2 panels at 24" X 24"
 - 1 panel at 24" X 48"
 - Or
 - 1 panel at 24" X 36"
- A digital file of each submitted entry
- Building plans, elevations, sections, models (virtual or physical), and a site plan

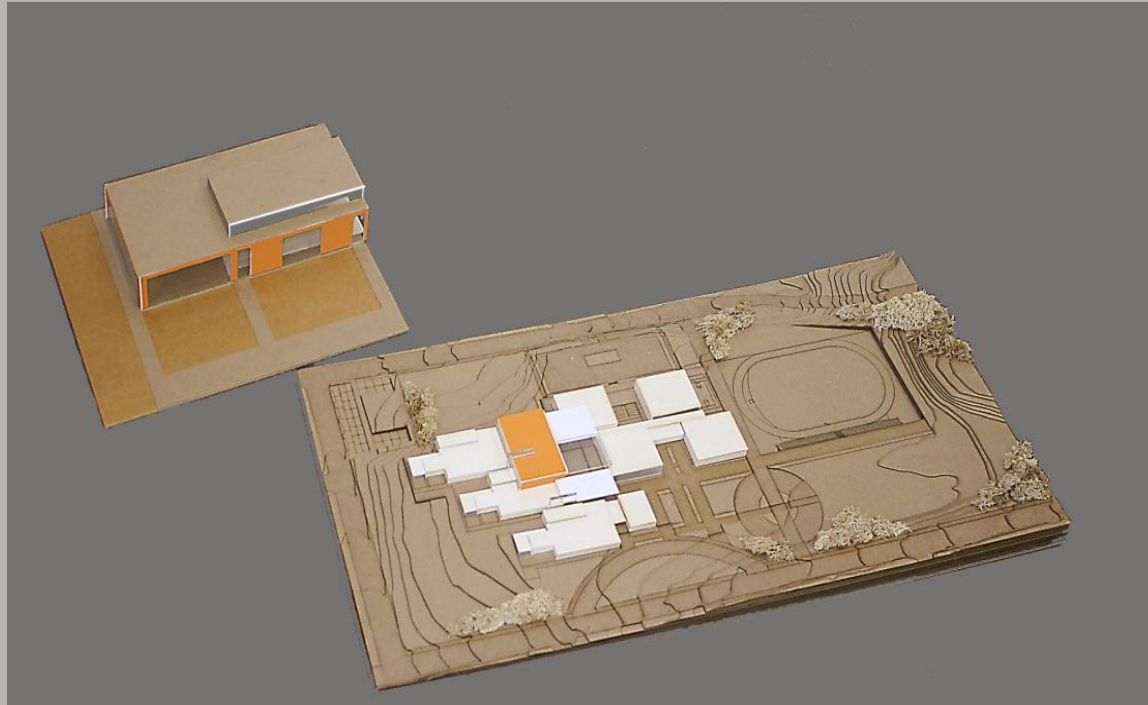
Judging Criteria

- Creativity
- Learning Enhancement Potential
- Educational Functionality
- Presentation Quality
- Sustainability

HONORABLE MENTION Alise Willis



HONORABLE MENTION Alise Willis

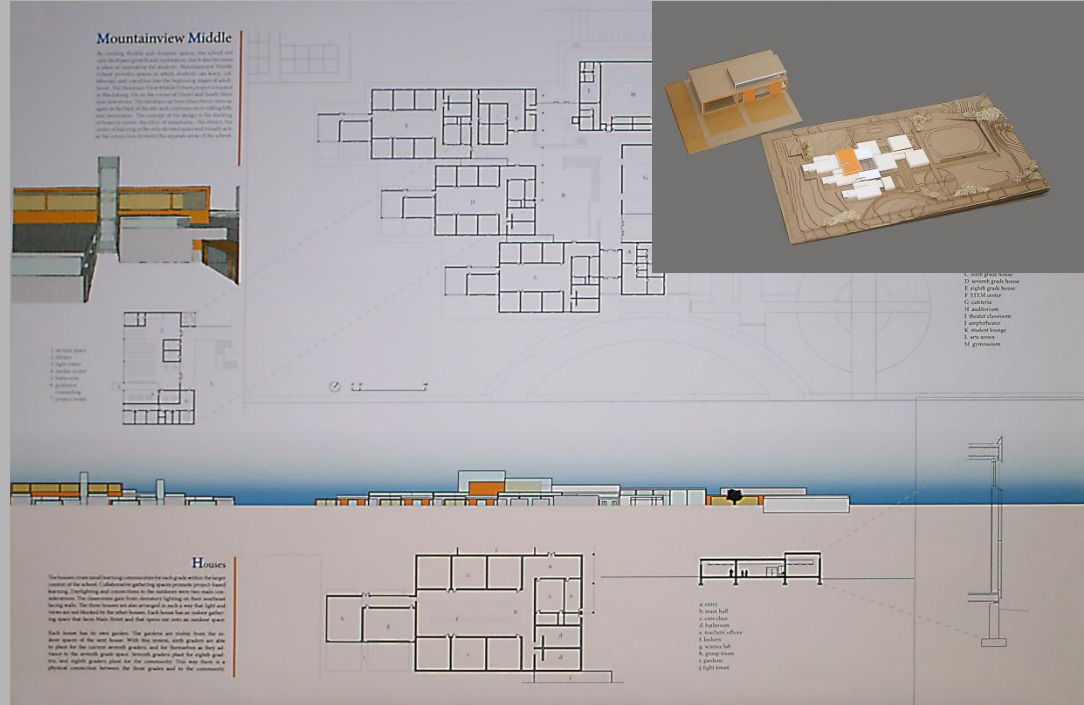


HONORABLE MENTION

Alise Willis

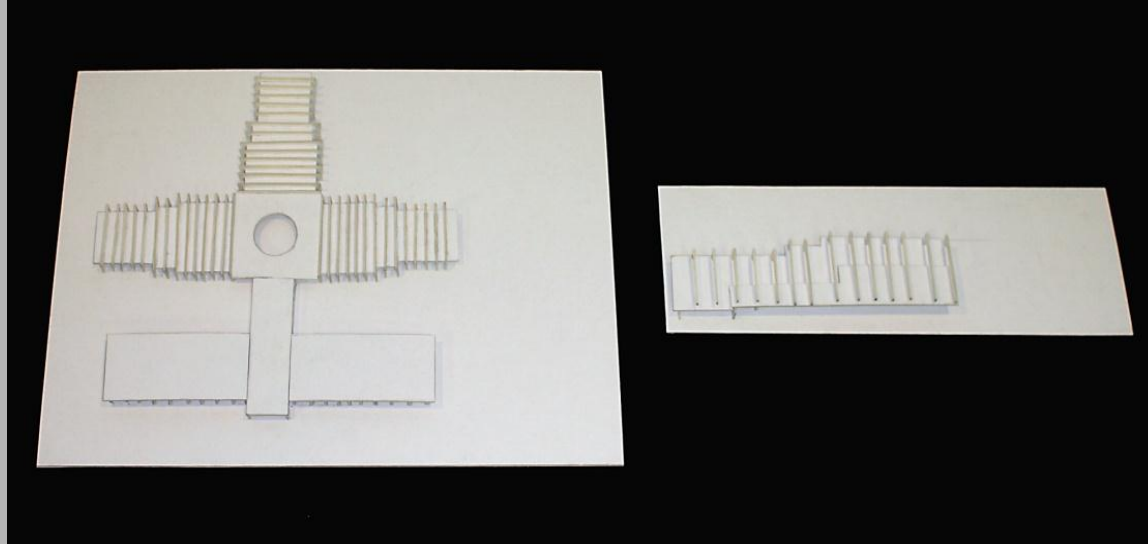
Jury Comments

- The position and organization of the building on the site attends to Main Street as well as functionally embracing the student/community activity side of the site.
- There is a clear separation/link between the academic side and the after-hours community activity.
- The use of day-lighting and views into the gardens are cleverly accomplished.
- The building/site model is very attractive in demonstrating how the plan works as well as use of day-lighting and materials in the structure



[illegible]

HONORABLE MENTION Andrew Wallace

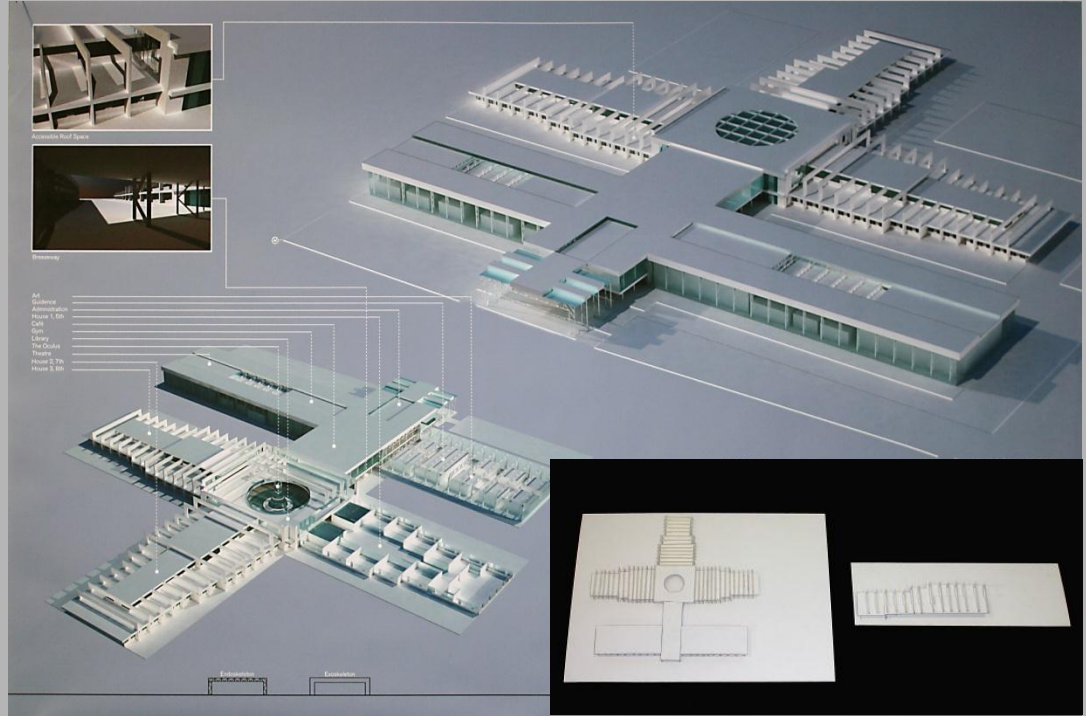


HONORABLE MENTION

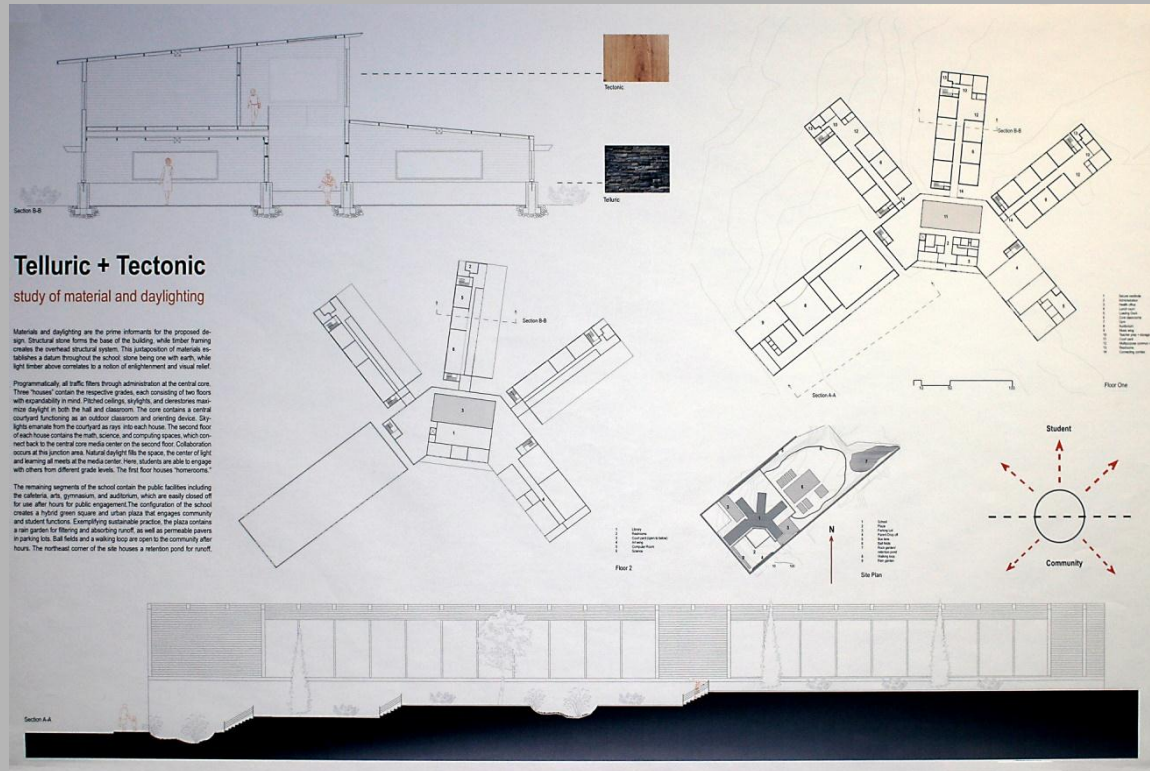
Andrew Wallace

Jury Comments

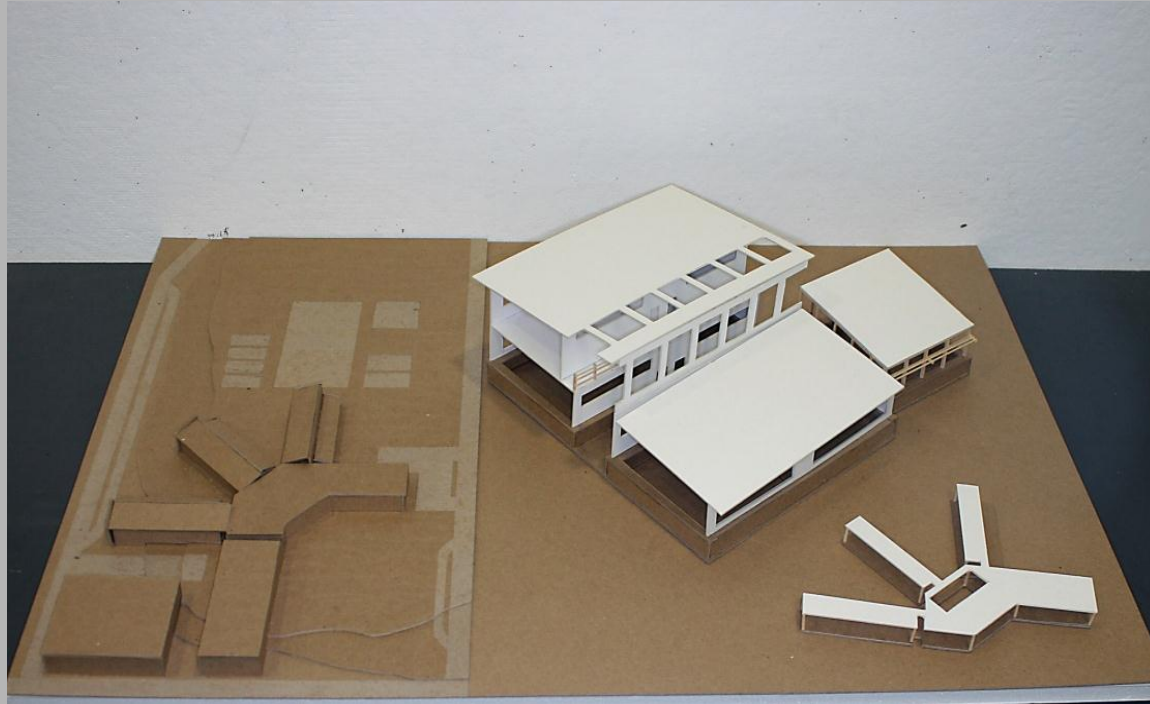
- The exoskeleton/endoskeleton theme is clearly articulated in the design.
- The plan functions well as a school. The hierarchy of spaces in the classroom pods is clearly defined and will facilitate student and faculty collaboration.
- The Media Center as the heart of the academic side works very well.
- The presentation panel is very attractive and clearly presents design ideas.



THIRD PLACE Rachael Tomei



THIRD PLACE Rachael Tomei

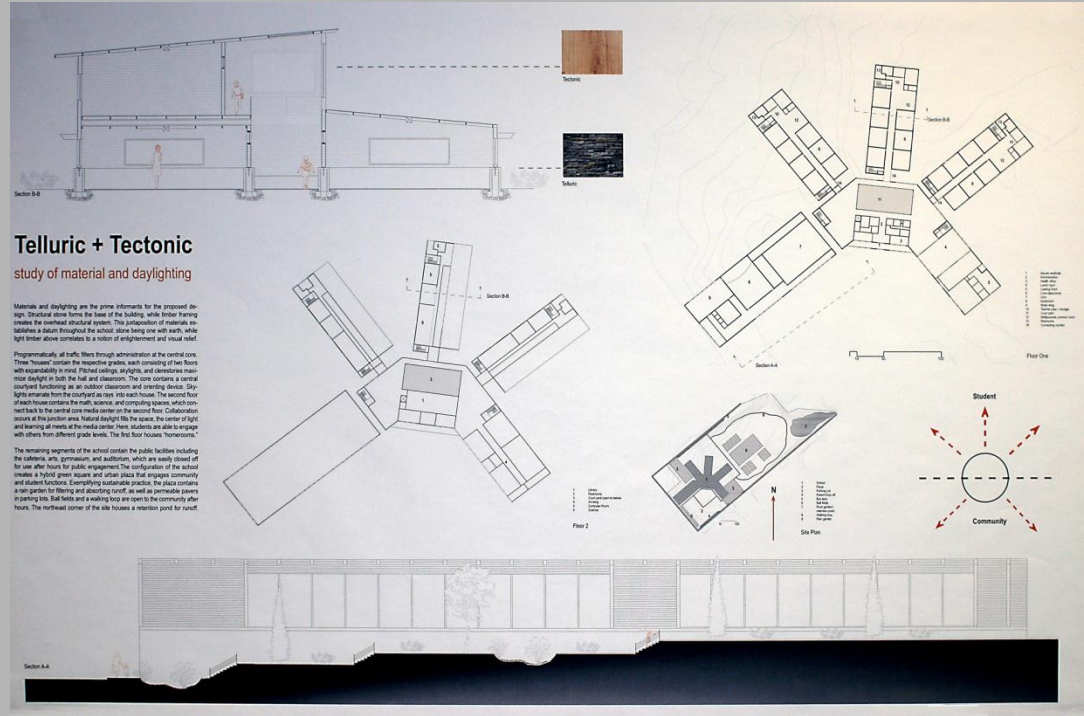
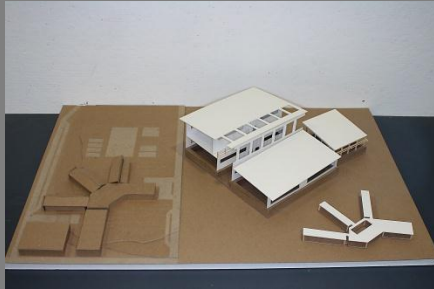


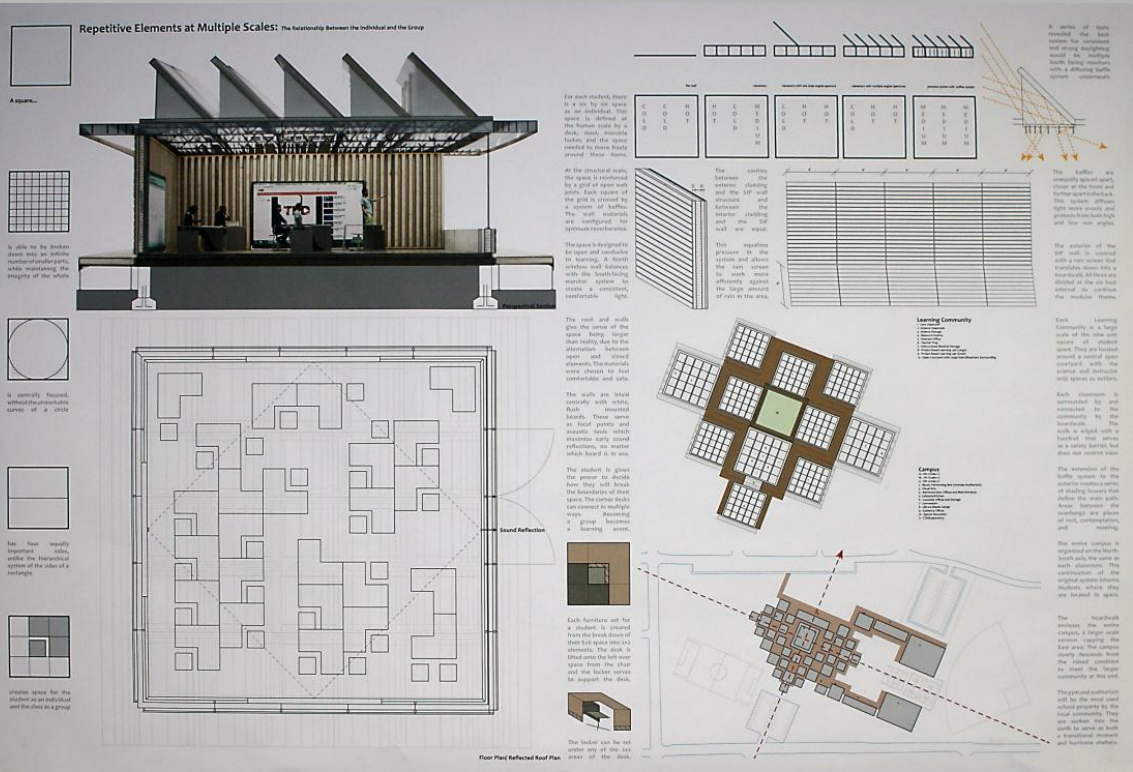
THIRD PLACE

Rachael Tomei

Jury Comments

- The plan is competently organized and will function well as a contemporary school.
- The play of stone/glass and wood is clearly expressed in the use of materials and structure.
- Technical problems are solved right down to constructability and code.





SECOND PLACE Rachel Motague

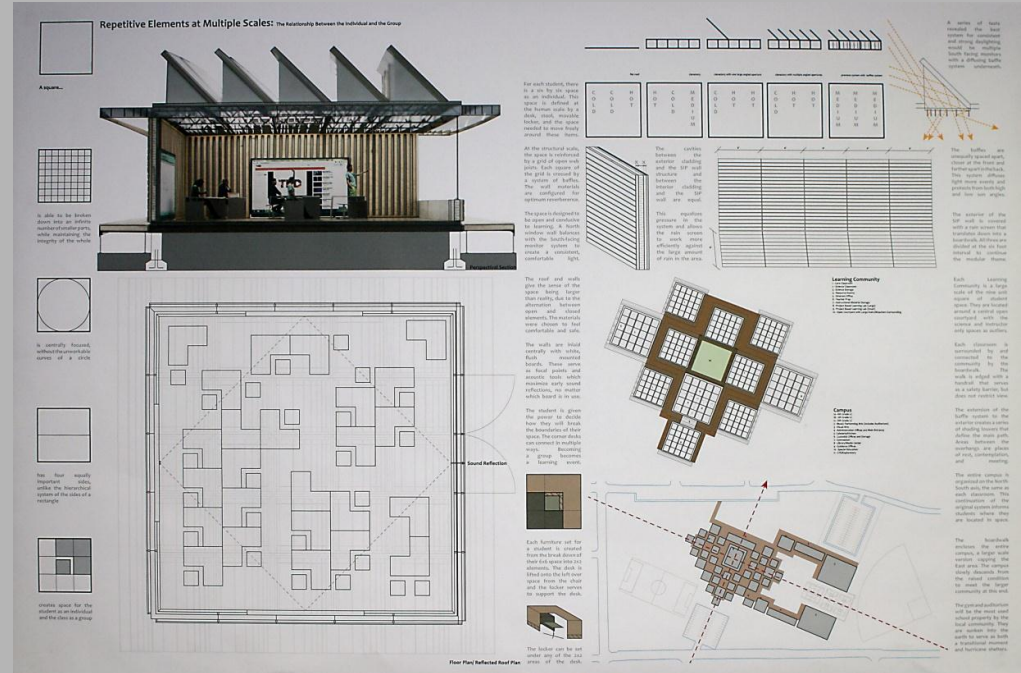
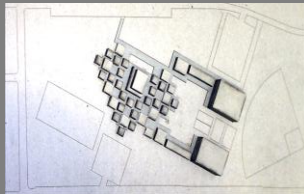


SECOND PLACE

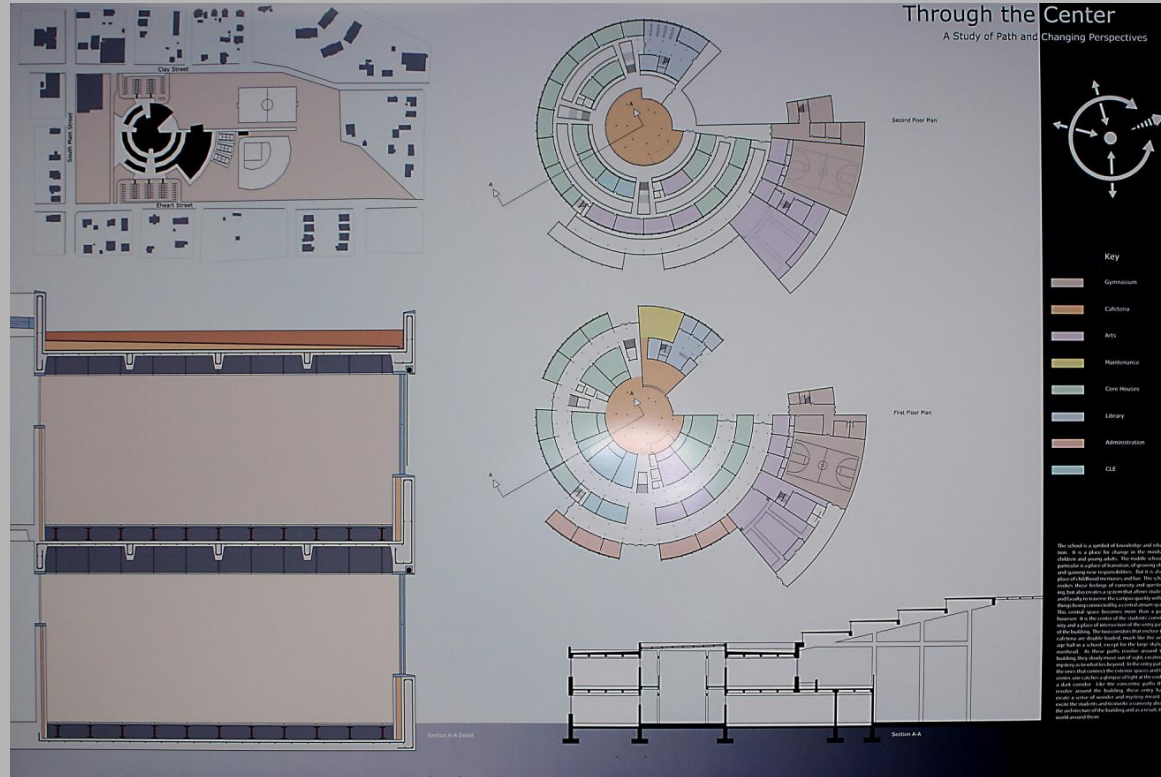
Rachel Motague

Jury Comments

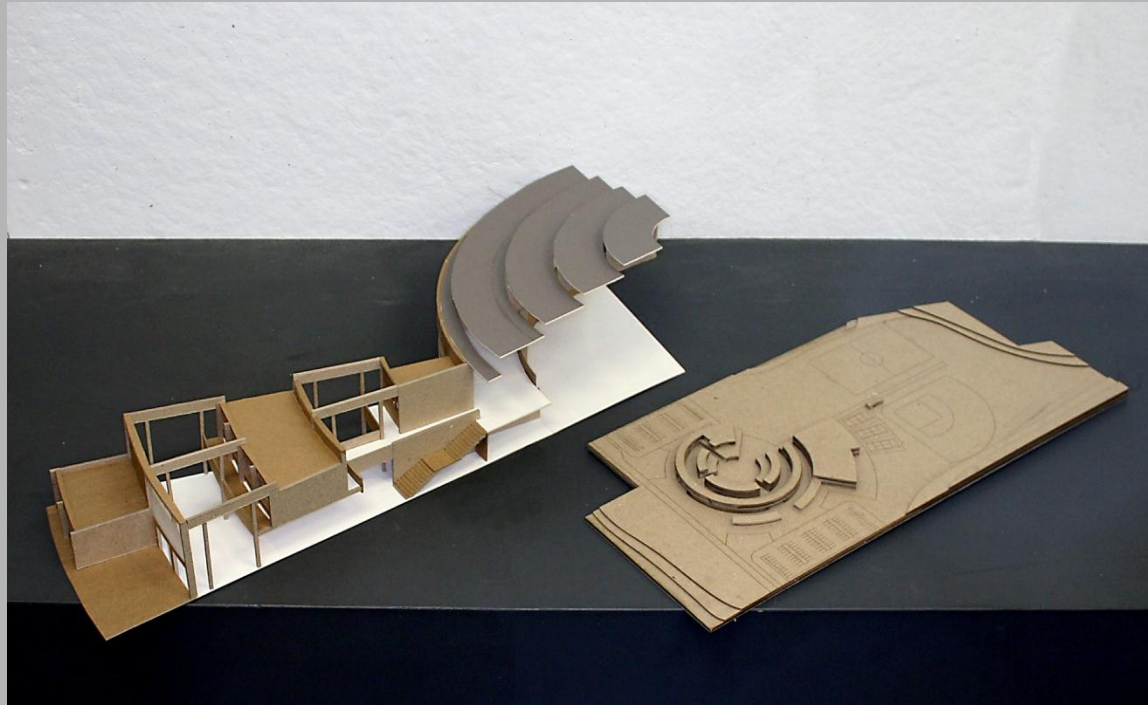
- The thought process that originates at the micro scale module of the student expanded to the macro scales of plan and structure are very complete and cleverly presented in plans, diagrams and the model.
- Modulating daylight for the classrooms is well thought out.
- Flexibility of function in the classroom and integration with education technology are clearly expressed in the model.



FIRST PLACE Thomas Doorn



FIRST PLACE Thomas Doorn



FIRST PLACE

Thomas Doorn

Jury Comments

- Both the model and presentation board are very high quality and clearly express design ideas.
- Day-lighting into classrooms, circulation and common spaces is cleverly worked out.
- The building sits nicely on the site and embraces both Main Street and the school Campus.
- The design creates an “experience” of movement through the curved circulation which expands into the great central architectural space and explodes into the outdoors.

