

2nd Annual SCHLUEBarchitecture Student Design Competition

'Adaptive Reuse Fire House' Guidelines

Registration Begins: **February 1st, 2011**
Review Submission Deadline: **Feb.28th, 2011**
Design Submission Deadline: **April 18th, 2011**

OVERVIEW:

The SCHLUEBarchitecture Student Design Competition was created to give students the opportunity to design a house in the same manner as an architect, while also providing insight into an architectural program on the collegiate level and the workings of a professional practice. The competition invites both public and private high schools in the Pittsburgh region, with the program structured to fit within a high school curriculum. The competition consists of a design for an Adaptive Reuse Fire House and will be judged on five design criteria. Each criteria category will have one student winner and one honorable mention student, selected through anonymous submissions. Please visit www.SCHLUEBarchitecture.com/SDC.html for additional competition information, announcements, design project links, updates, downloads of the guidelines and registration form, or to email questions about the competition.

PARTNERS:

The SCHLUEBarchitecture Student Design Competition is hosted by Matthew Schueb, in partnership with the Mattress Factory Museum, University of Pittsburgh Architectural Studies Program, Artemis Environmental Building Materials, SPLASH Luxury Home Collection and Print-O-Stat Document Management Company.

DESIGN PROGRAM:

Imagine you are given an existing building on a particular lot, how would you transform it into your home? Question everything that goes into a home, take nothing for granted. Let your imagination go. What would it look like? How would it be different from homes you've been in before? How would it be lived in? What would it be made of? How would the spaces be arranged? What would make it special to you? What would be your favorite part?

Find a small detail that defines the essence of your home, describe it with words and drawings. Then create a home around it, expanding on the original idea to give it more depth and meaning. Links are available on the competition website to begin researching and the design process. At the mid-point of the competition, students may submit a Progress Review drawing set for jury member feedback, noting their project's strengths and areas that could be explored further for the Final Design submittal.



PROJECT SITE:

The project site is Engine Company No.43 Fire House, an existing building on the North Side in the Mexican War Streets. Built in 1877 by the Allegheny City Fire Department, this building is the oldest firehouse in Pittsburgh and was in operation until 1969. Constructed to be a 'magnificent structure, not only modern in its function, but grand in its architecture', it is designated a City Historic Structure. In 1996, the building was converted into a studio and is currently occupied by an artist collective of various visual artists.

You are to adaptively reuse the existing Fire House building and site to create a home for yourself, with all of the rooms and spaces needed to live comfortably. You may make any changes you would like to the interior of the building, but exterior changes must be made with consideration of historic preservation – if you propose something new on the exterior or removal of a some portion of the exterior structure, it must be justified by the design concept for the house to gain community approval. Plans and elevations of the existing building are available online to begin the design process.

ELIGIBILITY:

Any high school student from an invited high school is eligible to enter. Submission entries may be worked on as a group or class, but must be submitted individually with one student per design entry.

SUBMISSION FORMAT:

Design submissions to be maximum 24" x 36" drawing sheets (maximum 3 sheets per entry), either hand drawn on paper or drafted with a computer. Electronic sheets are to be submitted as PDF or JPG files on a CD. Animations (walk-thru, etc.) of the house are permitted, but not required, submitted as AVI or MPEG files on a CD and are to be no longer than 3 minutes in length (maximum 3 animations per entry).

Paper submissions to be labeled on the back of sheets with the Student Code from the Registration Form. Electronic sheets to include the Student Code in the file name. Student names and school names are NOT to appear anywhere on the submissions. Multiple entries from a class or school may be grouped together on a single CD or mailed together if on paper, preferably rolled in a tube to prevent folding.

Drawings to be scaled appropriately to be legible and fit within the sheet. Each submission MUST include:

1. Site Plan, showing house location, plantings and any special site features (i.e. vistas, barriers, etc.).
2. Floor Plan(s), showing spatial arrangements, furnishings, cabinetry, plumbing fixtures, appliances, etc.
3. Elevations and/or Perspectives, showing material finishes, textures, daylight shadows, etc.
4. Diagrammatic detail illustrating the use of green material(s) as a key feature in the house design.
5. Written Statement explaining the design concept and/or primary ideas (350 words maximum).

FIVE JUDGING CRITERIA (A winner to be named for each category):

1. Creativity and Innovation challenging the standards of conventional home design and lifestyles.
2. Integration of Green Building Materials in a strategic way that accentuates the home's design.
3. Translation of the Design Concept/Idea from the written statement into the home's design.
4. Incorporation of the home into the Site highlighting the defining features of this historic fire house.
5. Presentation and Clarity of drawings to convey the home's design graphically and legibly.

SCHEDULE:

- Feb. 1st, 2011 Registration begins and project information posted online to begin the design process.
- Feb. 28th Progress Review submittal deadline (emailed or postmarked) – optional, but recommended.
- March 8th Jury feedback comments of Progress Review sets emailed to students via School Contact Person.
- April 18th Final Design submittal deadline (emailed or postmarked).
- April 25th Finalists (5 Winners and Honorable Mentions) announced on SCHLUEBarchitecture website.
- April 25th-30th Finalists (and their high school teacher) are invited to attend Pitt's Final Review presentations.
- May 1st Finalist students (with one guest, parent or teacher) are invited on a three stop tour:
Mattress Factory Museum (Noon – 2pm)
An Artist Studio transformed from an abandoned Synagogue (3pm – 4pm)
Villa Vuoto reception and awards banquet (5pm – 7pm)
- July-Aug. Five Winners are invited to assist Matthew Schlueb in the design and construction of a current SCHLUEBarchitecture project, involvement level determined by each individual student.

SUBMISSIONS:

Registration Forms can be scanned & emailed to: SDC@FINALmove.com
or faxed to: (801) 934-7868 or mailed to the address below.

Progress Review and Final Design submissions mailed to: Matthew Schlueb
SCHLUEBarchitecture
1604 Settlers Grove Lane
Wexford, PA 15090+7623

RETURN OF DESIGN SUBMISSIONS:

Submission materials are returned on May 10, 2011 to the School Contact Person listed on the Registration Form. SCHLUEBarchitecture reserves the right to use design submissions for publication and/or future promotion of the Student Design Competition, without notification or compensation to the original author.