



ARCHITECTURE

American Institute of Architects New Hampshire Chapter 2009 – 2010 High School Design Competition Program

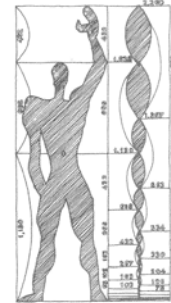
Educational Objectives

To increase your awareness of the relationships between space, human scale and function.

To gain experience in recognizing the various challenges in planning and designing indoor and outdoor spaces for specific uses.

To exercise your analytical abilities and creativity in solving the problems you have defined.

To gain experience in communicating your planning and design ideas using scale drawings and models.



Program

This year's AIANH Competition will be to design a Performing Arts Center (PAC) as an addition to your local High School or other academic building on your campus. The PAC will encompass performances by the students ranging from music in the concert hall to multi-media contemporary theatre, a symposium focusing on the nexus of your school's Arts and Science curriculum, presentations and workshops. This facility will also be open to the residents in your community. The Performing Arts Center should be like no other; both a signature work of architecture and a unique facility combining many specialized venues.

Site

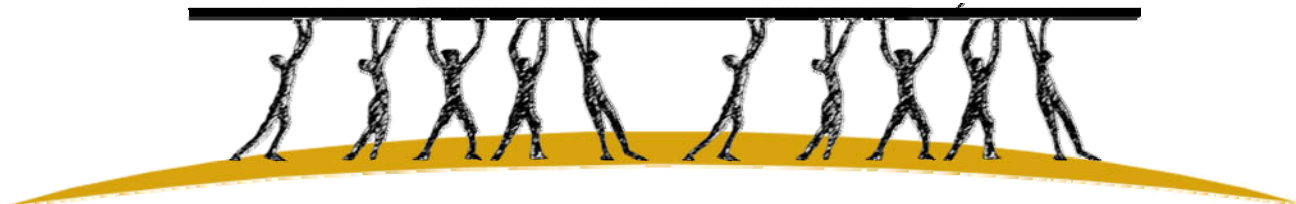
Each student or team of students (no more than two per team) will need to provide a site plan drawn to scale for the purpose of illustrating how the proposed Performing Arts Center relates to the immediate site where it connects to the existing building. Students are required to obtain the site plan of their own school.

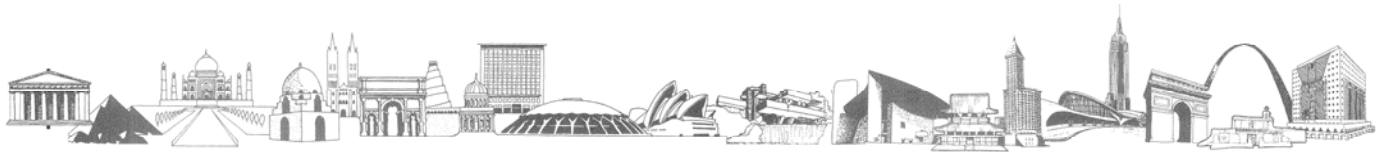
In the event students can not find a copy of their school's site plan or determine the site cannot accommodate an addition, a generic site plan will be provided.

A Vision For The Performing Arts Center

The creation of the Performing Arts Center stems from the conviction that education must occur in an environment which offers diversity of thought, dialogue and exchange of ideas. This facility should be able to provide a platform where science can interact with artistic creation and become home to an emerging collaborative community of artists. The PAC should celebrate the Performing Arts.

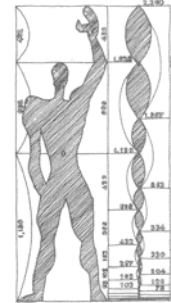
A rich environment where imagination meets Music, Science and the Arts





ARCHITECTURE

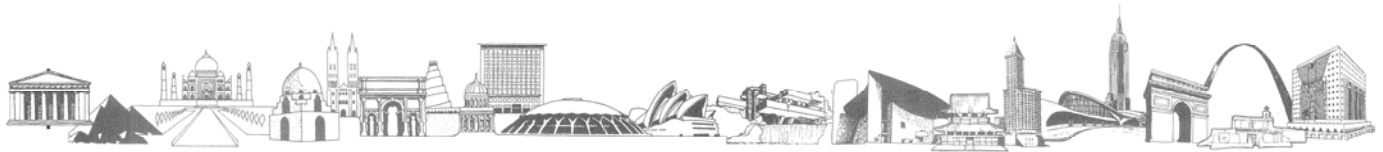
Building Area Needs: The PAC shall be a single story facility. The following spaces should be carefully designed such that their content, size (square footage) and organization will create an expressive character as well as a functional floor plan. Spaces should be connected to each other to the main entrance and to your existing school via circulation space.



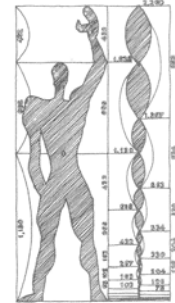
- Single story structure approximately 12,000 sq. ft
- Main lobby
- Coat room
- Box office for the purpose of selling tickets
- Café with internet access and access to the exterior for deliveries
- Music hall with seating for approximately 500 people
- Stage Area:
 - Proscenium: Provide acting area
 - Fly Space: Adjacent to acting area for locating scenery and working space
- Men's and Women's changing rooms
 - Incorporate a toilet/sink in each dressing room
 - Minimum of 10 performers should be able to use each room
- Studio One
 - Dance presentation
- Studio Two
 - Scientific visualization, animation and video projection
- Rehearsal area
- Administrative office
- Men's and Women's restroom located in main lobby area
 - Women's room – two toilets, one sink
 - Men's room – one urinal, one toilet, one sink
- Janitors closet adjacent to the restroom
- Storage
- All public areas, indoor and outdoor, shall be made accessible to the disabled. A disabled person must be able to experience the space and events equal to other able persons. Consider entry paths and location of seating

Requirements

- Design Boards (20" x 36") to include:
 - One board to include design sketches, design process and inspiration information
 - Site plan
 - Floor plan: show relationship to the existing building
 - Exterior and interior elevations
 - Building sections
 - Exterior and/or interior perspective – optional
 (see sample presentation layout)
- 1/8" Scale model, show relationship to the existing building
- Brief project narration – one page narrative explaining the main ideas of the building design. This can include but is not limited to: How the building responds to the surrounding architecture and the site, how the building showcases the performing arts, the story of a typical visitor and how will people occupy the building.



ARCHITECTURE



Timeline (specific dates to follow)

- August 2009 Letters will be sent to High School Principals to announce the competition.
- August 2009 Design Competition Requirements will be posted on AIANH Website.
- April 2010 Entries are due April 30, 2010.
- January 2011 AIANH Awards noted above will be on display at the annual AIANH Excellence in Architecture Awards Banquet in January 2011.

- AIANH Awards for Best Design, Overall Superiority, in all aspects of Design Solution, Model and Graphic Presentation
- AIANH Awards for Best Model describing Design Solution
- AIANH Awards for Best Graphic presentation describing Design Solution
- AIANH Awards for Honorable Mention

Awards for Best Design, Overall Superiority, in all aspects of Design Solution, Model and Graphic Presentation:

1 st Place	750.00
2 nd Place	500.00
3 rd Place	250.00

Awards for Best Model describing Design Solution

1 st Place	750.00
2 nd Place	500.00
3 rd Place	250.00

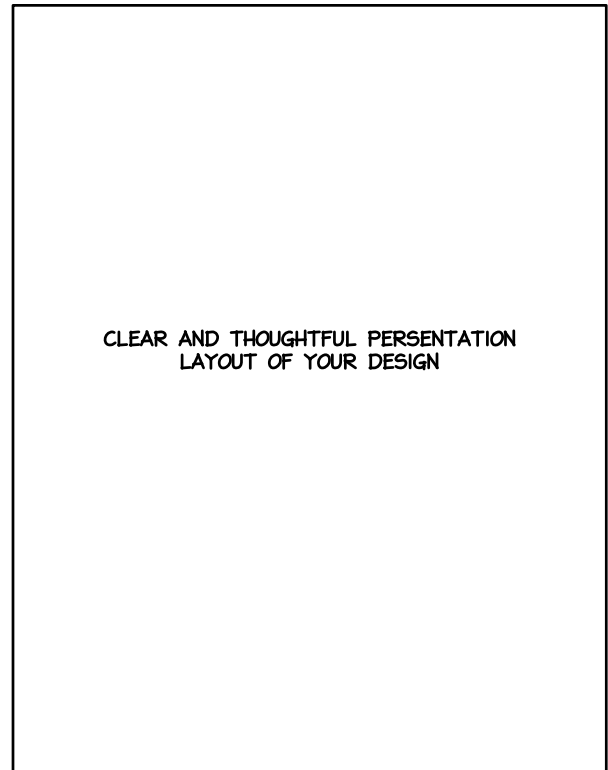
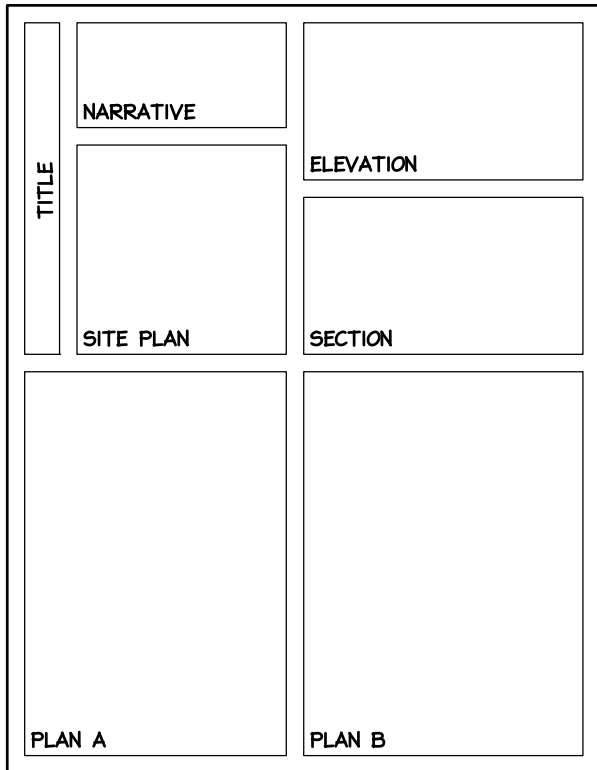
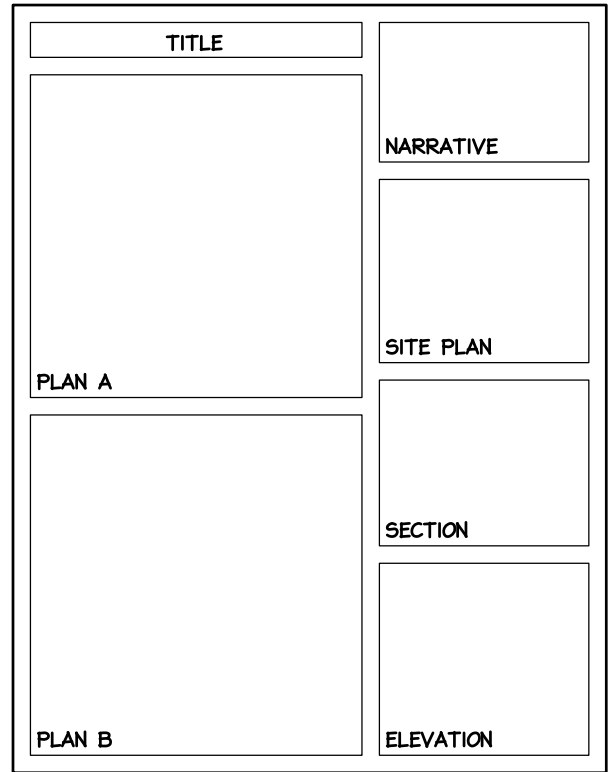
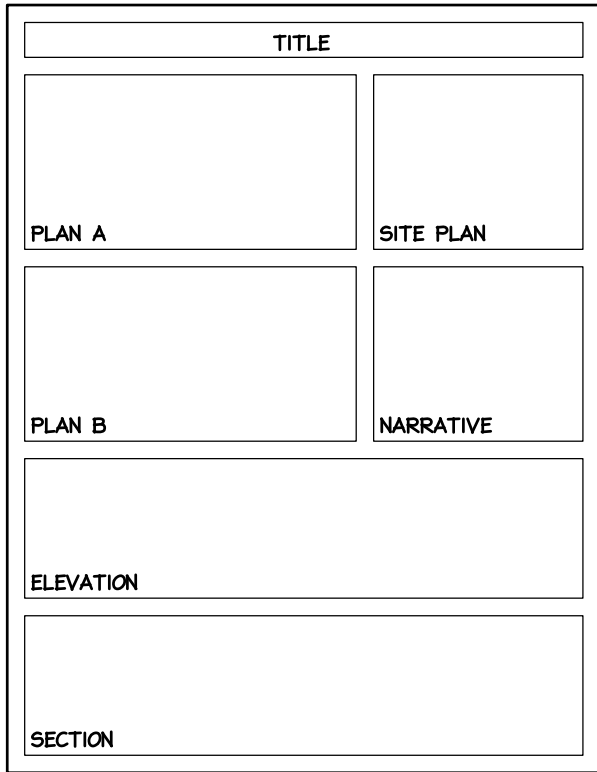
Awards for Best Graphic presentation describing Design Solution:

1 st Place	750.00
2 nd Place	500.00
3 rd Place	250.00

Awards for Honorable Mention:

At the discretion of the judges, honorable mention awards will be presented to noteworthy submissions.

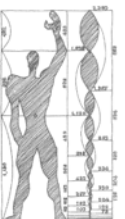
A Certificate of Participation will be presented to each entrant.

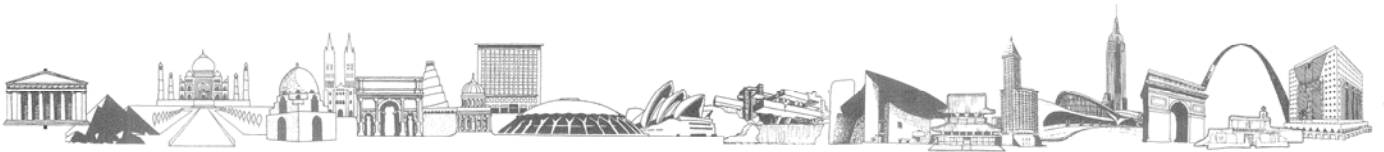


**SAMPLE
PRESENTATION
LAYOUTS**

ARCHITECTURE

**AMERICAN INSTITUTE OF ARCHITECTS
NEW HAMPSHIRE CHAPTER
2009-2010 HIGH SCHOOL DESIGN COMPETITION**



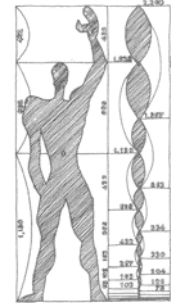


ARCHITECTURE

American Institute of Architects New Hampshire Chapter 2009 – 2010 High School Design Competition Program

Registration

To register students for this AIANH 2009-2010 High School Design Competition, teachers/instructors are required to provide the following:



Teacher/Instructor Name: _____

Email Address: _____

Student(s) Name: _____

School: _____

School Address: _____

Telephone #: _____

Please email the above information to:

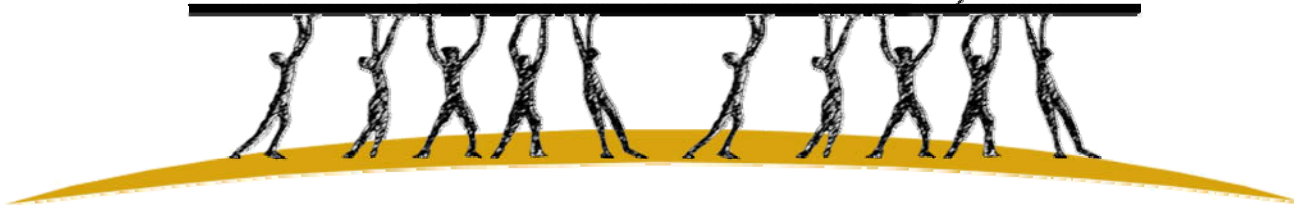
Carolyn Isaak, Executive Director
AIA New Hampshire
310 Marlboro Street #2
PO Box 398,
Keene, NH 03431
www.aianh.org
office@aianh.org

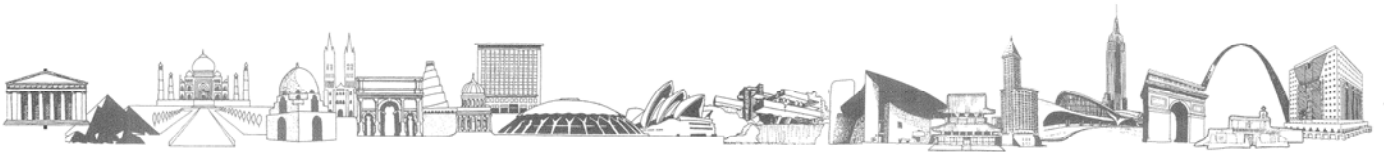
Registrations will be accepted anytime through January 29, 2010.

Students may work individually or with a partner.

After the AIA New Hampshire office has received the participating High School/Academy's registration form, a registered Architect will be assigned to assist the students in this year's competition.

A rich environment where imagination meets Music, Science and the Arts

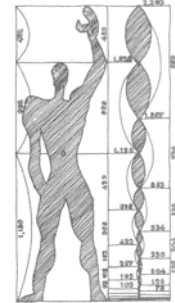




ARCHITECTURE

American Institute of Architects New Hampshire Chapter 2009 – 2010 High School Design Competition Program

Submission Form



Student(s) Name (list each student in a team):

Student(s) Email Address:

Student(s) Postal Address:

A rich environment where imagination meets Music, Science and the Arts

