

# Home Builders Association of Hartford County, Inc.

## YOUTH DESIGN AWARDS PROGRAM REGISTRATION FORM

*Please fill out the following as completely and  
accurately as possible.*

**PLEASE PRINT CLEARLY!**

Student's Name \_\_\_\_\_

Home Address \_\_\_\_\_

Town \_\_\_\_\_ Zip \_\_\_\_\_

School \_\_\_\_\_ Grade \_\_\_\_\_

Home Phone(    ) \_\_\_\_\_

Email \_\_\_\_\_

Instructor's Name \_\_\_\_\_

Instructor's Email \_\_\_\_\_

Principal's Name \_\_\_\_\_

Do you plan to continue formal training and  
education beyond high school level?  
Yes \_\_\_\_\_ No \_\_\_\_\_

Choice of post high school training institution:  
  
\_\_\_\_\_

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### **Forward registration to:**

Home Builders Assn. of Hartford County, Inc.  
2189 Silas Deane Hwy., Rocky Hill, CT 06067

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### **Questions?**

Phone: (860) 563-4212 • Fax: (860) 563-3709  
susan@hbahartford.com

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*Registration must be received no later  
than February 15, 2010. **We must have a final  
count and students name who will be entering  
a model by this deadline.***

### **ENTRY FORMS**

Each student should forward his/her entry registration to the Home Builders Association of Hartford County, Inc., 2189 Silas Deane Highway, Rocky Hill, CT 06067 on or before February 15, 2010.

### **ANNOUNCEMENT OF AWARDS**

Award winners will be announced at the Original Connecticut Home & Remodeling Show at the Connecticut Convention Center.

### **JUDGING**

Official judging will be done by a panel of members of the Home Builders Association of Hartford County, Inc. and their associates. Entries not conforming to the rules may be disqualified.

Entries will be judged upon the following:

- Meeting design requirements
- Originality of ideas in plan and elevations
- Logical use of materials on construction of model
- Conformance with principles of good architectural design
- Quality of model presentation and draftsmanship
- Accuracy of construction details/wall section

**In all cases, the decision of the judges will be final.  
Non-adherence to rules and regulations will result in  
point deduction and/or disqualification**

### **DELIVERY OF ENTRIES**

All entries are to be delivered to the Connecticut Convention Center, 100 Columbus Blvd., Hartford, CT on Thursday, March 4, 2010, prior to 12:00 noon.

### **RETURN OF ENTRIES**

All entries submitted by entrants, as well as their accompanying scale models, will become the property of the Home Builders Association of Hartford County, Inc. for the duration of the Show. **All drawings and models must be reclaimed at the Connecticut Convention Center after 5:00 p.m. on Sunday, March 7, 2010, or Monday, March 8, 2010, prior to noon.** Thereafter, the HBA will no longer be responsible for the entry materials.

### **EXHIBIT**

All completed entries will be publicly displayed during the *Original* Connecticut Home & Remodeling Show at the Connecticut Convention Center, March 5-7, 2010.



Home Builders Association

of Hartford County, Inc.

2010 Youth Design Contest



**SPONSORED BY:**



*For more than 60 years the HBA has sponsored  
this exciting and unique educational experience,  
which provides student scholarships for*

# Home Builders Association of Hartford County, Inc.

## YOUTH DESIGN AWARDS CONTEST Presentation Drawings of a Residence and Design Scale Model

### WHO IS ELIGIBLE

Entries may be submitted by any student in grades 10, 11, or 12 enrolled in design or drafting courses in public, parochial or private schools in the state of Connecticut.

### WHAT MAY BE ENTERED

"Presentation" drawings of a single-family residence, made by the student under the supervision of an industrial arts instructor and which qualifies under the rules and regulations, may be entered in the program. Drawings must have been started and completed in a single school year or its equivalent. There is no entry fee.

### ENTRIES MAY BE REJECTED UNLESS THEY MEET THE FOLLOWING CRITERIA:

### RULES AND REGULATIONS

The drawing must be black ink/pencil on white paper. They must be essentially flat, meaning raised letter or other three-dimensional surfaces are not permitted. The drawing sheet size shall be 24" wide x 30" deep in portrait format and shall be mounted on heavy card-board or illustration board 24" wide x 30" deep.\*

The sheet shall include the following:

- Plot plan in 1" = 20' scale, showing all exterior building dimensions and all setbacks from lot lines. Assume 35' front & rear building lines with 10' side yard.
- A floor plan in 1/4" scale in presentation drawing style including room title and sizes with adequate overall dimensions so judges can calculate footage.
- A typical wall section noting materials to be used including "R" value of exterior and roof construction.
- A perspective, or front elevation drawing of the building, additional details, plans, or elevations as deemed advisable by the student to explain his entry.
- Drawings must indicate square footage of residence (see "Design Criteria" below).
- Drawings must include title block and must include instructor's signature.

*\*Entries not meeting size requirements may be disqualified.*

### ALL DRAWINGS FOR ONE ENTRY SHALL BE ON ONE BOARD OF THE SIZE SPECIFIED ABOVE.

Each entry should include a full-dimensional scale model 1/4" scale of the house design. The model is to be constructed of suitable material of the student's choice on a rigid base (1/2" plywood or equivalent) 24" wide x 30" deep in portrait format.

### DESIGN & GREEN BUILDING CONCEPTS CRITERIA

Design a single family home with three bedrooms not to exceed 2,000 sq. ft. of floor space measured to the outside face of exterior walls. The residence may be with or without basement, must have a garage (basement type or attached—may be of masonry or frame construction—carports will not count as a garage). Garages, open porches, decks, unfinished incidental storage, greenhouses, and/or seasonal solar spaces, unfinished basements and attic areas will not be counted as finished living area. Two story spaces shall be counted as one area at the floor level. The site is a residential building lot with 100' of frontage and 140' of depth (site can incorporate varying topography and characteristics).

#### Green Building:

The entries should include three NAHB's Model Green Home Building Guidelines concepts and the reason utilized on the enclosed form provided by Home Builders Association of Hartford County.

For NAHB's guidelines go to:

[www.nahbgreen.org/Guidelines](http://www.nahbgreen.org/Guidelines)

#### OTHER DESIGN OPTIONS

##### Accessibility:

Students may incorporate 3 accessibility features as described in the Dept. of Justice, ADA Standards for Accessible Design.

For ADA Standards for Accessible Design go to:

[www.ada.gov](http://www.ada.gov) Click on **ADA Design Standards**

##### Energy Efficiency:

Students may incorporate energy efficiency features in the design of the home (heating/cooling, windows, doors, etc.). Students should provide specific details in section (c) of the Rules and Regulations. Students may also include a listing of Energy Star products and components, but must describe each component and its application.

For Energy Star Information go to:

[www.energystar.gov](http://www.energystar.gov) Click on **New Homes**

Additional awards will be given for Areas of Excellence. These include:

**Green Building; Energy Efficiency; Accessibility; Structural Detail; Thinking Outside the Box; Unique Model Presentation; Best First Time Entry for a School.**

Each award is \$500 and will be given to the student's school to enhance the department curriculum.

### WHAT YOU CAN WIN

All completed entries from each school are to be submitted for official judging. Awards will be as follows:

#### FIRST PLACE AWARD

\$1,000 Cash Prize will be awarded to the winner and a \$1,500 scholarship shall be presented upon evidence of matriculation in one of the programs listed below:

*Architecture; Construction Management; Construction Technology; Structural Engineering; Civil Engineering*

#### SECOND PRIZE AWARD

\$600 Cash Prize and a \$750 scholarship with the same criteria as above.

#### THIRD PLACE AWARD

\$300 Cash Prize

#### FOURTH PLACE AWARD

\$100 Cash Prize

*Scholarships shall be presented upon graduation from high school and is to be used within two (2) years of that time.*

The school of the student winning first place shall receive a plaque on which will be designated the name of the school, the teacher and the student.

**Fill out the registration form  
on reverse and return to:**



**Home Builders Association  
of Hartford County, Inc.**

2189 Silas Deane Highway  
Rocky Hill, Connecticut 06067

Tel: (860) 563-4212

Fax: (860) 563-3709

[susan@hbahartford.com](mailto:susan@hbahartford.com)

**Producers of the:**

