

SBE Training Center
Design Build Competition
Judging Sheet

Team _____

Judge _____

Design	Pts Poss.	Pts Awarded
Completeness of Plans	10	_____
Conformity to Design Criteria	10	_____
Creativity	10	_____
Building		
Code Compliance	7	_____
Inspection	7	_____
Quality	6	_____
Construction		
Percentage of Completion	10	_____
Utilization of Manpower	10	_____
Safety	10	_____
Workmanship	10	_____
Completed Structure (Stability, Functionality, Appearance, Effective use of Materials)	10	_____
Max Pts Possible	100	

Design Criteria

1. Design and prepare construction drawings for a structure which meets the following criteria:
 - a. Maximum width in one direction: 8'6" (including roof overhang, if applicable). Structures cannot exceed this width because of transportation limitations on local roads.
 - b. Maximum enclosed square footage: 96
 - c. Maximum overall height 13' 6"
 - d. Floor: Floor platform must be constructed to allow structure to be picked up, loaded, and unloaded for truck with a forklift. (Allow 6" in height for 4" x 6" pressure treated skids.)
 - e. Roof: Must have a minimum slope of 3" vertical in 12" horizontal in order to use composition shingle roof covering. Minimum 8" eaves.
 - f. One 2'0" x 2'0" window (teams may frame for more, but only one window will be provided). Teams must install window provided by the SBETC. Teams may not install any other window, even though they can be framed for.
 - g. One 3'0" x 6'8" door (teams may frame for more, but only one door will be provided). Teams must install pre-hung door provided by the SBETC, but may alter given door as they see fit; that is, alter the size and dimensions of the door.

2. Construction documents must be prepared on 24' x 36' drawing sheet(s), and must include the following items:
 - a. A statement of intended use for structure and how the design reflects that use.
 - b. Site plan at appropriate scale showing location on appropriate site.
 - c. Floor plan at 1/4" = 1'0" scale.
 - d. Appropriate section(s), details and framing plans to fully describe structure.

Safety

1. Safety must, of course, be the most important item of consideration during the entire event.
2. Previous instruction and proficiency in the use of power tools is required of all construction teams' members. Documented safety instruction outside of the competition garners and additional 10 points. (Safety Meeting)
3. Safety is a category on all the judge's evaluation forms.
4. Safety requirements during the construction phase of the competition include: Team members must wear safety glasses, hard hats and appropriate shoes / clothing.