

**43<sup>rd</sup> Annual National Collegiate Landscape Competition**  
**March 20 - 23, 2019**  
**Colorado State University**

## **WOOD CONSTRUCTION**

**Description:** A two-person team (maximum of one per school) will demonstrate proficiency in constructing a wooden structure as shown on plans and diagrams. The team must display competency in following a plan, selecting and using hand tools, safe use of power tools, material efficiency, cutting, nailing, bolting, selection and application of screws, squaring, leveling, drilling, plan completion and clean up. All participants wishing to compete will take a qualifying exam. The combined score of both participants will be used to determine participation in Friday's event.

**Pre-Event Qualifying Test:** There will be a proctor monitored online test held onsite at NCLC. The testing center will be open Tuesday, March 19 from 10 am – 8 pm and Wednesday, March 20 from 7 am – 7 pm. See the schedule for room assignments. Participants from the same school are to take the test individually but must come to the testing center at the same time. Results will be posted on Wednesday night at 9 pm.

**Time:** 1 hour and 50 minutes

**Limits:** Only one 2-person team from each school will be allowed to sit for the online exam. The top 30 team online exam scores will qualify those teams to compete in the practical competition.

## **JUDGING CRITERIA**

**Points:** 100 possible points per team member; 200 possible points towards the team score; each team member will receive half of the team points for their individual scores.

**The online exam is used for qualification only and does not count towards the final event score.** Points will be assigned based on the following criteria:

1. Structural soundness (30%)
2. Neatness and aesthetics (25%)
3. Completeness and accuracy in carrying out the problem (25%)
4. Safe use of tools and equipment (20%)

Time will only be used as a tiebreaker.

**Students are required to bring the following materials to the event:** Gloves, safety glasses, ear protection, two sharpened pencils with erasers, and scratch paper. Students are required to wear long pants, and hard-soled shoes or boots. Note: Teams are required to use the tools provided in the toolbox by the sponsor. No other tools will be allowed.

**Sponsor is required to supply the following materials for the event:**

- All materials required as detailed in the plan for constructing the wooden structure
- 30 copies of the construction plan with instructions
- One toolbox for each team (see below for list of items in toolbox)
- Stopwatches
- Sufficient number of judges and event monitors
- Any other items deemed necessary for this event

*(continued)*

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**Items included in toolbox:** 3/8" electric drill, 1/4" spade drill bit, 50' outdoor electric extension cord, 7 1/4" electric circular saw, 25' tape measure, 9" level, 7" carpenter's speed square, 7/16" combo wrench, and applicable screw tips.