ARCHITECTURAL DESIGN
(Virtual)

Contest Description

This is a California only contest. Competitors that medal at the State level will not compete at Nationals.

Contestants will use their drafting skills to solve an architectural problem. The problem includes creating computer-generated or board-drafted drawings. The contest will challenge the contestants' problem-solving abilities, not simply their drafting skills.

Live Virtual Contest Schedule

Contestants will be issued a portion of the contest one week prior to the live virtual competition on **Saturday, February 20th, 2021 over Zoom at 10 AM**. Contestants will be asked to submit previously completed drawings and any new drawings on the day of the competition. Resumes must be submitted to SkillsUSA California by **February 13, 2021** (details to follow).

Regional Competition Duration

Non-virtual competition: 4 Hours (to be done offline)

Virtual competition: 3 Hours (to be done live online)

Both portions of the contest will assess skill performances by creating 2D architectural design and technical documentation using manual drafting or computer-aided drafting software.

Contest Guidelines

1. Competitors will be required to establish a GMail account for ease of access to Google Docs.

2. Drafting competitors must be familiar with exporting/printing their work in a portable document format (PDF). Most software programs have an integral "Print to PDF" option or Adobe PDF driver loaded into their printer options. If not, there are several open-source PDF writer programs available for free online. We recommend the

following: Foxit Reader: https:// www.foxitsoftware.com/products/pdf-reader/CutePDF
Writer: http://www.cutepdf.com/products/cutepdf/writer.asp

Manually drafted drawings must be scanned and uploaded as a scalable PDF for judging.

3. Competitors may use standard or customized titleblock for their drawings (all drawings will be printed on 11 x 17 paper).

4. All drawings must have their contestant number ONLY when submitted. Any references to school name, location, or competitor's names must be deleted or their drawings will be disqualified. *Drawings must be anonymous for Judging.*

Materials Supplied by SkillsUSA CA
Links to location of the contest problems and Zoom Meeting information. A secured location for accessing, uploading, and saving submitted PDF files.

Materials List Supplied by the Student:

1. Computer with high-speed internet capability and camera to use applications such as Zoom. The minimum recommended internet bandwidth speeds for joining Zoom meetings, accessing on-demand curriculum and other online operations is 2.0 Mbps up and down. You can test your current internet speeds by following this link: https://www.speedtest.net/. Allow the page to load and click on GO.

2. Students who choose to complete their contest using manual drafting tools are required to provide all their drafting equipment and vellum/drawing paper for the competition (3 sheets of 11 x 17). Paper may have pre-printed title blocks on them but all references to school name, location, or student names must be deleted.

3. Computer-aided drafting software that is able to create 2D or 3D design and technical documentation. Software capable of producing renderings or digital models is recommended, but not required.

Clothing Requirements
Official Dress is NOT required for the Regional events. Clothing must be unbranded with no words, images, or logos. SkillsUSA or SkillsUSA California attire is recommended.

All SkillsUSA California contest projects are subject to change due to any unforeseen facility, staffing or site-related issues. Please use these materials as a reference to prepare students for the potential contest project. SkillsUSA California regional and state contest projects are developed by state technical committee members to align with the national technical standards.