

**36th Annual Student Career Days**  
**March 22 – 25, 2012**  
**Kansas State University**

### **3D EXTERIOR LANDSCAPE DESIGN**

**Description:** The student (maximum one individual per school) will design (and model) the exterior landscape, for a proposed commercial building, based on measurements and requirements provided by the judges at the start of the event. The design must include 2D and 3D representation of proposed features, such as plant material, vertical objects (i.e. walls, fences, shade structures) and walking surfaces.

Each participant must submit a properly labeled 2D plan and at least two 3D views. Elements shown in the 2D plan must be directly associated with its representation in 3D (i.e. hybrid objects). Solutions must consider the solar exposure provided in the template file with regard to the choice of plant types and materials used to maximize and/or protect users where sun/shade positions are a factor.

Drawing will be sent to the printer by the judges to be graded. Only prints will be graded. Software for this event is Vectorworks Landmark with Renderworks.

**Time:** 1 hour and 50 minutes

**Limits: The sponsor reserves the right to limit the number of individuals competing based on space constraints.** Schools will be able to compete based on the date their registrations were received and paid for. (Registrations that are received late or have not been paid will be placed on a waiting list.)

### **JUDGING CRITERIA**

**Points:** 100 possible points for the individual score; the individual score is doubled toward the team score for a total of 200 possible points.

Points will be assigned based on the following criteria:

1. Meeting the client's needs (30%)
2. Functional use of horizontal and vertical space (15%)
3. Design principles and creativity (20%)
4. Appropriate use of hybrid (2D/3D) features (10%)
5. Maximized use of 3D views (15%)
6. Graphics: clarity, visual interest, color/textures (10%)

Time stamp on saved drawing will be used only as a tiebreaker.

**Students are required to bring the following materials to the event:**  
The sponsor will provide all material.

(continued)

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

- Software for computers setup and tested
- Base plan template file with pre-set title block and border in sheets
- Loaded and saved to the right location on the computer ready to print
- Design project requirements, site information, etc for property and client
- Stopwatch
- Sufficient number of judges and event monitors
- Any other items deemed necessary for this event