



ASC 2012 Competition

## REGION 7 MIXED-USE PROBLEM PREVIEW

### THE COMPETITION

Morley Builders is proud to be a sponsor of the ASC student competition since its inception. The purpose of the competition is to provide students with an environment that simulates that of the real-life construction industry.

*Region VII Mixed-Use* accurately represents the projects chosen for the competition among Morley Builders wide variety of project types. Those selected for the Mixed-Use Project, although residential in nature, are large, multi-story, complex projects with a mixed-use component.

### THE PROBLEM

Students will experience *“A Day in the Life of a Project Engineer,”* and the problem will closely mirror the actual responsibilities of a Project Engineer on a jobsite.

Teams will be required to have e-mail access and are allowed to use the internet, although no portion of the problem requires it.

Instead of a formal presentation at the oral interviews where team members participate as members of a mock construction company, students will share solutions as if they were Project Engineers and the judges were members of the management team. The format of the orals will be a Team Meeting, and teams should be prepared to discuss the project in that setting.

The problem will assess the teams' understanding of key responsibilities of Project Engineers in our industry including problem solving, written and verbal communication skills, estimating, scheduling, plan reading, bid analysis, LEED, site logistics, shoring and quantity take-offs (RS Means or similar information may be required). Successful teams will display a thorough understanding of the project and provide well thought out solutions to issues and problems issued throughout the competition.

Each team will be provided with two sets of half-size plans and an electronic version. No additional copies will be provided to your school or advisor during or after the competition.

## **PRE-ARRIVAL PREPARATION**

Teams must provide the following at the problem distribution meeting on Thursday morning, February 9, 2012:

1. Team Roster (6 copies)
  - a. One 8½x11 sheet of paper (printed portrait orientation) with each team member's photo on the same sheet
  - b. Passport size photo of each team member on the LEFT side of the sheet with the team member's name beneath each photo
  - c. One primary email address the judges can use to communicate with your team throughout the competition
  - d. Leave white space on the right of the photo for use of the judges
2. Resumes (1 copy)
  - a. Genuine student resumes, each with a passport size photo

## **COMPETITION RULES**

Teams are expected to follow all the rules of the competition as provided on the ASC website.

During the student oral meetings on Friday, Morley Builders will provide an LCD projector for use of the teams. Teams should bring their own laptop.

***Of course, the number one rule of the competition is to have fun during this wonderful learning experience!***