

Design Project
Submittal DP6
Design Drawings

Team: _____
Members: _____

Prepare professional quality drawings of the design with a CAD program. The detail of these drawings must be sufficient to fabricate and assemble the components. Include a 3D rendering created from the CAD program in addition to the isometric drawings of components showing assembly. Show details to clarify component connections, joints, and as otherwise necessary. Assign a part name or number to each individual element. Any hardware purchased off-the-shelf does not have to be detailed (e.g., bolts, pulleys, chain, wheels), except to show how it fits into the design, but a model number is required.

Before submitting the drawings have a team *design review meeting* with all team members present to check the drawings AND make sure that all the components fit together, design specifications and loading conditions have been applied uniformly, etc.

Meeting Date: _____

Attendance: _____

