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:  

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