Work Completed:

Finalized load cell order and submitted. The final choice for a platform material was also made. The part will be quarter inch thick aluminum from Yarde metals in Southington. It arrived Wednesday of this week and will be picked up tomorrow. The final report was adjusted to reflect the current state of the project and plans. As a result several corresponding Autodesk Inventor models had to be changed.

The following plans for machining were also made:

1. The hand rail will be an assembly of 5 parts (3 pipes two elbows) partially seen in the figure below. These will be bought from Home Depot in the following days.

2. The electronics box will be mounted to the side of one of the platform edges and the wires will run to the various load cells underneath the platform. This allows