**CAD Project - Design Report**

Ground Vehicle Chassis with two wheels and one caster wheel

**Parts:**

1. Chassis –

15.0 in X 23.0 in X 1.5 in

1. Axle –

Radius - 0.55 in

Length – 18.00 in

1. Rim –

Outer radius - 2.86 in

Inner radius – 0.54 in

Width – 3.00 in

1. Tyre –

inner radius - 2.87 in

Outer radius - 3.87 in

1. Caster Wheel –

Radius – 1.41 in

1. Caster Wheel Support –

Length – 1.46 in

Width – 1.50 in

**Final Design:**

