# Pre-CAD Plan for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Initial Assumptions:**

**Bulleted Feature Creation Steps (Ex: 1. Top plane Extrude Boss; 2. Right plane Revolve Cut; 3. Face Chamfer; 4. Pattern; 5. Mirror about new Plane 1):**

Starting Planes

1.
2.
3.
4.
5.
6.

2D Sketch(es) from 1st primary feature

**More Details on Primary Features**

**From Step (#):  *\_\_\_\_\_\_***

Sketch Plane: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3D Feature type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Key Feature Details (dimensions/end conditions):

2D Sketch(es) from 2nd primary feature

**From Step (#): *\_\_\_\_\_\_***

Sketch Plane: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3D Feature type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Key Feature Details (dimensions/end conditions):

**From Step (#):  *\_\_\_\_\_\_***

2D Sketch(es) from 3rd primary feature

Sketch Plane: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3D Feature type: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Key Feature Details (dimensions/end conditions):

**Potential Challenges:**