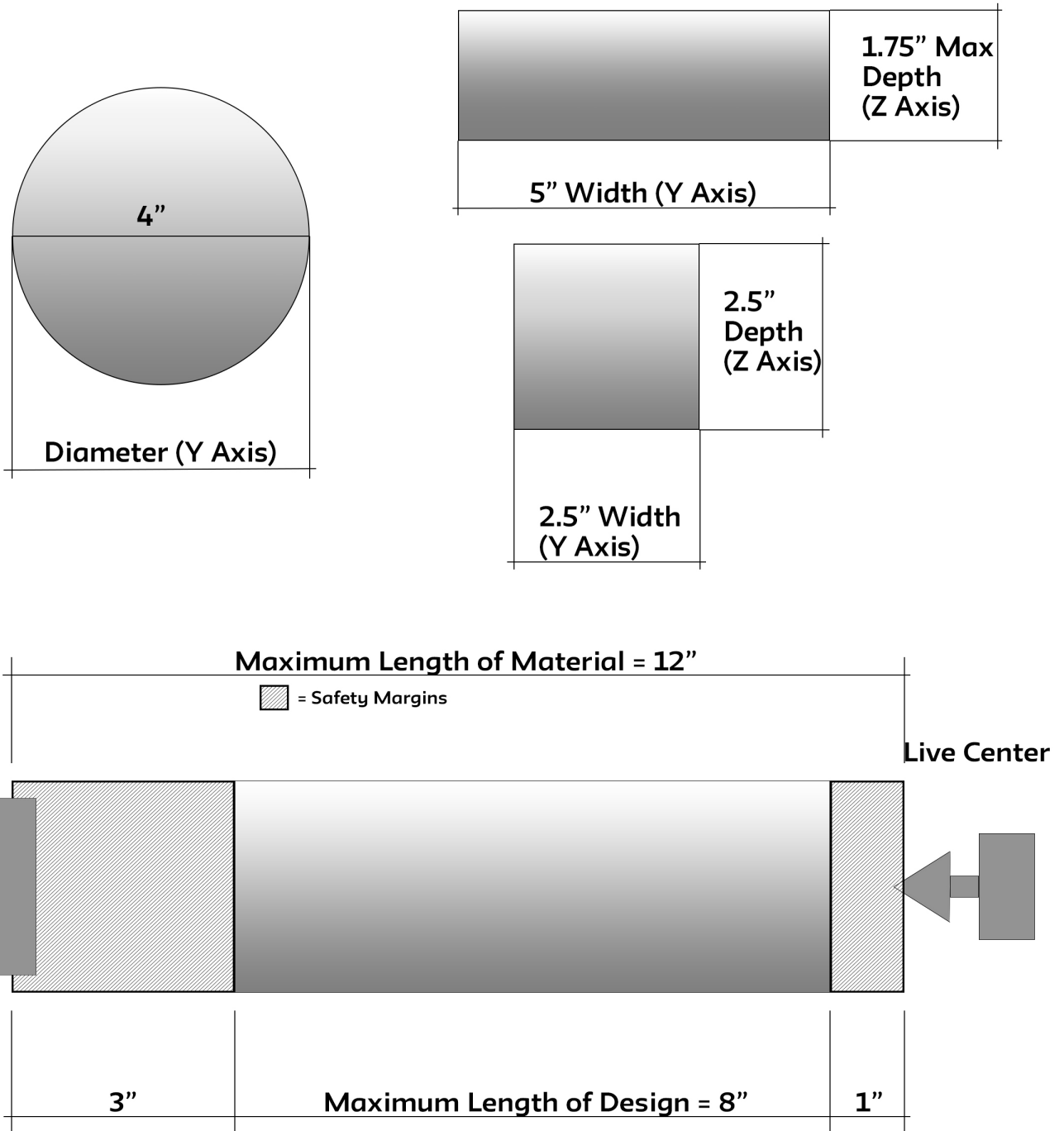# MODEL AND MATERIAL PREP

Please use this guide as well as the rhino and fusion templates (download files located on Parsons Resources for L3 CNC Shop) before scheduling a consultation

PLEASE MAKE SURE YOUR FILE IS SAVED USING INCH UNIT 0.001 TOLERANCE

MATERIAL DIMENSIONS

As seen below these are simple examples of **maximum material dimensioning** you may work with. Please make sure that your material is thick/wide enough as well as long enough to fit your 3D model

4"

Diameter (Y Axis)

1.75" Max Depth (Z Axis)

5" Width (Y Axis)

2.5" Depth (Z Axis)

2.5" Width (Y Axis)

Maximum Length of Material = 12"

☒ = Safety Margins

Clamp

Live Center

3"

Maximum Length of Design = 8"

1"

Your 3D design must be 8" or under in length

Modeling with Tabs

As seen below these are simple examples of making custom tabs attached to your 3D model (in rhino or fusion saved as .stl file). These examples demonstrate various setups that work with the 3" left margin and 1" right margin. (These margins exist for safety and must not include any part of your design.)