

CAD Lab No. 3 Assignment
due FRIDAY March 28th , 2008 at 2:00 P.M.

The following apply to **ALL LABS** (unless specified otherwise):

- Use Line Weight of .6 mm for visible lines
- Use a Line Weight of .3 mm for hidden/dashed lines
- Use a Line Weight of .3 mm for centerlines, center marks, and dimensions.
- Include Standard Border and Title block
- Plot at Scale 1" = 1" and include SCALE note on the hard copy.
- Short Answers (if given) are done with Capital/Vertical engineering lettering.
- Text: Arial Font and LW of .3 mm and Height of 0.125" unless given other specifics for hard copy.

No. 3A) Sectioning Problem – SEE HANDOUT

- Sizes shown are in inches.
- Include Standard Border and Title Block
- Plot at 1" = 1" and include SCALE Note on the hard copy.
- Do NOT include the dimensions, they are for reference only.
- Include the centerlines, Centermarks, and cutting planes as needed.

No. 3B) Sectioning AND Dimensioning Problem – BE SURE TO SAVE YOURSELF WORK BY DOWNLOADING THE FILE: S08_LAB3B.DWG from the class webpage to start with.

- Sizes shown are in inches.
- Include Standard Border and Title Block
- **TURN OFF THE NOTES LAYER** so the instructions are not included in your hardcopy.
- Arrowheads are just angled lines – sizes are approximate.
- Plot at 1" = 1" and include SCALE Note on the hard copy.
- Cutting planes have a lineweight of .9mm
- For the counterbore note – use a GDT font
- **READ AND FOLLOW DIRECTIONS. Follow class standards – see handout for specific settings.**

No. 3C) Dimensioning Problem – BE SURE TO SAVE YOURSELF WORK BY DOWNLOADING THE FILE: S08_LAB3C.DWG from the class webpage to start with.

- Include Standard Border and Title Block
- Plot at 1" = 1" and include SCALE Note on the hard copy.
- **TURN OFF THE NOTES LAYER** so the instructions are not included in your hardcopy.
- **READ AND FOLLOW DIRECTIONS. Follow class standards – see handout for specific settings.**