



American Society of Civil Engineers

2007 Ohio Valley Regional Conference **AutoCAD Competition**

Description

Each competitor must create the given floor plan in model space using the given dimensions and furniture blocks during the allotted time. Layers, appropriate linetypes, and lineweights should be included on the final drawing. A title block and furniture blocks will be provided in the BLOCK.dwg file and must be used on the completed document.

Procedure

1. Set Linear units to Architectural, Precision to 0'0 1/16"
2. Layers should include the following properties:

Layer Name	Object	Color	Lineweight
Dimension	Dimensions	3	Default
Door	Doors	5	Default
Furniture	Furniture	4	Default
Wall-Ex	Exterior Walls	1	0.50 mm
Wall-In	Interior Walls	9	0.35 mm
VPort	Viewport	White	Default

3. In model space, draw the floor plan full scale given the dimensions and the given blocks.
4. Furniture does not need to be exactly placed, but all furniture present in the floor plan should be present in the final copy.
5. In paper space, insert the given title block 1:1. Explode and edit the title block with the competitor name and date of the competition.
6. In paper space, create one (1) floating model space viewport on the VPort layer. Zoom and pan the floor plan in the viewport using the scale given on the title block.
7. After completing your drawing, submit a copy of the plotted drawing and a copy of AutoCAD drawing file.

Judging

There will be 3 judges for this competition with each entry ranked based on overall quality as well as time to finish. The decision of the judges is final.