Basic 2D Views in AutoCad

Dr. John T. Tester
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This short tutorial assumes you already have some sort of 3D model in the “Model Space.”
- Turn on Drawing Layout Toolbar (TB)
  - Select New Drawing icon.
  - Base, Active Part
    - You may need to scale the view (I did) to 0.5
  - Click OK
- At prompt, enter (for example) X for the view, based upon the World UCS XY plane
- An next prompt, the positive direction of the X axis is needed. Enter X for that of the World UCS
- You may get the rotating barrel; LFT-click to get the original UCS and RT-click
  - Watch the UCS symbol change as you click.
- After placement in layout
  - Option to place elsewhere until RT-Click
- If you constrained your geometry, some dimensions appear automatically

There’s another way to do this process
Select the New Drawing icon again
  - Base, Active Part
  - Click OK
  - Select Planar Face" default option at the first prompt
    • Pick the face perpendicular to the negative Y axis
    • At next prompt, pick bottom edge of that face.
  - Again, you are sent to the layout page
  - LFT-click in the place where you want the view to be
    • Click again if it is not exactly where you want
  - Enter or RT-click to finish
Selection of face…  After bottom edge selected, confirmation of UCS with RT-click.

Result at right.
- Alignment with top view assisted by the dashed line
- Accept with RT-click
- The end view not accomplished here
Other activities

Not covered here:
- Section views are easily accomplished with an option in same command
- Dimensioning is straightforward
  - The AMDTACAD “Menu Group” contains the standard dimensioning toolbar
    - Found under VIEW>Toolbars>Customize Toolbars…

Filling out title blocks
- Double-click on blocks necessary for filling:
  - Title
  - Name
  - Scale
  - Material?
  - Others?