

Introduction to  
**AUTOCAD Day 2**  
**Setting Up a Drawing**



# Day 2

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1. Units Command
2. Drawing Limits
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# UNITS Command

1. Choose **Format, Units...**  
or  
**Type** DDUNITS at the command prompt.  
Command: **DDUNITS** or **UN**
2. Choose a units and angle setting.



# Drawing Limits

The drawing limits are two-dimensional points in the World Coordinate System that represent a lower-left limit and an upper-right limit.

The drawing limits also govern the portion of the drawing covered by the visible grid and determine the minimum area a ZOOM All displays.

- 1. Choose** Format, Drawing Limits.  
or  
**Type** LIMITS at the command prompt  
Command: **LIMITS**
- 2. Type** One of the following options  
On/Off/Lower left corner <.000,0.000>: **0,0**
- 3. Type** One of the following options for the  
upper right limit:  
Upper right corner <12.0000,9.0000>: **36,24**



# Plot Scales and Paper Sizes

The following is an example of setting up an AutoCAD drawing for a D size sheet of paper (36 x24) with a scale of 1/16"=1').

1. **Size** the object you're drawing.
2. **Choose** a **border size** (e.g. 36 x 24 plotted, 576' x 384' drawn).  
For some plotters, deduct a 1/2 margin on top, bottom, and left, and a 1 margin on the right.
3. **Set** the drawing **limits** (e.g. lower left limit 0,0. and upper right limit 576', 384').
4. **Set** a **text height** (e.g. for 1/8 notes, multiply by 192 which is the reciprocal of the plot scale 1/8 plotted, 24" drawn).
5. **Set** a **hatch scale** for patterns other than architectural. Hatch Scale = 192
6. **Set** a **dimension scale** (e.g. dimscale = 192)
7. **Set** a **linetype scale** (e.g. ltscale = 96)



## Creating a New Drawing

Creates a new drawing file.

- Click** the **A** icon and New.  
or  
**Press** CTRL + N  
or  
**Click** the New icon.   
or  
**Type** NEW at the Command prompt.  
Command: **NEW**
- Choose** One of the options for creating a new drawing.
- Click** The OK button.
- Save** the drawing as another name.



# Saving Drawings

Saves the most recent changes to a drawing. The first time an unnamed drawing is saved the "Save As" dialog box appears. AutoCAD saves its drawings as files with extensions ending in .DWG.

1. **Click** the **A** icon and Save or Saveas.  
or
1. **Type** **SAVE** or **SAVEAS** at the command prompt.  
Command: **SAVE** or **SAVEAS**
2. **Press** **ENTER**
3. **Type** A new drawing name or keep the existing drawing name.
4. **Click** The OK button.





## Exiting AutoCAD

1. **Click** the **A** icon, Exit.  
or
2. **Type** QUIT at the command prompt.  
Command: **QUIT**
3. **Press** ENTER
4. **Click** Yes to save changes or No to discard changes.



Questions...?