

Done.

Done.

drawings in Paper Space.

General Color

Laver

Thus far, we've been working on drawing in a single view. This view is called Model Space.

Everything drawn here is at 1:1 (full) scale.

Press ESC or ENTER to exit, or right-click to display shortcut menu.

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Press pick button and drag vertically to zoom, ESC or ENTER to exit, or right-dick to display shortcut menu.

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	esign	C     C </th
文 字 間	No selection	Note: if the Plot Style options do not end in .ctb you will need to convert to <b>Color Dependent Plot Styles</b> . Exit out of the print menu (press Cancel) to do this. Note: If you do see .ctb files, skip this step.
	Lineweight ByLayer Thickness 0* 3D Visualization A Material ByLayer Shadow display Casts and Recei Layout A Layout A Page setup name <none> DPI to raster 300 Plot style View</none>	Plot style table (pen assignments)
© II Properties	Misc	While in Model Space or Paper Space: type <b>CONVERTPSTYLES</b> into the command line. Click <b>OK</b> in the window that appears to switch modes.
P. P. C.	lotting viewport 3. lotting viewport 1. ommand: convertpstyles	
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If you skipped the last step, you may skip this step as well.

If you completed the last step and this screen appears, select Cancel.

If it does not appear,

proceed with converting Named plot styles to Color Dependent plot styles.



# **PLOT STYLES**

By selecting Black as the Color option, you are telling the printer to print a line in Black rather than in its "object color" (red, yellow, green, etc). The lineweight setting will translate a color that's been set in Layers into a specified line thickness.











Press pick button and drag vertically to zoom. ESC or ENTER to exit, or right-click to display shortcut menu.

× 1'-0" = 1'-0"

## **PLOT STYLE LOCATION**

Where is this plot style file located? **Only on your computer.** If you plot from another computer, you must remember to *bring a copy of your plot style file along with your drawing file.* Here's where the plot styles are located:

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avorite Links	Name	Date modified	Туре	Size
	Add-A-Plot Style Table	2/17/2010 9:04 AM	Shortcut	1 K
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ACA 2010	D A CH (monochrome	6/4/2002 12:37 PM	AutoCAD Color-d	4 K
AFC Content	D A CH (monochrome	11/27/2000 5:27 PM	AutoCAD Color-d	4 K
Acc Content	LKM	3/25/2010 2:46 PM	AutoCAD Color-d	5 K
Details	Tri-Services Color Map	1/9/2003 10:04 AM	Adobe Acrobat D	9 K

Or, type stylesmanager into the command line. It's good practice to keep a copy of the .ctb file on the flash drive you used for moving files to lab computers for plotting. Be sure to place this file in the appropriate Autodesk folder on the computer you're plotting from.

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You may install the studio plotter drivers directly onto your own laptop, and connect your laptop directly to the plotter for faster plotting (instead of plotting over the network).

HP Designjet 500

http://h20000.www2.hp.com/bizsupport/TechSupport/DriverDow nload.jsp?lang=en&cc=us&prodNameId=377952&taskId=135& prodTypeId=18972&prodSeriesId=25301&lang=en&cc=us

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These links are also available directly from the course website.

### **OTHER TIPS**

If, in the preview mode, some objects do now show up, return to the Layer menu to adjust their settings – ensure the printer icon does not have a slash thru it and that the lightbulb for the layer is turned on.

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# **OTHER TIPS**

Plot Style Table Editor - LKM\_plotstyles.ctb

Ge

If you find that some lines are plotting in shades of gray (or preview as gray) return to the plot style editor window to double-check the **Screening** selection for the line color.

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Insert Ar ota +++-()+(]+) 鍋 炙 当 53 An Linetype Manager To use varying linetypes Linetype filters Load .. Delete (dashed, dotted, centerline, Invert filter Show all linetypes Show details Current etc) in your drawing you'll first x Current Linetype: Continuous need to load them. н Appearance Description Linetype To do so, type **linetype** into ByLayer ByBlock the command line. Select CENTER2 Center (.5x) Show all linetypes from the Continuous Continuous Dashed Line ISO dash pulldown menu in the window, DASHED2 Dashed (.5x) then select Load. An Load or Reload Linetypes acad lin File Available Linetypes Linetype Description Dash dot \_\_\_\_.\_\_. DASHDOT Select a few linetypes from the list that Dash dot (.5x) \_\_\_\_\_ DASHDOT2 appears. Dashed, Dashed 2 and DASHDOTX2 Dash dot (2x) DASHED Dashed Centerline will be useful. Dashed (.5x) DASHED2 You can always add more. DASHEDX2 Dashed (2x) DCW Domestic Cold Water 4 Command: Command: layer OK Help Cancel Command: linetype Architecture - 🗗 Elevation. +0" A 0'-8 1/2", -0'-0 7/16", 0'-0" 12 2 1= 



AutoCAD Architecture 2009 - STUDENT VERSION Week2 AdvTools.dwg PES AL6 ///2000 You may have to adjust the Linetype scale in the Properties menu to ensure lines appear properly in Model Space as well as in a Preview of your final Plot. Check the scale of your linetypes in both these places before beginning a drawing to save time - 🏽 🗶 74 Line making adjustments later. ю в Design General ByLayer Color A-ELEV-R Laver Linetype – – Dashe... 0.00750 Linetype scale Plot style ByColor A 1/8" = 1+0" ▼ A A Medium 1 Display Lineweight ByLayer ed viewports. Hyperlink Thickness 0" Lay shortcut menu. 3D Visualization A 1'-0" = 1'-0" Mediu Material Rul aver

ESC or ENTER to exit, or right-click to display shortcut menu.





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For better visibility, all lines can be set to a single color.

× 

Properties

Note that this block may be placed on top of other elements without affecting them and can be easily selected as a unit.

Blocks may be turned back into lines using the Explode command.

<use first point as displacement>: \*Cancel\* Command:

Command:

714'-8 3/4", 601'-4 1/16", 0'-0"



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Note that the writeblock file you've created is a new AutoCAD .dwg file – it can be used and edited in the same manner you'd use any other AutoCAD file. When inserting a new writeblock into a drawing, a *link* is created so that updated to the source writeblock automatically propagate into the file it's used in.



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🐼 Object Viewer	
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1. The block may be edited at the source file, or from within the drawing it's being used in. 2. Select block, rightclick, select "Block

Editor".

![](_page_42_Picture_2.jpeg)

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Ctrl+1

![](_page_43_Picture_0.jpeg)

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![](_page_44_Picture_0.jpeg)

A polyline is a connected sequence of line segments that function as a single object. Type PL, spacebar to access it. Click on the drawing to begin, using Ortho (F8) as necessary.

Type ARC, spacebar midcommand to add curved line segments. Type L to return to straight lines.

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Return to your original point to complete the shape, right-click and select Enter or Close.

Specify endpoint of arc or

994'-7 3/4", 558'-3 5/8", 0'-0"

- 🗆 X Ortho: 4'-10 3/16" < 90.00° & 1'-0" = 1'-0"▼ A: 込 Medium Detail ▼ Cut Plane: 3'-6" 💽 釜 🦷 [Angle/CEnter/CLose/Direction/Halfwidth/Line/Radius/Second pt/Undo/Width]: 1 Specify next point or [Arc/Close/Halfwidth/Length/Undo/Width]:

Architecture The Elevation: +0"

Specify next point or [Arc/Close/Halfwidth/Length/Undo/Width]:

![](_page_45_Picture_0.jpeg)

AutoCAD Architecture 2010 - STUDENT VERSION 🛛 SampleProjectLdwg 🕨 👫 🔍 🛬 🛧 🕐 -

Rende

Puild To add hatch, type BH, spacebar. Select a pattern from the pulldown menu. Click Add: **Select Objects** You'll be brough to your drawing to choose objects to hatch When done, right-click, Enter. Click Ok

Command: rec RECTANG Specify first corner Specify other corner

968'-7 3/16", 570'-8 1/16", 0'-0"

Command: bh

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Hatch Gradient			Boundaries	Elevation Details
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![](_page_47_Picture_0.jpeg)

When is it appropriate to use patterns in a drawing?

Very, very, very rarely for the same reasons we don't use green grass and lifelike tress in architectural models.

PATTERNS

Patterns often distract from overall design ideas and prevent the ability to customize the overall layout of the elements.

For your drawings, you may only use hatch patterns in a limited manner, in a very light lineweight.

![](_page_48_Figure_4.jpeg)