

#### **AutoCAD:** Drawing Layouts

**Viewports / Layouts** 

#### • Open: ACAD III

• Save-As: ACAD VI

# File Management

**Viewports / Layouts** 

#### Layouts (General Information)

#### Select:

- Layout <rmb>
- Note: Options
  - New
  - From Template
  - Page Setup



# Switch to Layout 1

• Select Layout 1



**Viewports / Layouts** 

# **Display (Verify Settings)**

- Paper / Model
  - (Should be checked)
- Other
  - Notice Options

		$\checkmark$	Cursor Coordinate Values					
			Status Toggles	- <b>+</b>				
ons		$\checkmark$	Paper/Model					
		$\checkmark$	Quick View Layouts					
		$\checkmark$	Quick View Drawings					
		$\checkmark$	Viewport Maximize					
		$\checkmark$	Annotation Visibility					
		$\checkmark$	AutoScale					
		$\checkmark$	Workspaces					
		$\checkmark$	Display Locking	ł				
		$\checkmark$	Display Performance					
	_	$\checkmark$	Clean Screen (Ctrl+0)	[				
			Drawing Status Bar		-			
			Tray Settings	1				_
					PAPER 📐 🖳	ふえの	£ 🔍 🐯 🖓 🔻	

**Viewports / Layouts** 

# **Model Space**



# **Paper Space**

- Select: Paper <
  - Size = 8.5 x 11
  - Verify Paper
  - Zoom / Pan
  - Notice motion



# **Viewports:**

Review:

- Control
- Properties / Quick Properties
- Command: <u>Vport</u>
  - New
  - Single
  - Other

Home Blocks	& References	Annotate	Tools	View	Output
	*Active Model C	Configuration*	× (	lamed I	New D
UCS 🔺		Vie	wports		

AutoCAD 2	2009 - NOT FOR RESALE Mview-final.dwg	Type a keyword or phrase
Home Blocks & References Annotate Tools Vice Output	Vault ca	n
	Totol     Properties     Sweet Set     Continue     Properties     Sweet Set     Continue     Properties     Sweet Set     Continue     Properties     Sweet Set     S	Text Windows Dements
	wport Op	
	hank barrer toget i hank barrer toget i hank bit i to every towned to rai Layers with rol Clayet State at ChrX ky bit is in Chry Christian at ChrX the Chry Christian at Chry Chry Chry Christian at Chry Chry Chry Chry Chry Chry Chry Chry	
	Vexport v 🛞	
() Model), Layout1 / Layout2 /	Printed and a second se	Plot and Publish Job Complete
Command: Specify opposite corner:		No errors or warnings found
Command : ps weepot objects		Cack to vew pot and puttern details

Viewports			
New Viewports	Named Vie	wports	
Current name:	*Ac	tive Model Config	ration*
Standard view Active Mode Single Two: Vertica Two: Horizo Three: Right Three: Left Three: Above Three: Below Three: Below Three: Horizo Four: Equal	rports: I Configuration I I I I I I I I I I I I I	on*	View "Current" Visual style: 2D Wireframe
Viewport Spa	cing:	Setup:	Change view to: Visual Style:
0.00	4 >	2D	Current* ZD Wireframe
			OK Cancel Help

### **Viewport Scale**



**Viewports / Layouts** 

# **Insert a border**

- Switch to PAPER
- New Layer: Titleblock
- Command: *mvsetup* 
  - Title Block
  - Insert
  - 7 (ANSI-A)
  - <enter>
- Hide Viewport
  - Drag the corners of the viewports
  - Or work with layers



# **Position views**

- Switch to Model Space
- Erase text
- Pan the view
- Verify VP Scale
- Lock Viewport



**Viewports / Layouts** 

# "Complete" Titleblock

- Switch to paper
- Multiline Text
  - Font, Bold, Justification
- Copy / Paste / Modify previous

			TSM 216	   
Jim Shahan	SIZE	FSCM NO.	DWG NO.	
			Autocad - Finitout	

**Viewports / Layouts** 

# Page setup

Current l	ayout: Layout1	i <u>Learn about the</u> Page Setup manager
Page setups Current page	<none></none>	
*Layout1*		Set Current New Modify Import
Selected page set	up details	
Device name:	None	
Plotter:	None	
Plot size:	8.50 x 11.00 inches (Lands	cape)
Where:	Not applicable	
Description:	The layout will not be plott configuration name is seled	ed unless a new plotter cted.

- Click the right mouse button
  - Select Page Setup Manager
  - Modify Layout 1

	New layout					
	From template					
	Delete					
	Rename					
	Move or Copy					
	Select All Layouts					
	Activate Previous Layout					
	Activate Model Tab					
	Page Setup Manager					
	Plot					
$\backslash$	Import Layout as Sheet					
	Export Layout to Model					
<u> </u>	Hide Layout and Model tabs	_				
Model ) La	ayouti / Layoutz /					
. PSPA	ACE					

**Viewports / Layouts** 

# Page Setup – Layout1



## Printing

#### • Plot

- Verify Settings
  - Same as page setup

Note: this will plot the layout as Large as possible on the printout.

Page Setup	o - Layout1		
age setup			Plot style table (pen assignments)
Name:	<none></none>	DWG	monochrome.ctb
Printer/plotter			Display plot styles
Name:	Canon S330	Properties	Shaded viewport options
Plotter:	Canon S330 - Windows System Driver -	by Autodesk	Shade plot As displayed 👻
Where:	USB001		Quality Normal
beschption			DPI 300
aper size			Plot options
Letter		~	Plot object lineweights
lot area		Plot scale	Plot with plot styles
What to plot:		Fit to paper	✓ Plot paperspace last
Extents	~	Scale: Custom	Hide paperspace objects
lot offset (ori	gin set to printable area)	1 inches 💙 =	Drawing orientation
<b>x:</b> 0.1756	12 inch Center the plot	1.071 units	🔘 Portrait
	00 inch	Scale lineweights	Landscape
Y: 0.0000		ordite intervergints	Plot upside-down
Y: 0.0000			

#### **ASSIGNED: UPDATE PREVIOUS**

ACAD III

**Viewports / Layouts** 

# **Final Dimensions**

- Layers
  - Color
  - Linetype
  - Lwt
- Dimension Style
  - Precision
    - Style Control most
    - Properties Control special
  - Scale
  - Center Mark
  - Centerlines
- Dimension Edit
  - Text Override



#### **Final printout**



**Viewports / Layouts** 

# RECOMMENDED

Exam Practice / Preparation

**Viewports / Layouts** 

#### Final printout – ACAD I



**Viewports / Layouts** 

### Final printout – ACAD II



**Viewports / Layouts**