



# Dicas da Rosa AUTOCAD 2022

Rosa Katori

06/2021



Dicas Autocad 2022 - Rosa Katori de Rosa Katori está licenciado com uma Licença Creative Commons - Atribuição-NãoComercial-SemDerivações 4.0 Internacional.

<http://creativecommons.org/licenses/by-nc-nd/4.0/>

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

Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

Grid

Isometric

3D View

2D View

Isometric

3D View

2D View

Isometric

3D View

2D View

Isometric

3D View

2D View

Isometric

3D View

2D View

Isometric

3D View

2D View

Isometric

3D View

2D View

Isometric

3D View

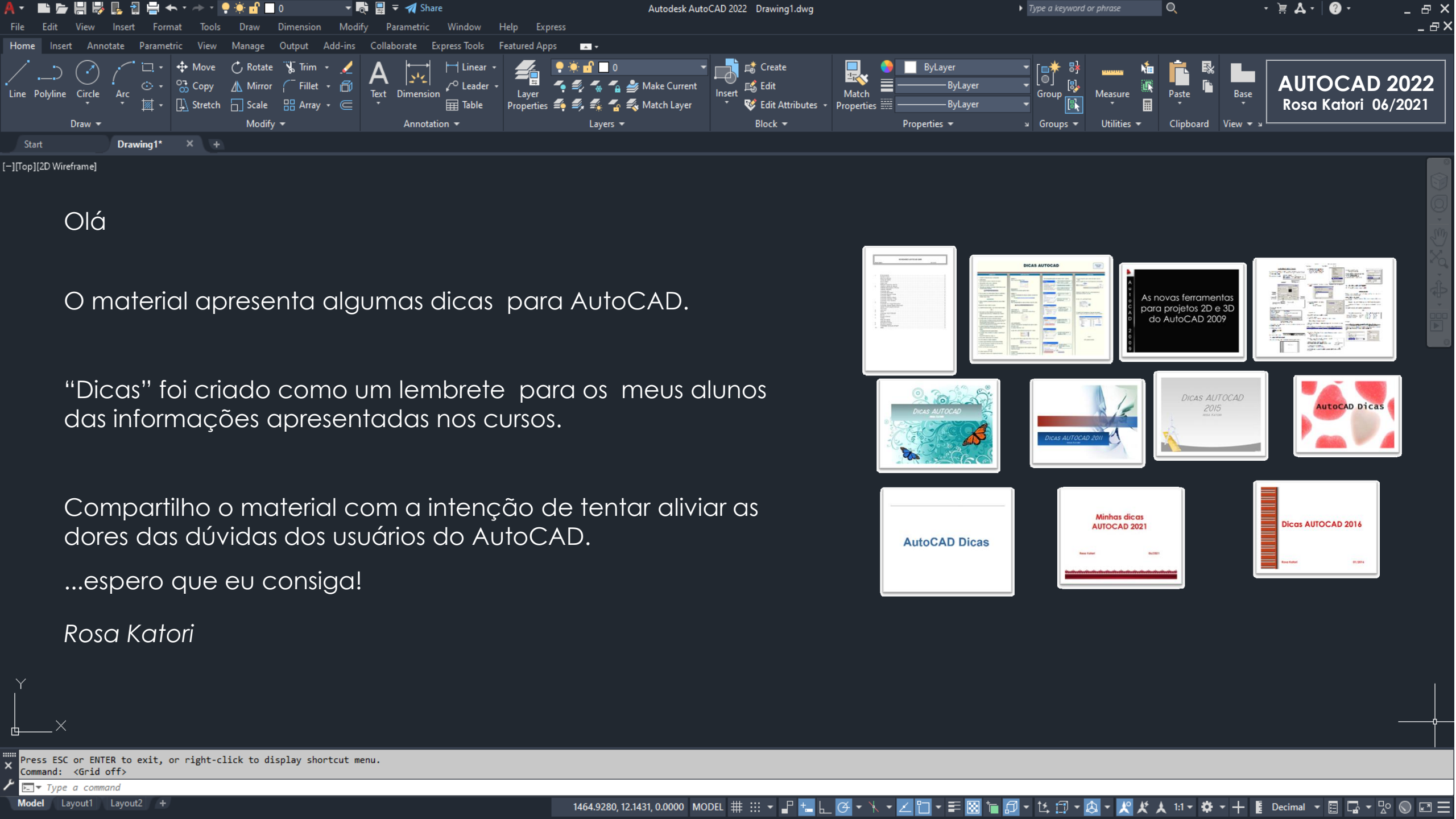
2D View

Isometric

3D View

2D View

Isometric



Olá

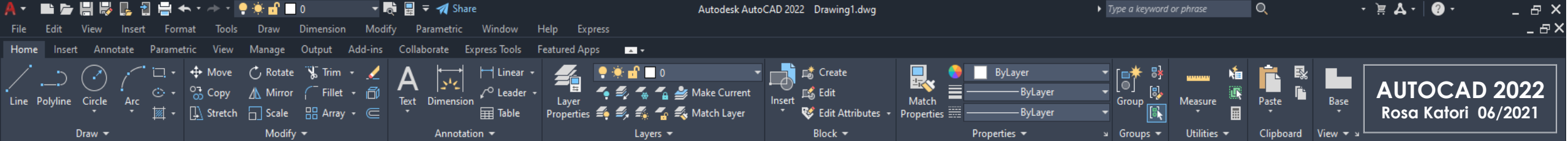
O material apresenta algumas dicas para AutoCAD.

“Dicas” foi criado como um lembrete para os meus alunos das informações apresentadas nos cursos.

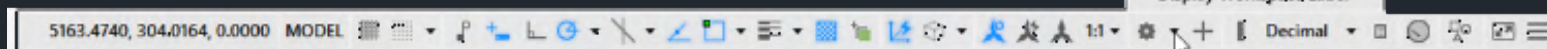
Compartilho o material com a intenção de tentar aliviar as dores das dúvidas dos usuários do AutoCAD.

...espero que eu consiga!

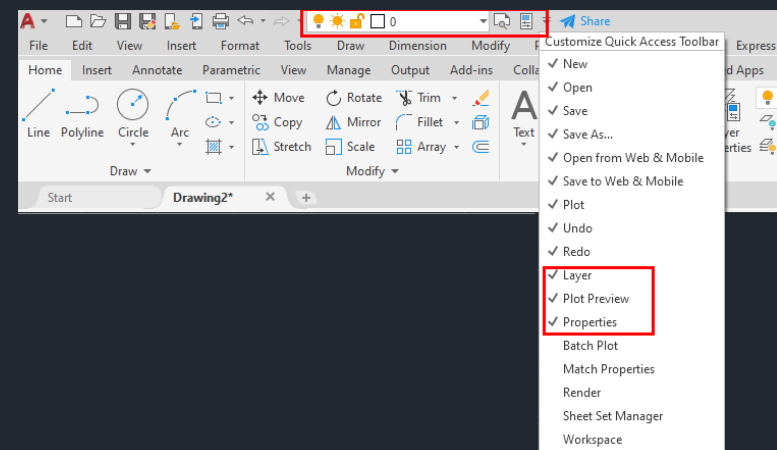
Rosa Katori



- Escolha o Workspace:  
Drafting & Annotation = ambiente 2D  
3D Basics e 3D Modeling = ambiente 3D



- Acrescentar ferramentas na barra Quick Access:  
Exemplo: Plot Preview, Properties e Layers.



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

Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

1:1

Decimal

1:1

Decimal

1:1

Decimal

1:1

Decimal

1:1

Decimal

1:1

Decimal

1:1

Decimal

1:1

Decimal

1:1

Decimal

1:1

Decimal

1:1

Decimal

1:1

Decimal

1:1

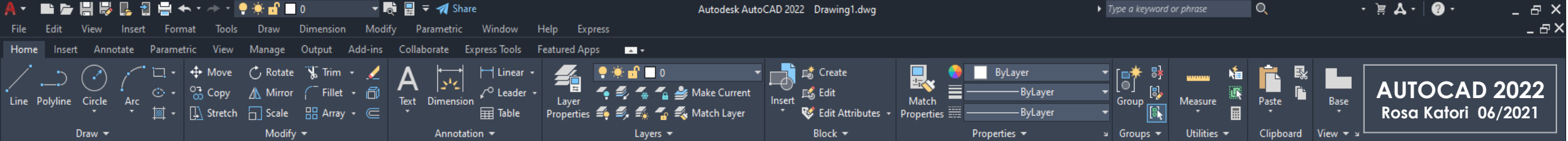
Decimal

1:1

Decimal

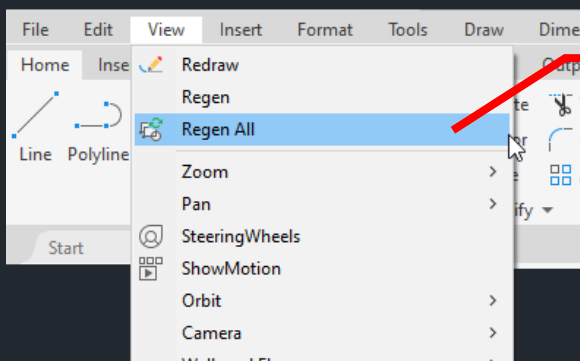
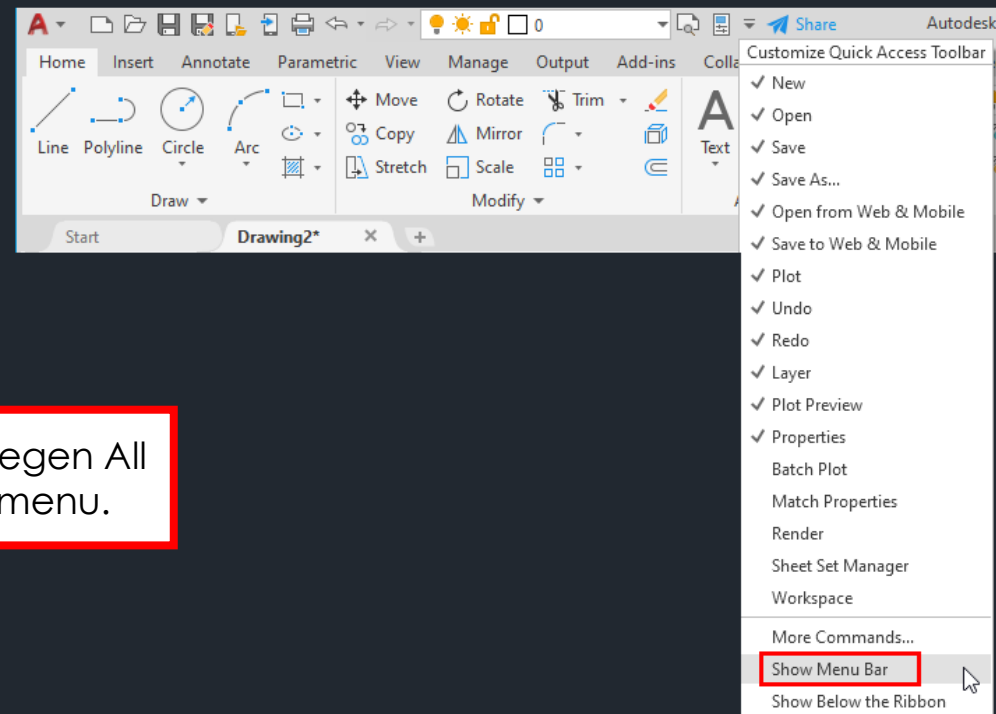
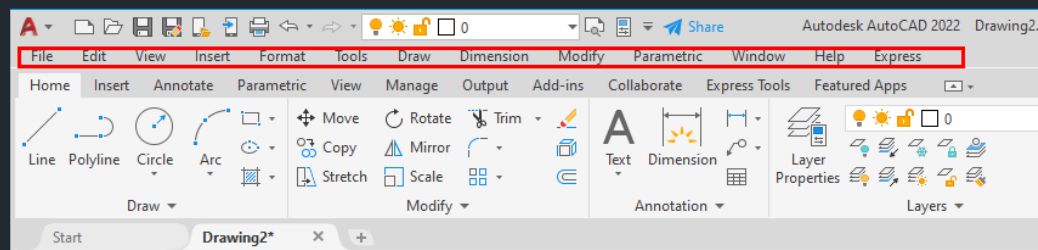
1:1

Decimal



[--][Top][2D Wireframe]

- Ative a barra de menu para facilitar o acesso de alguns comandos



Acesso ao comando Regen All através da barra de menu.

Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command  
Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

1:1

Decimal

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

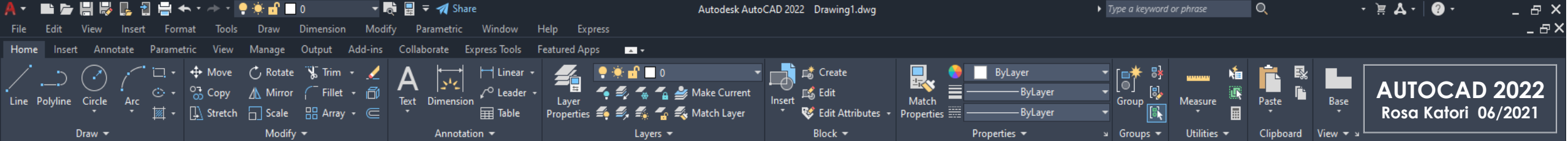
1:1

1:1

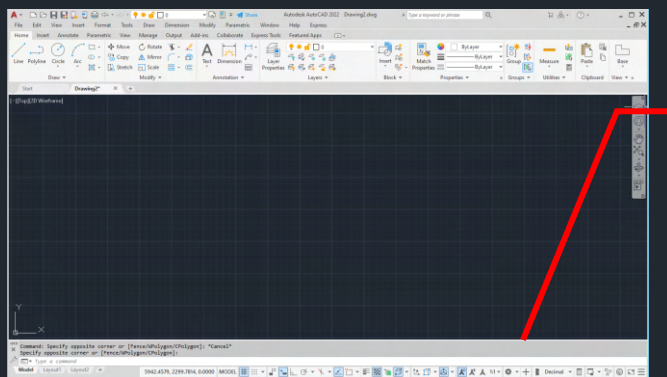
1:1

1:1

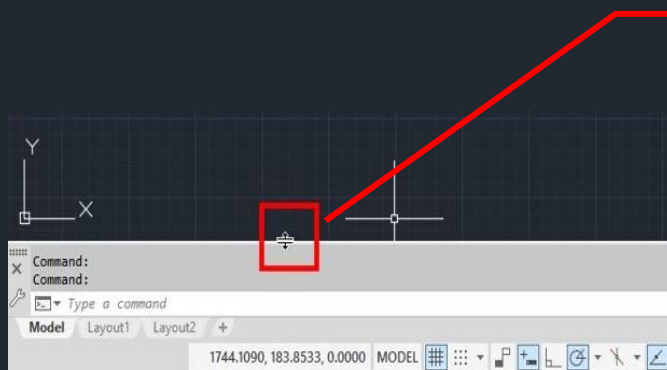
1:1



- Posicione e configure a linha de comando:



Linha de comando posicionada na parte inferior da tela

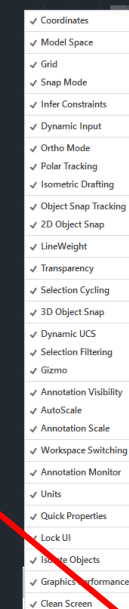


Ajuste a quantidade de linhas visíveis. Por padrão, duas a três linhas visíveis acima da linha de comando são suficientes para apresentar as informações necessárias. Posicione o cursor do mouse sobre a bordada linha de comando e arraste para cima. Observe o ícone do cursor.

- Configure a barra de Status:

As opções Dynamic UCS, Selection Filtering, Gizmo são indicadas para o ambiente 3D.

Clique para expandir o menu



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

Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

#

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

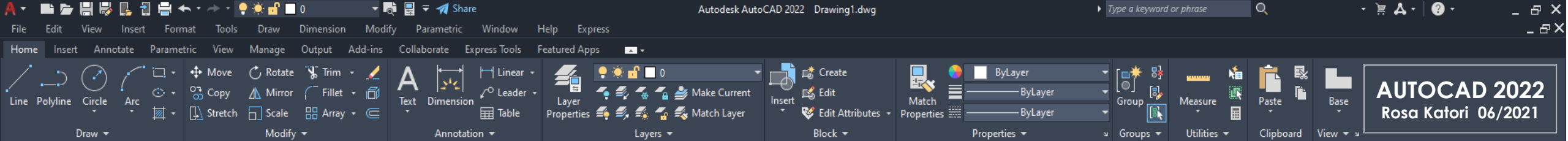
:

:

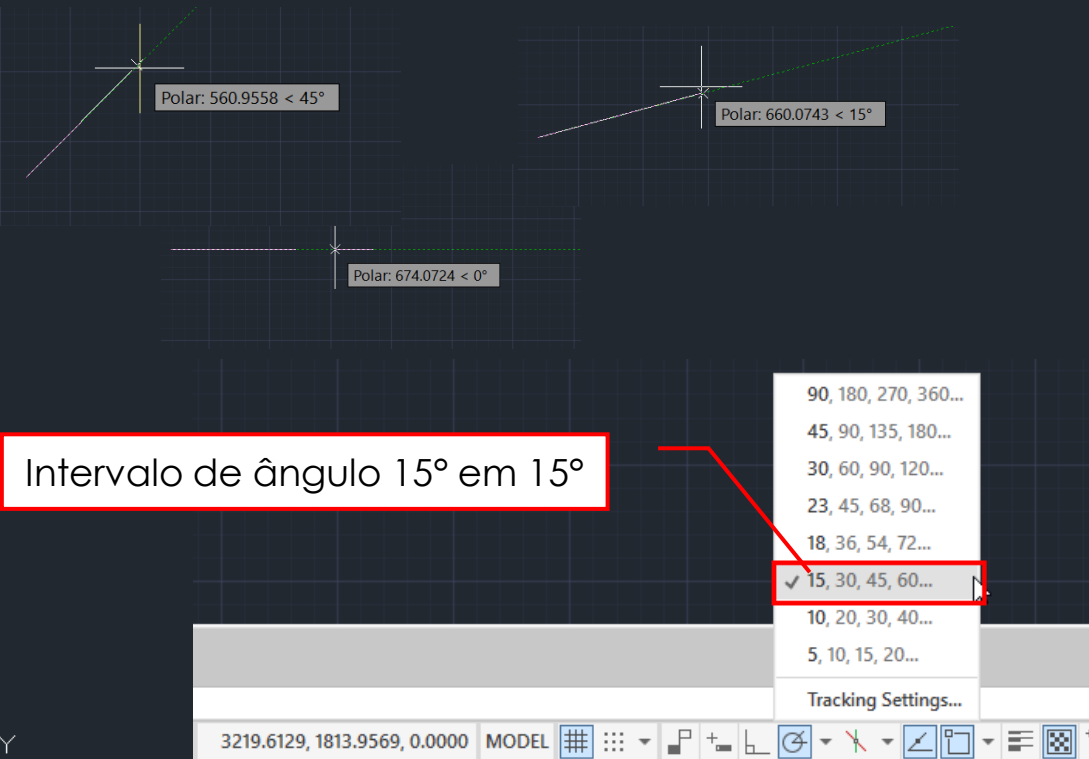
:

:

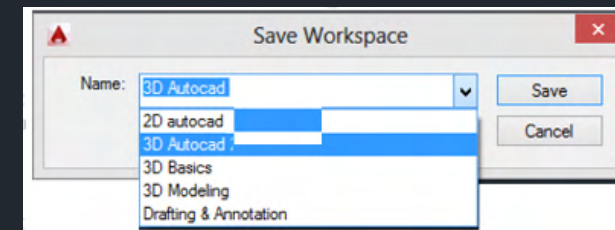
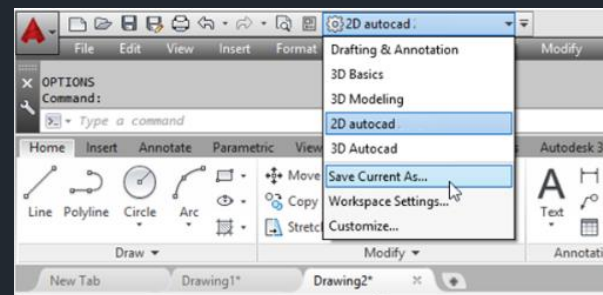
:



- Determine o ângulo de incremento em Polar Tracking



- Salve o Workspace:  
Após “arrumar” a tela do AutoCAD, salve o workspace .



- Se você desconfigurou a tela do AutoCAD:  
Reative o Workspace Drafting & Annotation:  
Ative outro workspace, exemplo: 3D Modeling e  
depois ative novamente Drafting & Annotation.

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

Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

Model

1:1

Decimal

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

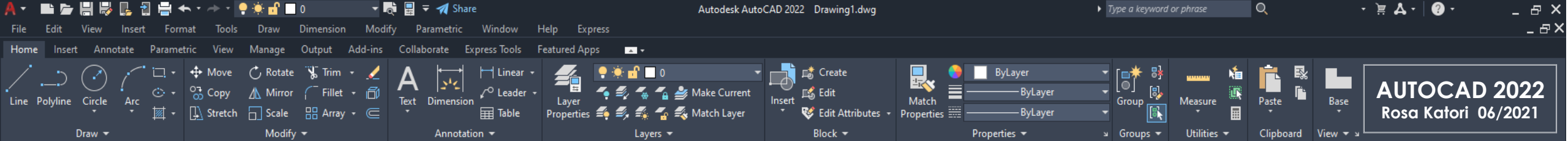
1:1

1:1

1:1

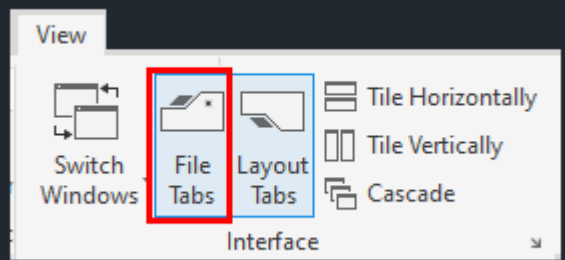
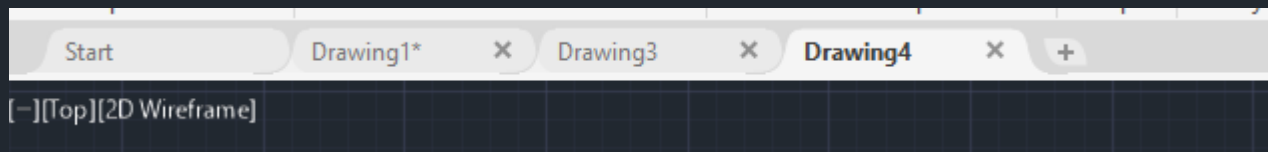
1:1





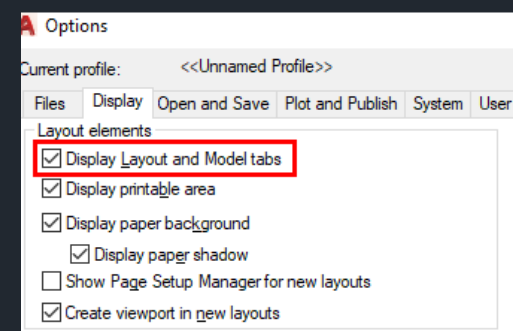
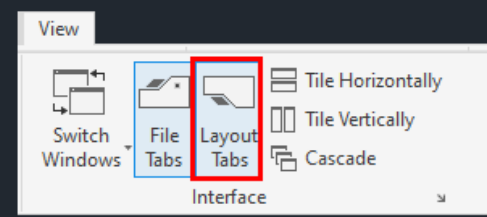
**AUTOCAD 2022**  
Rosa Katori 06/2021

- Controlando as guias do arquivo na parte superior da área de desenho

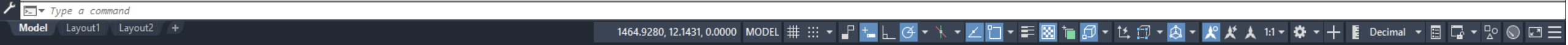


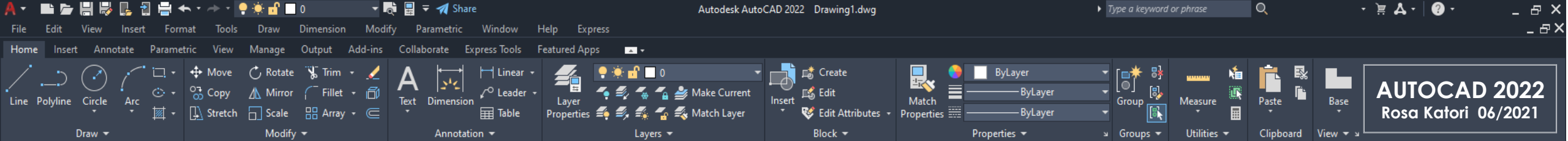
Comando FILETAB para ativar as guias  
Comando FILETABCLOSE para desativar as guias

- Ativando as abas Model e Layout



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

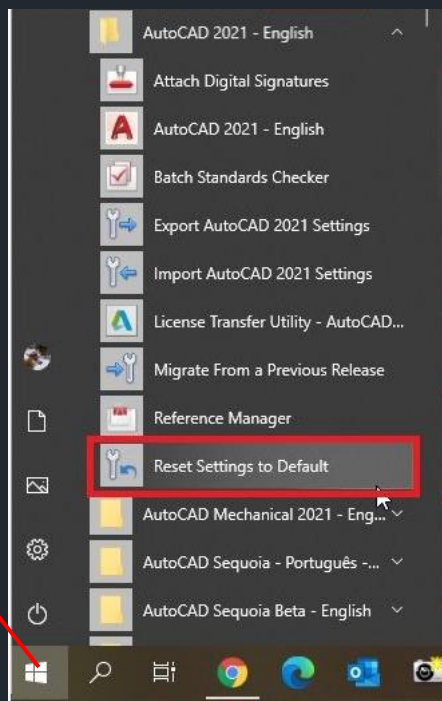




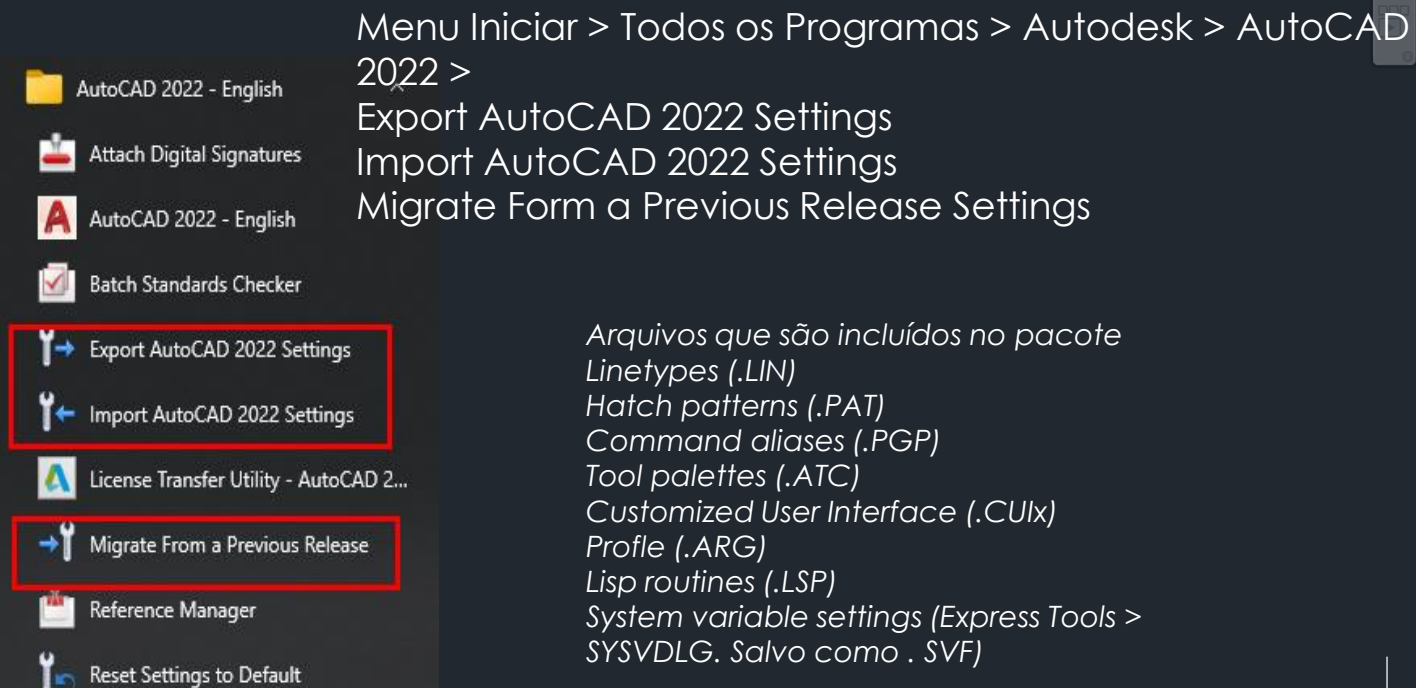
[--][Top][2D Wireframe]

- A ferramenta Reset Settings to Default restaura a configuração padrão do AutoCAD

Acesse o menu Iniciar e procure a pasta AutoCAD



- Para transferir a sua configuração do AutoCAD para outro computador em um arquivo no formato ZIP.



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

Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

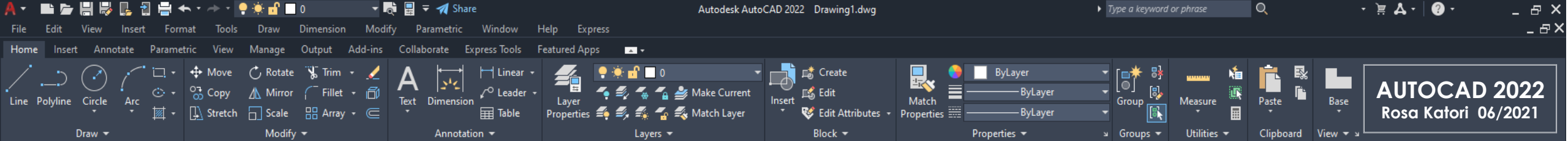
---

---

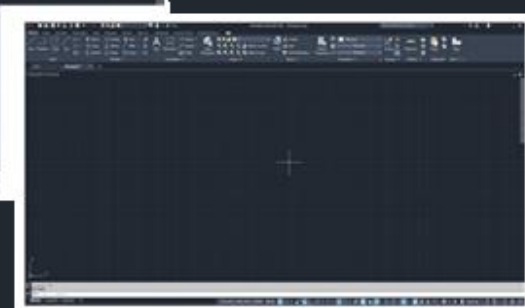
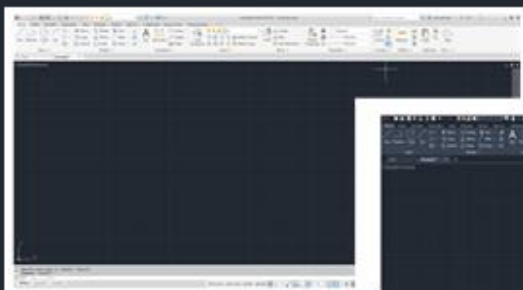
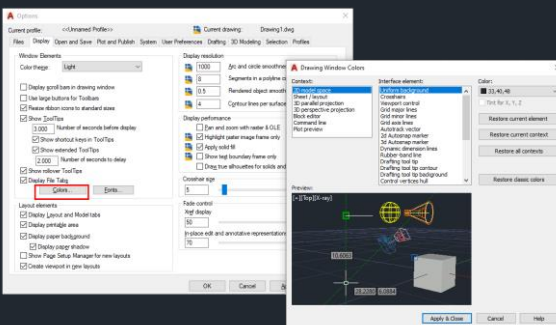
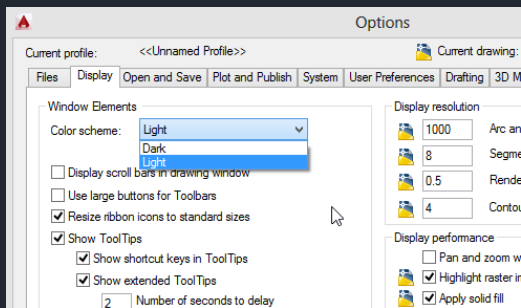
---

---

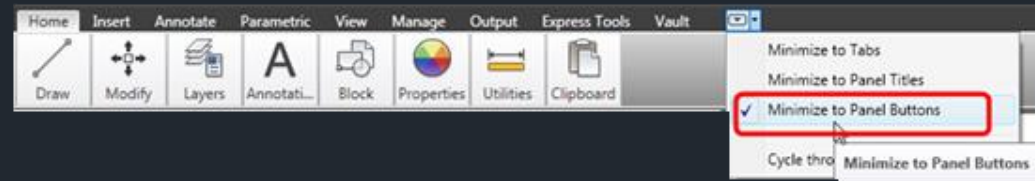
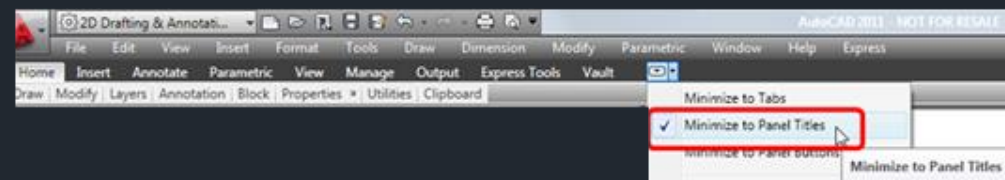
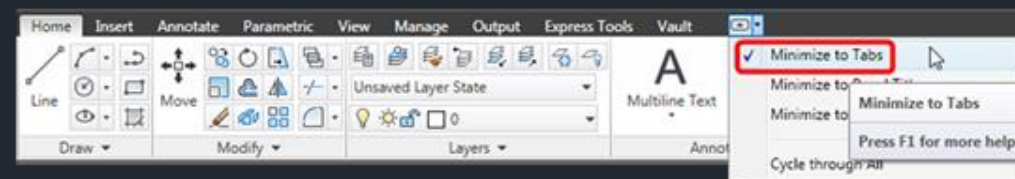
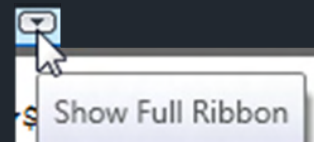




- Alterando a cor da interface, ribbons, etc.



- Controlando a apresentação dos Ribbons



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

1:1

Decimal

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

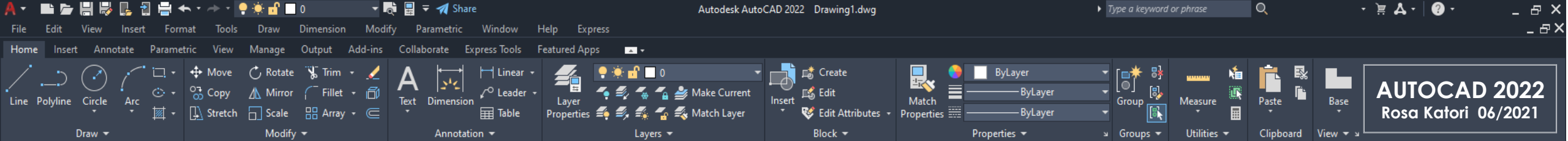
1:1

1:1

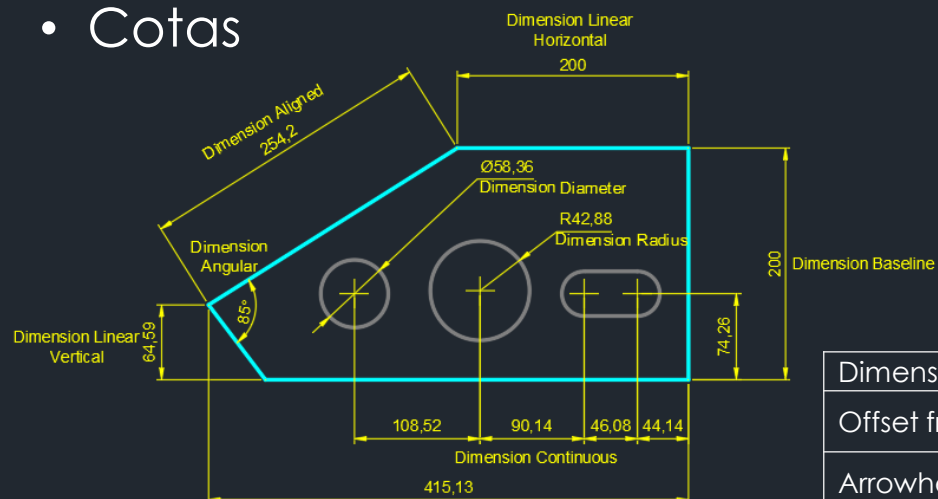
1:1

1:1

1:1

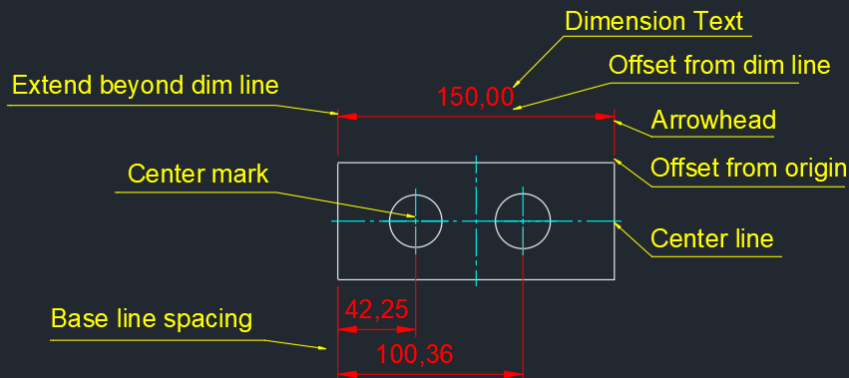


## Cotas

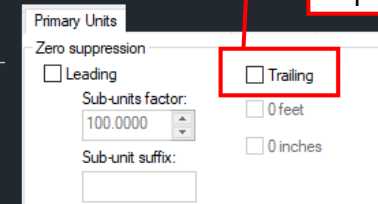


### Sugestão para criar um estilo de cota

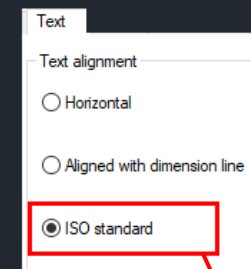
Text height (altura do texto)	3 mm
Arrow size (tamanho da seta)	3 mm
Offset from origin	1 mm
Offset from dim line	1 mm
Extend beyond dim line	1 mm
Baseline spacing	6 mm



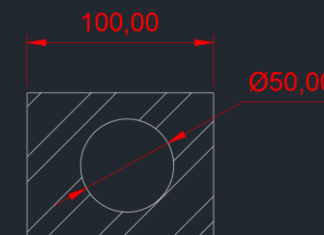
Dimension Text	Texto da cota
Offset from dim line	Distância entre o texto e a linha de extensão
Arrowhead	Tipos de seta
Offset from origin	Distância entre a linha de extensão e o desenho
Center line	Linha de centro
Dimension line	Linha de dimensão (horizontal)
Extend beyond dim line	Linha que ultrapassa a linha de dimensão
Extension line	Linha de extensão
Center mark	Marca de centro
Base line spacing	Distância entre as cotas para o comando DimBaseline



Controla a exibição do zero após a vírgula.



Alinha o texto horizontalmente.



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

...

P

L

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

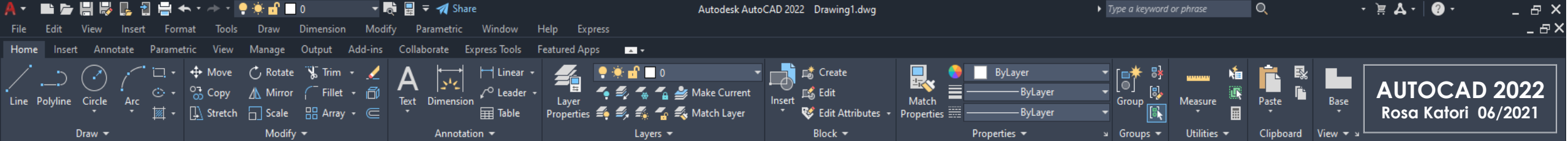
...

...

...

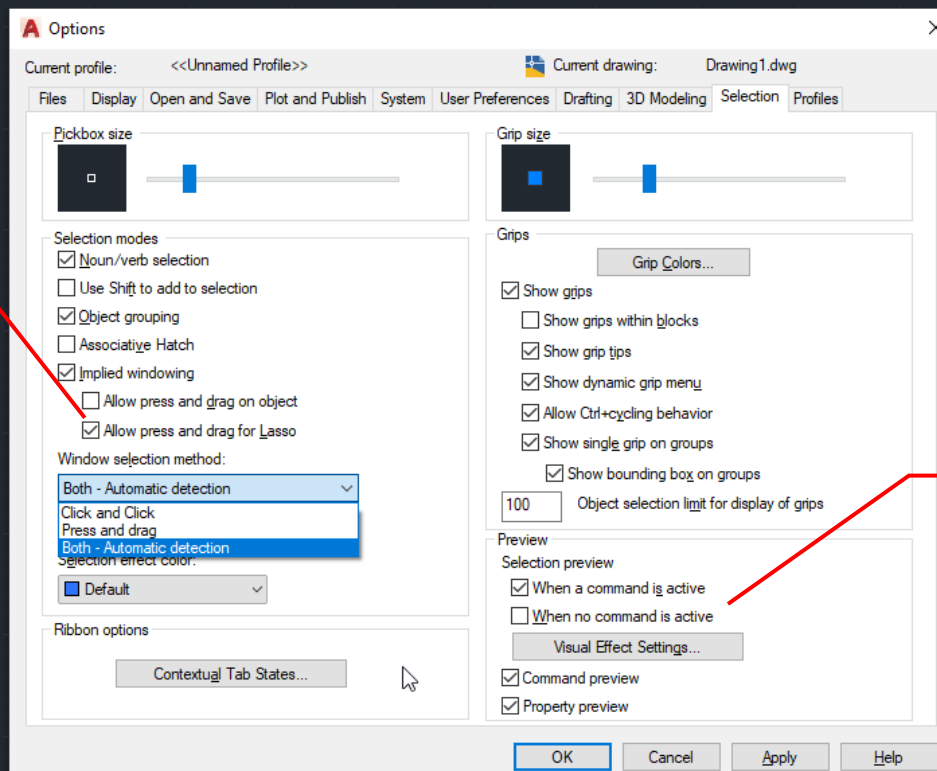
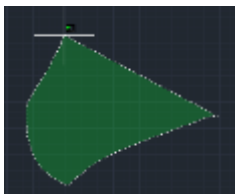
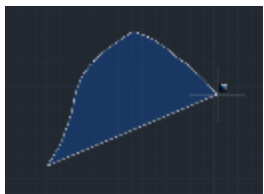
...

...



## • Controlando modo de seleção

“Allow press and drag for Lasso”  
Controlar o modo de seleção Lasso.



“When no command is active”  
Não selecionar o objeto sem o comando ativado.  
Evita a pré seleção dos objetos ao “passar” o cursor do mouse sobre estes.



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

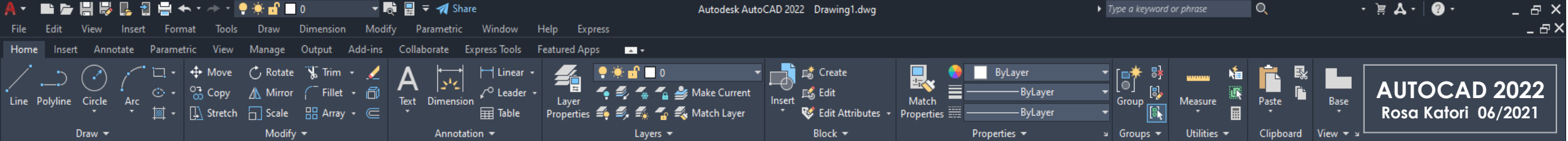
...

...

...

...

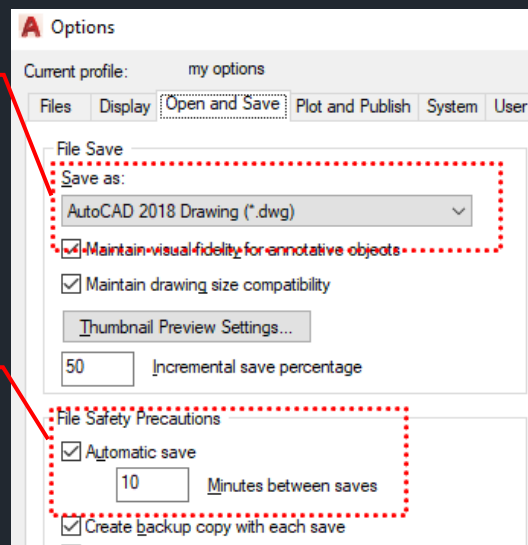
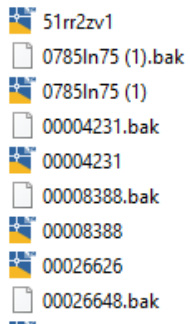
...



## • Salvando o arquivo

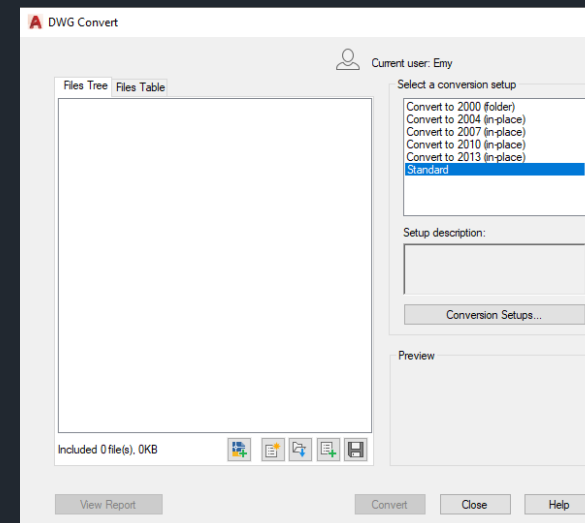
Versão do AutoCAD para salvar os arquivos.

Tempo para Automatic Save. Opção para criar o arquivo BAK.



## • Comando DWGCONVERT Converter arquivos DWG do AutoCAD entre os formatos:

AutoCAD 2013  
AutoCAD 2010  
AutoCAD 2007  
AutoCAD 2004  
AutoCAD 2000



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

#

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

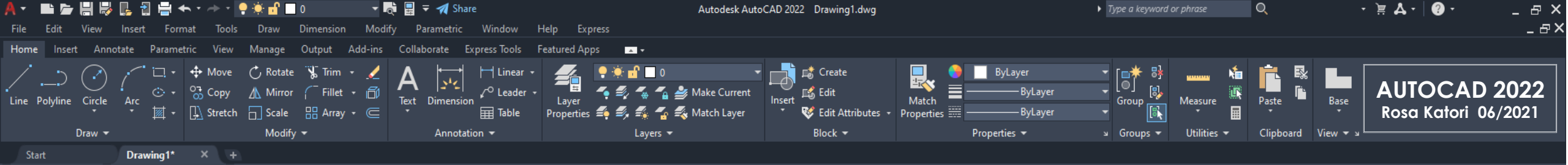
:

:

:

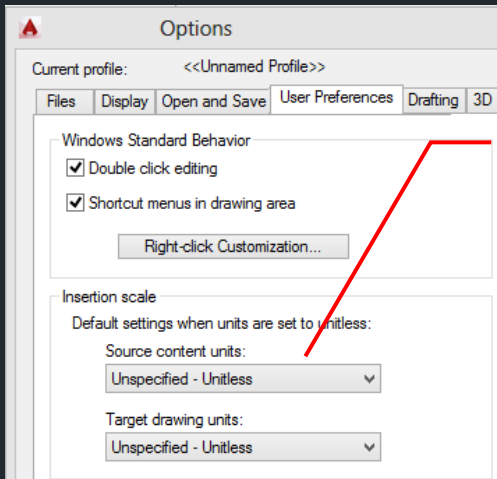
:

:

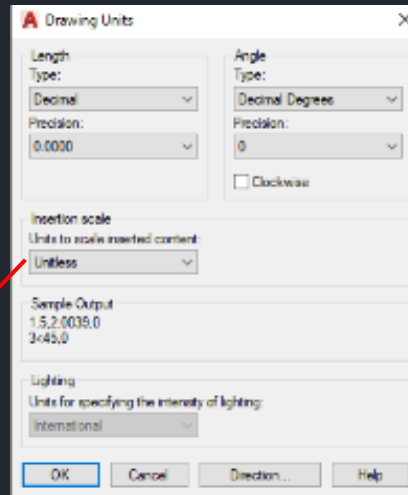


**AUTOCAD 2022**  
Rosa Katori 06/2021

- Controlando a unidade do bloco para evitar alteração no tamanho

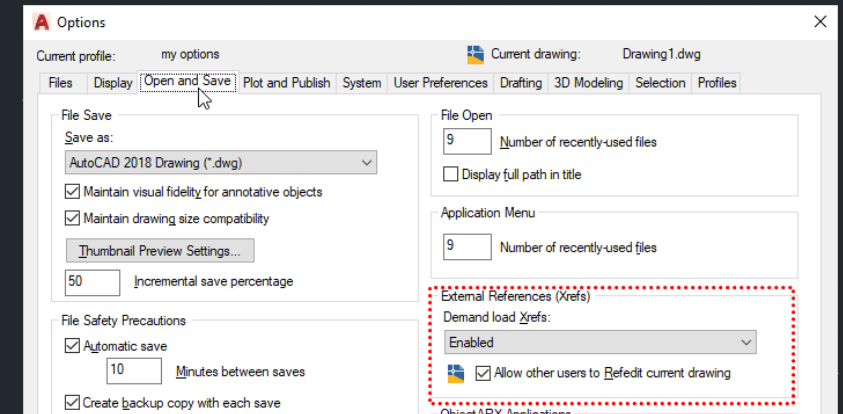


Controla a unidade para a inserção do bloco na origem e destino.



Unitless determina que bloco inserido não será redimensionado para nenhuma unidade.

- Controlando o estado da visibilidade e as cores dos Layers em XREF



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command  
Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

1:1

Decimal

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

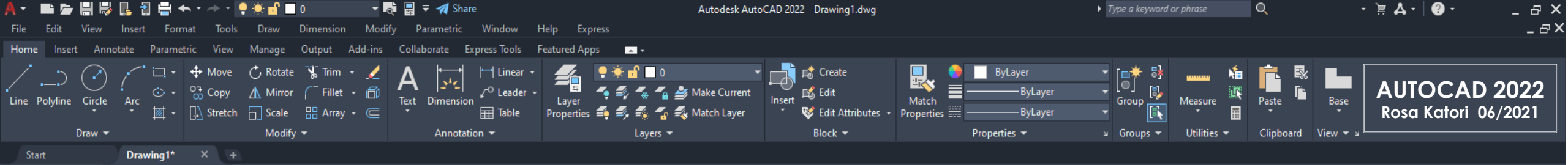
1:1

1:1

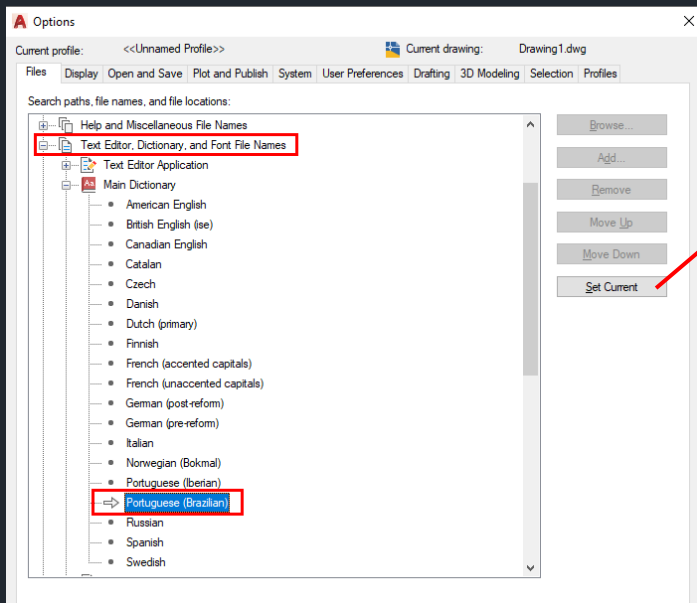
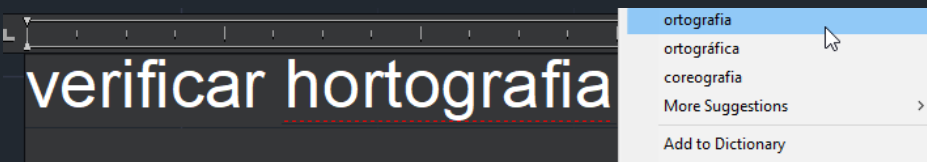
1:1

1:1



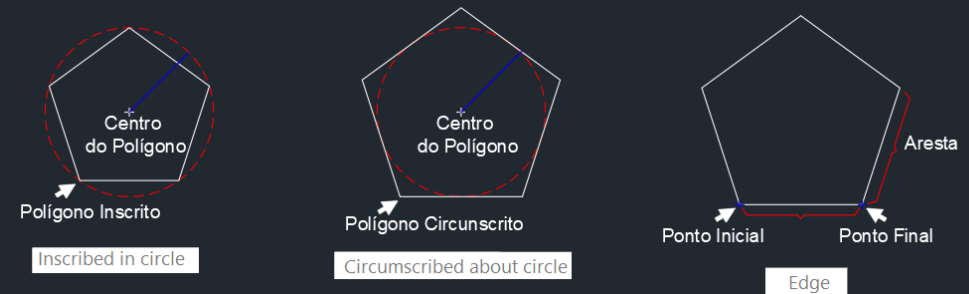


- Determinando o dicionário Português e verificando ortografia

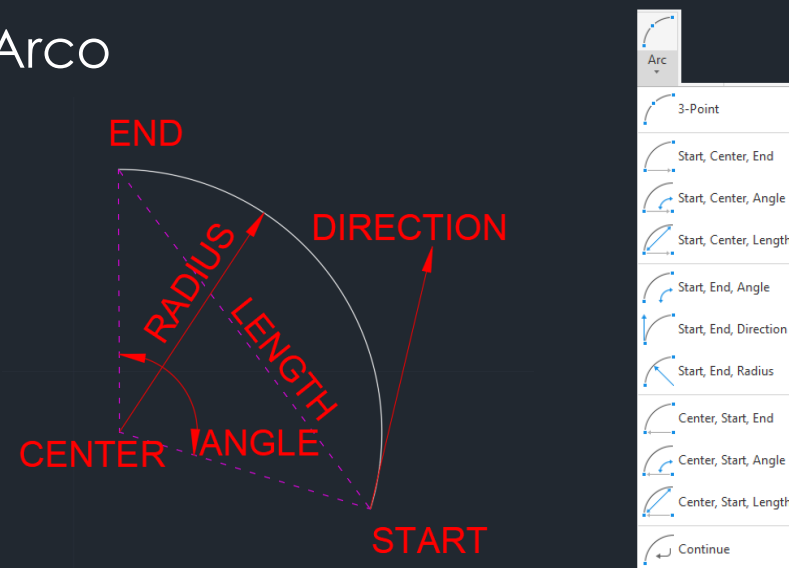


Selecionar o idioma,  
clicar em Set Current.

- Polígono



- Arco



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

Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

1:1

Decimal

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

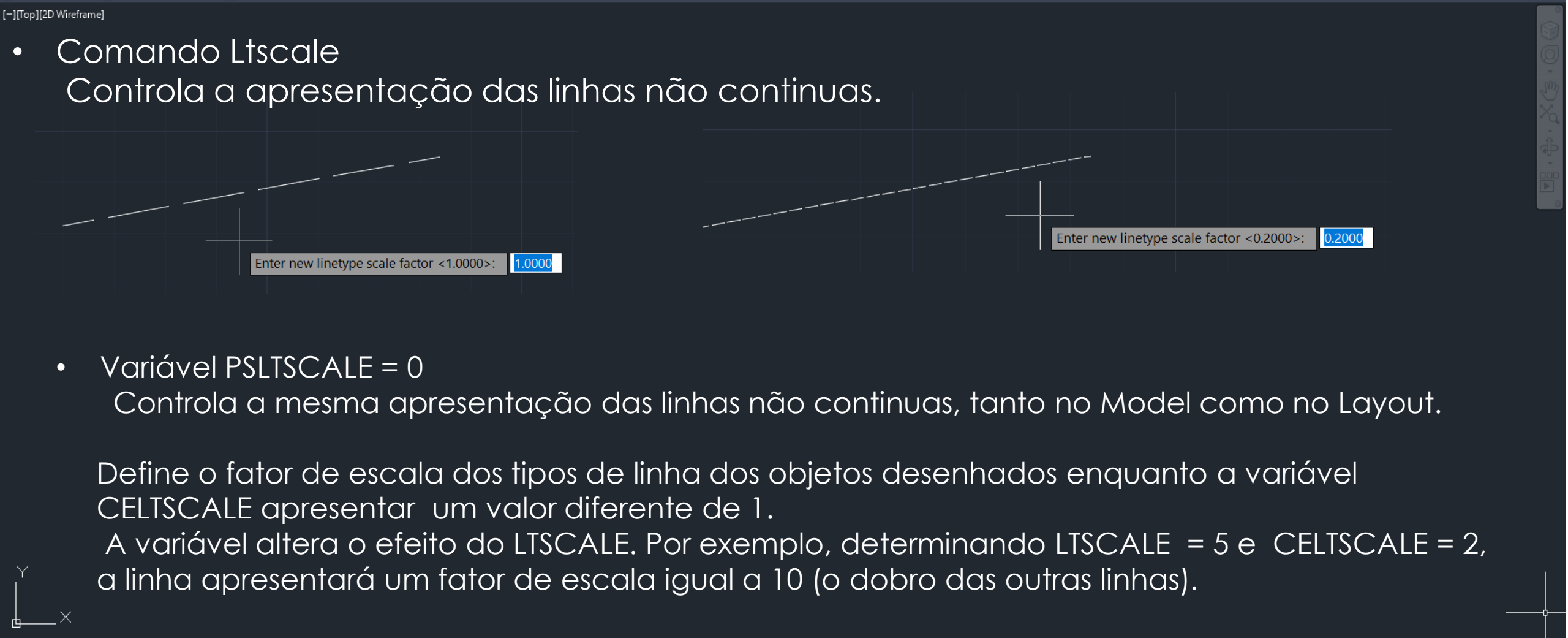
1:1

1:1

1:1

1:1

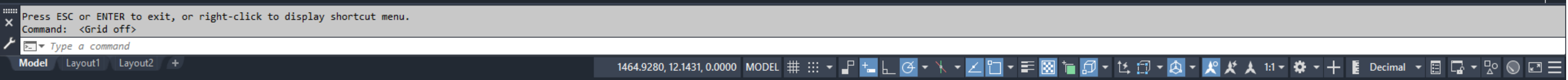
1:1

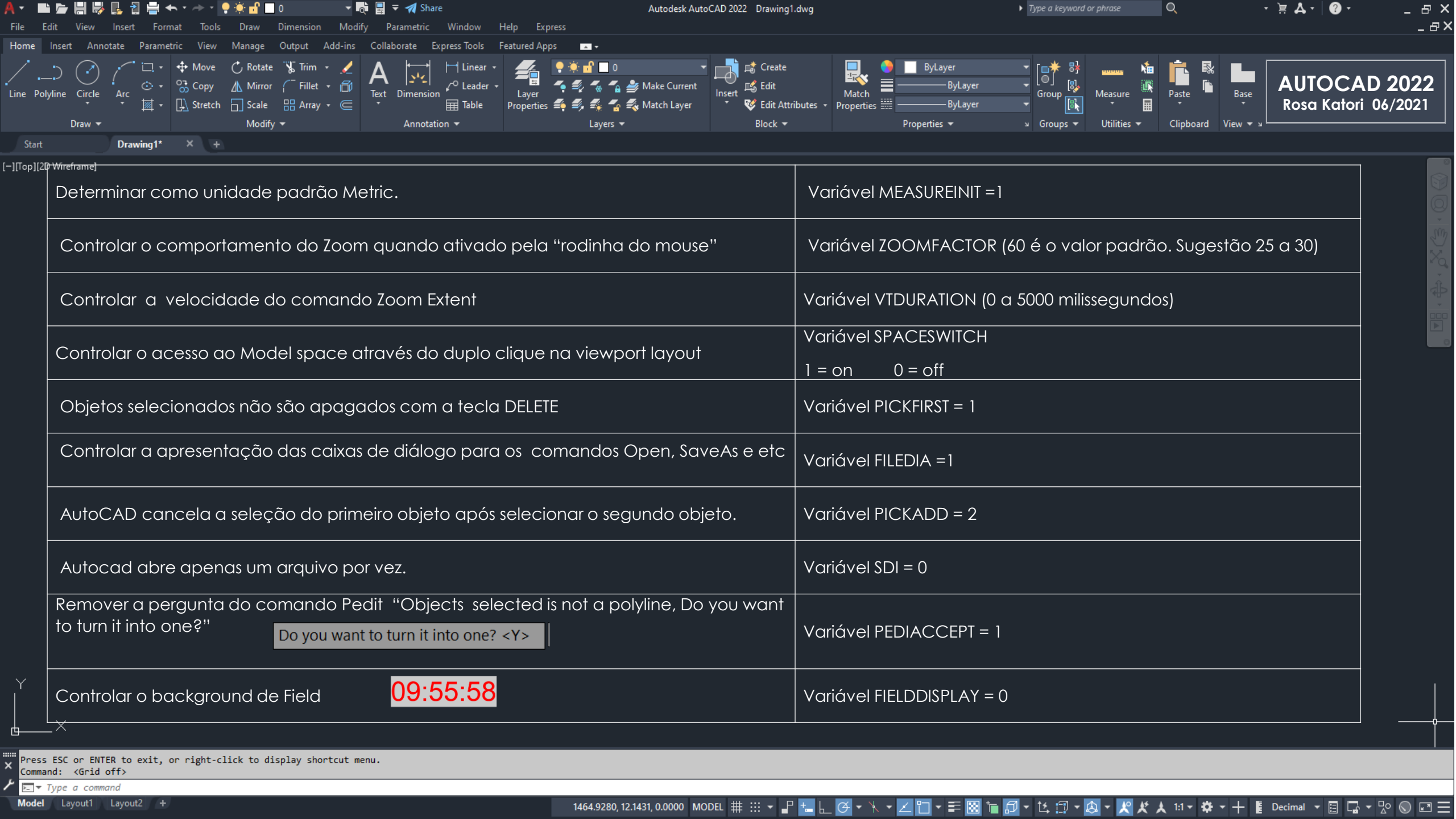


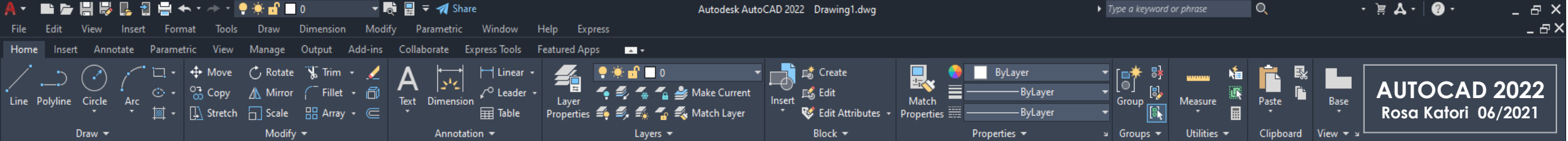
- Variável PSLTSCALE = 0  
Controla a mesma apresentação das linhas não continuas, tanto no Model como no Layout.

Define o fator de escala dos tipos de linha dos objetos desenhados enquanto a variável CELTSCALE apresentar um valor diferente de 1.

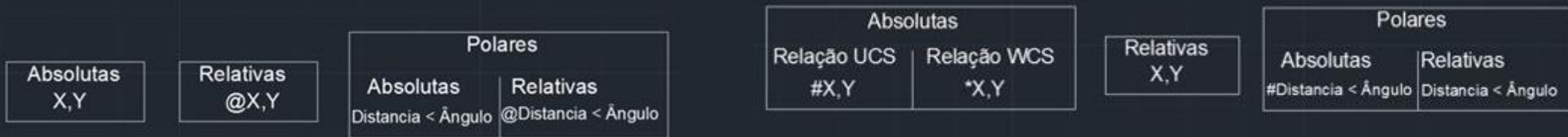
A variável altera o efeito do LTSCALE. Por exemplo, determinando  $LTSCALE = 5$  e  $CELTSCALE = 2$ , a linha apresentará um fator de escala igual a 10 (o dobro das outras linhas).



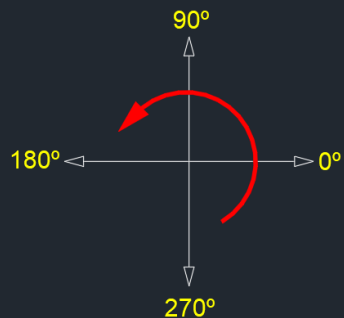




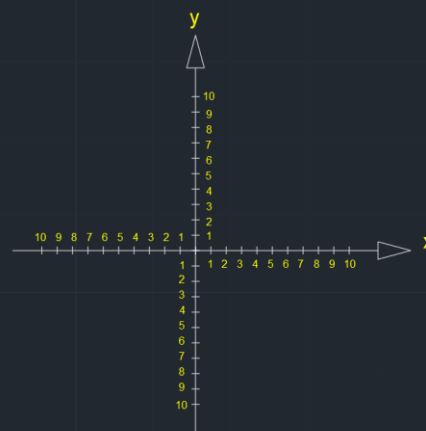
- Coordenadas absolutas, relativas, polares



DYN = desativada



DYN = ativada



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

Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

Model

#

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

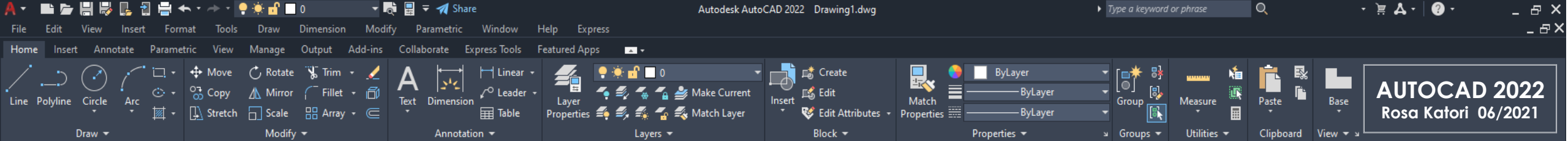
18

- Comando Layer Translator  
Compara e converte layers de um desenho para outro desenho.

- Variável DimLayer  
Define automaticamente o layer criado para as cotas.
- Variável Hplayer  
Define automaticamente o layer criado para hachuras.
- Variável Textlayer  
Define automaticamente o layer criado para textos.
- Variável Centerlayer  
Define automaticamente o layer criado para linhas de centro
- Variável Xreflayer  
Define automaticamente o layer criado para arquivo Xref.

🔧 ▼ Type a command

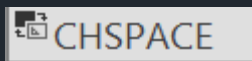




**AUTOCAD 2022**  
Rosa Katori 06/2021

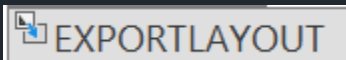
- Comando Chspace

Move objetos do ambiente Model para Paper Space e vice-versa.



- Comando Export Layout

Salva todos os objetos visíveis no layout corrente em um novo arquivo no ambiente Model.



- Variável PELLIPSE

Controla o tipo de ellipse criada com o comando ELLIPSE.

= 0 entidades ELLIPSE

= 1 entidades POLYLINE



Enter new value for PELLIPSE <0>: 0



Enter new value for PELLIPSE <1>: 1

Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

Grid

Ortho

Trim

Extend

Move

Copy

Paste

Undo

Redo

Zoom

Rotate

Scale

Stretch

Move

Copy

Paste

Undo

Redo

Zoom

Rotate

Scale

Stretch

Move

Copy

Paste

Undo

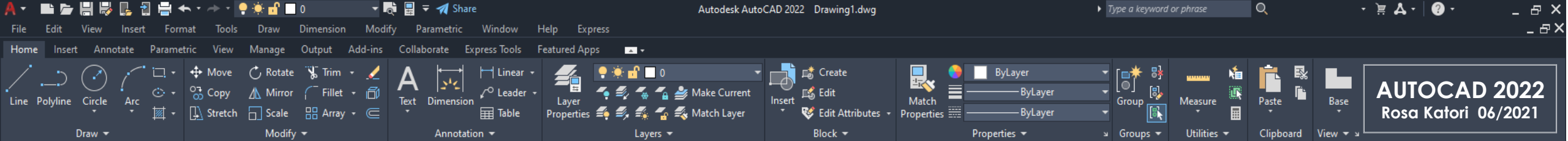
Redo

Zoom

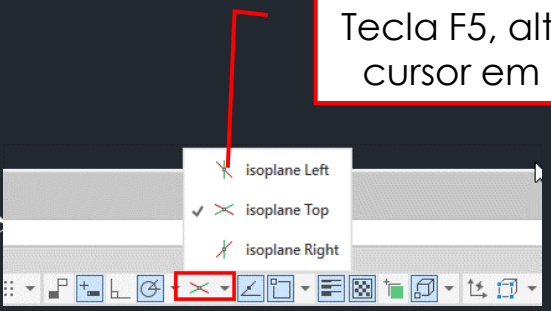
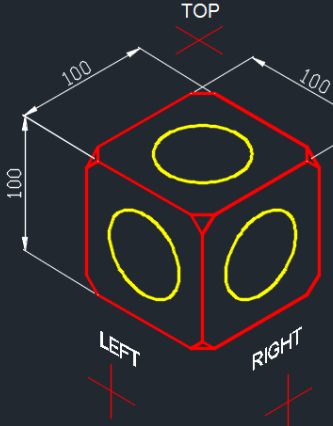
Rotate

Scale

Stretch

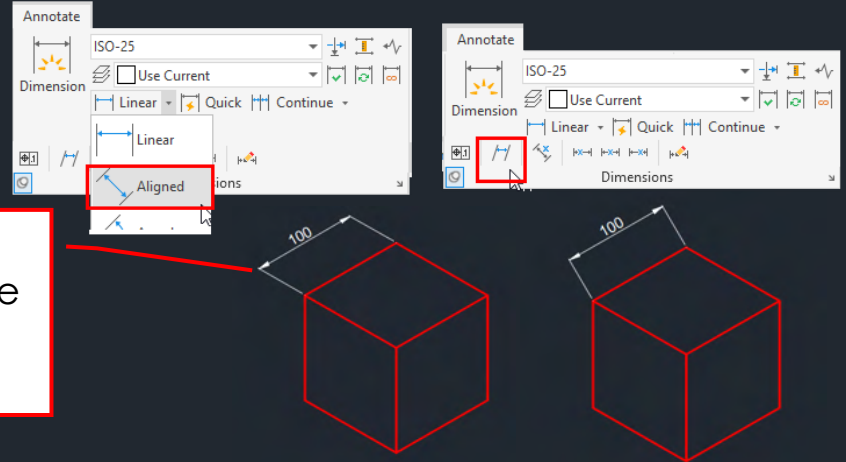


## • Isométrico

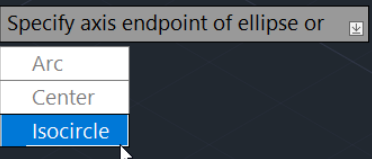
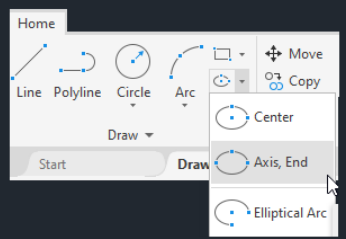


Tecla F5, altera a direção do cursor em modo Isometric.

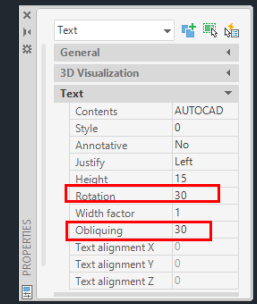
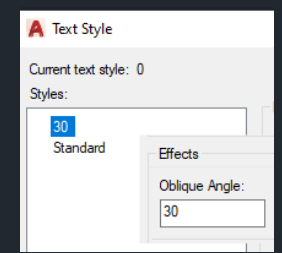
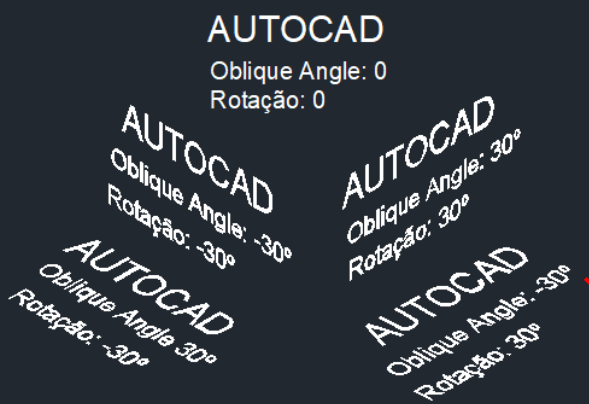
Cota isométrica.  
Cotar com o DimAligned e determinar a inclinação com Oblique.



Círculos isométricos:  
Ellipse - opção Isocircle

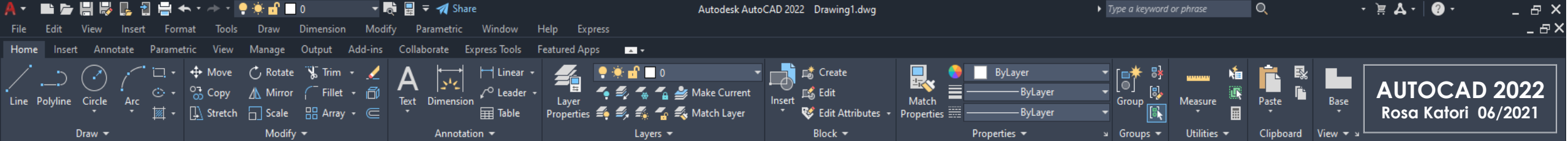


Exemplo de textos em isométricos

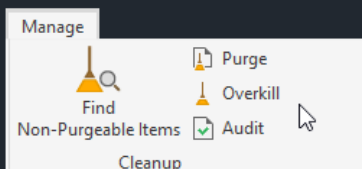


A TEXT  
Specify rotation angle of text

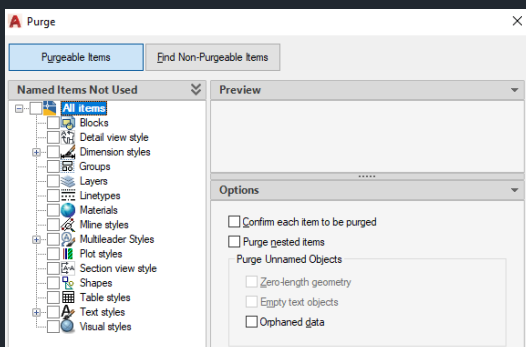
Texto isométrico.  
Crie estilo de texto, determine o ângulo em Oblique angle. Ative o comando Text e determine o ângulo de rotação em rotation angle.



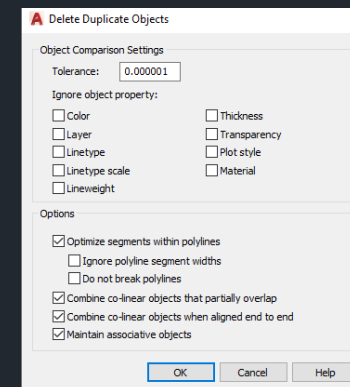
## “Limpendo” o desenho



- Comando Purge  
Remove os itens não utilizados (blocos, layers, estilos, etc) , reduzindo o tamanho do arquivo.



- Comando Overkill  
Remove linhas, arcos e polylines duplicados ou sobrepostos no arquivo.
- Comando Audit  
Avalia a integridade do desenho e corrige alguns erros.



Fix any errors detected?

y

Na mensagem para fixar os erros detectados, confirme com Y (yes)

Após aplicar o Purge , é necessário aplicar o comando Save.

Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

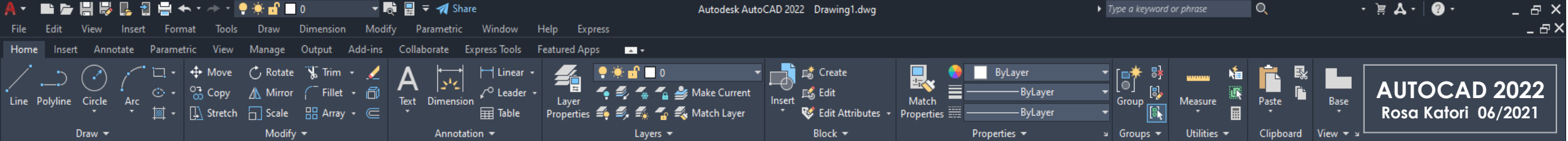
...

...

...

...

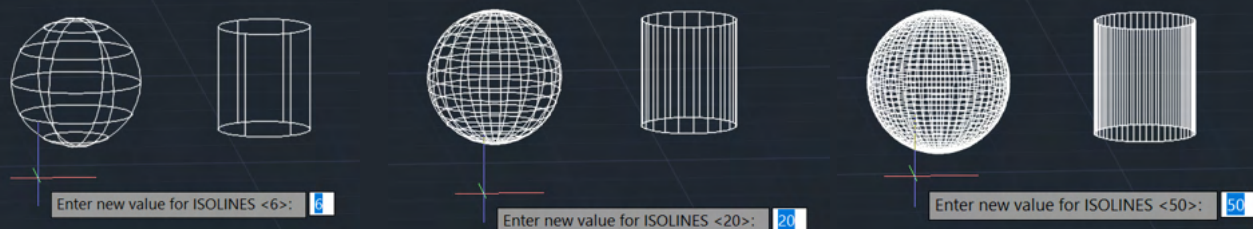
...



## Visualização de sólidos

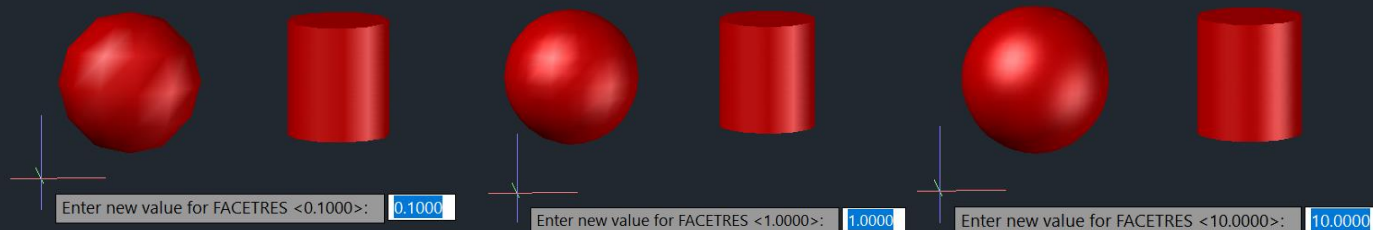
- Variável ISOLINES

Controlar o número de linhas de contorno exibidas nas superfícies curvas de sólidos 3D.



- Variável FACETRES

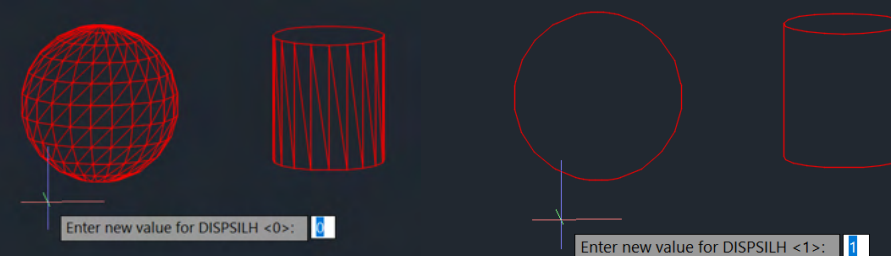
Ajustar a suavidade dos objetos sombreados e objetos renderizados.



- Variável DISPSILH

Controlar a apresentação de curvas de silhuetas em modelos 3D em modo Hide.

= 0 Não exibe arestas de silhueta  
= 1 Exibe arestas de silhueta



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

1:1

Decimal

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

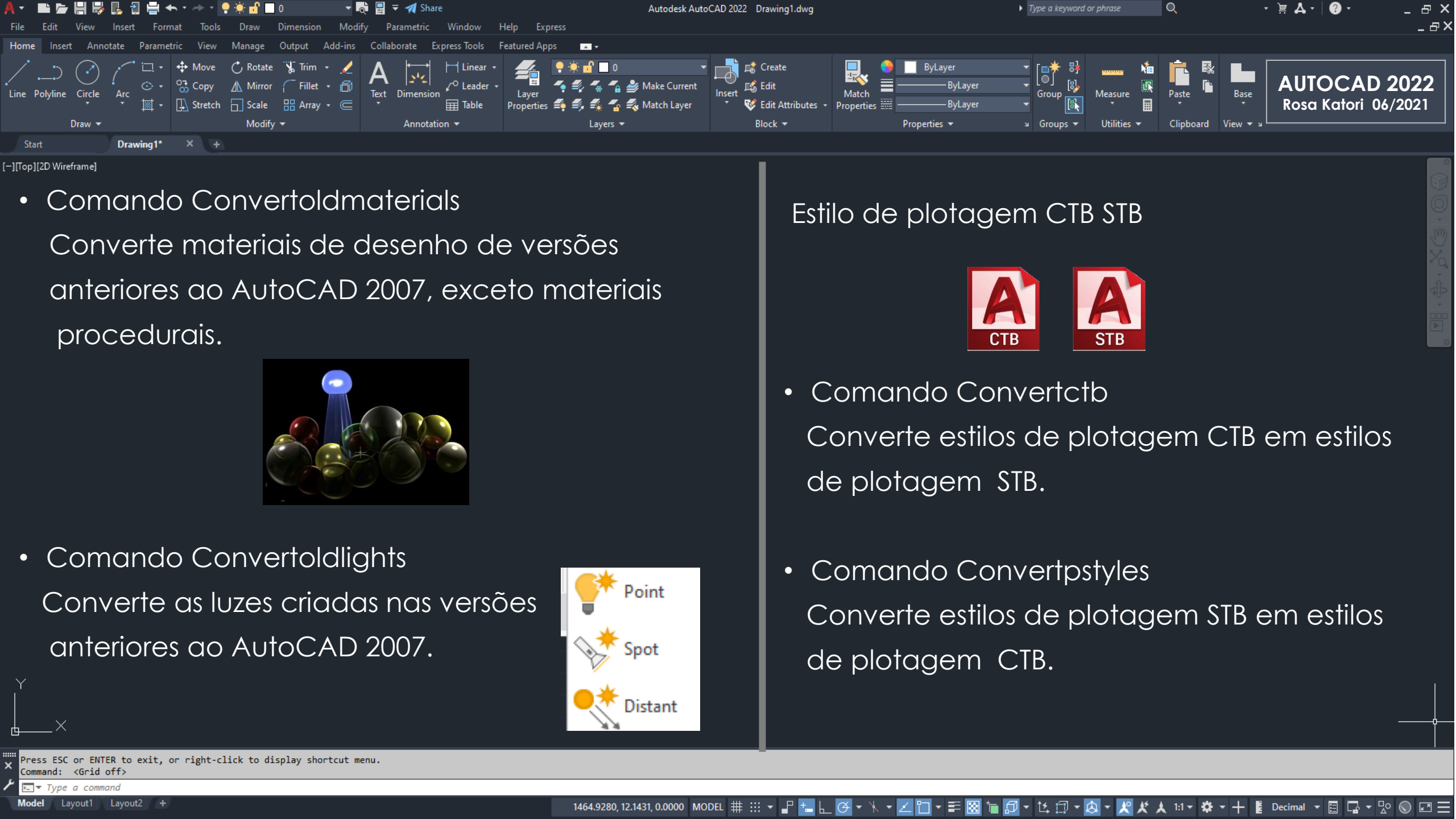
1:1

1:1

1:1

1:1

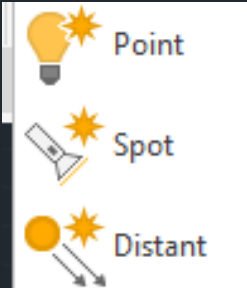
1:1



- Comando Convertoldmaterials  
Converte materiais de desenho de versões anteriores ao AutoCAD 2007, exceto materiais procedurais.



- Comando Convertoldlights  
Converte as luzes criadas nas versões anteriores ao AutoCAD 2007.



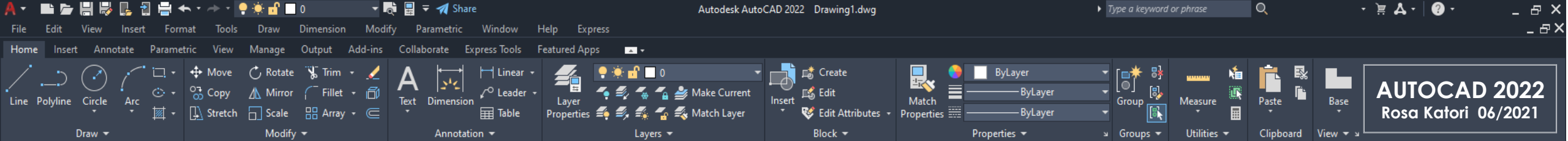
## Estilo de plotagem CTB STB



- Comando Convertctb  
Converte estilos de plotagem CTB em estilos de plotagem STB.
- Comando Convertpstyles  
Converte estilos de plotagem STB em estilos de plotagem CTB.



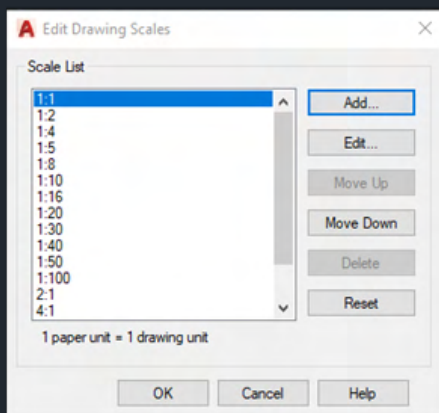




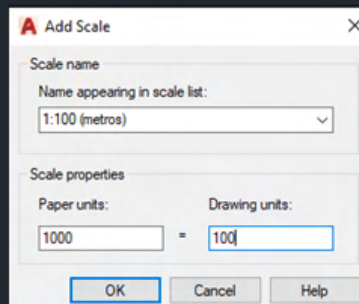
## • Escala personalizada em metros - Scale List



Clique em Custom



Clique em Add

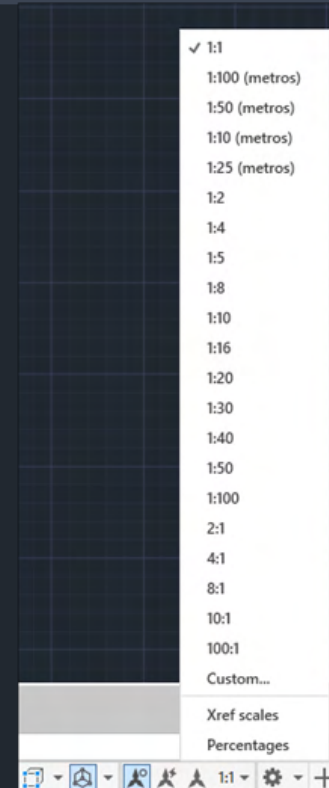
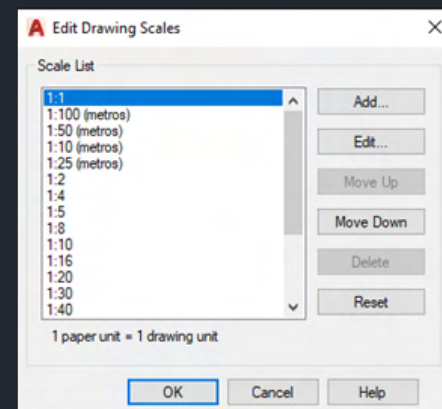


Preencha os campos.

Observação:

Paper units = 1000 (desenho em metros)

Drawing units = 100 (referente a escala 1:100)



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command  
Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

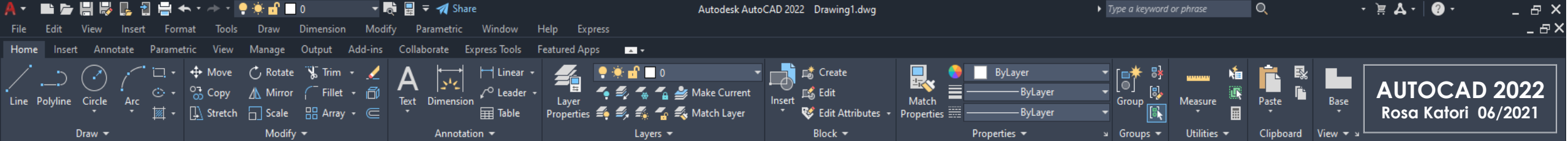
...

...

...

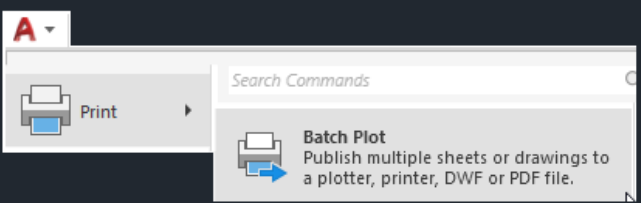
...

...

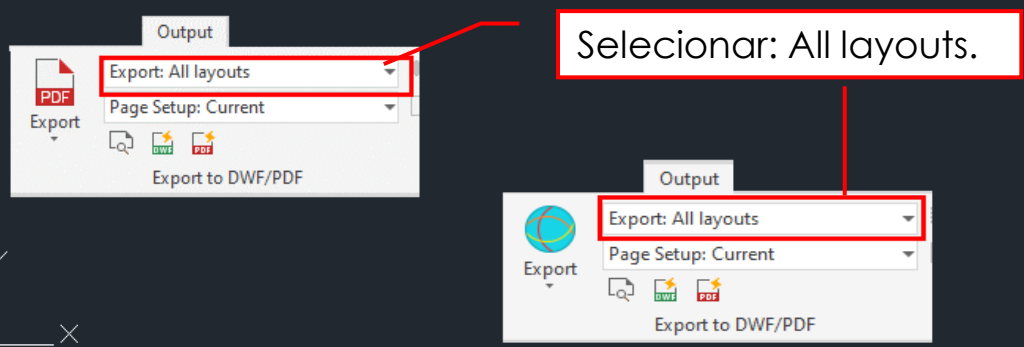


**AUTOCAD 2022**  
Rosa Katori 06/2021

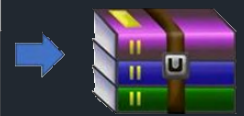
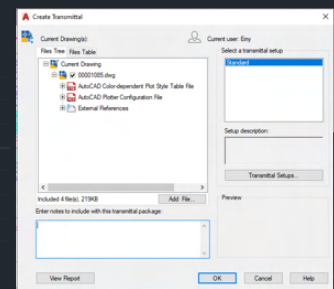
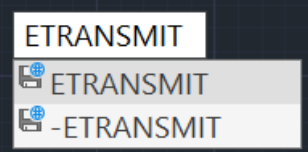
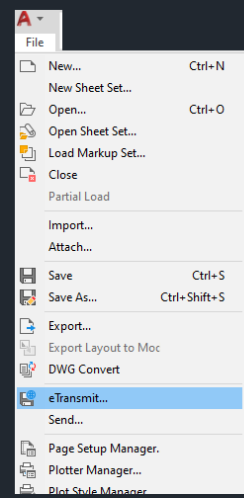
- Ferramenta Batch Plot  
Plotar vários desenhos.



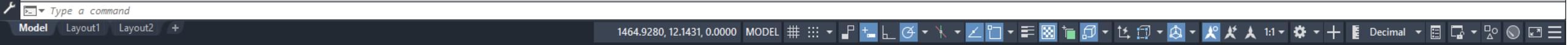
- Comando ExportPDF / ExportDWF  
Converter todos os Layouts do arquivo em PDF ou DWF



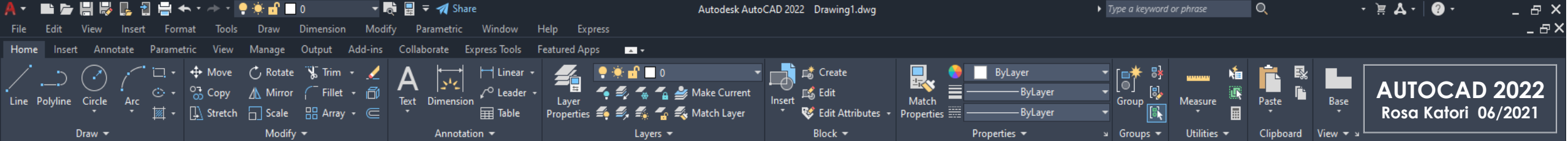
- Comando eTransmit  
Para transportar arquivo DWG e arquivos relacionados, compactando um conjunto de arquivos, incluindo os arquivos necessários para abrir o projeto em outro computador sem perder as informações (Xref, Raster image, estilos de fonte, texturas 3D, estilos de impressão).



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>



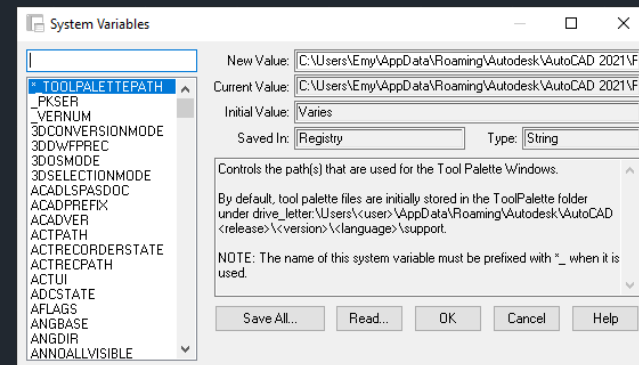
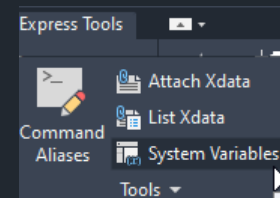




## • Dynamic Block

Parâmetro	Tipo de Grid		Ação que é possível associar com o Parâmetro
Point	■	Standard	Move, Stretch
Linear	►	Linear	Move, Scale, Stretch, Array
Polar	■	Standard	Move, Scale, Stretch, Polar Stretch, Array
XY	■	Standard	Move, Scale, Stretch, Array
Rotation	●	Rotation	Rotate
Flip	➔	Flip	Flip
Alignment	►	Alignment	Nenhum (ação está contida no parâmetro)
Visibility	▼	Lookup	Nenhum (ação é controlada pela visibilidade)
Lookup	▼	Lookup	Lookup
Base	■	Standard	Nenhum

- Comando Command Aliases  
Lista as variáveis do sistema.



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command  
Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

1:1

Decimal

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

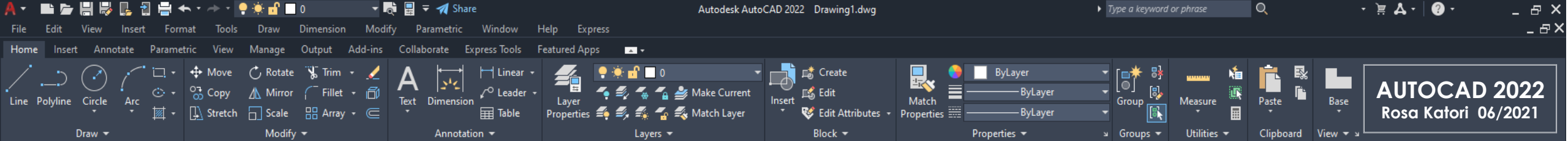
1:1

1:1

1:1

1:1





## • Sugestão para Layers

Nome do Layer	Cor		Tipo de linha	Espessura (mm)	Descrição	Exemplo
Texto pequeno	1 (red)		Continuous	0,2	Textos com altura até 3,0mm	texto pequeno
Texto grande	6 (magenta)		Continuous	0,2	Textos com altura acima de 3,5mm	texto grande
cotas	1 (red)		Continuous	0,2	Cotas	
Blocos	1 (red)		Continuous	0,25	Blocos (vários)	
Mobilia	1 (red)		Continuous	0,25	Blocos - mobilia	
Linha auxiliar	2 (yellow)		Continuous	0,25	linha auxiliar	
Blocos detalhes	3 (green)		Continuous	0,15	Blocos com vários detalhes	
Louça	3 (green)		Continuous	0,15	Blocos - louça	
Porta	4 (cyan)		Continuous	0,20	Porta	
Janela	3 (green)		Continuous	0,20	Janela	
Parede	5 (blue)		Continuous	0,50	Paredes	
Vegetação	3 (green)		Continuous	0,20	Blocos - vegetação	
Linha centro	2 (yellow)		Dashdot	0,25	Linha centro	
Linha projeção	2 (yellow)		Dashdot	0,25	Linha centro	
Hachura	8 (gray)		Continuous	0,15	Hachura	
Espessura 1	7 (white)		Continuous	1,00	Arestas e contornos visíveis	
Espessura 0,50	5 (blue)		Continuous	0,50	Arestas e contornos visíveis	
Espessura 1	7 (white)		Continuous	0,00	Detalhes pequenos	

Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command  
Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

...

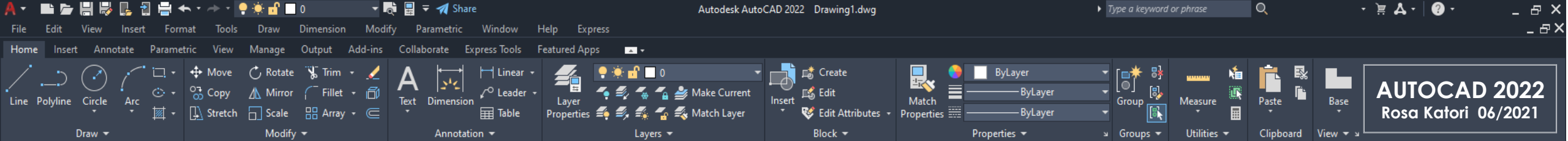
...

...

...

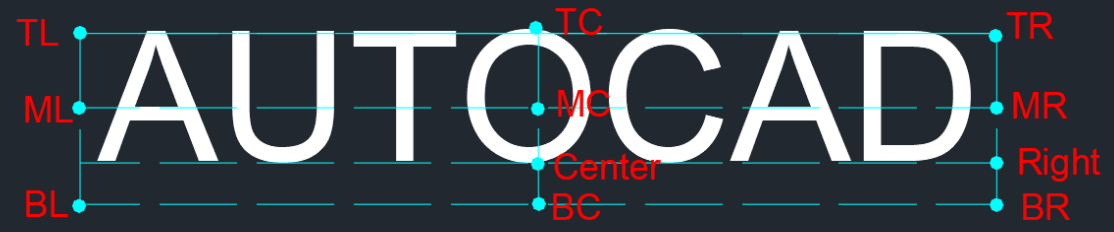
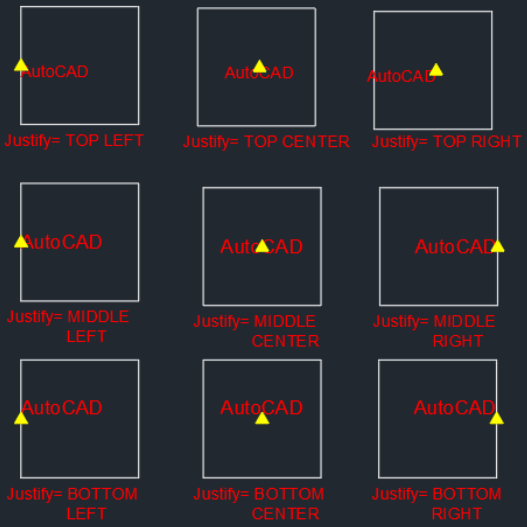
...

...

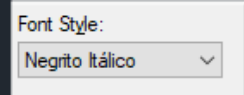


**AUTOCAD 2022**  
Rosa Katori 06/2021

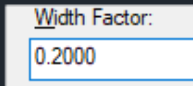
## • Texto



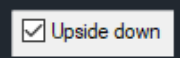
*Estilo 2*



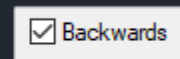
*Estilo 3*



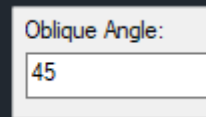
*Estilo 4*



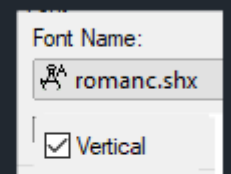
*Estilo 5*



*Estilo 6*



Estilo 7

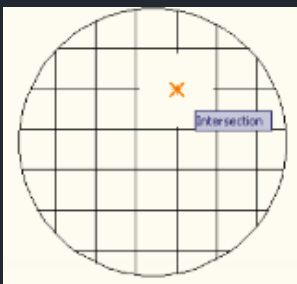
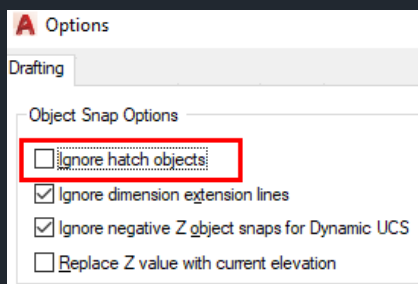


Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

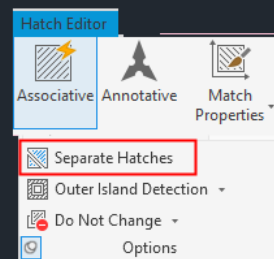
[--][Top][2D Wireframe]

# Hachuras

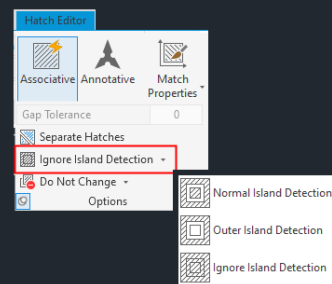
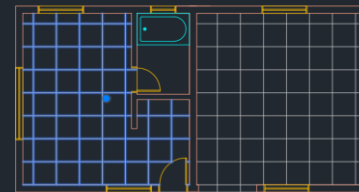
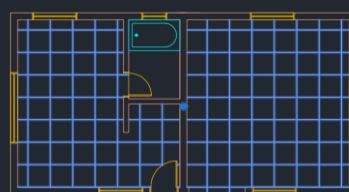
- Ativando OSNAP em hachuras



Variável HPQUICKPREVIEW = off  
Evita que o AutoCAD identifique uma área fechada quando se passa o mouse sobre e mostre o preview do preenchimento.



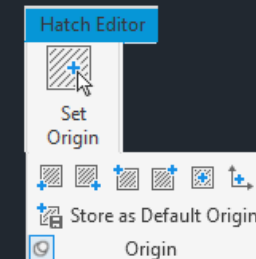
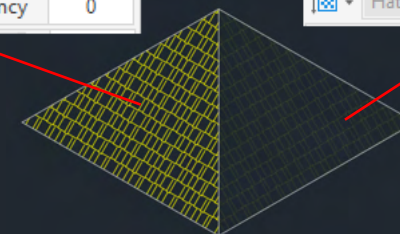
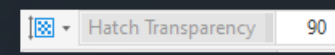
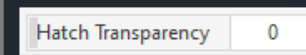
Separando hachuras



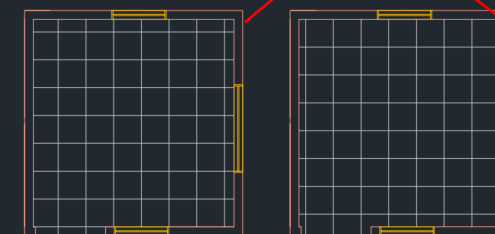
Controlando ilhas



Controlando transparência



Controlando a origem da hachura



Press ESC or ENTER to exit, or right-click to display shortcut menu.  
Command: <Grid off>

Type a command  
Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

##

1:1

Decimal

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

1:1

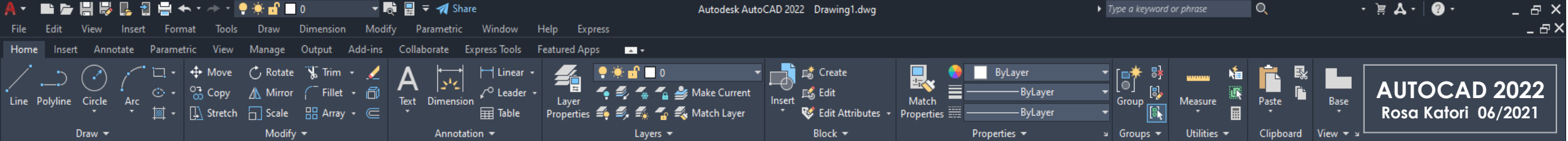
1:1

1:1




1:1

1:1

1:1



## • Visualizar arquivos

	Design Review	Visualiza e imprime arquivos 2D / 3D DWG , DWF, DXF, PDF e tipos de arquivo de imagem BMP, JPG, GIF, etc. Permite inserir comentários para alterações de projeto. Permite medir peças, áreas, superfícies e dimensões.
	DWG True View	Visualiza e imprime arquivos 2D / 3D DWG , DWF, DXF Converte versões anteriores de arquivos DWG Permite medir peças, áreas, superfícies e dimensões.
	Autodesk Viewer	<a href="https://viewer.autodesk.com/designviews">https://viewer.autodesk.com/designviews</a> Não é necessário download ou plug-in Visualiza e imprime arquivos 2D / 3D DWG , DWF, DXF,FBX, Naviworks, Moldflow,Revit, Inventor, Solidworks, ProE, Catia ,etc. (ver tabela) Permite inserir comentários para alterações de projeto. Permite medir peças, áreas, superfícies e dimensões. Compartilhar arquivos..

### Formatos de arquivo suportados em 2D e 3D

O Autodesk Viewer pode exibir os seguintes formatos de arquivo:

3DM	FSCH	PSM
3DS	G	PSMODEL
A	GBXML	RVT **
ASM	GLB	SAB
AXM	GLTF	SAT
BRD	IAM	SCH
CATPART	IDW	SESSION
CATPRODUCT	IFC	SKP
CGR	IGE	SLDASM
COLLABORATION	IGES	SLDPRT
DAE	IGS	SMB
DDX	IPT	SMT
DDZ	IWM	STE
DGK	JT	STEP
DGN	MAX	STL
DLV3	MODEL	STLA
DMT	MPF	STLB
DWF	MSR	STP
DWFX	NEU	STPZ
DWG *	NWC	VPB
DWT	NWD	VUE
DXF	OBJ	WIRE
EMODEL	OSB	X_B
EXP	PAR	X_T
F3D	PMLPRJ	XAS
FBRD	PMLPRJ2	XPR
FBX	PRT	

\*A visualização com ativador de objeto é suportada somente pelo AutoCAD® Architecture, AutoCAD® Plant 3D e AutoCAD® Civil 3D.

\*\* Arquivos do Revit® 2015 ou posterior.

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

Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

#

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

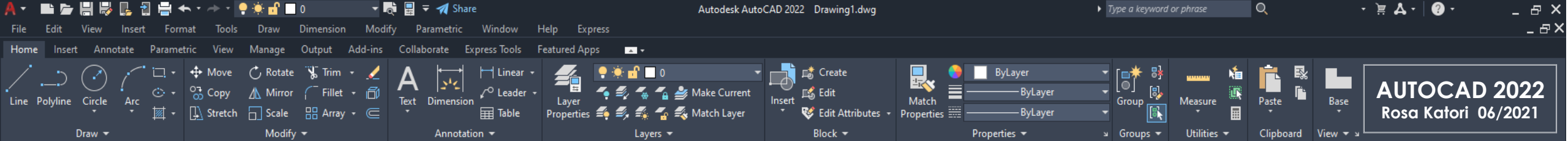
:

:

:

:

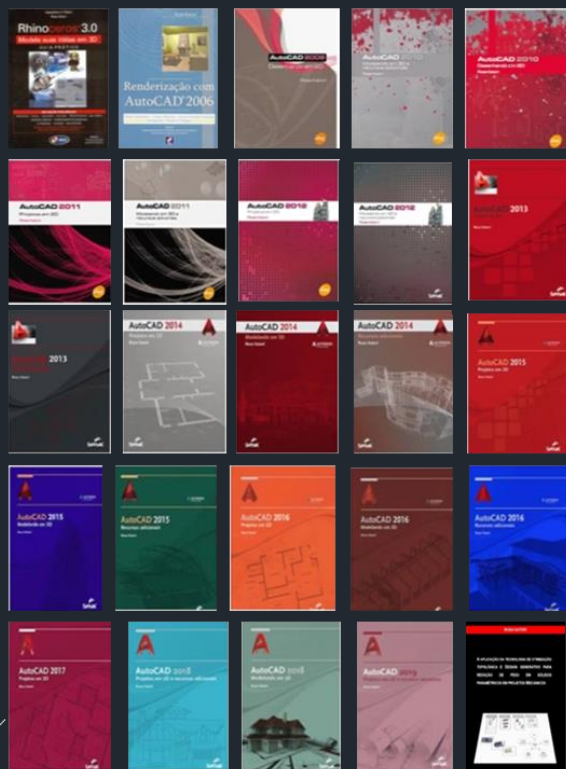




[--][Top][2D Wireframe]

# Rosa Katori

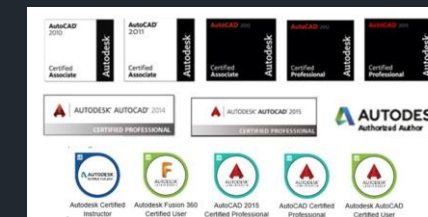
## Minhas publicações:



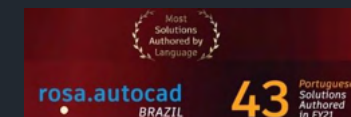
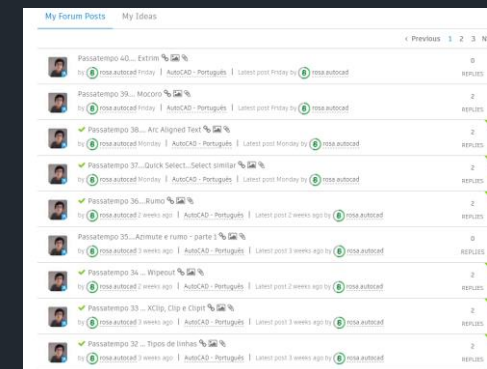
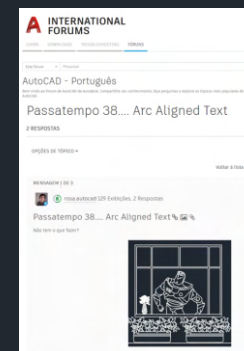
Blog:  
<https://rosa-cad.com/>



## Instrutora, palestrante, autora de livros sobre AutoCAD



## Membro Expert Elite da Comunidade de Usuários Autodesk – Português



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

Command: <Grid off>

Type a command

Model Layout1 Layout2

1464.9280, 12.1431, 0.0000

MODEL

#

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:

:



