



Representação Digital

2023-2024

20221256



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FACULDADE DE ARQUITETURA
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Mestrado Integrado em Arquitectura
Ano Lectivo 2023-2024 1º Semestre
Docente - Nuno Alão 2º Ano

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EXERCÍCIO 1.2 – AUTOCAD

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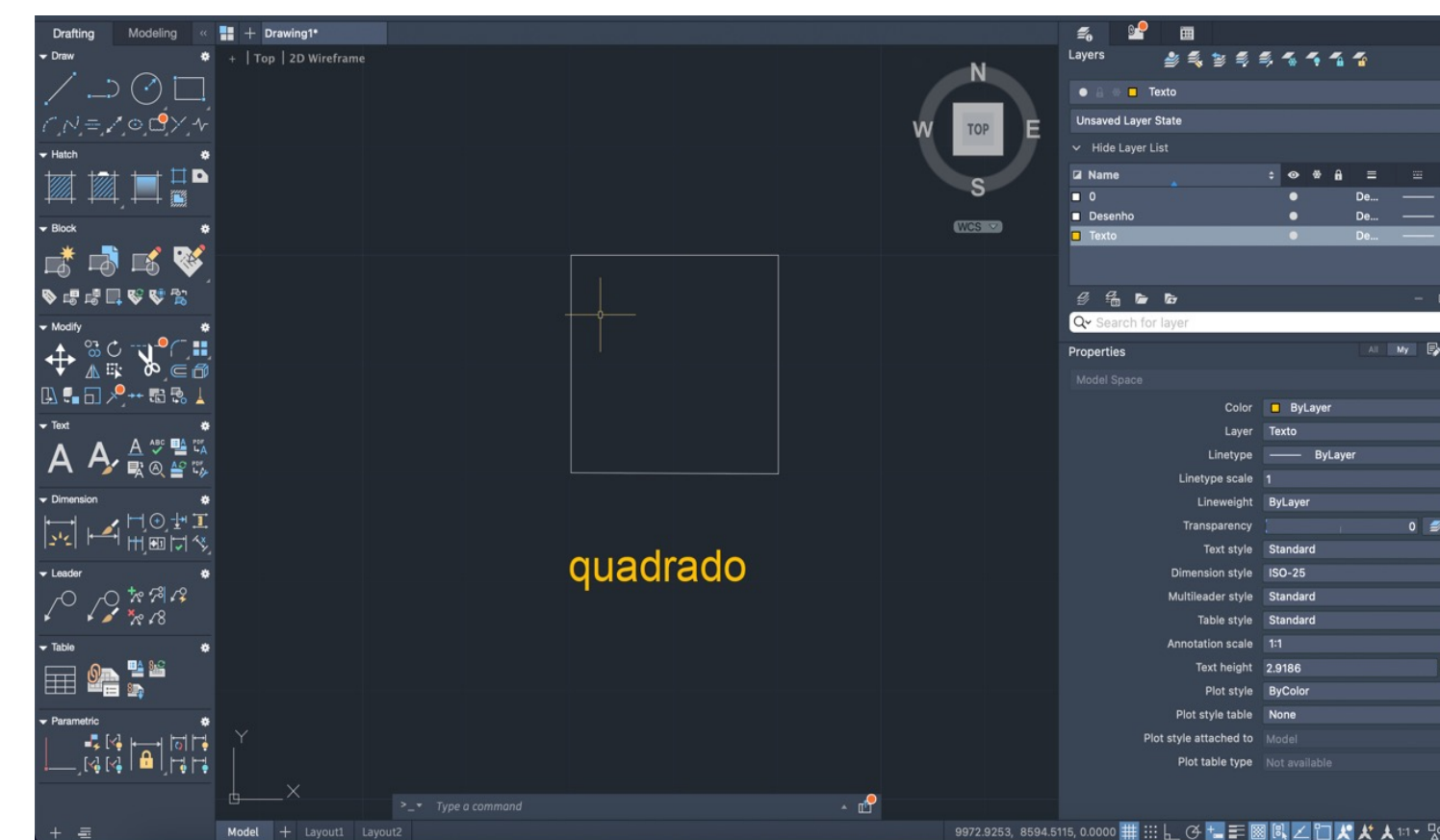
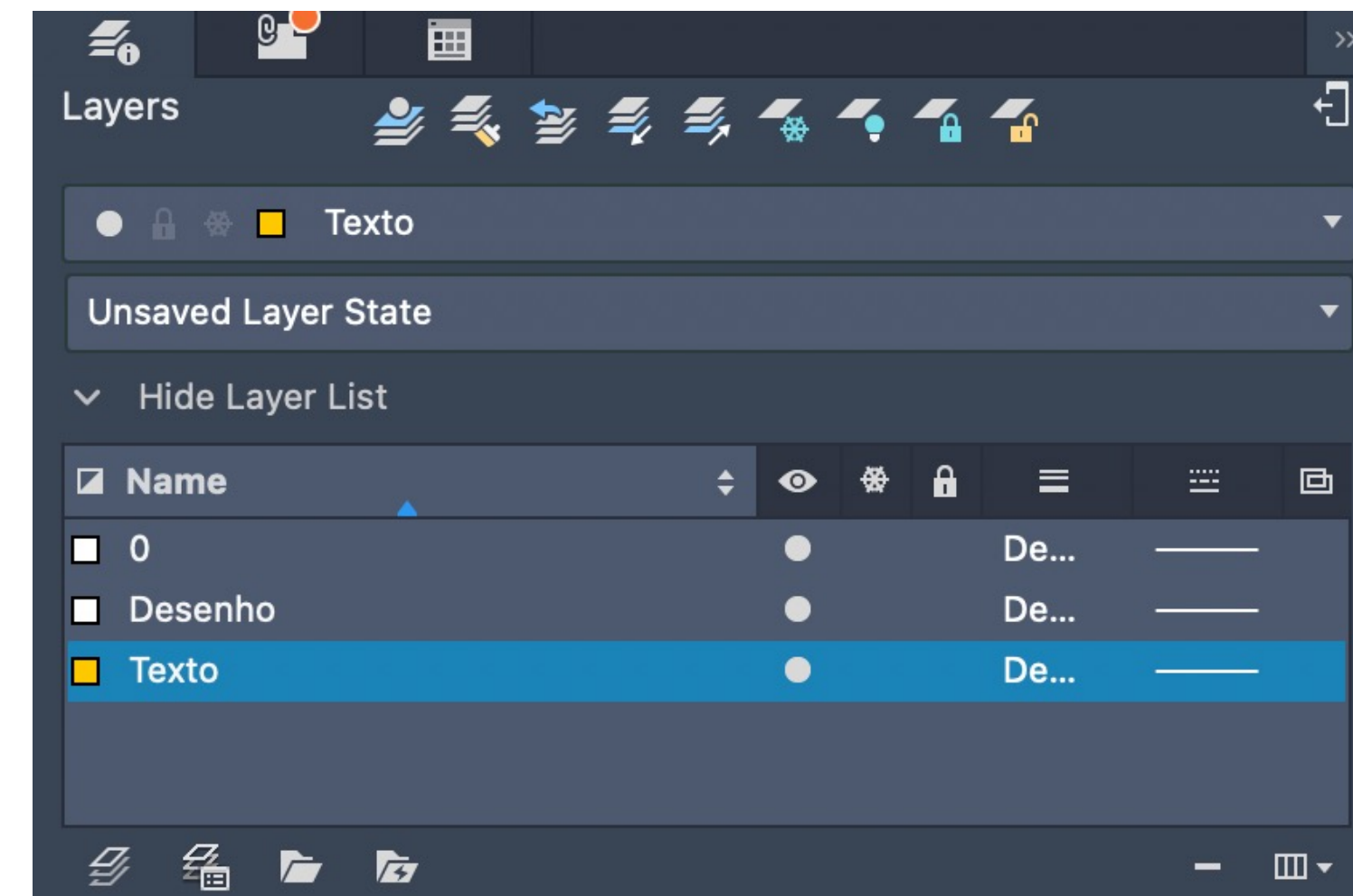
EXERCÍCIO 2 – 3DS MAX

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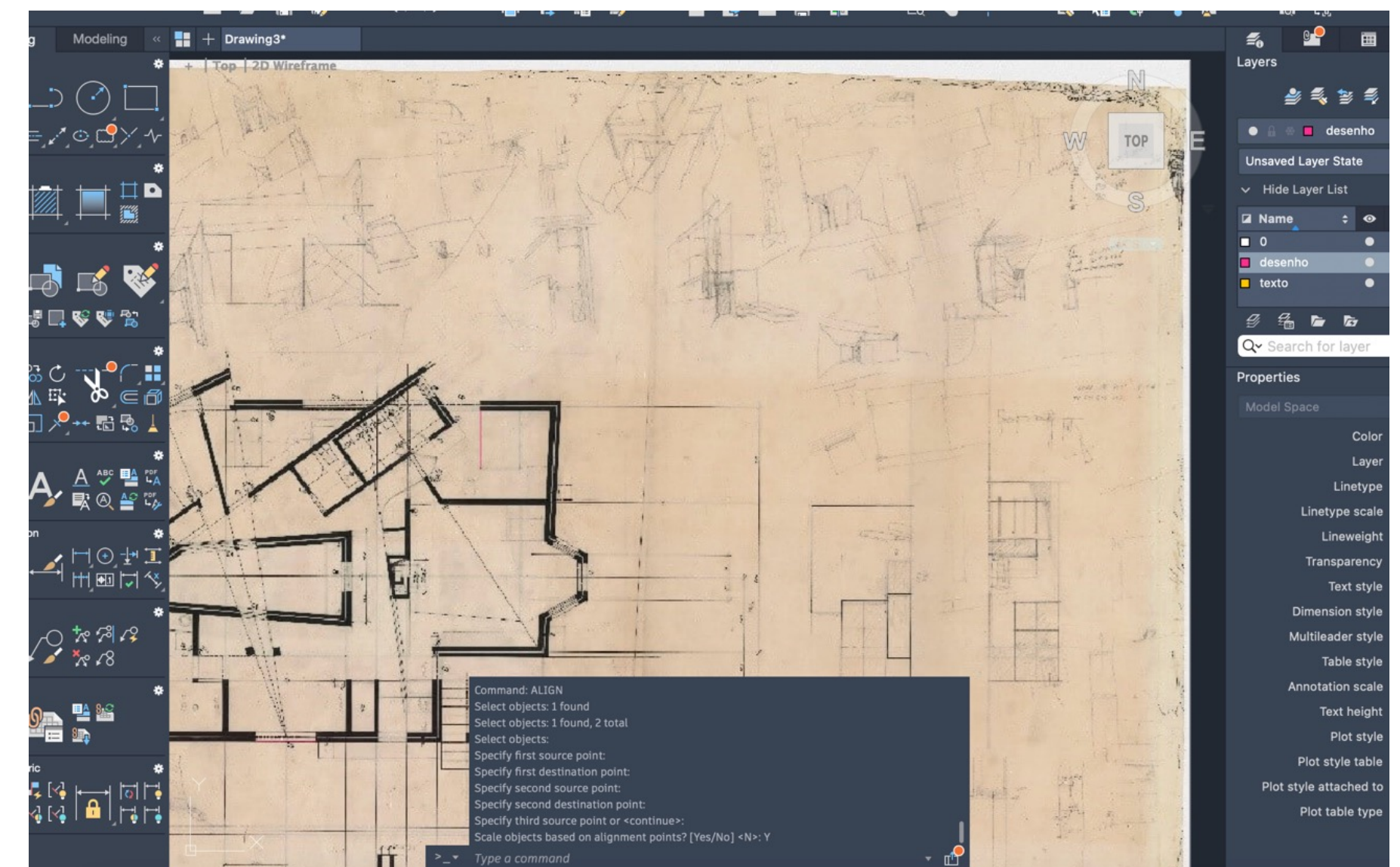
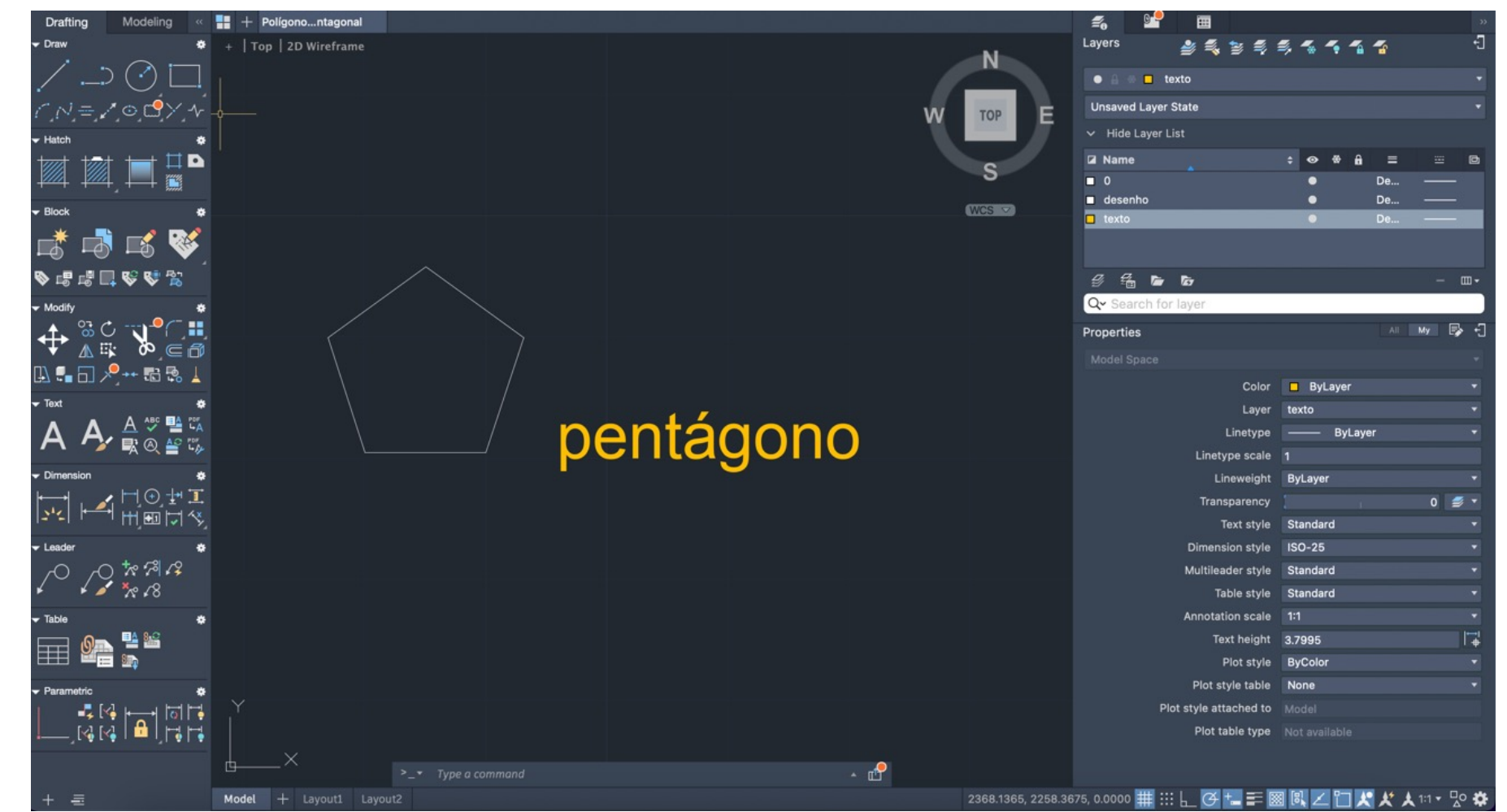
Aula 1: AutoCad
25/09/2023

- > Aprender os comandos base do programa;
- > Model Space, Paper Space, layers, coordenadas absolutas e relativas (# e @).



Aula 2: AutoCad
26/09/2023

- > Escalas;
- > Proporções;
- > Autocad trabalha na escala 1:1000 e em milímetros;
- > Apresentação de projetos: desenho à mão, rigorosos, obra;
 - > Attach, dist, list, align, scale;
 - > Ajustar escalas/medidas.

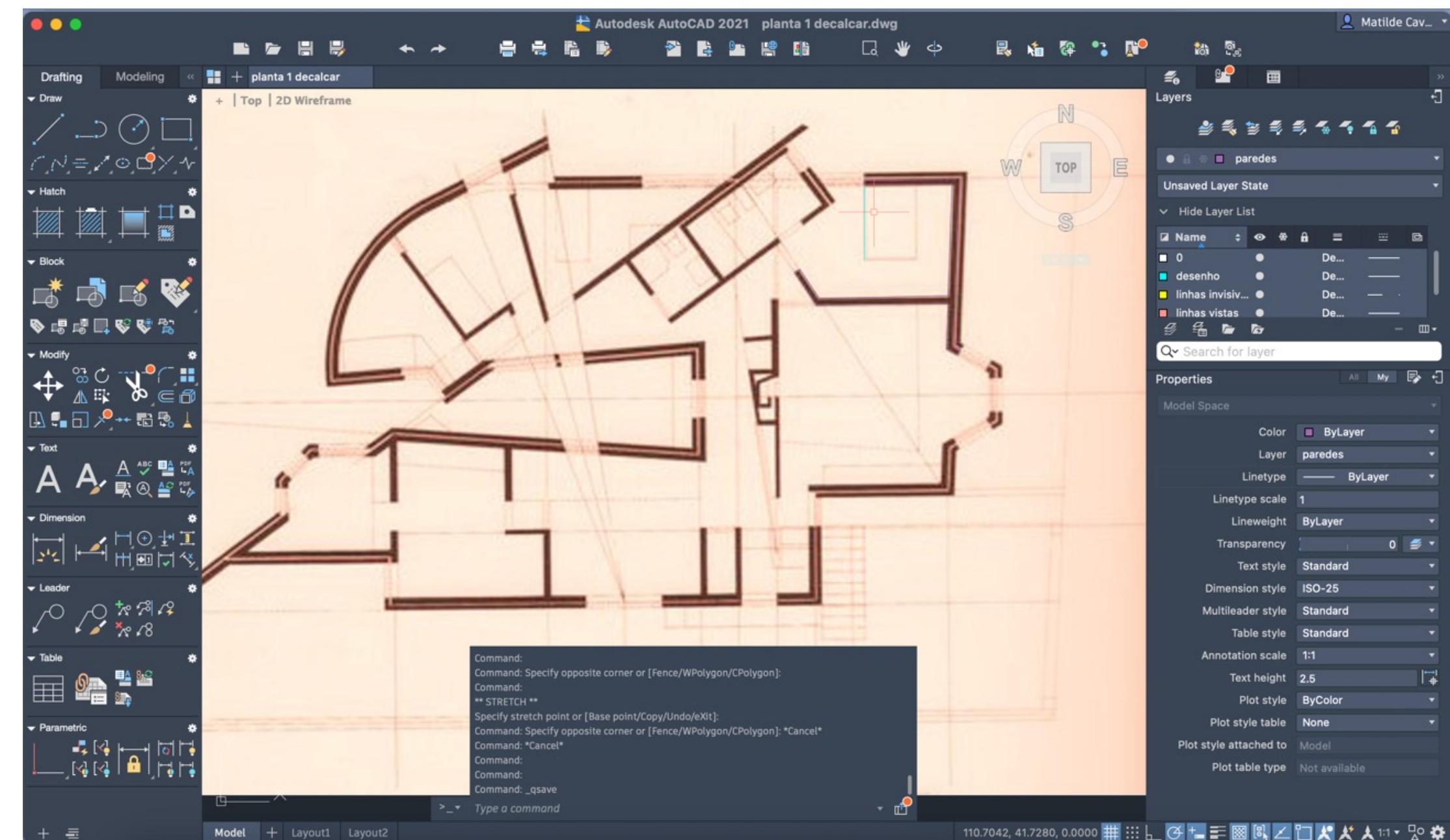


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Exerc. 1.1 – ACAD 2D

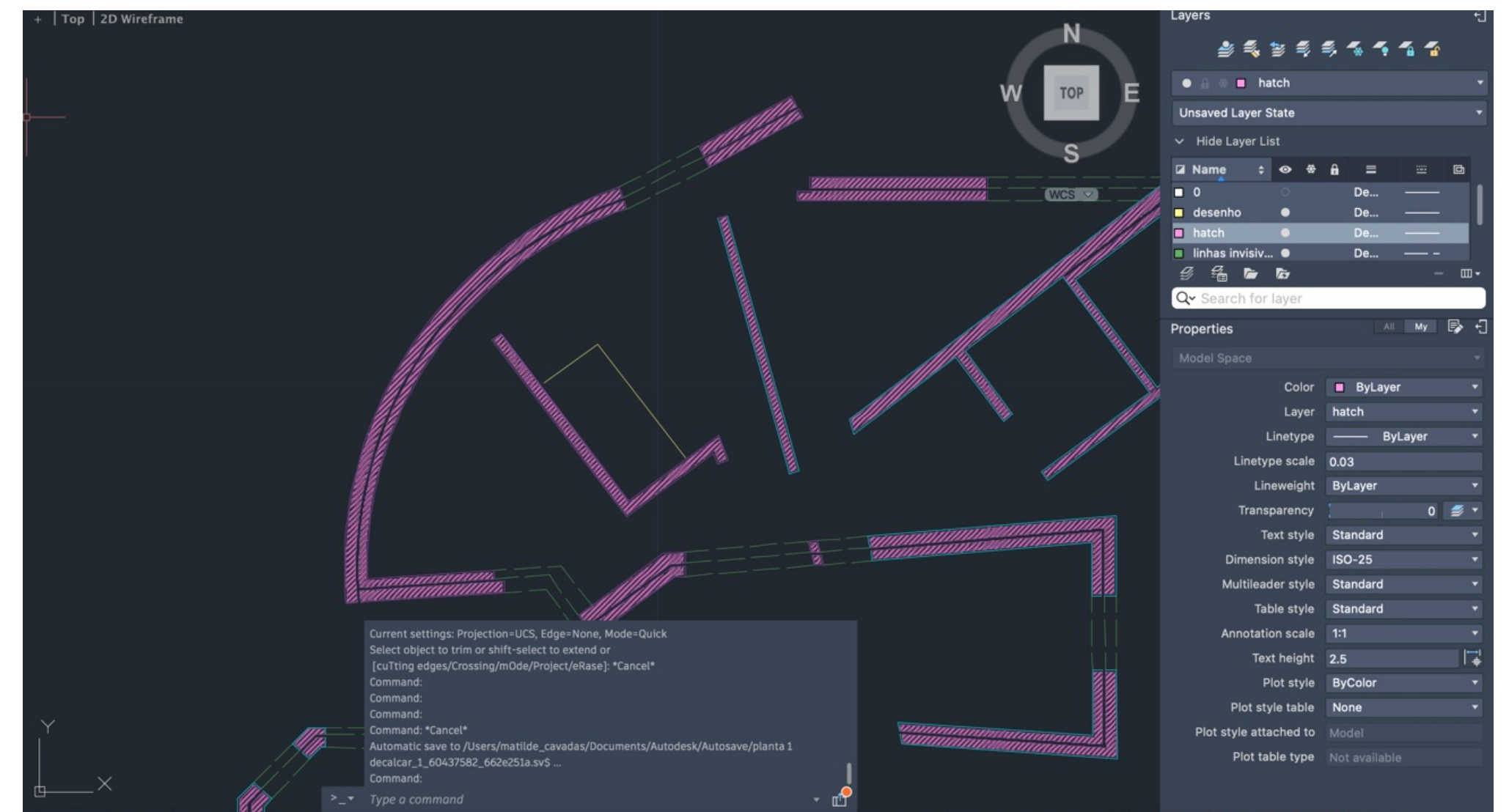
Aula 3: AutoCad
02/10/2023

- > Continuação do exercício;
- > Explicação mais aprofundada do comando "Scale"
 - > F8 – Ortho on/off
 - > Align
 - > Trim



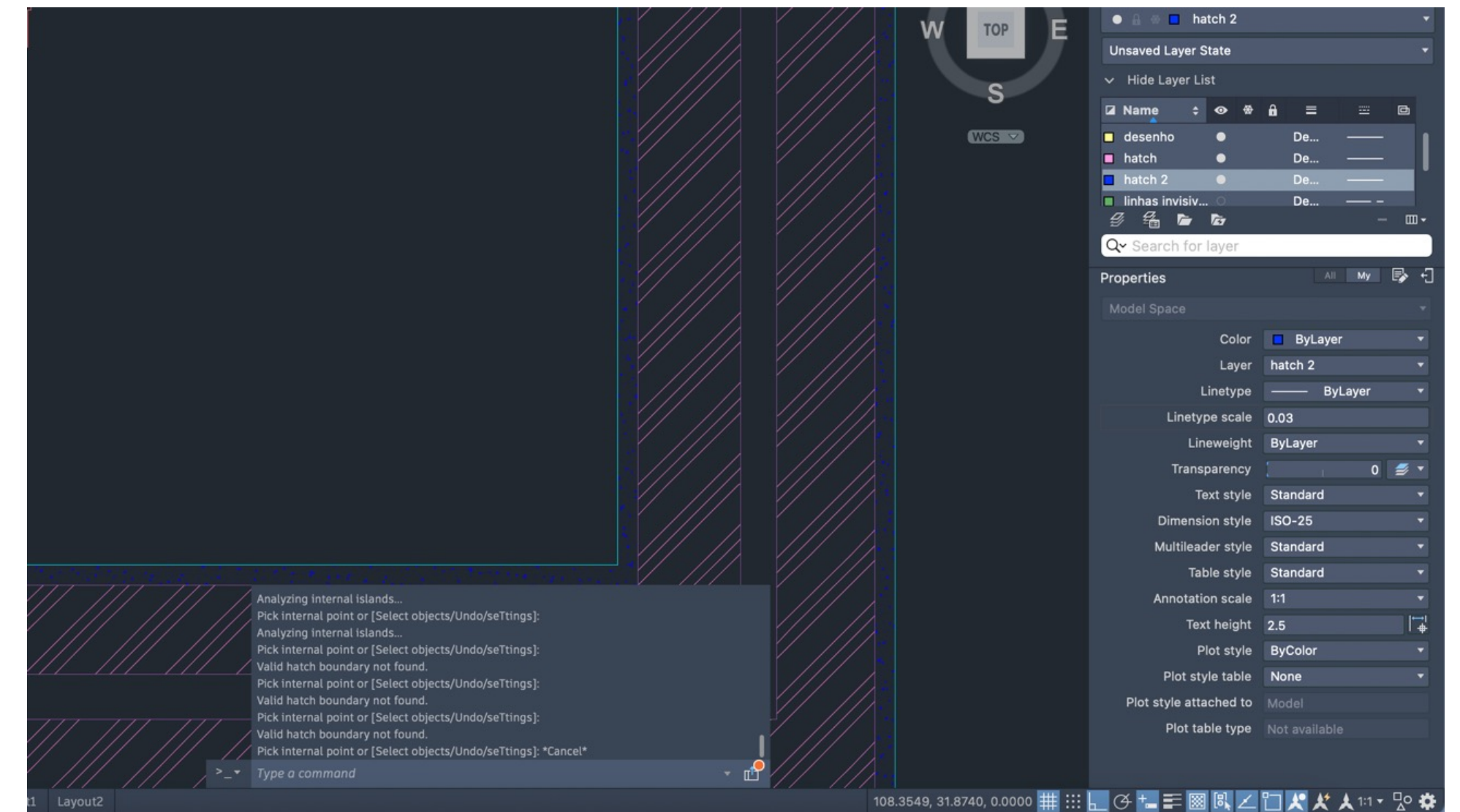
Aula 4: AutoCad
03/10/2023

> Decalcar a planta com diferentes camadas.



Aula 5: AutoCad
09/10/2023

> Continuação da aula anterior.

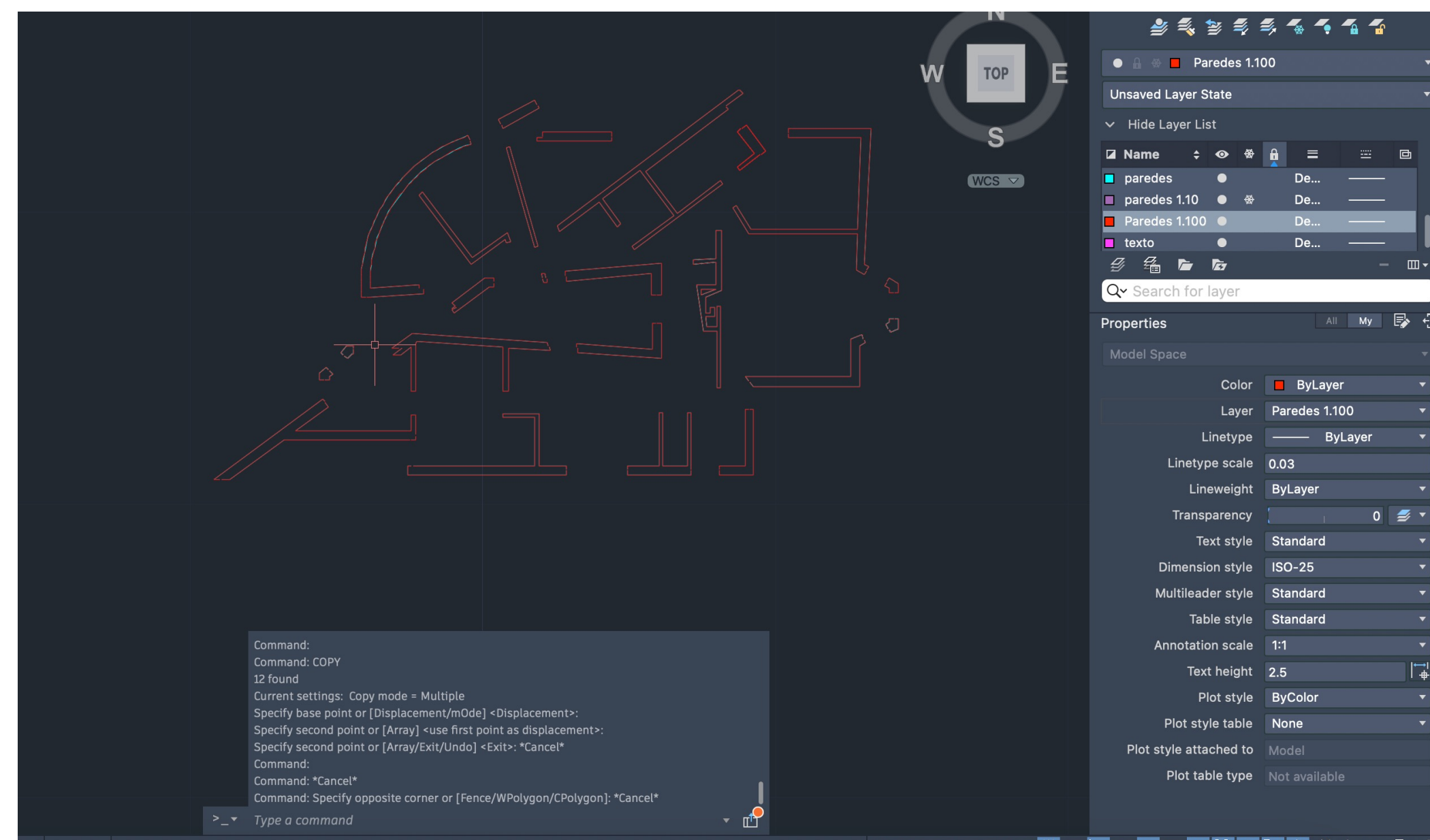


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Exerc. 1.1 – ACAD 2D

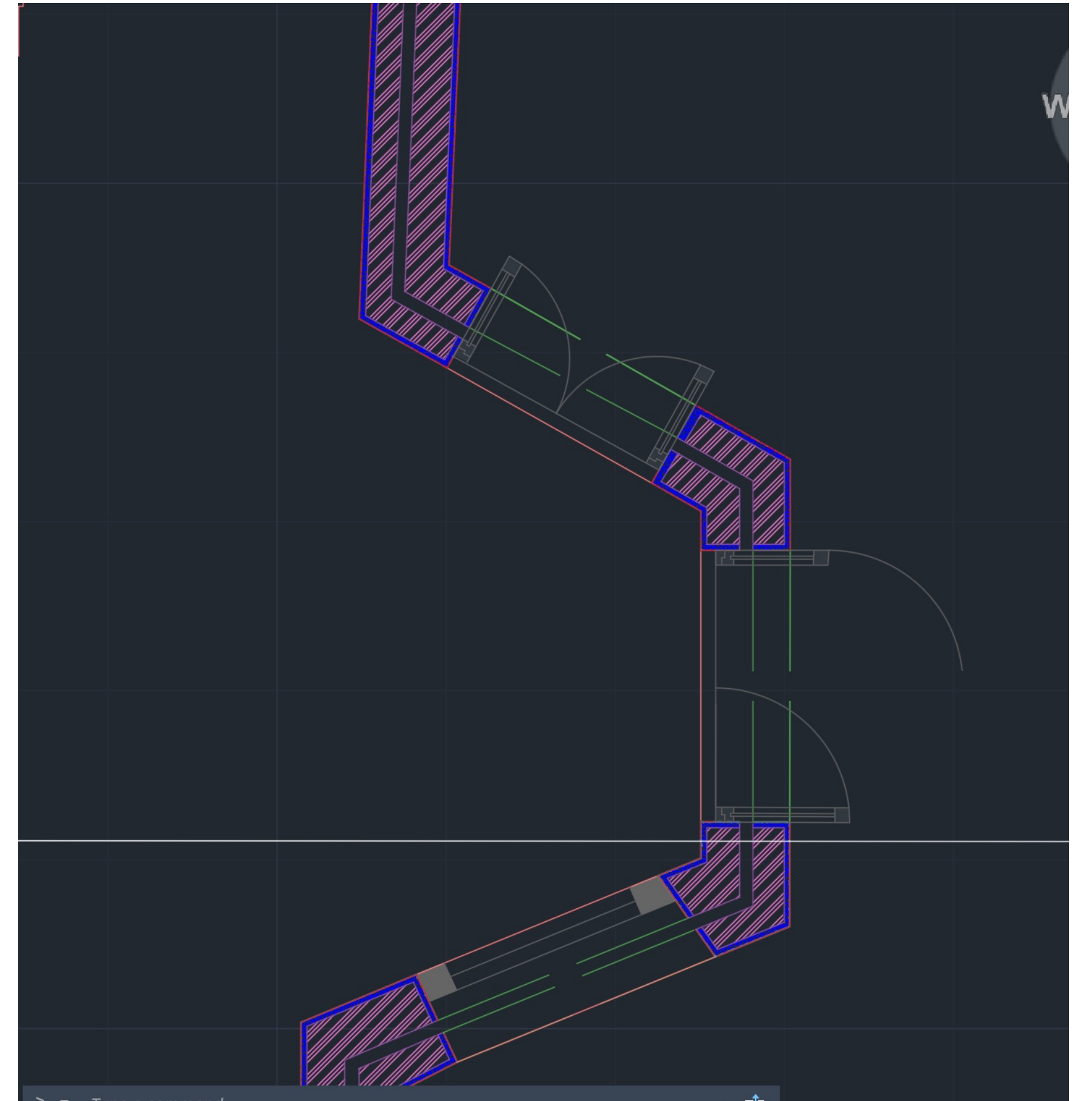
Aula 6: AutoCad
10/10/2023

- > Continuação da aula anterior;
- > Paredes 1/100.



Aula 7: AutoCad
16/10/2023

> Continuação da aula anterior;



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Exerc. 1.1 – ACAD 2D

Aula 8: AutoCad
17/10/2023

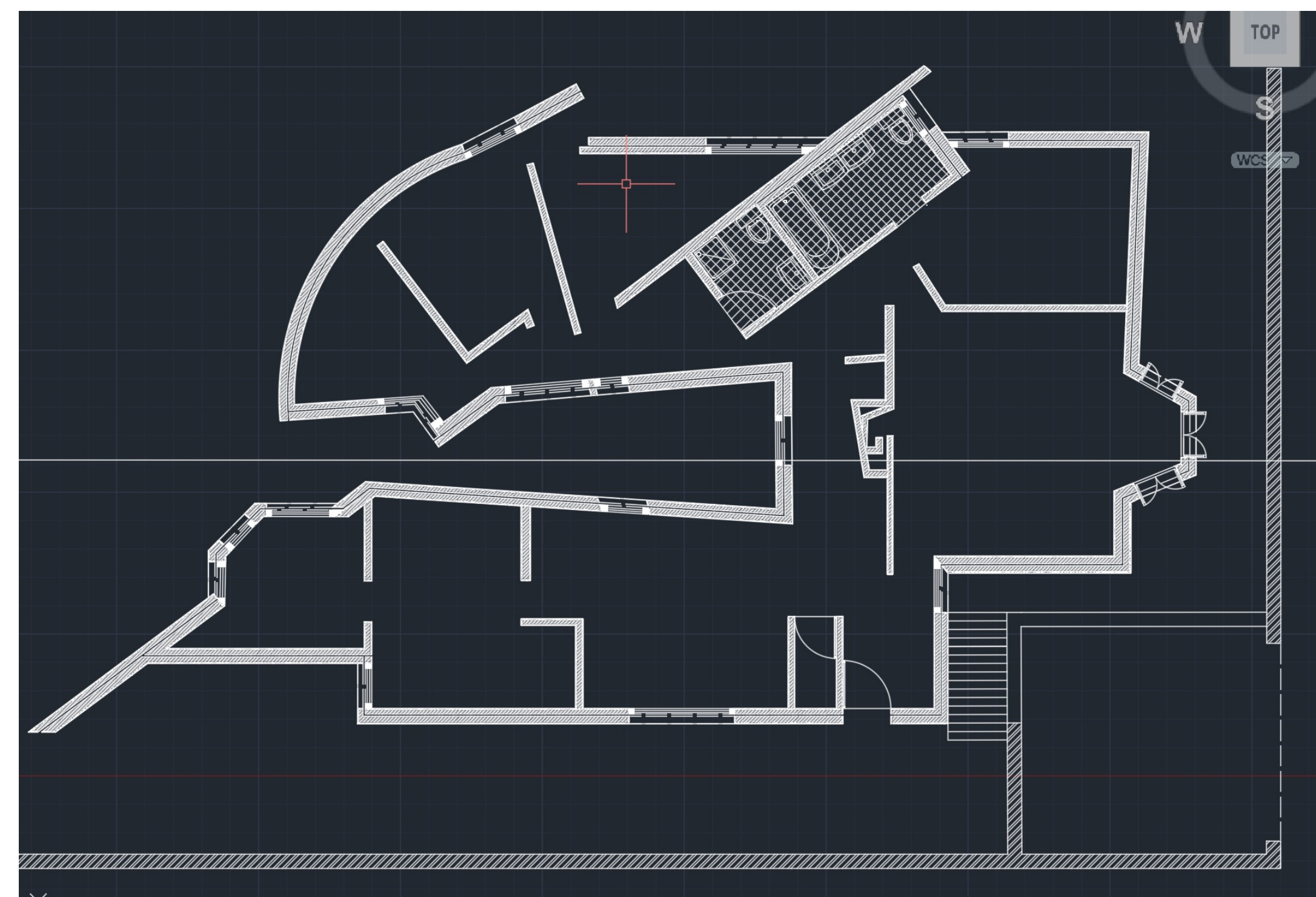
> Continuação da aula anterior;

Aula 9: AutoCad
23/10/2023

> Continuação da aula anterior;

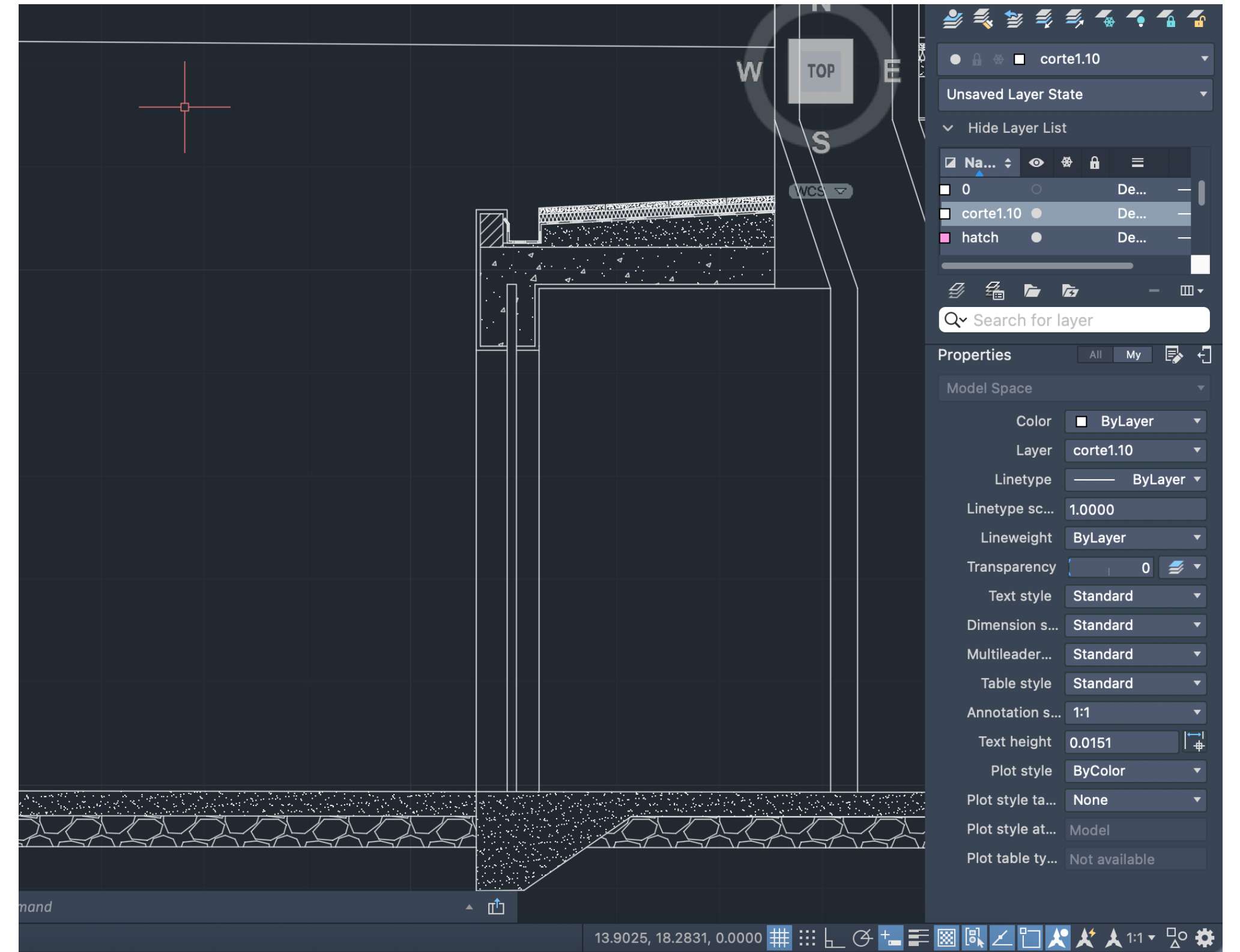
Aula 10: AutoCad
24/10/2023

- > Continuação da aula anterior;
- > Finalização da Planta



Aula 11: AutoCad
30/10/2023

- > Continuação da aula anterior;
- > Corte.

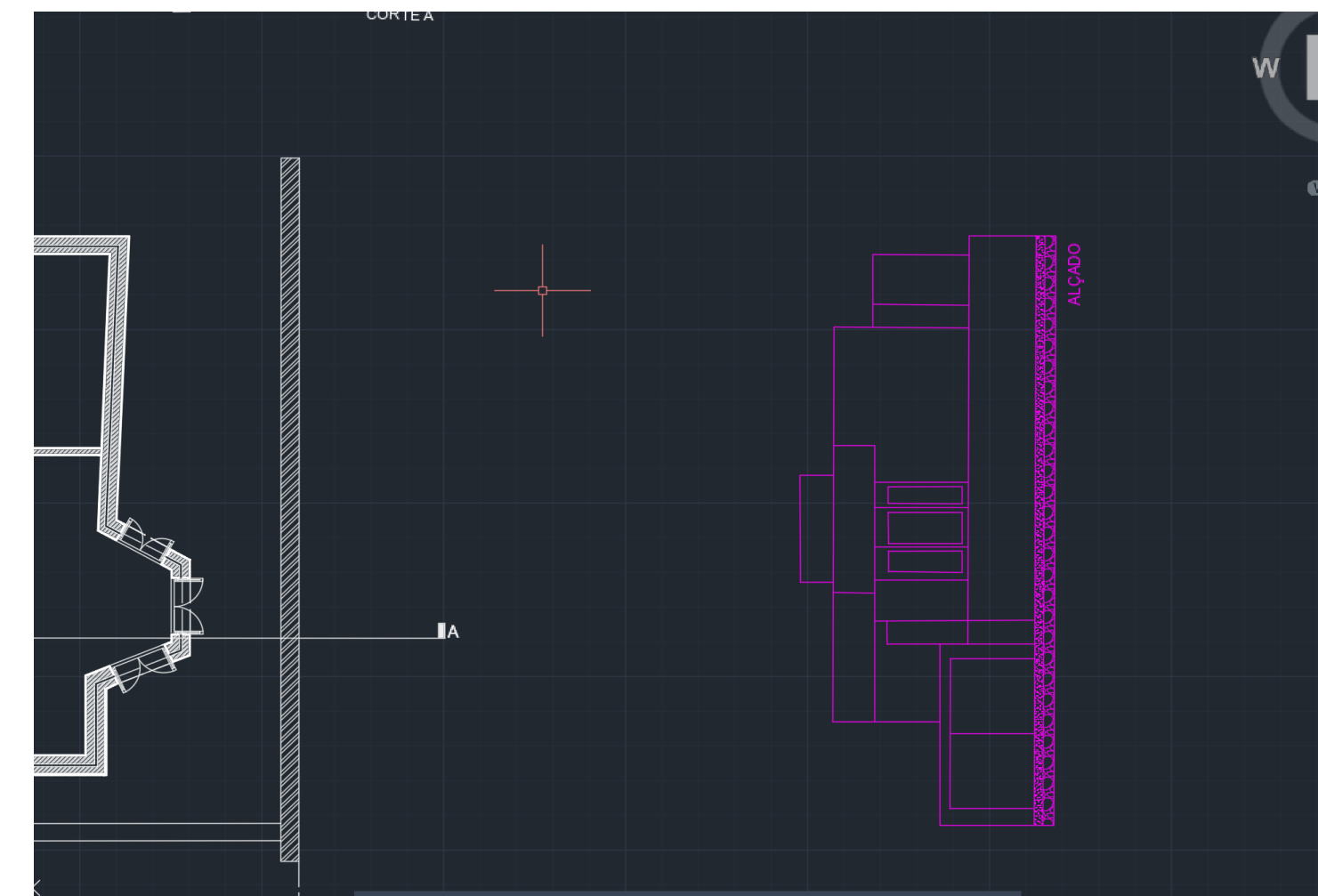


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Exerc. 1.1 – ACAD 2D

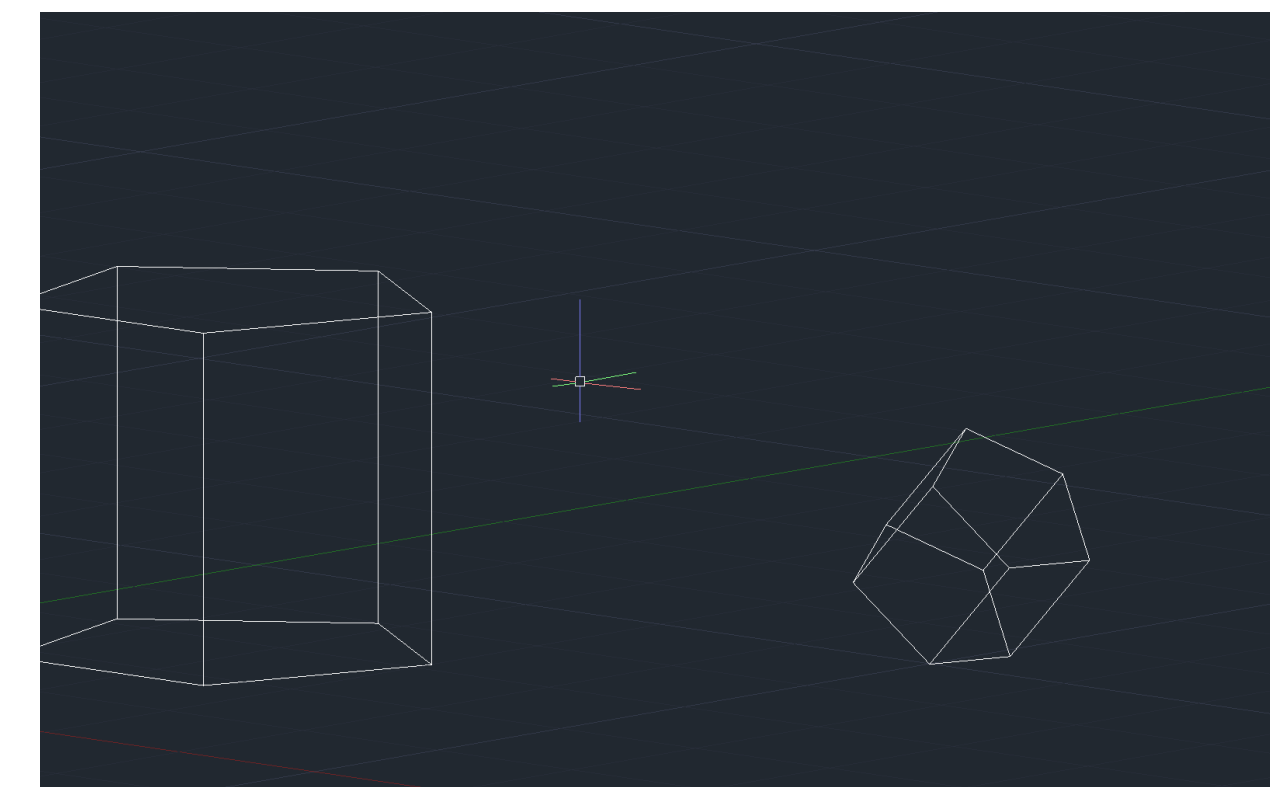
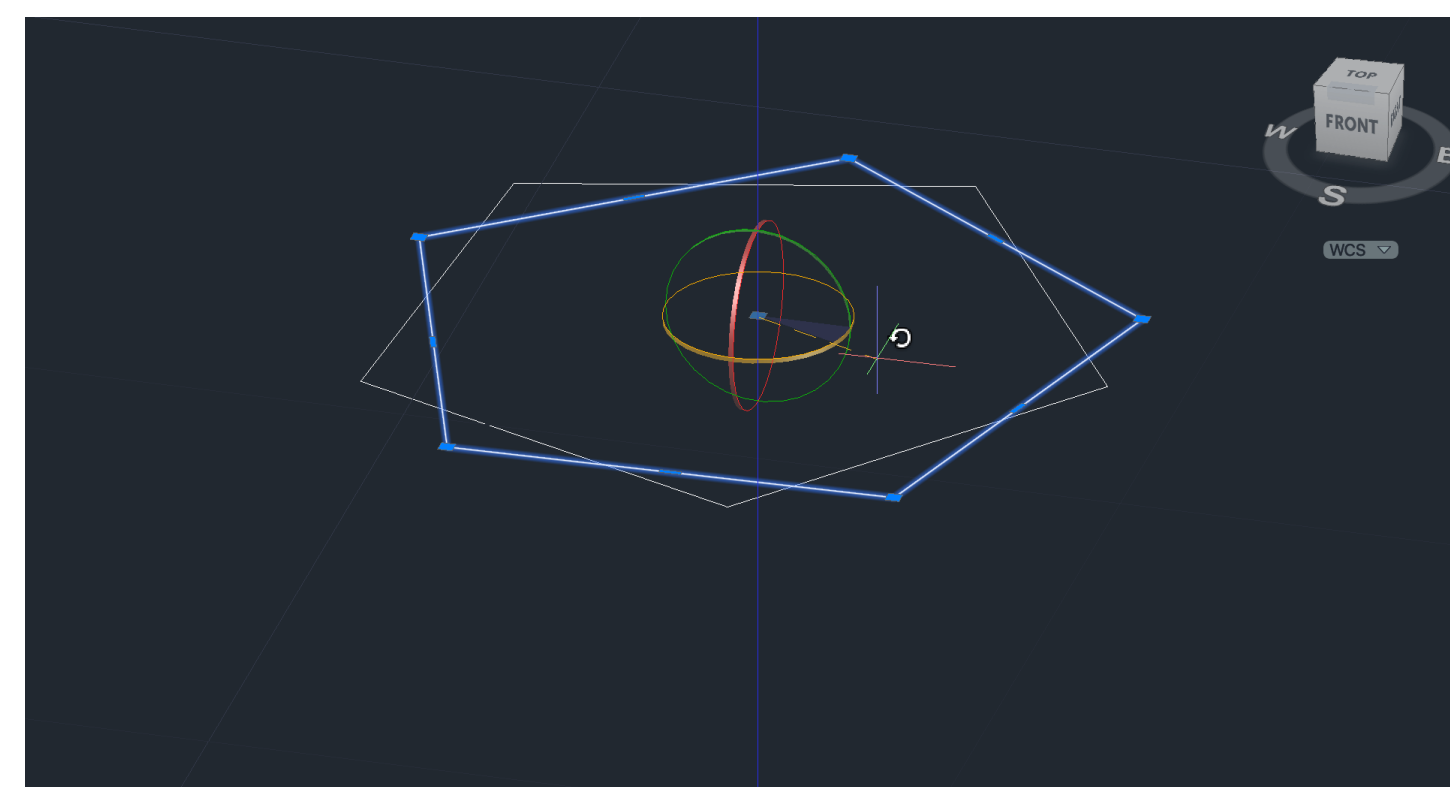
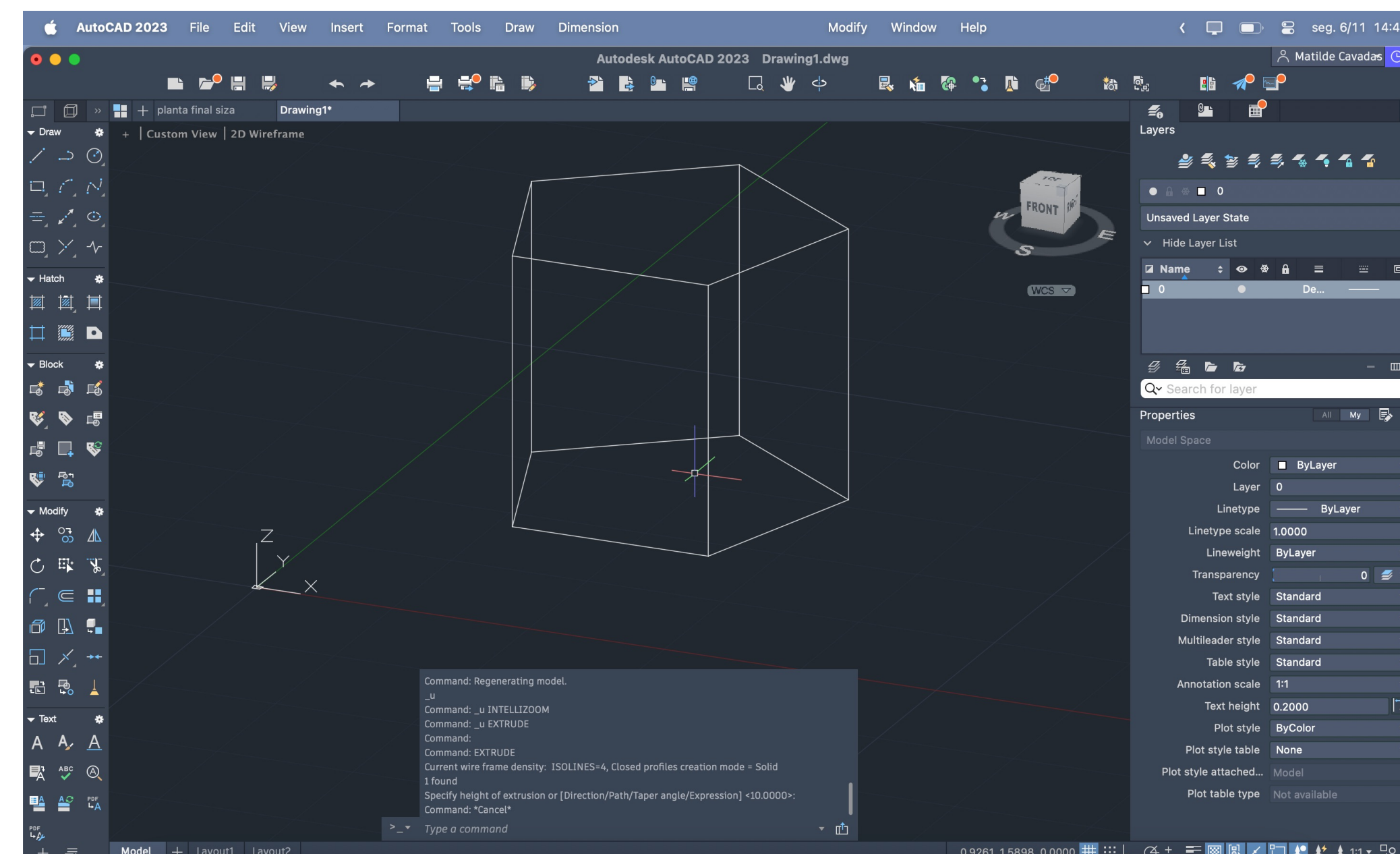
*Aula 12: AutoCad
31/10/2023*

- > Continuação da aula anterior;
 - > Alçado;
 - > Figura 3D.



Aula 13: AutoCad
6/11/2023

- > Comado orbit e extrude;
 - > Rotate 3D;
 - > 3D Rotate;
- > Operações booleanas.

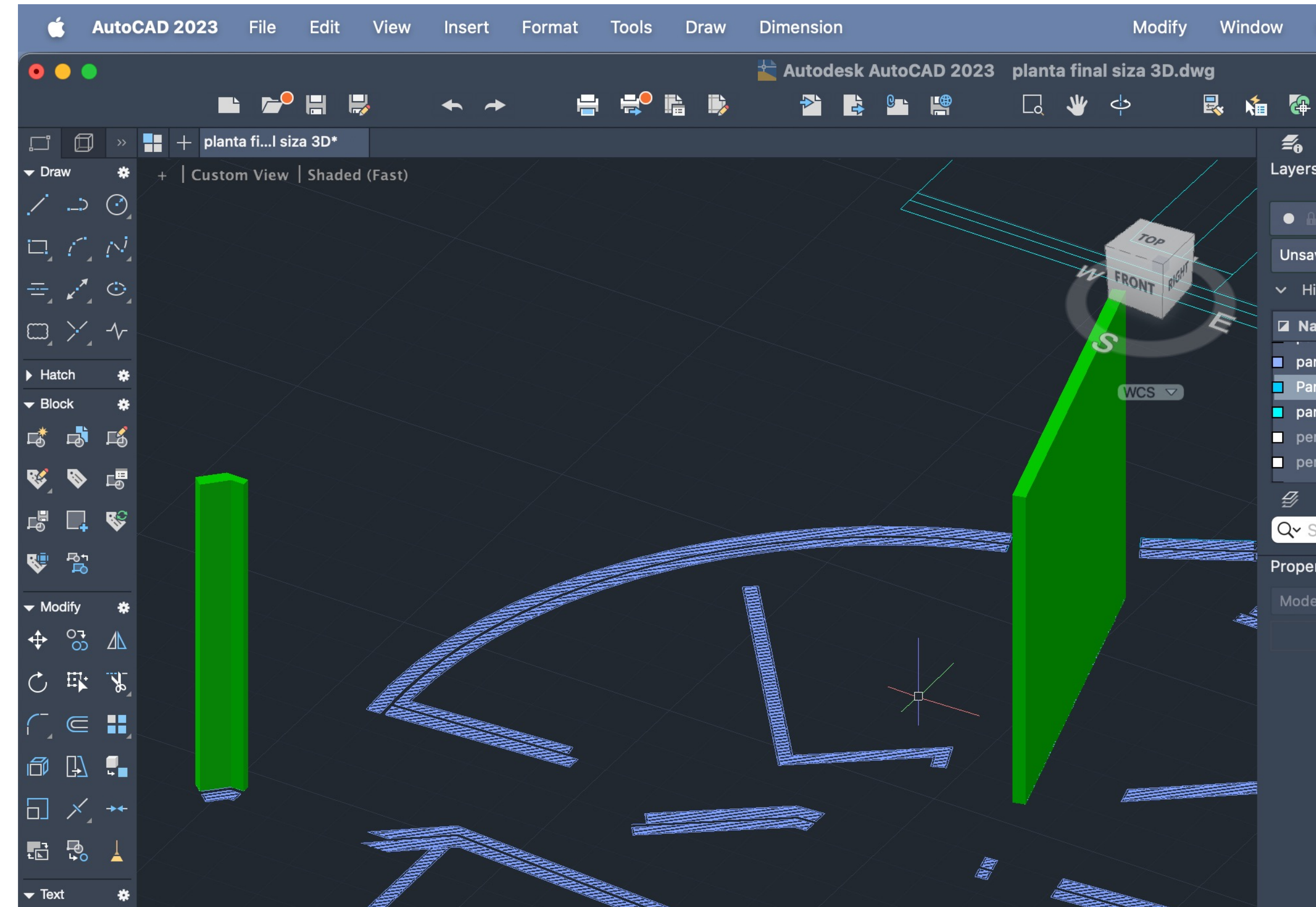


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Exerc. 1.2 – ACAD 3D

Aula 14: AutoCad
7/11/2023

- > Modelação Autocad em 3D;
- > Comando Visualstyles;
- > Extrusão das paredes na planta da Casa do Siza.

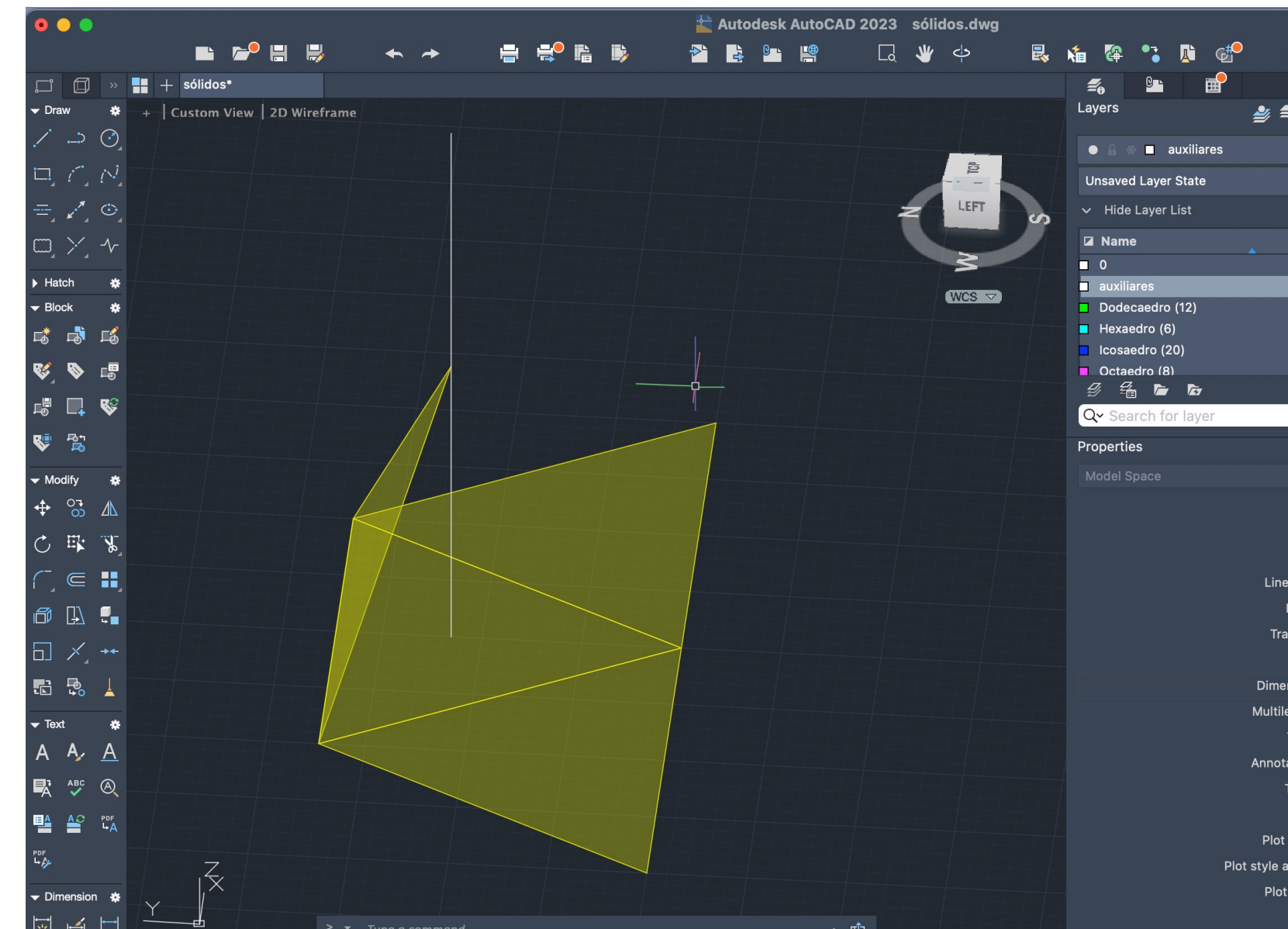
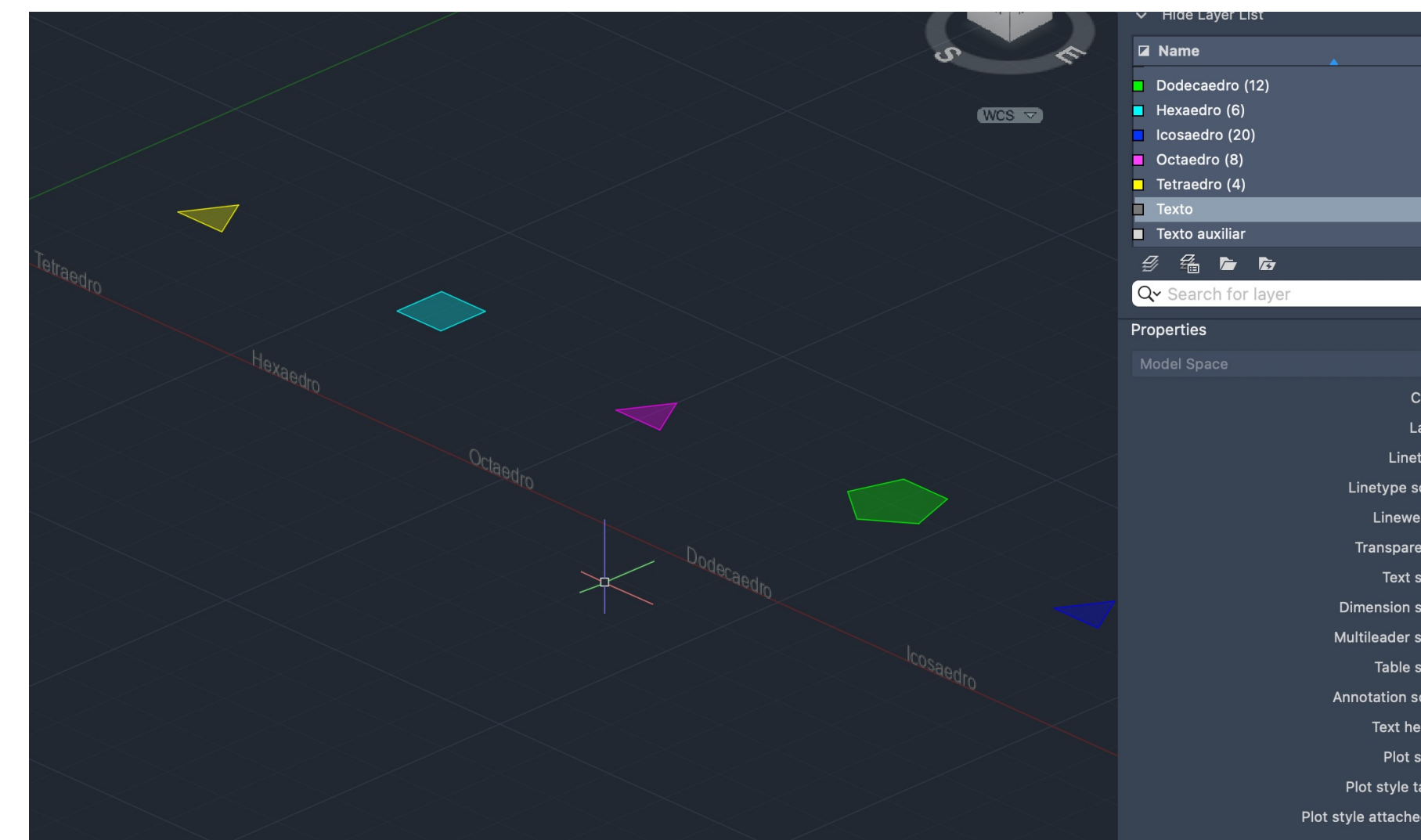


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Exerc. 1.2 – ACAD 3D

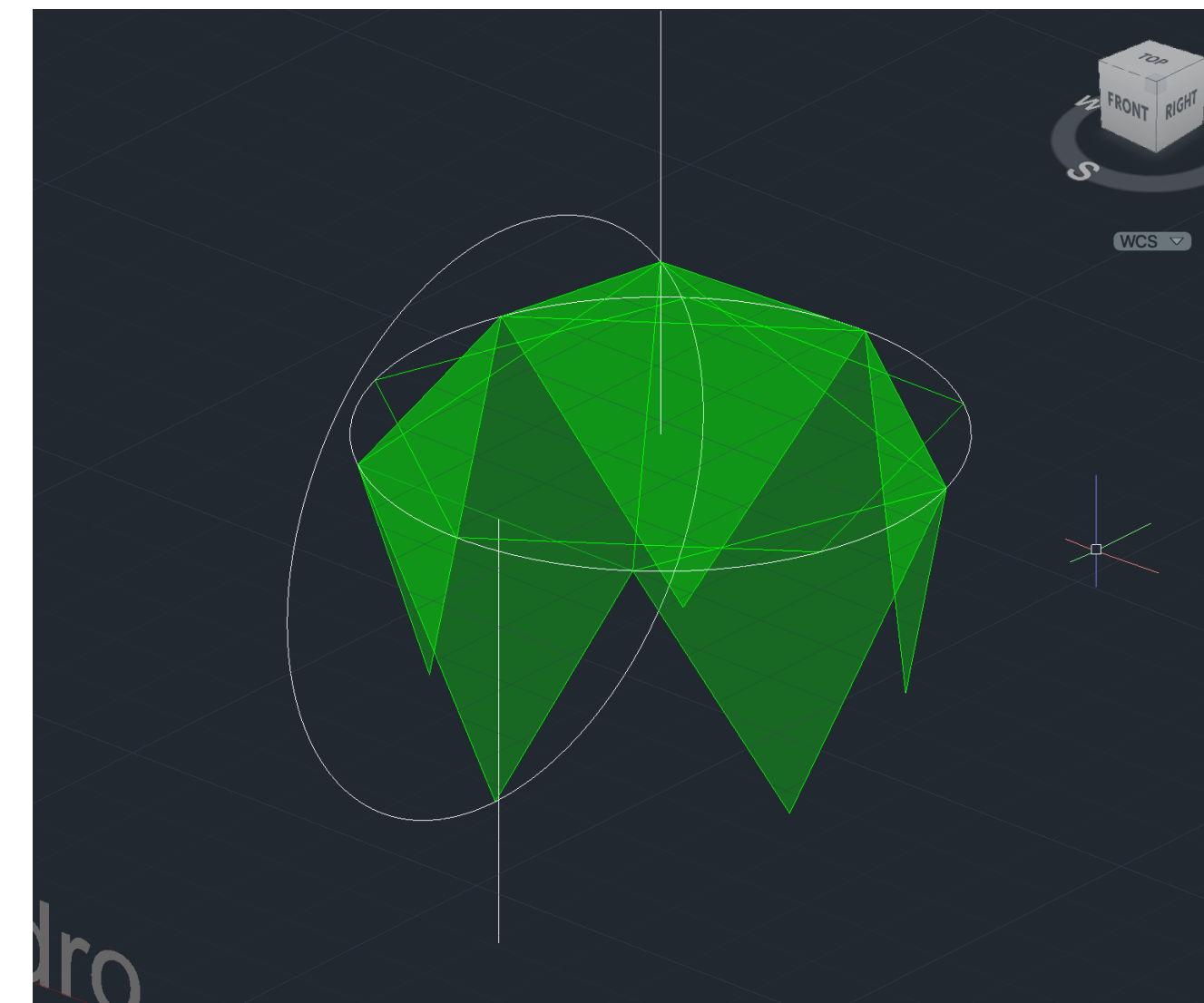
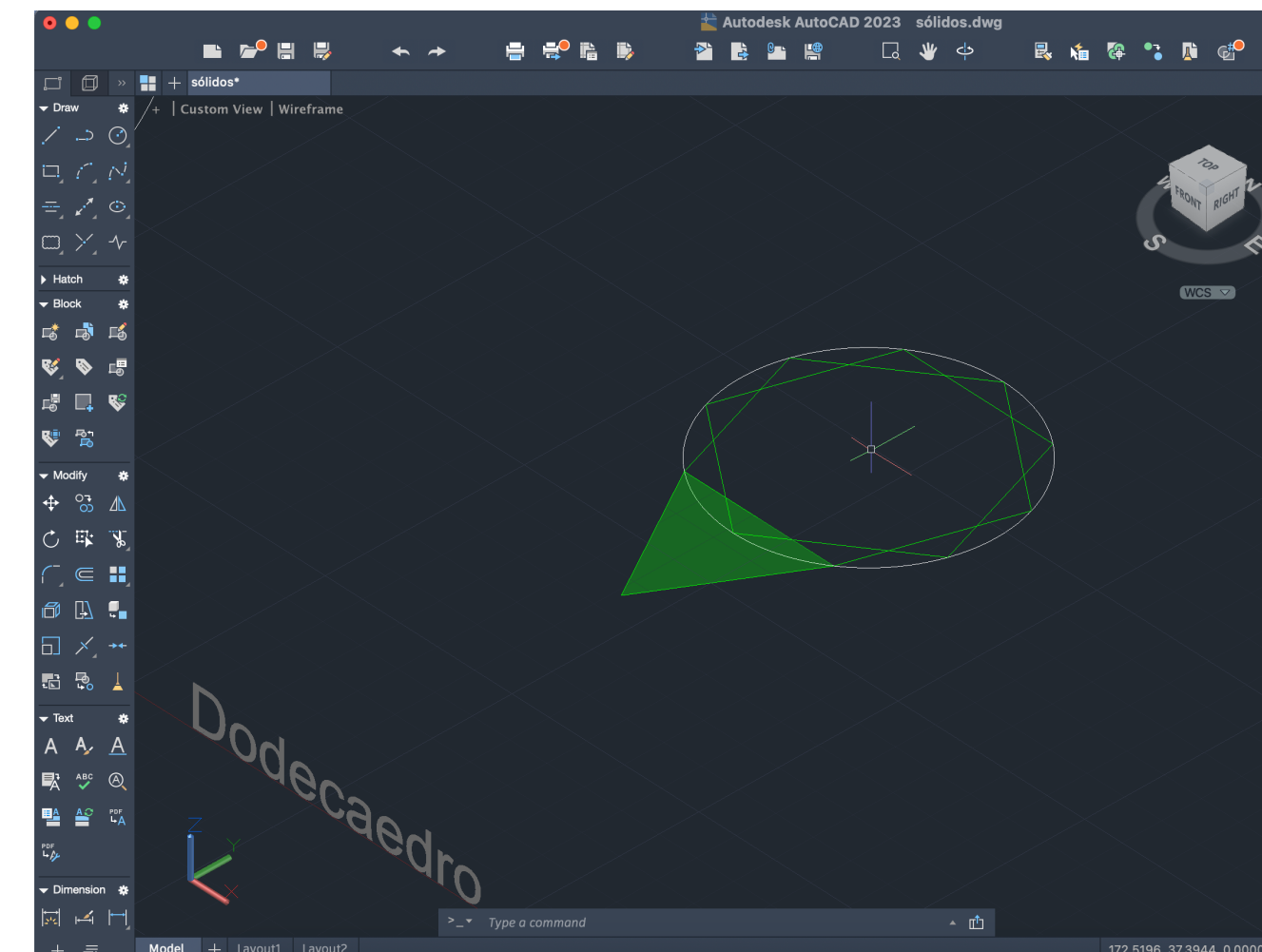
Aula 15: AutoCad
13/11/2023

- > Modelação Autocad em 3D;
- > Poliedros/Sólidos: Tetraedro, Hexaedro, Octaedro, Dodecaedro, Icosaedro;
 - > 3D rotate e rotate3D
 - > 3Darray
 - > 3Dmirror



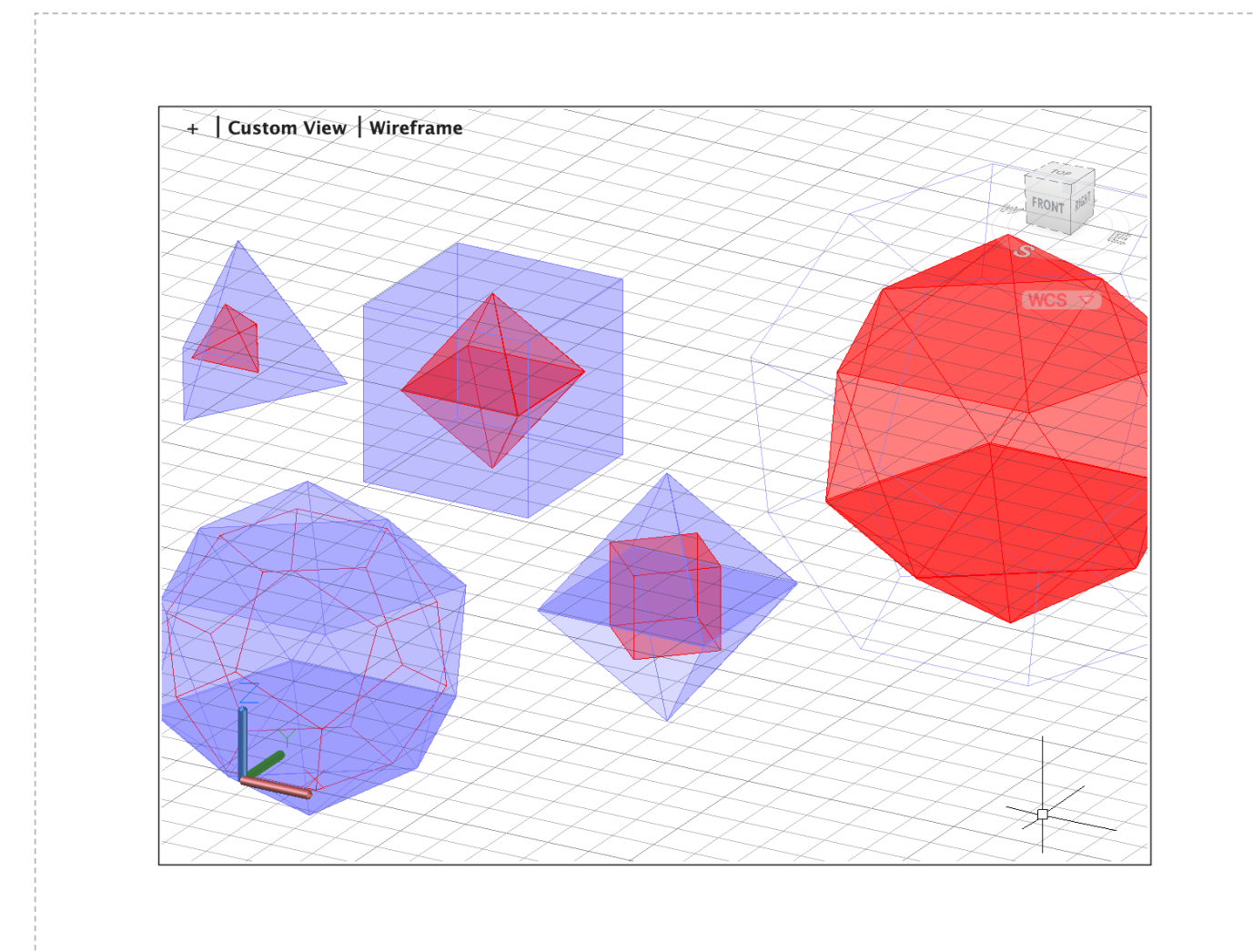
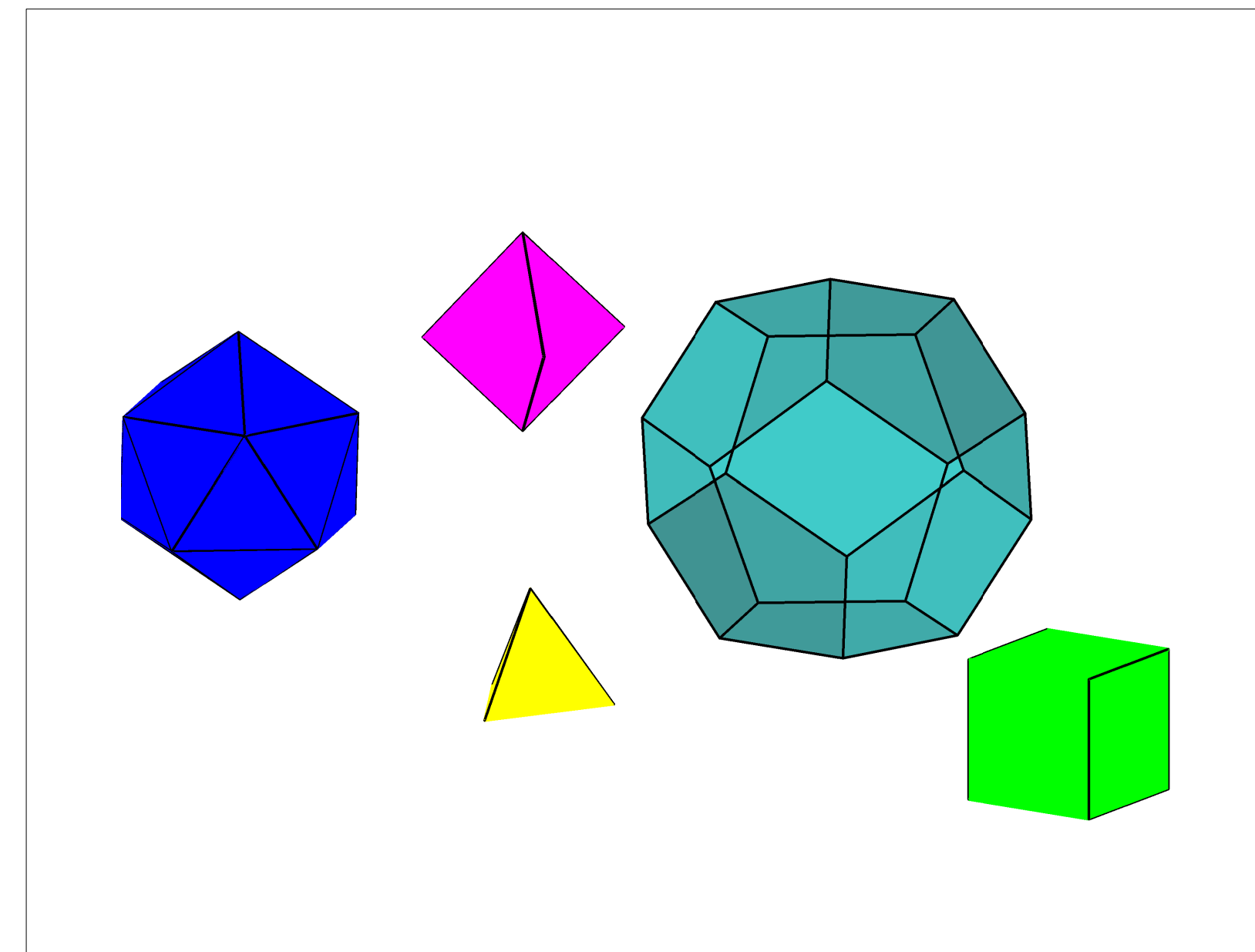
Aula 16: AutoCad
14/11/2023

- > Modelação Autocad em 3D;
- > Continuação dos Poliedros/Sólidos: Tetraedro, Hexaedro, Octaedro, Dodecaedro, Icosaedro;



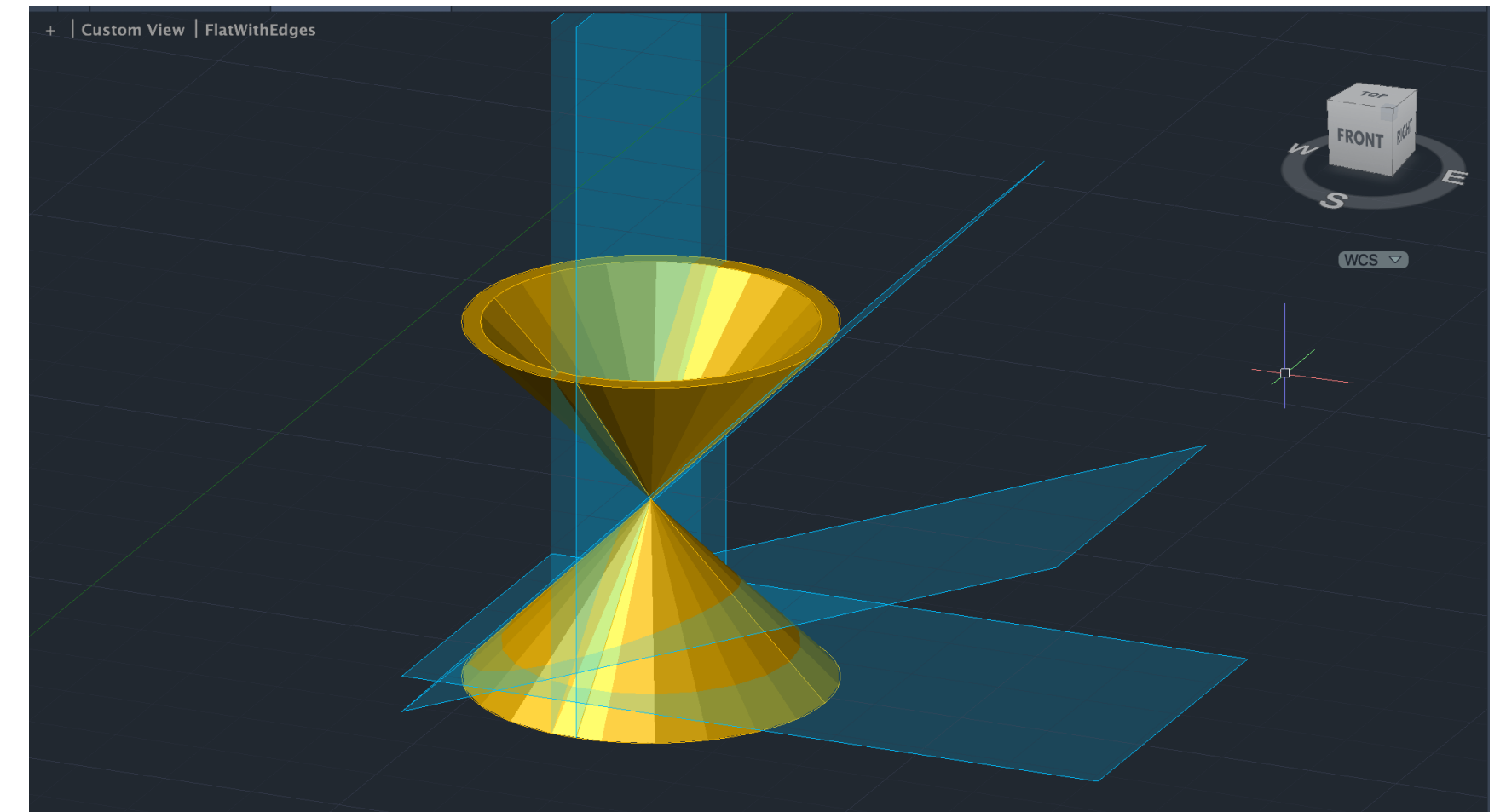
Aula 16: AutoCad
14/11/2023

- > Modelação Autocad em 3D;
- > Continuação dos Poliedros/Sólidos: Tetraedro, Hexaedro, Octaedro, Dodecaedro, Icosaedro;
- > Dualidade entre sólidos platónicos.



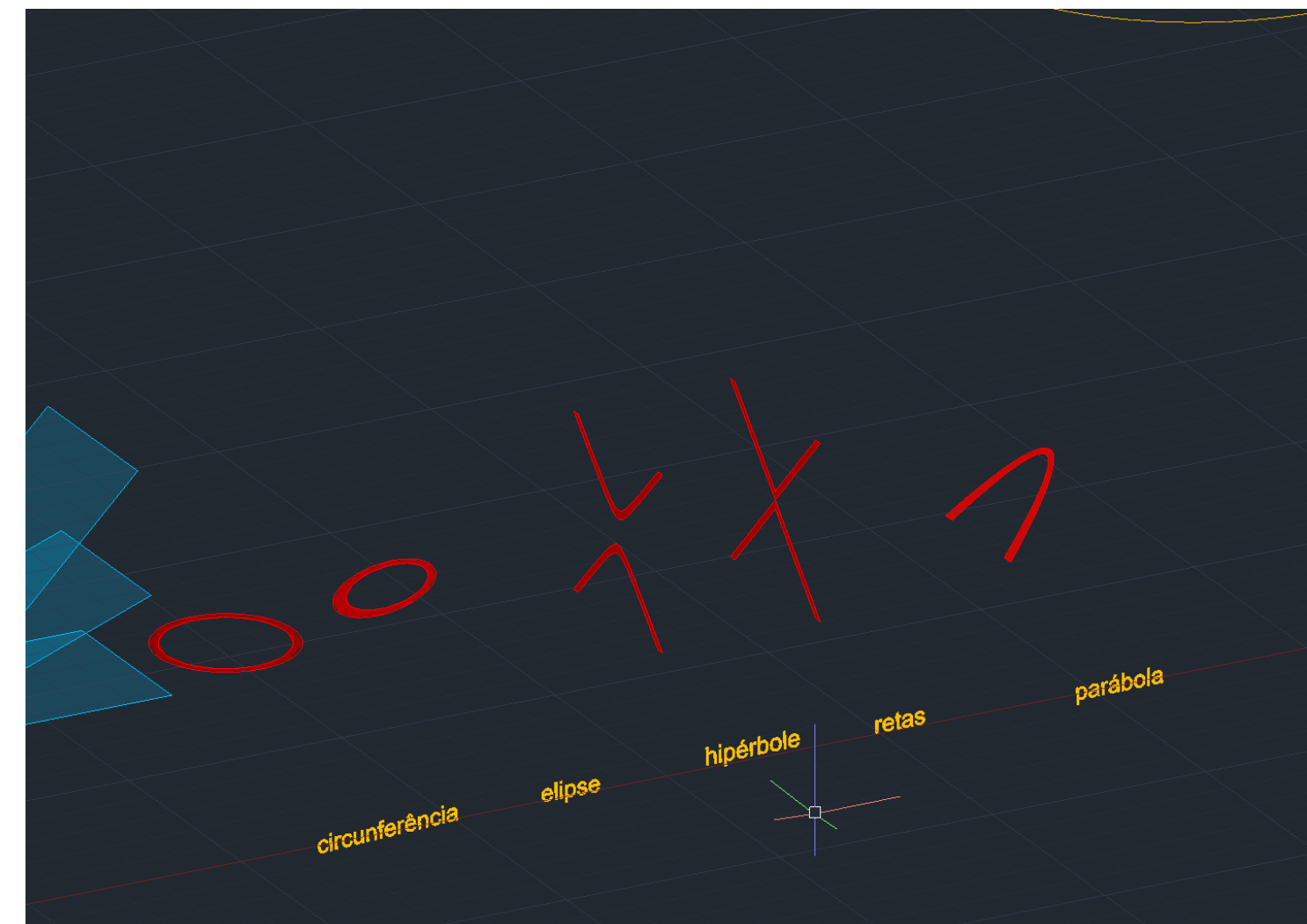
Aula 17: AutoCad
20/11/2023

- > Modelação Autocad em 3D;
- > Construção rampa Guggenheim.



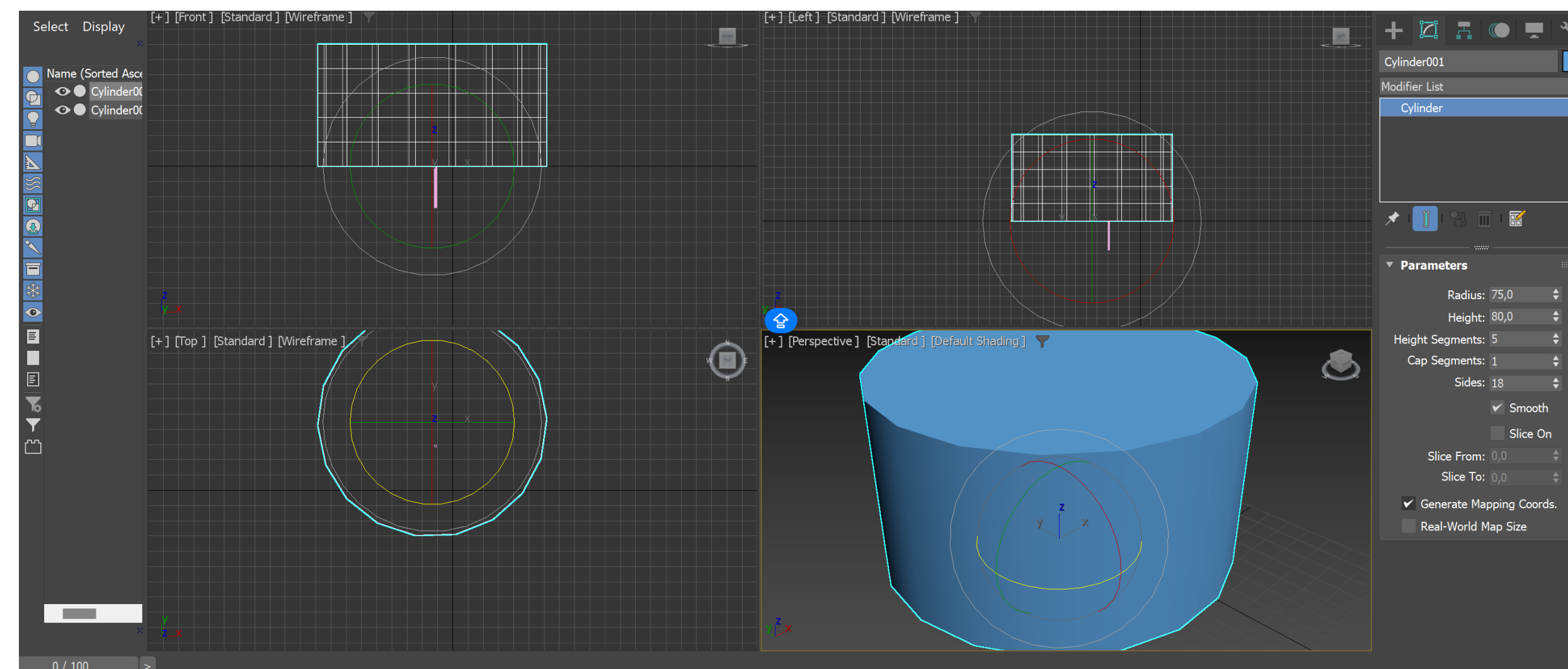
Aula 18: AutoCad
21/11/2023

- > Modelação Autocad em 3D;
- > Cone;
- > Section.



Aula 19: 3DS MAX
27/11/2023

- > Introdução ao programa;
- > Análise de Interface;
- > Modelação e edição;

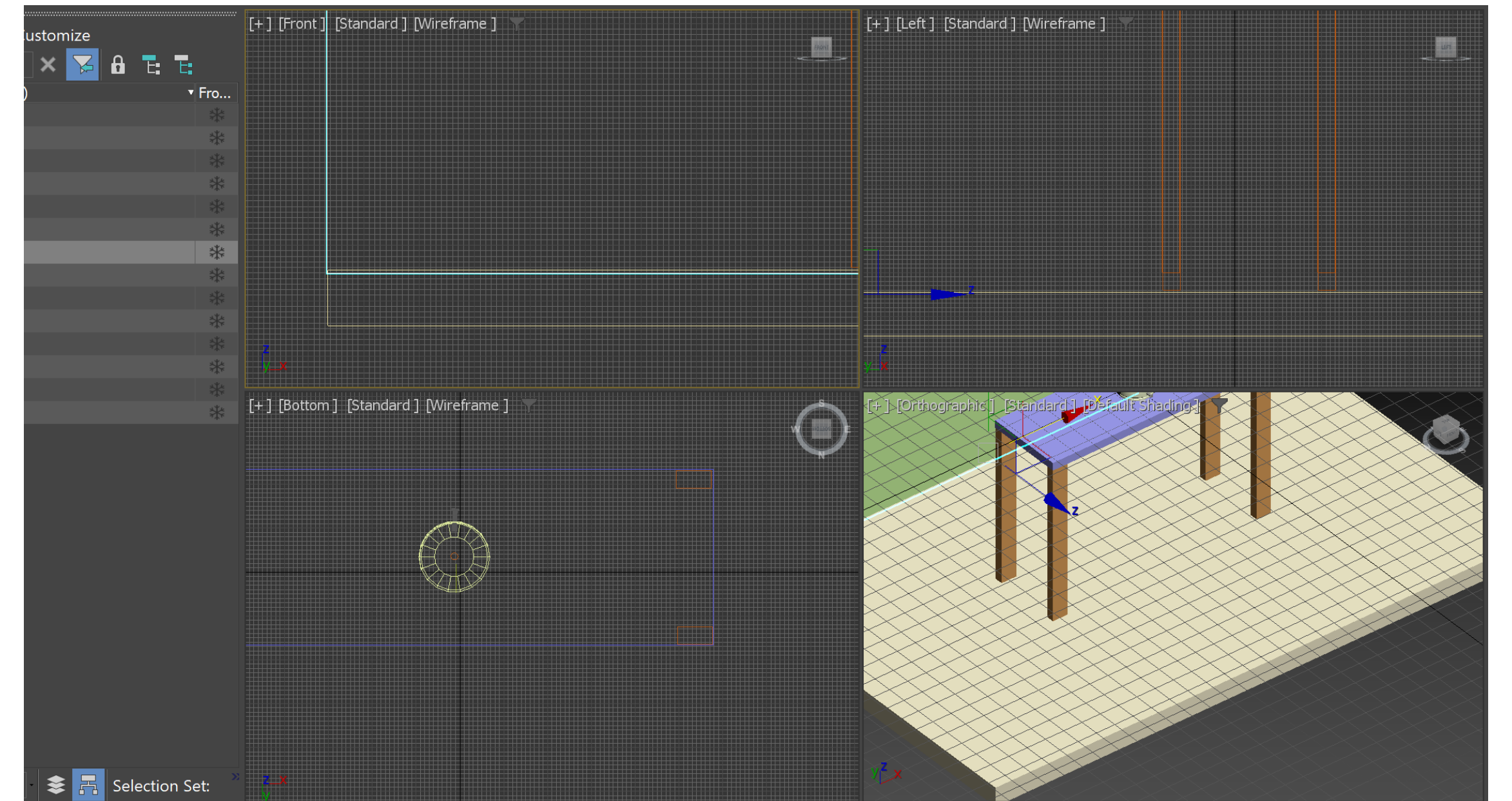


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Exerc. 2 – 3DSMAX

Aula 20: 3DS MAX
28/11/2023

- > Clone;
- > Material Editor;

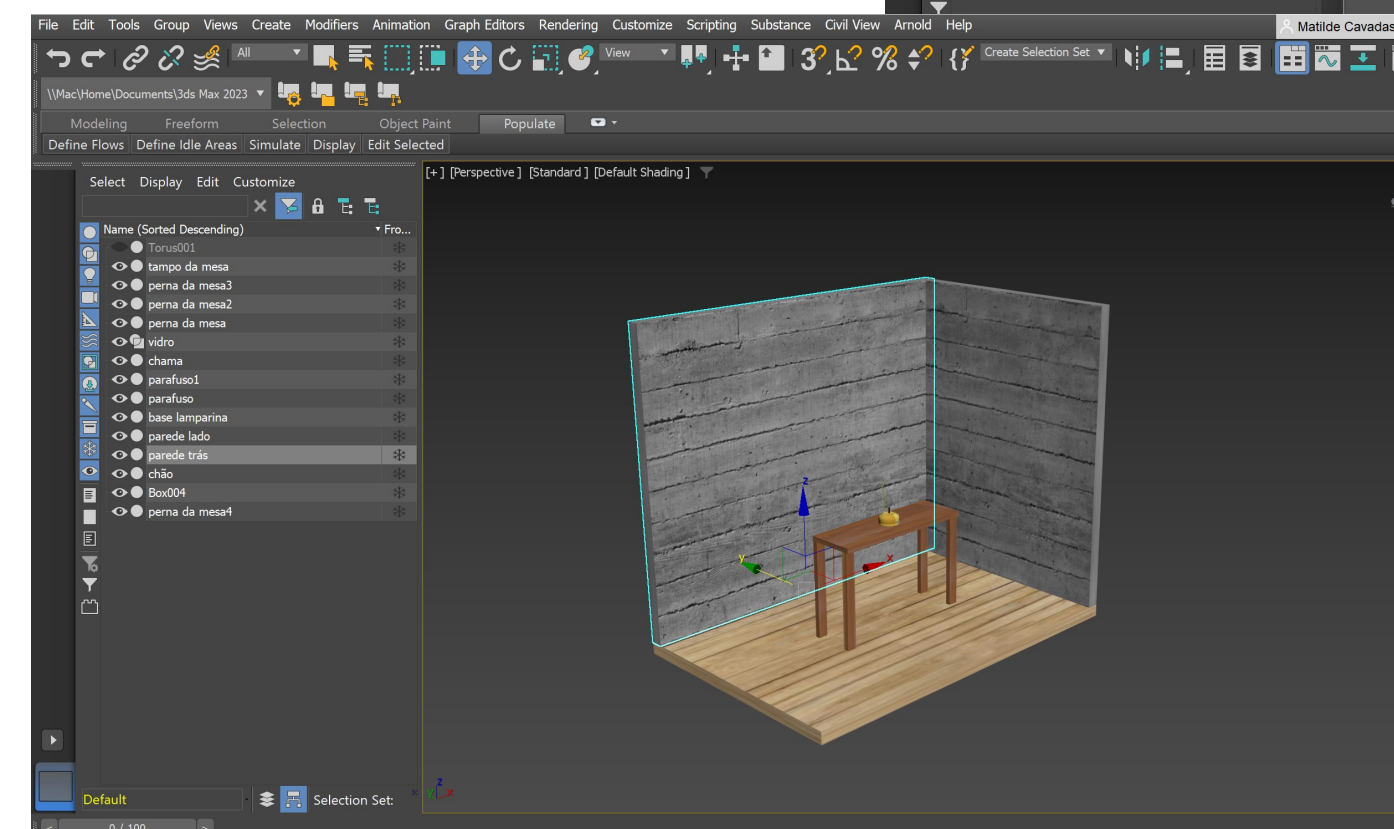
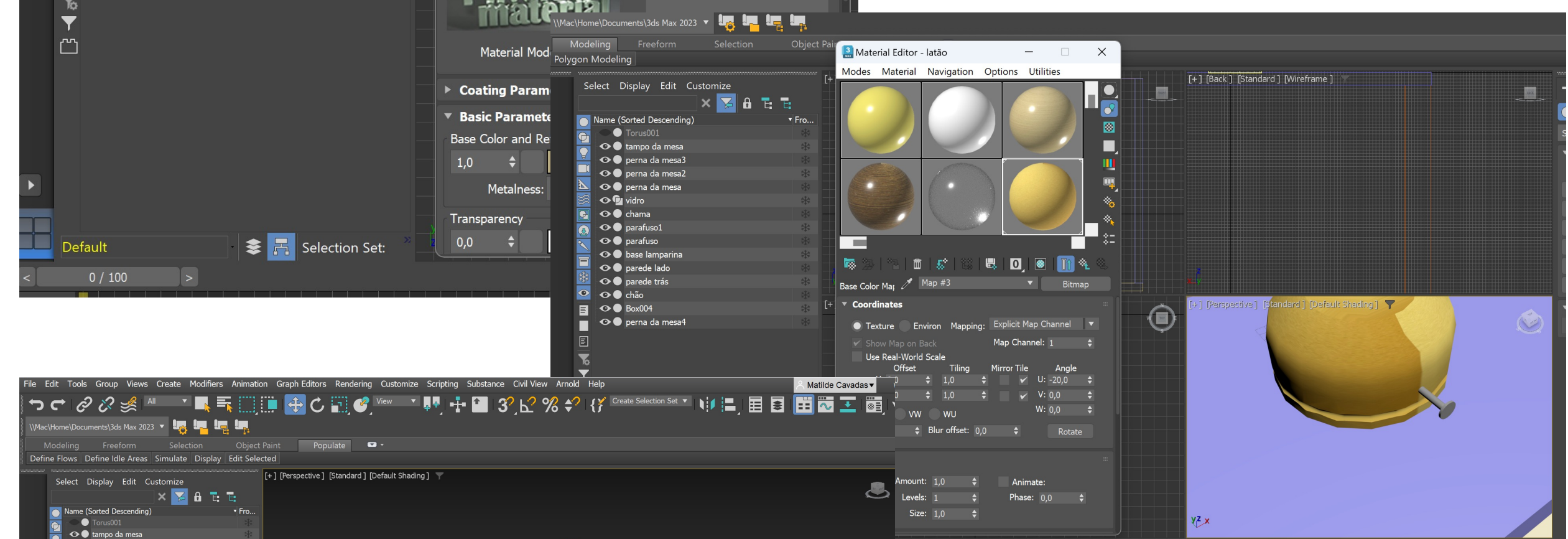
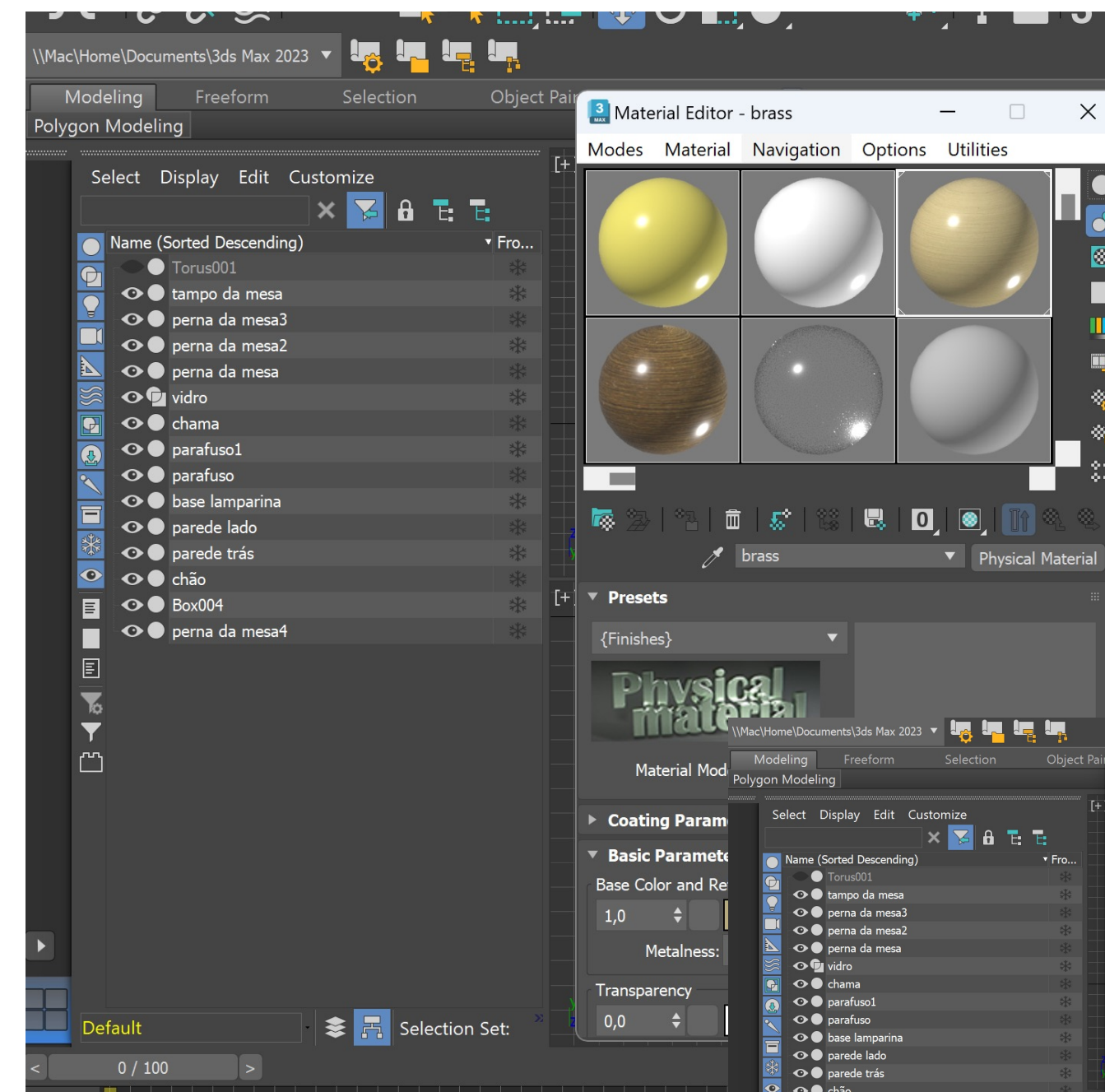


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Exerc. 2 – 3DSMAX

Aula 21: 3DS MAX
04/12/2023

- > Continuação da aula anterior;
- > Nomes das camadas;
- > textura.



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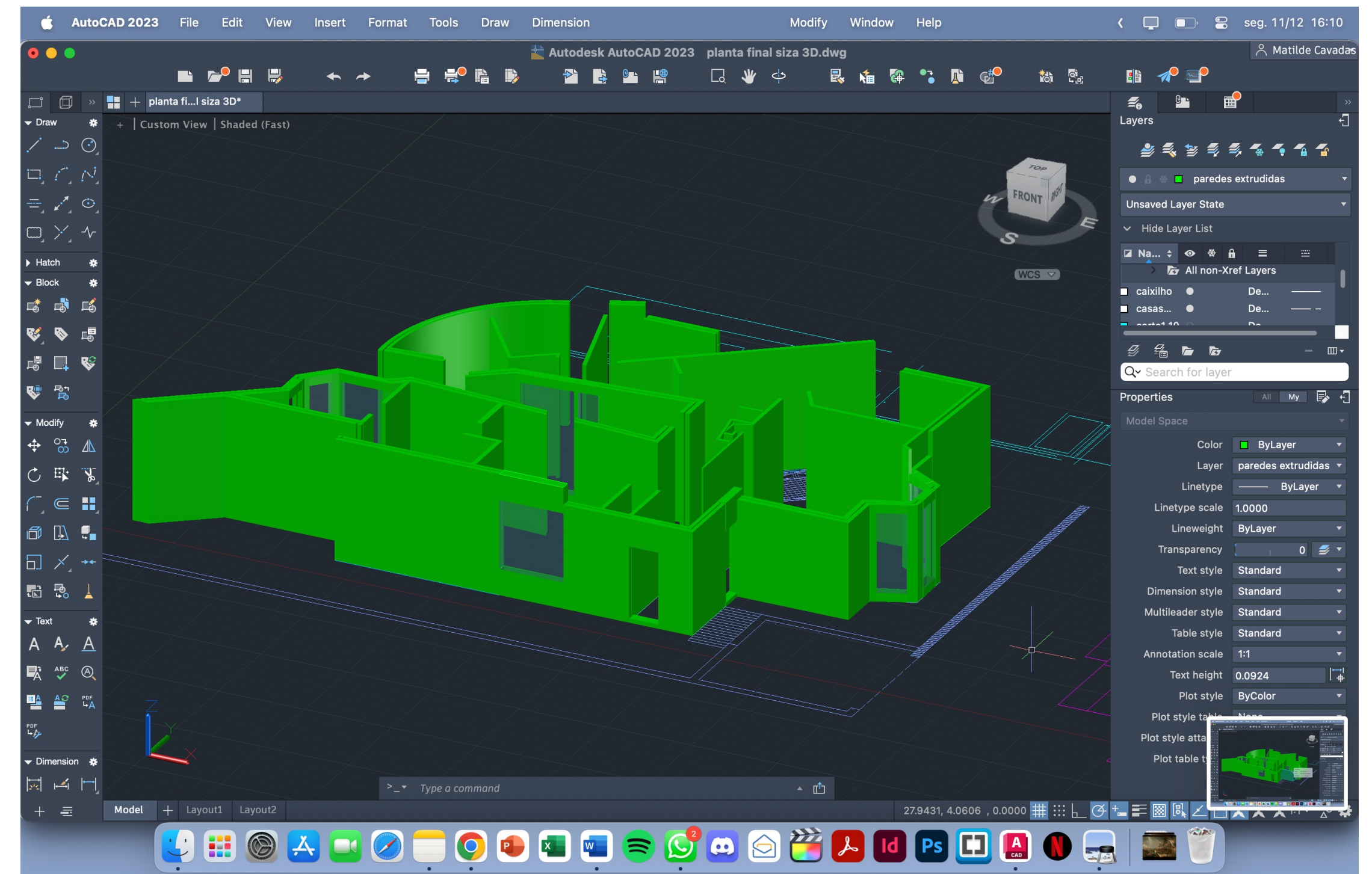
Exerc. 2 – 3DSMAX

Aula 22: 3DS MAX
05/12/2023

- > Continuação da aula anterior;
 - > Luz;
 - > Render.

Aula 23: AutoCad + 3DS MAX
11/12/2023

> Casa do Siza.

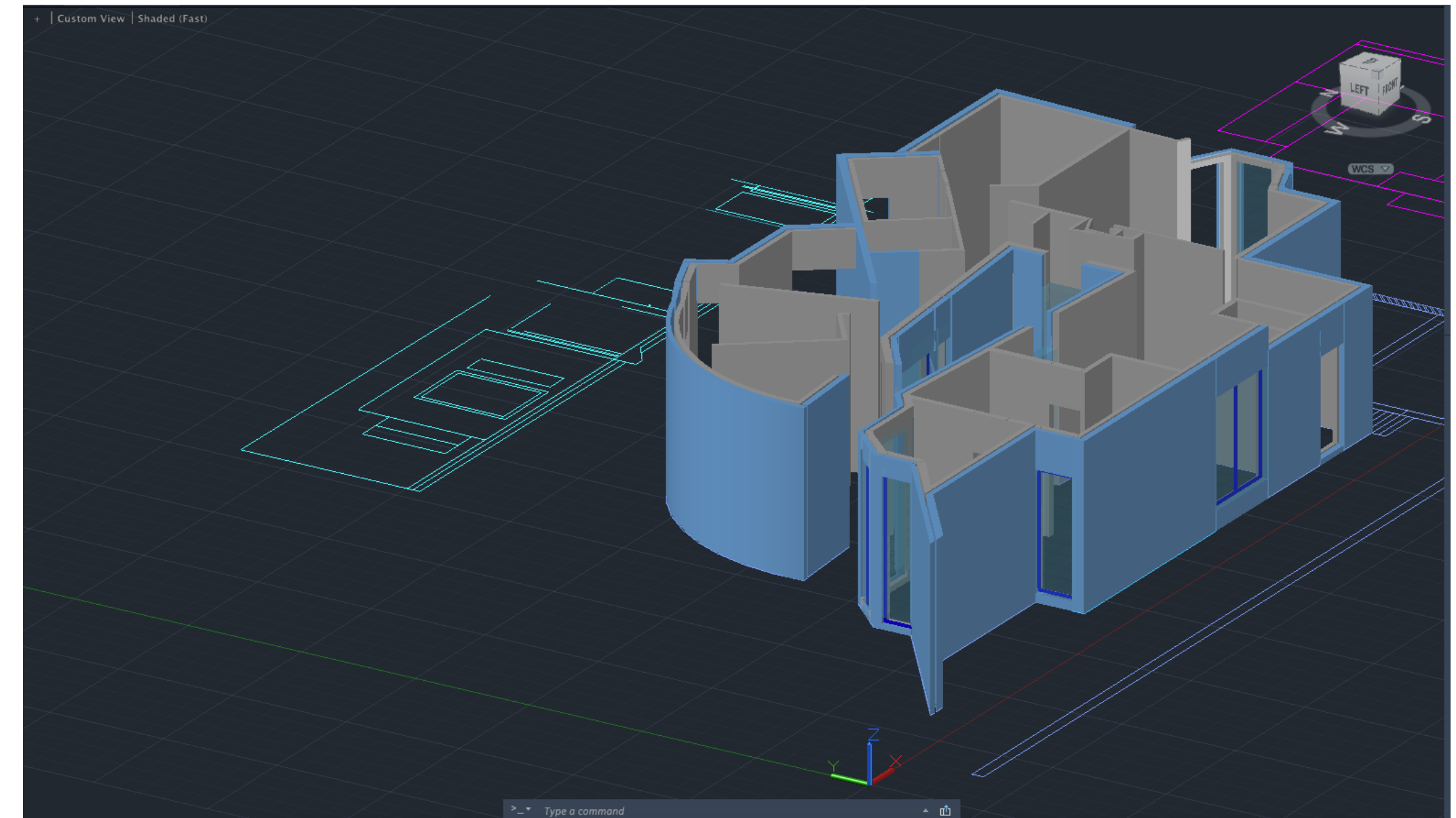


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Exerc. 2 – 3DSMAX

*Aula 24: AutoCad + 3DS MAX
12/12/2023*

> Continuação da aula anterior.

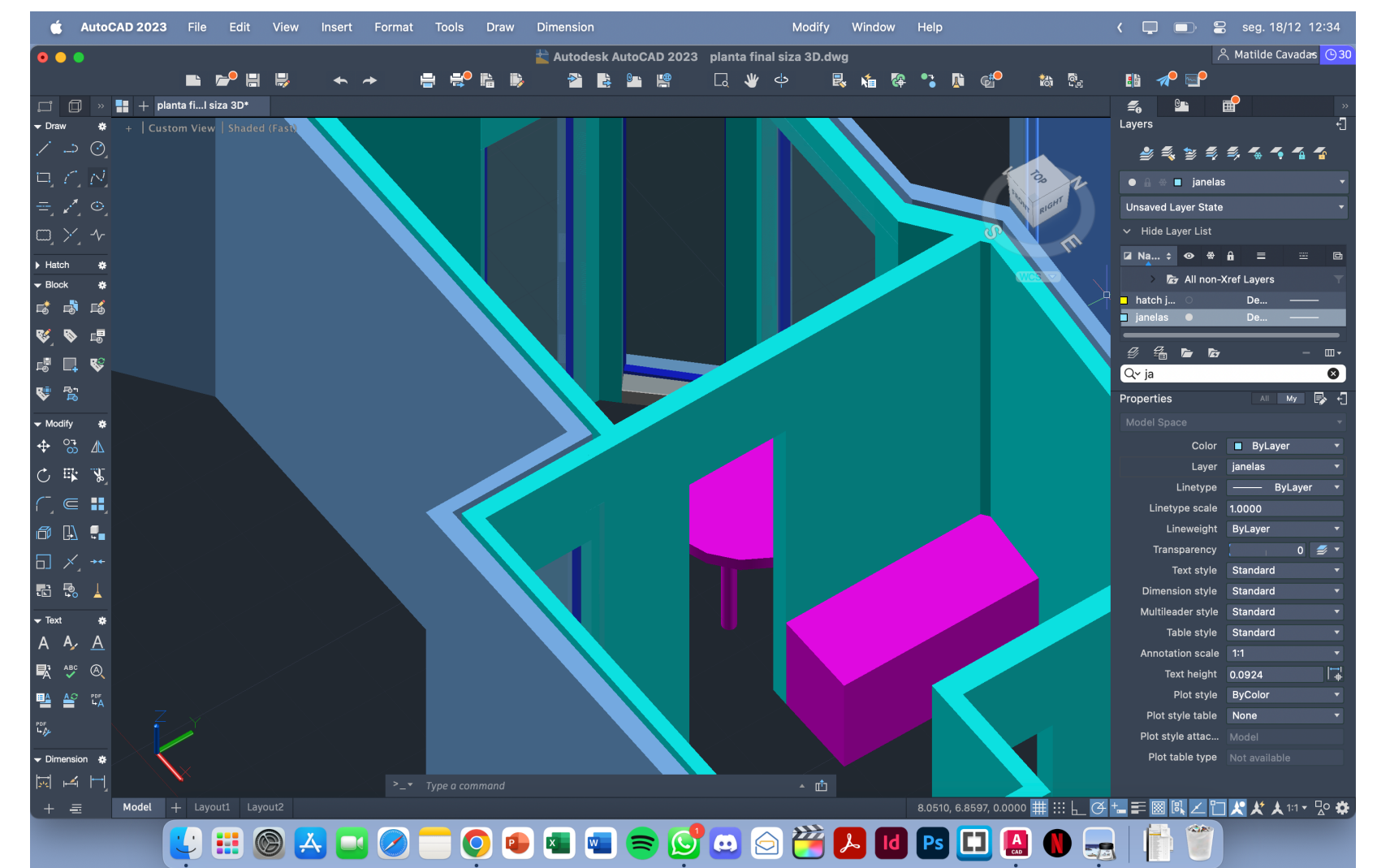
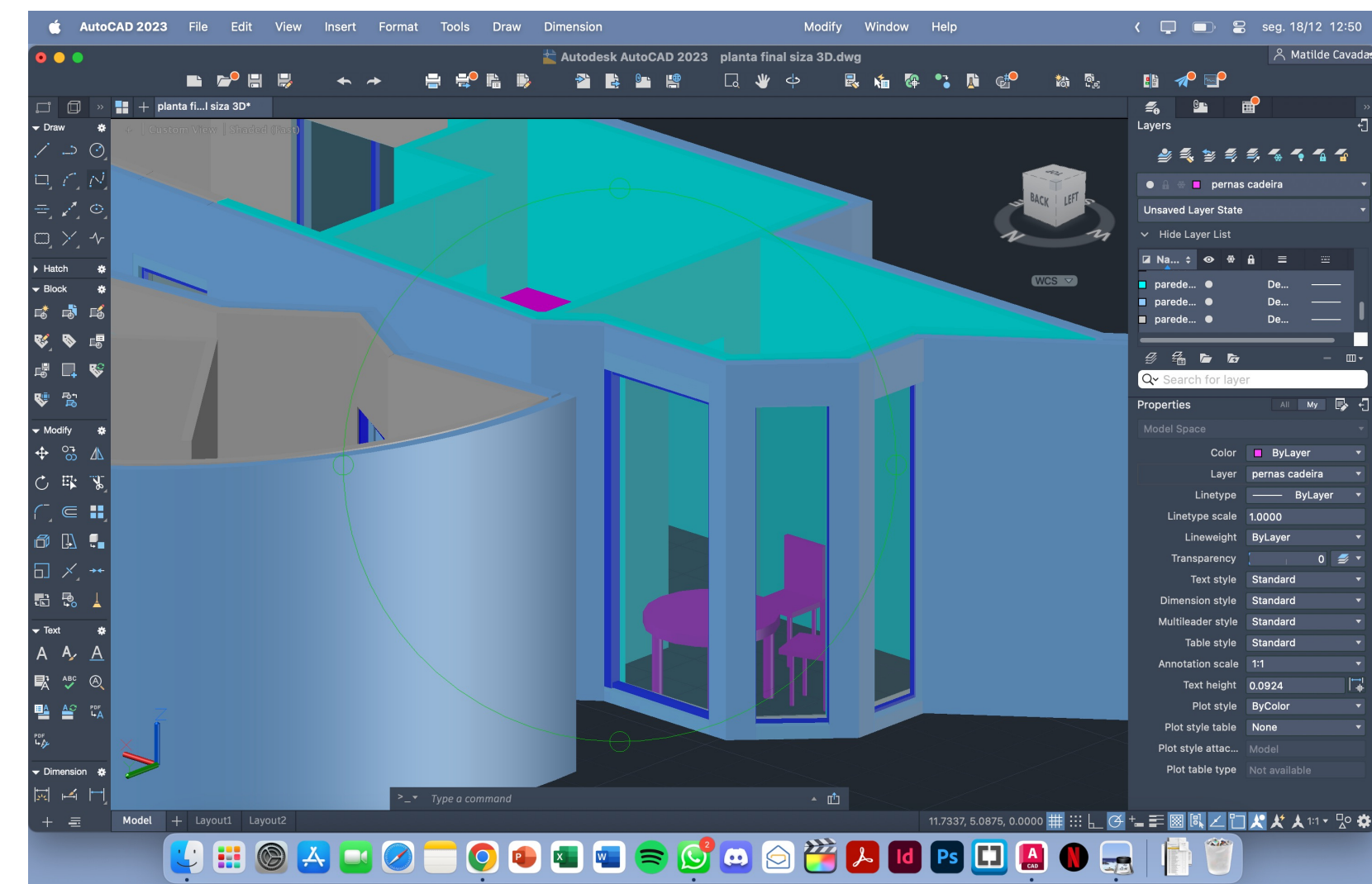


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Exerc. 2 – 3DSMAX

*Aula 25: AutoCad + 3DS MAX
18/12/2023*

> Continuação da aula anterior.

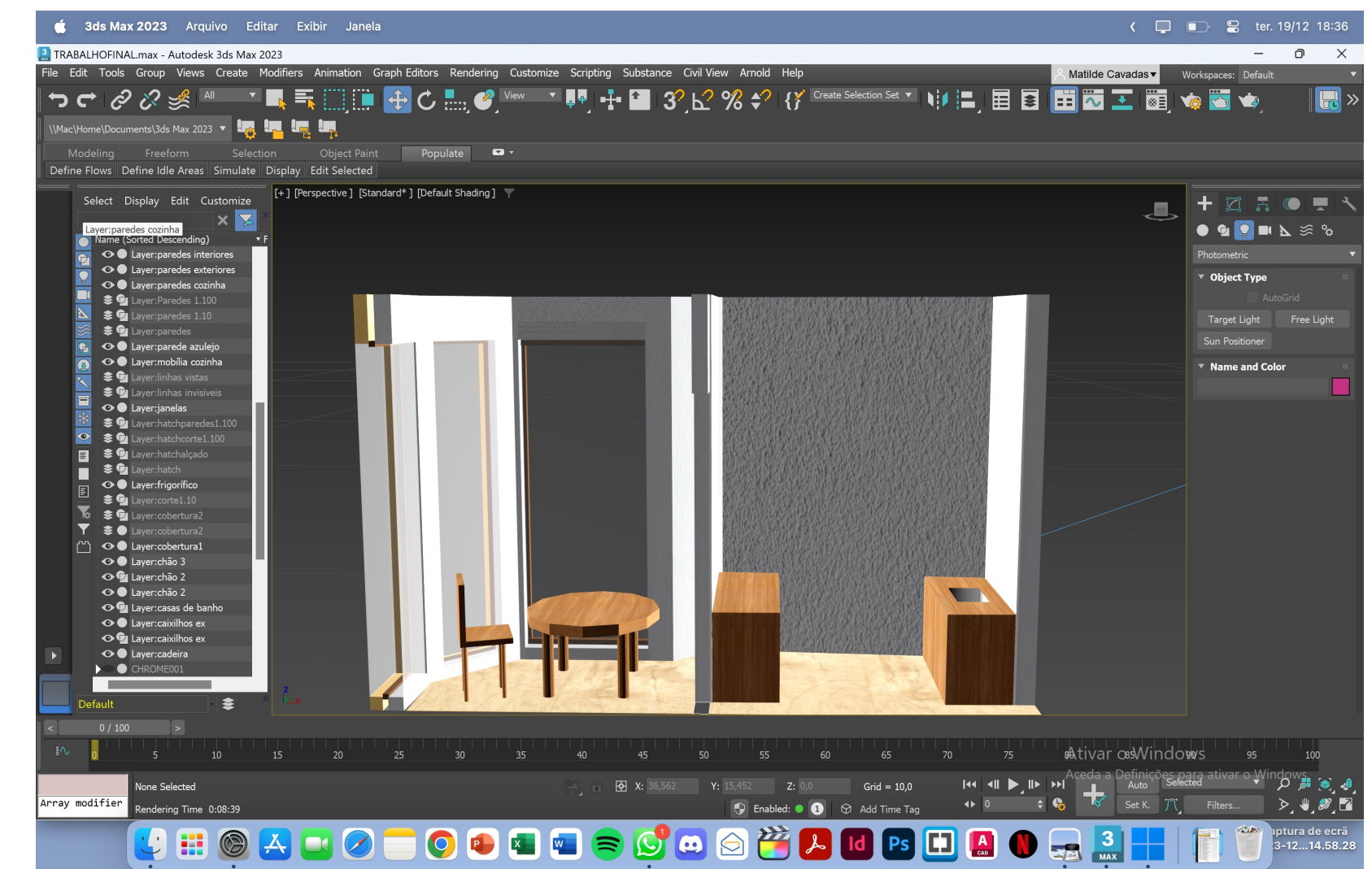
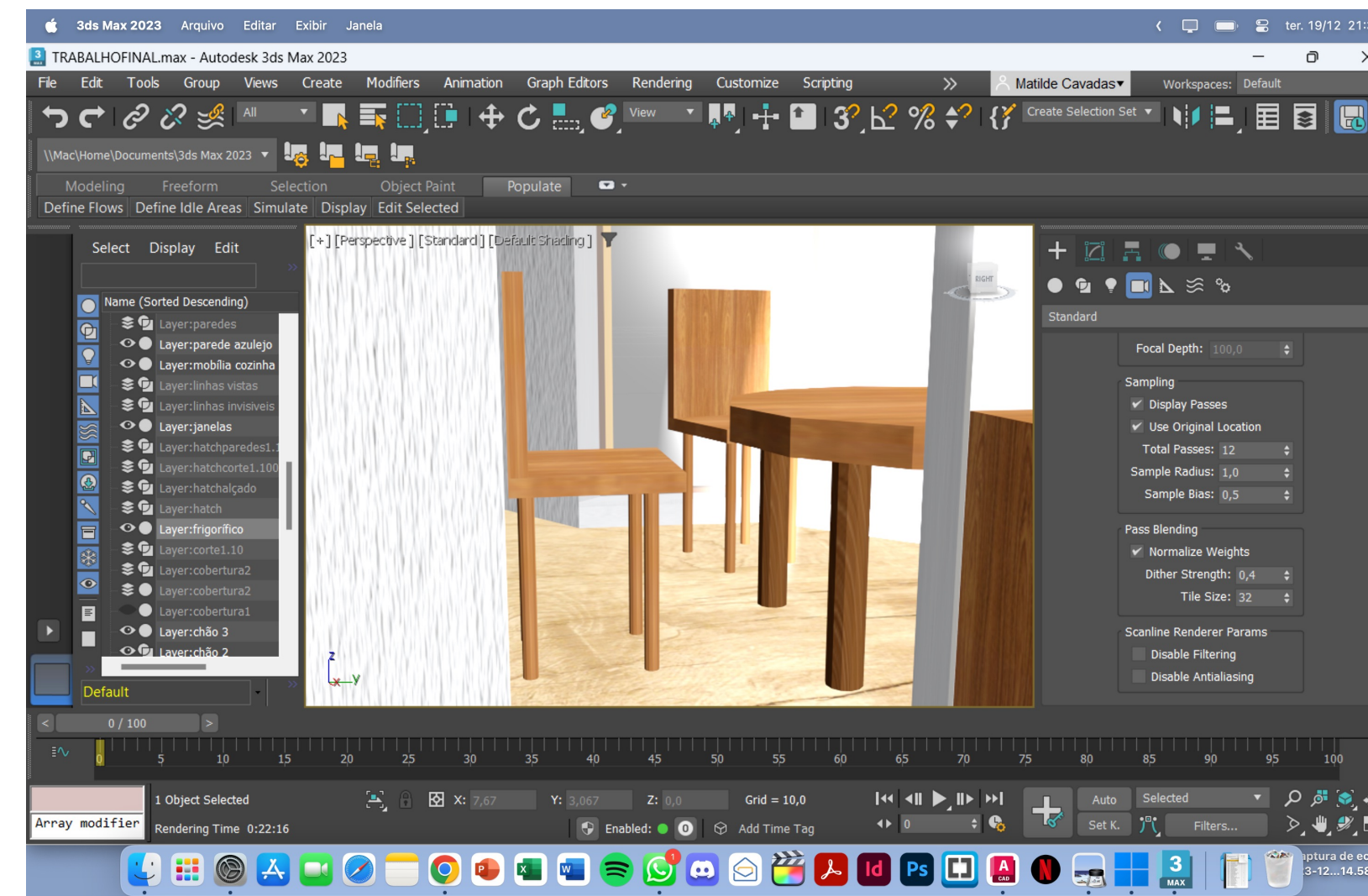


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Exerc. 2 – 3DSMAX

*Aula 26: AutoCad + 3DS MAX
19/12/2023*

> Continuação da aula anterior.



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Exerc. 2 – 3DSMAX