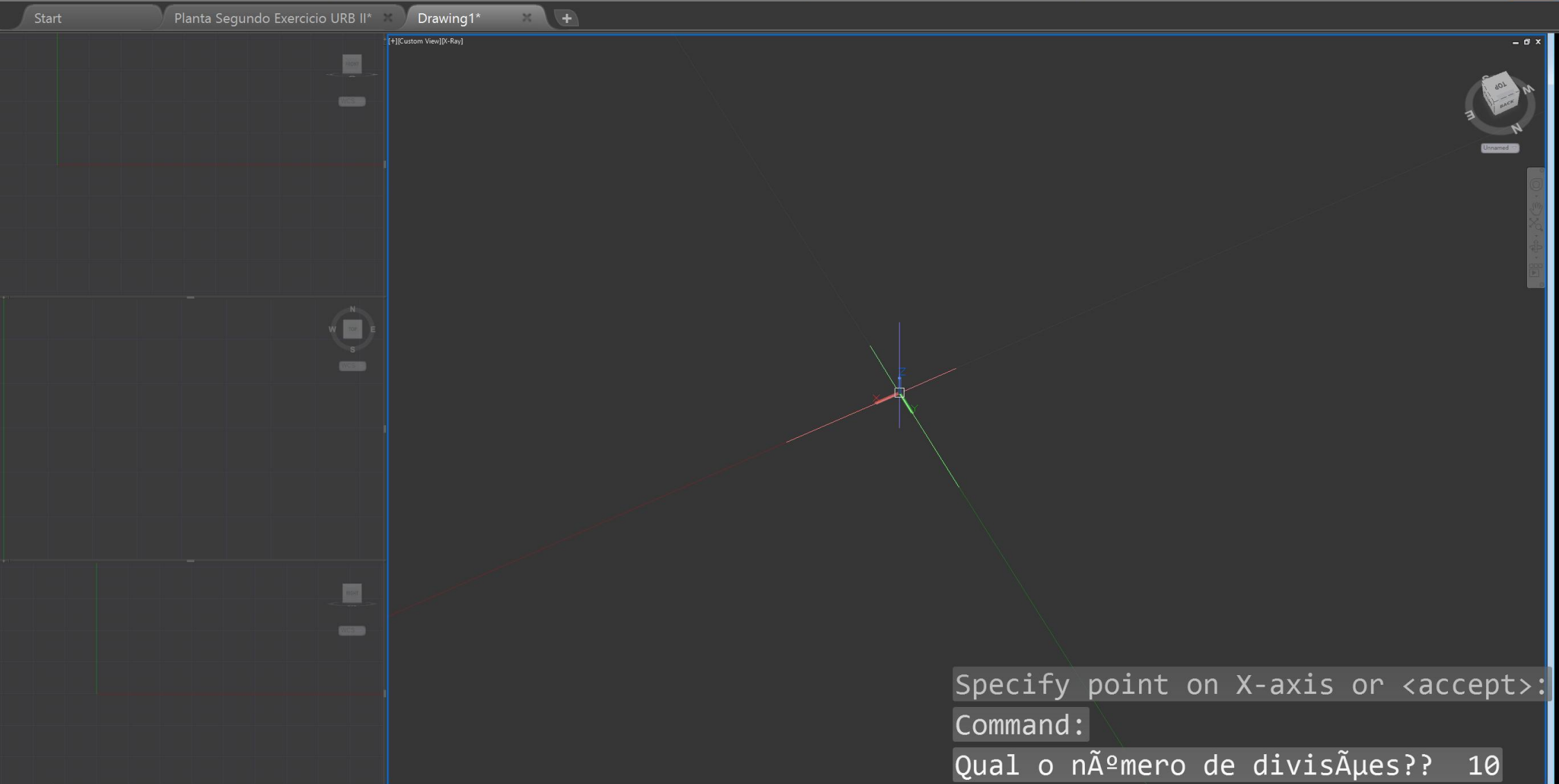


Start Planta Segundo Exercício URB II\* Drawing1\*

Indique o ponto de inserção da malha.  
Specify point on X-axis or <accept>:  
Command:

Qual o número de divisões?? 10



Qual a profundidade das vigas? .7

Home Insert Annotate Parametric View Manage Output Add-ins A360 Express Tools Featured Apps Performance

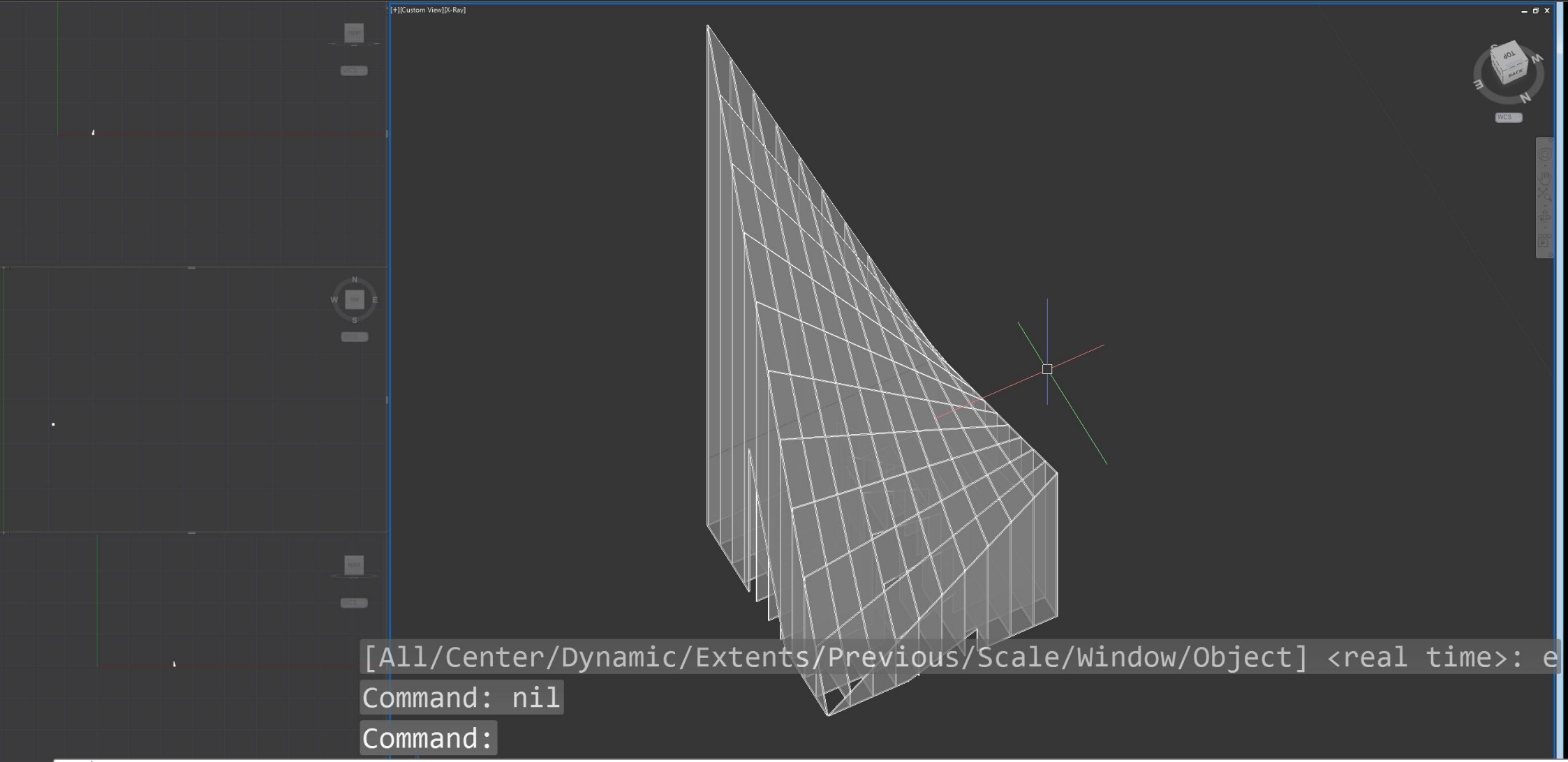
Line Polyline Circle Arc Text Dimension Insert Layer Properties Layers Match Properties Properties

Draw Modify Annotation Block Layer Properties Layers Properties

ByLayer ByLayer ByLayer

Groups Utilities Clipboard View Select Mode Touch

Start Planta Segundo Exercicio URB II\* Drawing1\*



Model Layout1 Layout2

MODEL [Grid] [Isoplane] [Isometric] [Ortho] [Snap] [Track] [Dynamic UCS] [3D Mouse] [3D Rotate] [3D Zoom] [3D Pan] [3D Move] [3D Rotate] [3D Zoom] [3D Pan] [3D Move]

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Line Polyline Circle Arc

Text Dimension

Insert

Layer Properties

Layers

Match Properties

ByLayer

ByLayer

ByLayer

Properties

Groups

Utilities

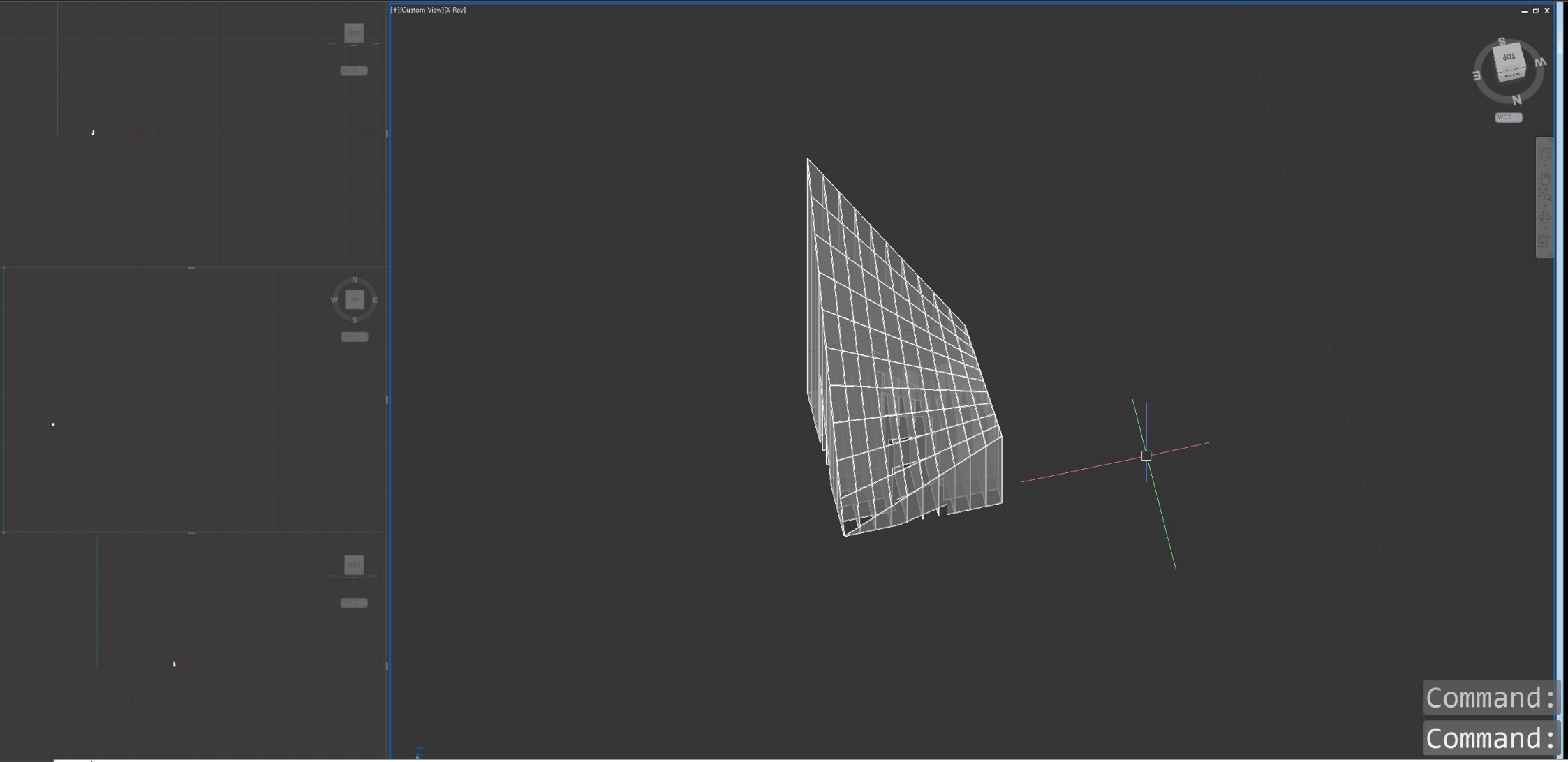
Clipboard

View

Select Mode

Touch

Start Planta Segundo Ejercicio URB II\* Drawing1\*



Command:  
Command:

Model Layout1 Layout2

MODEL

1:1



```

1 (defun c:malha ()
2   (setq pontos2d (getvar "osmode"))
3   (setq pontos3d (getvar "3dosmode"))
4   (command "ucs" (getpoint "\nIndique o ponto de inserção da malha. ") "")
5   (setq nx (getint "\nQual o número de divisões?? "))
6   (setq pprof (getreal "\nQual a profundidade das vigas? "))
7   (setq dimLx (/ 1.0 nx))
8   (setq dimLp dimLx)
9   (setq dimL 0)
10  (setvar "osmode" 0)
11  (setvar "3dosmode" 0)
12  (pontos)
13  (geratrizes)
14  (repeat (- nx 1)
15    (g1)
16    (g2)
17  )
18  (setvar "osmode" pontos2d)
19  (setvar "3dosmode" pontos3d)
20  (command "ucs" "")
21 ; (command "vpoint" (list 1 -1 1))
22 (command "zoom" "e")
23 )
24
25 (defun pontos ()
26   (setq p1 (list 0 0 1))
27   (setq p2 (list 2 0 7))
28   (setq p3 (list 2 2 0))
29   (setq p4 (list 0 2 2))
30
31 )
32
33 (defun geratrizes ()
34   (portico p1 p2)
35   (portico p4 p3)
36   (portico p2 p3)
37   (portico p1 p4)
38 )
39
40 (defun g1 ()
41
42   (setq pt1 (list
43     (+ (car p1) (* (- (abs (cadr p2)) (abs (car p1))) (setq dimL (+ dimL dimLp))))
44     (+ (cadr p1) (* (- (abs (cadr p2)) (abs (cadr p1))) dimL))
45     (+ (caddr p1) (* (- (abs (caddr p2)) (abs (caddr p1))) dimL))
46   ))
47   (setq pt2 (list
48     (if (>= (car p3) (car p4))
49       (+ (car p4) (* (abs (- (abs (car p4)) (abs (car p3)))) dimL))

```

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Draw: Line, Polyline, Circle, Arc

Modify: [Icons]

Annotation: Text, Dimension

Block: [Icons]

Layer Properties: [Icons]

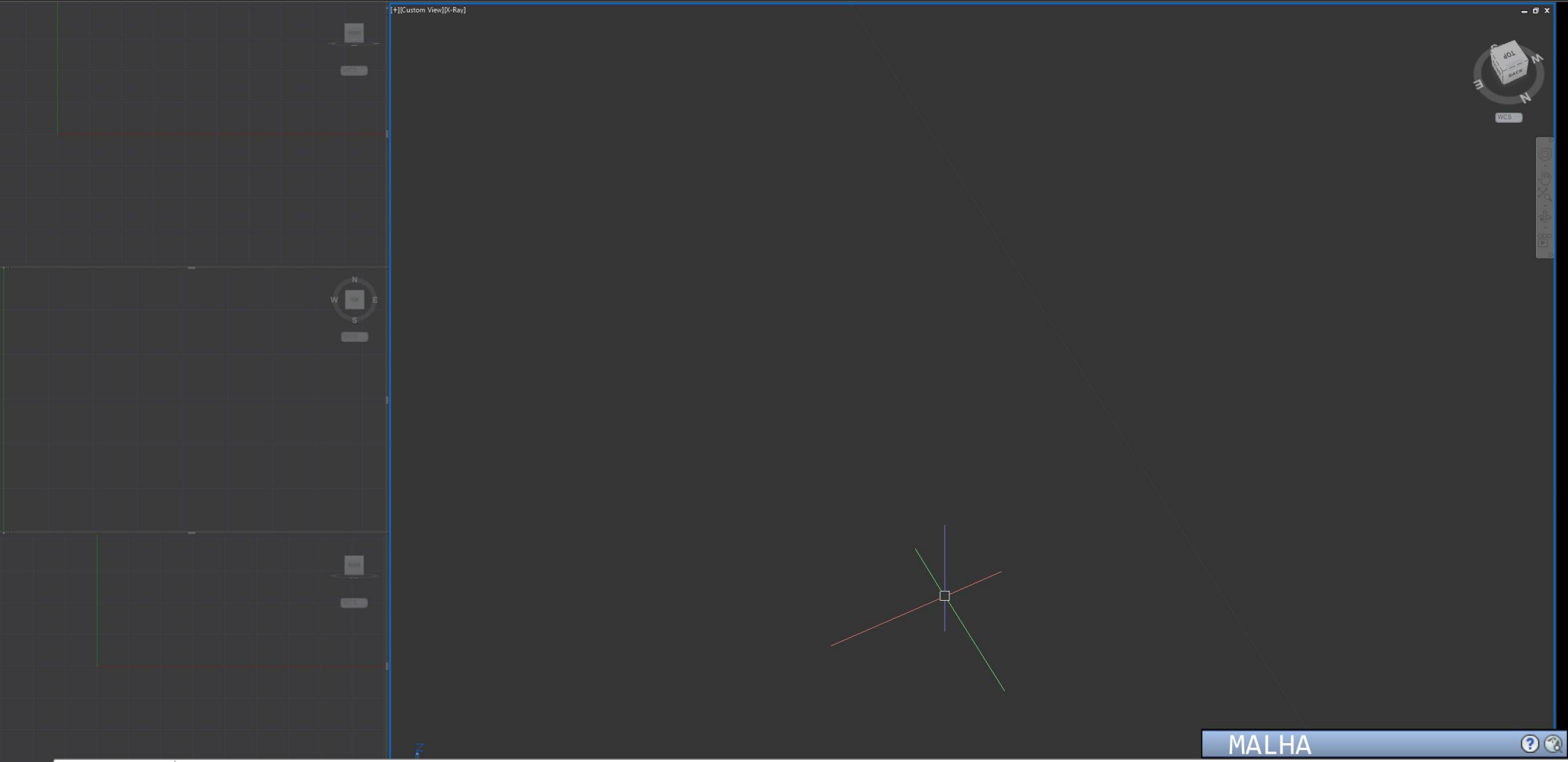
Layers: [Icons]

Match Properties: [Icons]

Properties: ByLayer, ByLayer, ByLayer

Groups, Utilities, Clipboard, View, Select Mode, Touch

Start Planta Segundo Exercício URB II\* Drawing1\*



MALHA

Model Layout1 Layout2

MODEL [Grid Icon] [Snap Icon] [Ortho Icon] [Trim Icon] [Extend Icon] [Align Icon] [Scale Icon] [Move Icon] [Rotate Icon] [Zoom Icon] [Pan Icon] [View Icon] [Help Icon]

Home Insert Annotate Parametric View Manage Output Add-ins A360 Express Tools Featured Apps Performance

Line Polyline Circle Arc

Text Dimension

Insert

Layer Properties

Layers

Match Properties

ByLayer

ByLayer

ByLayer

Properties

Groups

Utilities

Clipboard

View

Select Mode

Touch

Start Planta Segundo Exercício URB II\* Drawing1\*

UCS

Current ucs name: \*WORLD\*

Specify origin of UCS or [Face/NAmed/OBject/Previous/View/World/X/Y/Z/ZAxis] <World>:

Indique o ponto de inserção da malha.