

```
1 (defun c:modulo ()
2
3   (setq pontos (getvar "osmode"))
4   (command "ucs" (getpoint "Qual é o ponto de inserção?") "")
5     (setvar "osmode" 0)
6
7   (idpontos)
8   (desenhar)
9   (supe)
10
11   (command "ucs" "w")
12   (setvar "osmode" pontos)
13
14 )
15
16 (defun idpontos ()
17
18   (setq p1 (list 0 0 0))
19   (setq p2 (list 12.5 5 5))
20   (setq p3 (list (alea 10 15) (alea 10 15) (alea 10 15)))
21   (setq p4 (list 0 (alea 10 20) 3))
22   (setq p5 (list 15 15 0))
23   (setq p6 (list 20 20 2))
24   (setq p7 (list 25 25 0))
25   (setq p8 (list (alea 10 20) 25 5))
26   (setq p9 (list 0 25 0))
27
28 )
29
30
31
32 (defun desenhar ()
33   (command "line" p1 p2 "")
34     (setq lin1 (entlast))
35
36   (command "line" p2 p3 "")
37     (setq lin2 (entlast))
38
39   (command "line" p3 p4 "")
40     (setq lin3 (entlast))
41
42   (command "line" p4 p1 "")
43     (setq lin4 (entlast))
44
45   (command "line" p2 p5 "")
46     (setq lin5 (entlast))
47
48   (command "line" p5 p6 "")
49     (setq lin6 (entlast))
```

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

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ByLayer

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Utilities

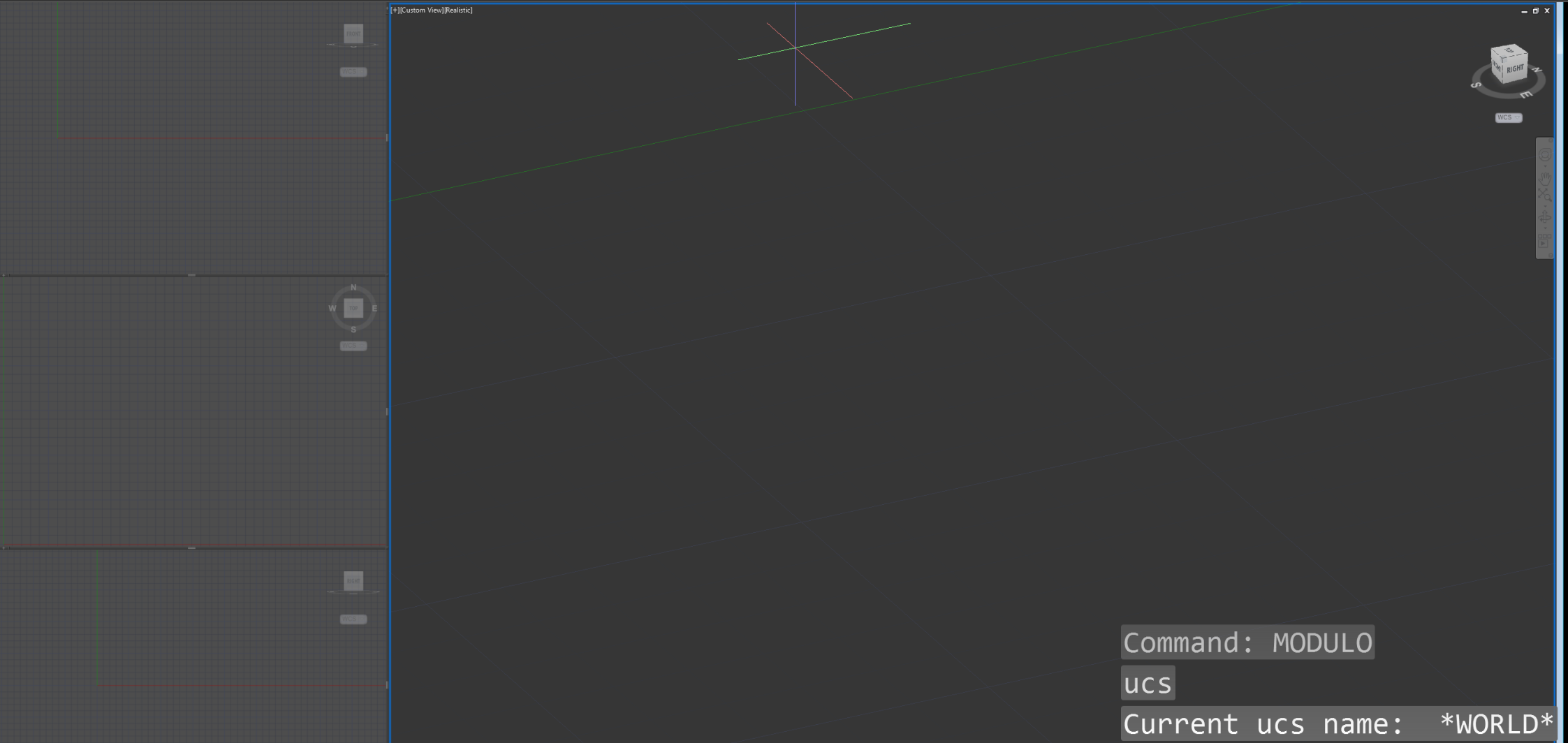
Clipboard

View

Select Mode

Touch

Start 1718 MIARQ3A LP3 X...fis v01 2018-03-19* Drawing1*



Command: MODULO
 UCS
 Current ucs name: *WORLD*

-Specify origin of UCS or [Face NAMED Object Previous View World X Y Z ZAxis]
 <World>: Qual Ã© o ponto de inserÃ§Ã£o?

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Text Dimension

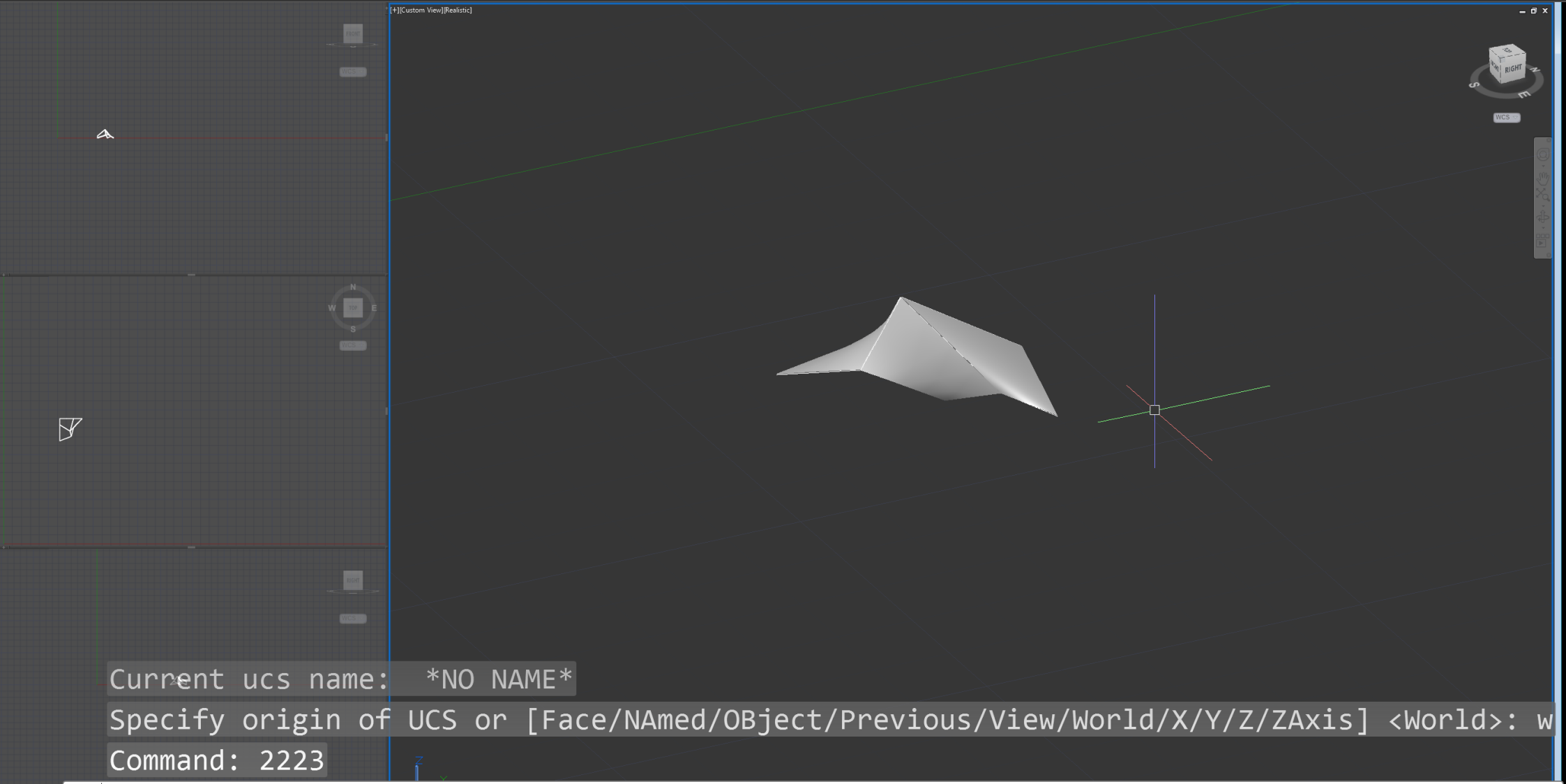
Layer Properties

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ByLayer ByLayer ByLayer

Groups Utilities Clipboard View Select Mode Touch

Start 1718 MIARQ3A LP3 X...fis v01 2018-03-19* Drawing1*



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Layer Properties

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Match Properties

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Utilities

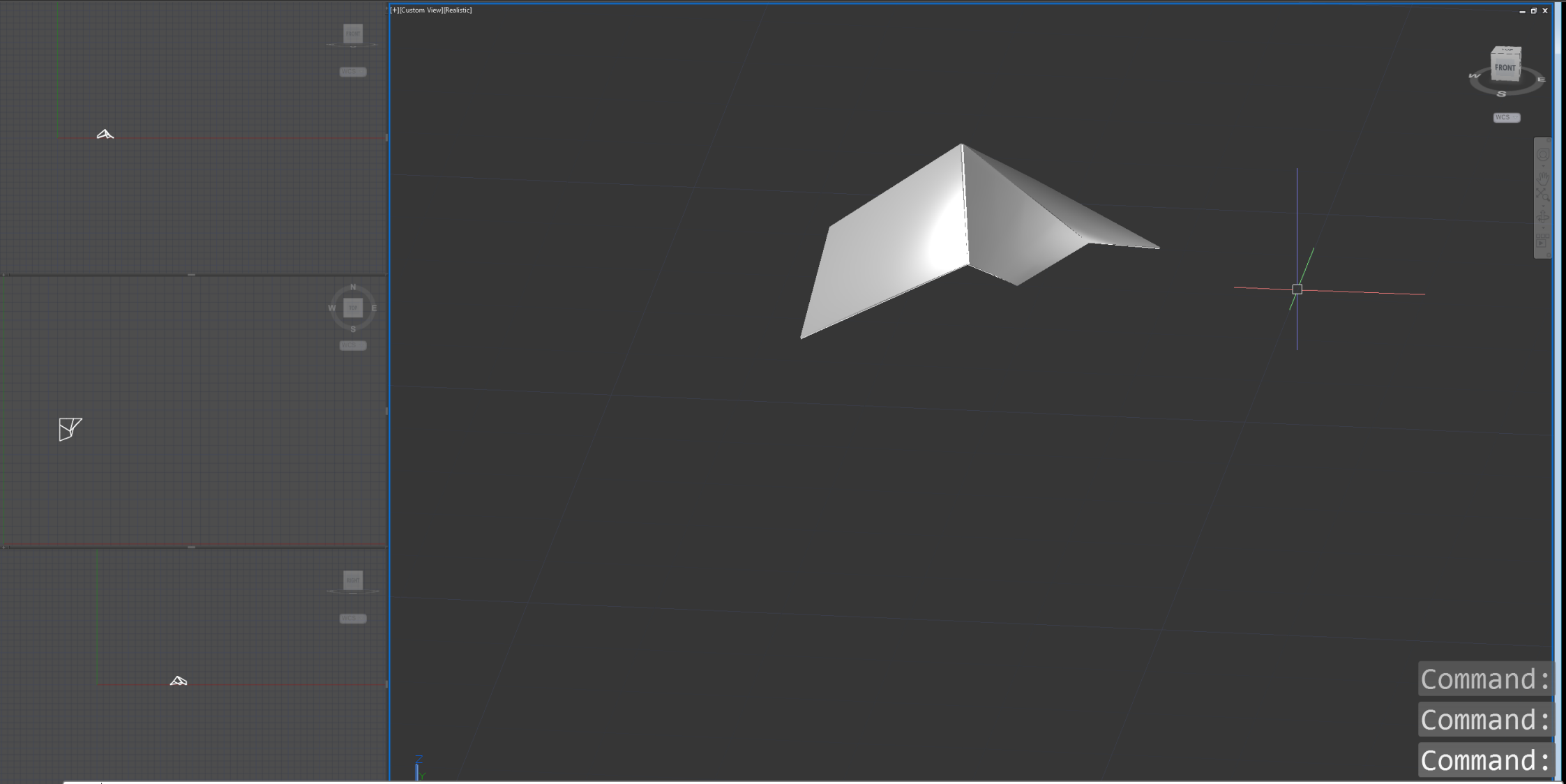
Clipboard

View

Select Mode

Touch

Start 1718 MIARQ3A LP3 X...fis v01 2018-03-19* Drawing1*



Command:
 Command:
 Command:



```
1 (defun c:modulo ())
2
3   (setq pontos (getvar "osmode"))
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5     (setvar "osmode" 0)
6
7   (idpontos)
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34     (setq lin1 (entlast))
35
36   (command "line" p2 p3 "")
37     (setq lin2 (entlast))
38
39   (command "line" p3 p4 "")
40     (setq lin3 (entlast))
41
42   (command "line" p4 p1 "")
43     (setq lin4 (entlast))
44
45   (command "line" p2 p5 "")
46     (setq lin5 (entlast))
47
48   (command "line" p5 p6 "")
49     (setq lin6 (entlast))
```

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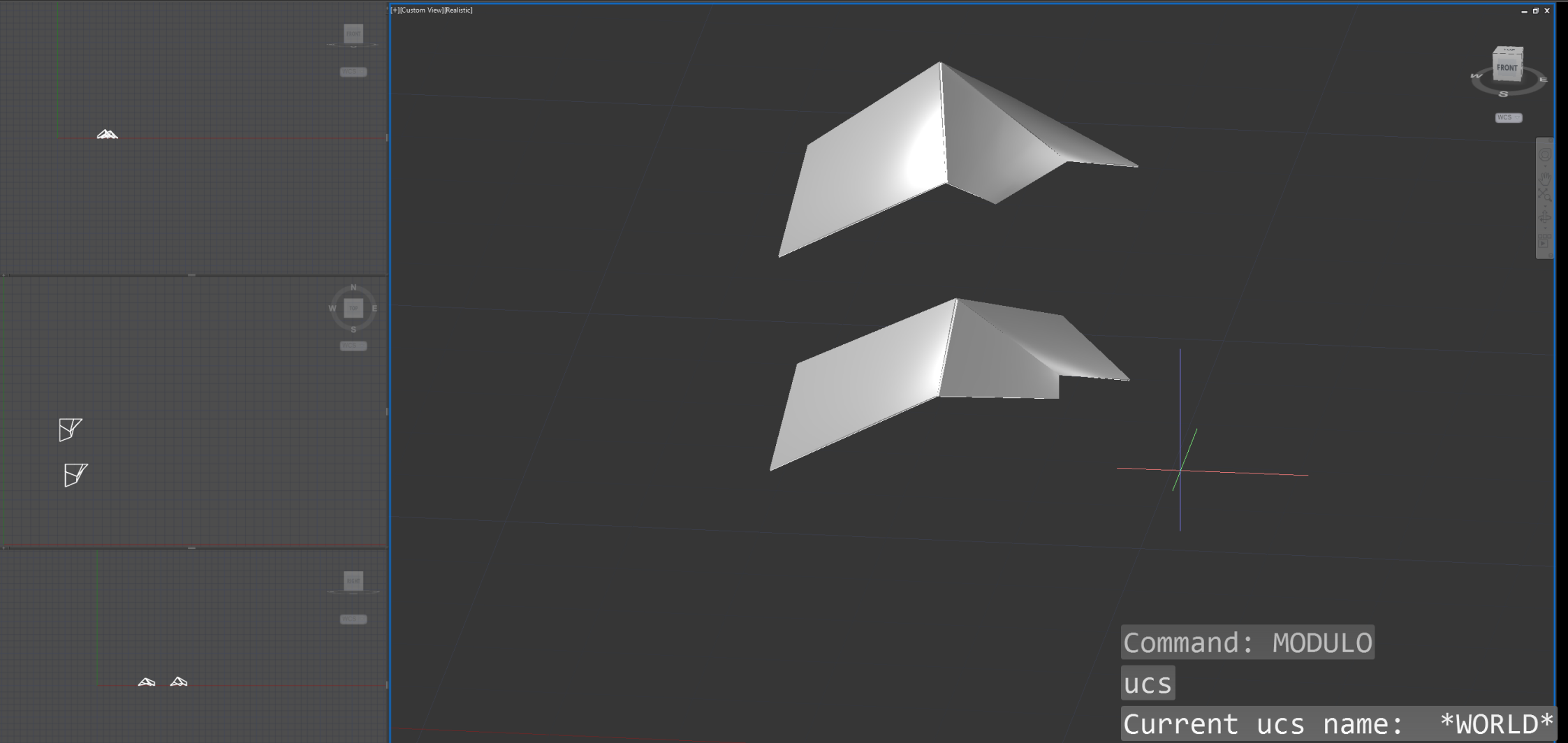
Line Polyline Circle Arc Text Dimension Insert Layer Properties Layers Match Properties Properties

Draw Modify Annotation Block Properties

ByLayer ByLayer ByLayer

Groups Utilities Clipboard View Select Mode Touch

Start 1718 MIARQ3A LP3 X...fis v01 2018-03-19* Drawing1*



Command: MODULO
 UCS
 Current ucs name: *WORLD*

-Specify origin of UCS or [Face NAMED Object Previous View World X Y Z ZAxis]
 <World>: Qual Ã© o ponto de inserÃ§Ã£o?



```
1 (defun c:modulo ())
2
3   (setq pontos (getvar "osmode"))
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11   (command "ucs" "w")
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22   (setq p5 (list 20 10 0))
23   (setq p6 (list 20 20 2))
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38
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40     (setq lin3 (entlast))
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42   (command "line" p4 p1 "")
43     (setq lin4 (entlast))
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45   (command "line" p2 p5 "")
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49     (setq lin6 (entlast))
```

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Line Polyline Circle Arc

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Utilities

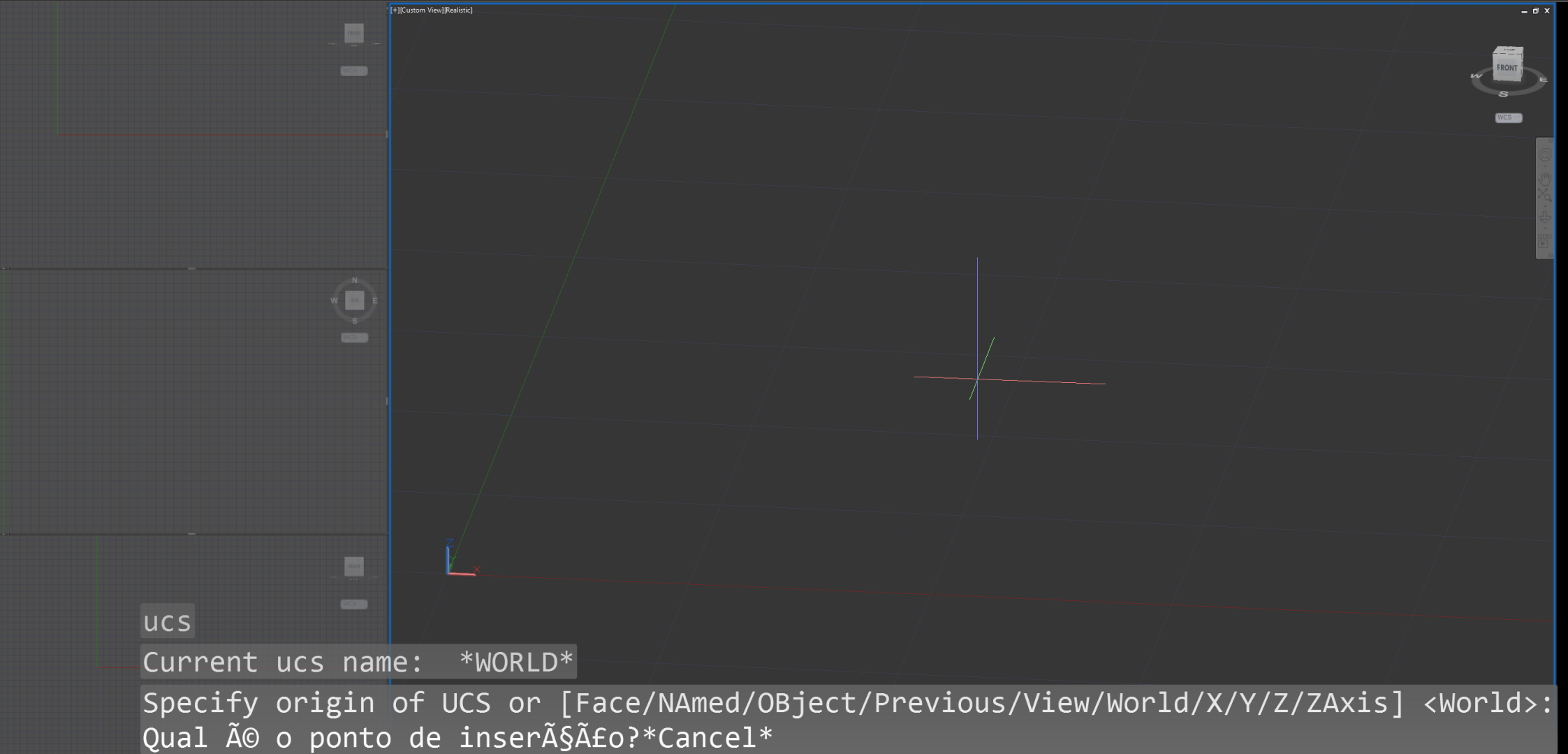
Clipboard

View

Select Mode

Touch

Start 1718 MIARQ3A LP3 X...fis v01 2018-03-19* Drawing1*



UCS

Current ucs name: *WORLD*

Specify origin of UCS or [Face/NAmed/OBject/Previous/View/World/X/Y/Z/ZAxis] <World>:
Qual Ã© o ponto de inserÃ§Ã£o? *Cancel*

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

Model Layout1 Layout2

MODEL

1:1

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Layer Properties

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ByLayer

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Groups

Utilities

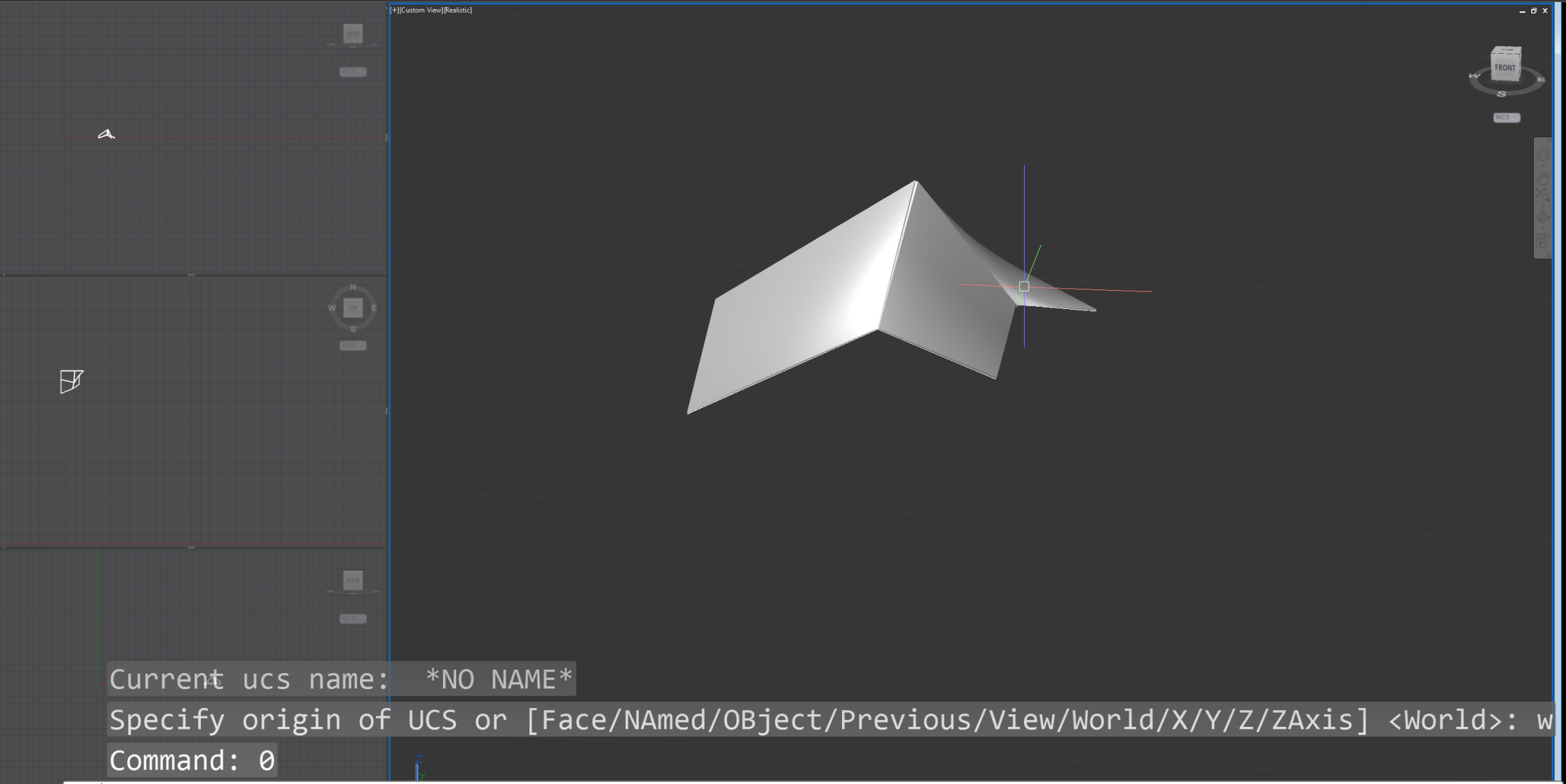
Clipboard

View

Select Mode

Touch

Start 1718 MIARQ3A LP3 X...fis v01 2018-03-19* Drawing1*



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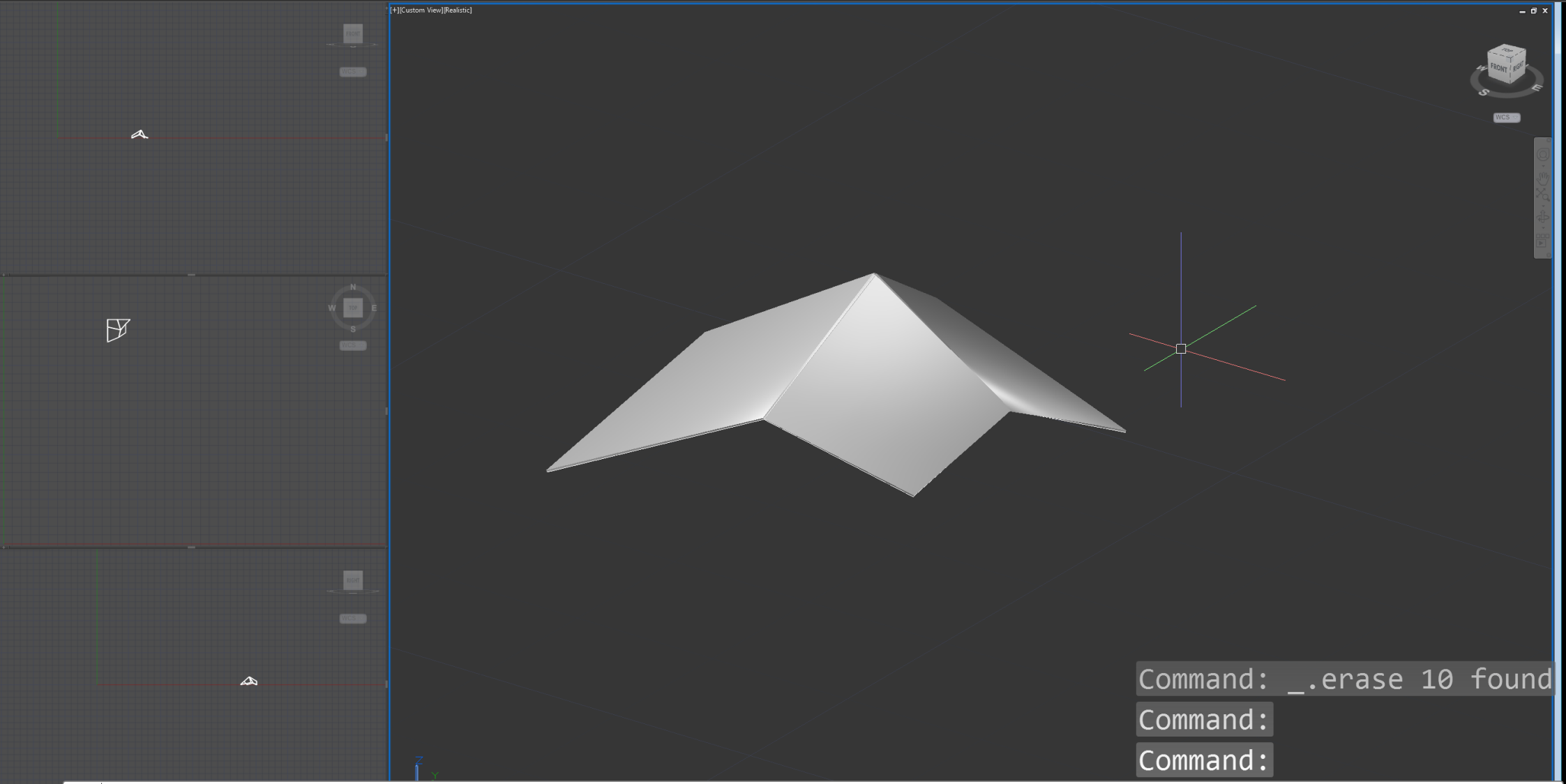
Clipboard

View

Select Mode

Touch

Start 1718 MIARQ3A LP3 X...fis v01 2018-03-19* x Drawing1* x



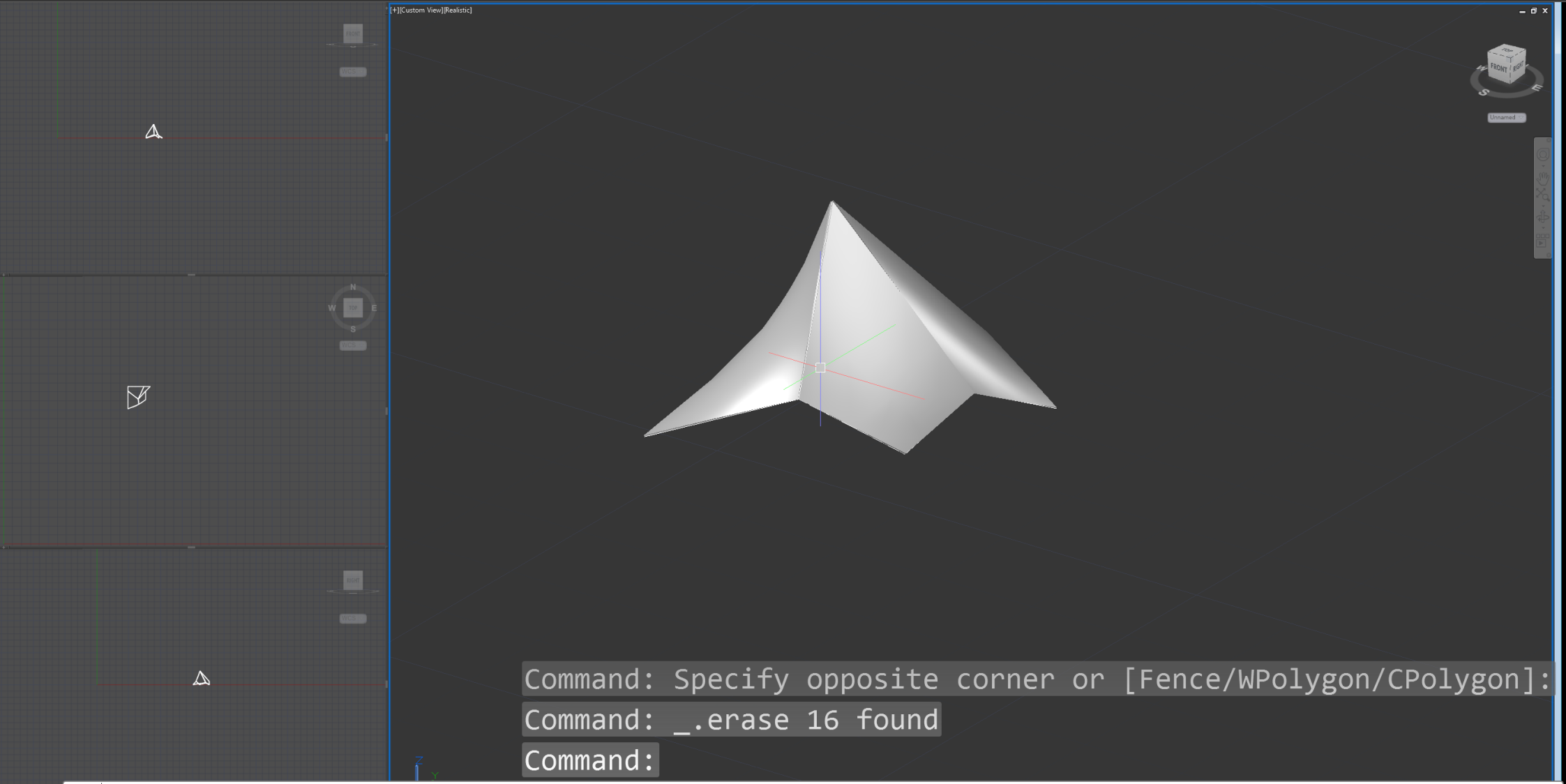


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23   (setq p6 (list 20 20 2))
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40     (setq lin3 (entlast))
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43     (setq lin4 (entlast))
44
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47
48   (command "line" p5 p6 "")
49     (setq lin6 (entlast))
```

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Line Polyline Circle Arc Text Dimension Insert Layer Properties Layers Properties

Start 1718 MIARQ3A LP3 X...fis v01 2018-03-19* aula8_teste_pavilhao*



Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:
Command: `_.erase` 16 found
Command:

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

Line Polyline Circle Arc

Text Dimension

Insert

Layer Properties

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Match Properties

ByLayer

ByLayer

ByLayer

Properties

Groups

Utilities

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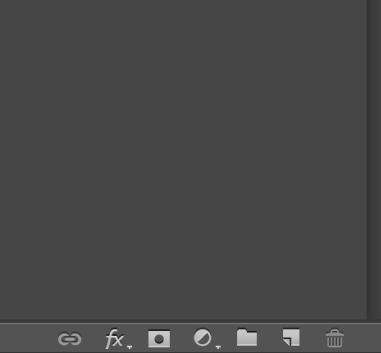
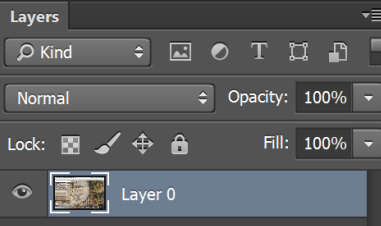
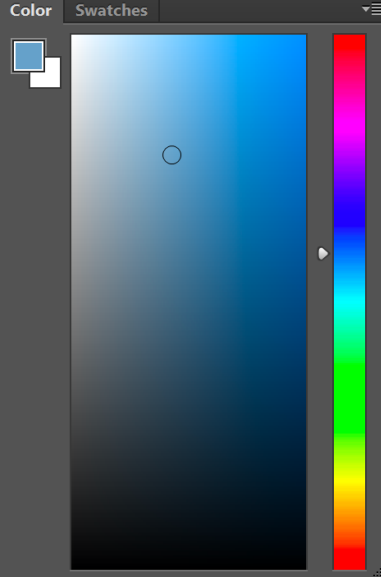
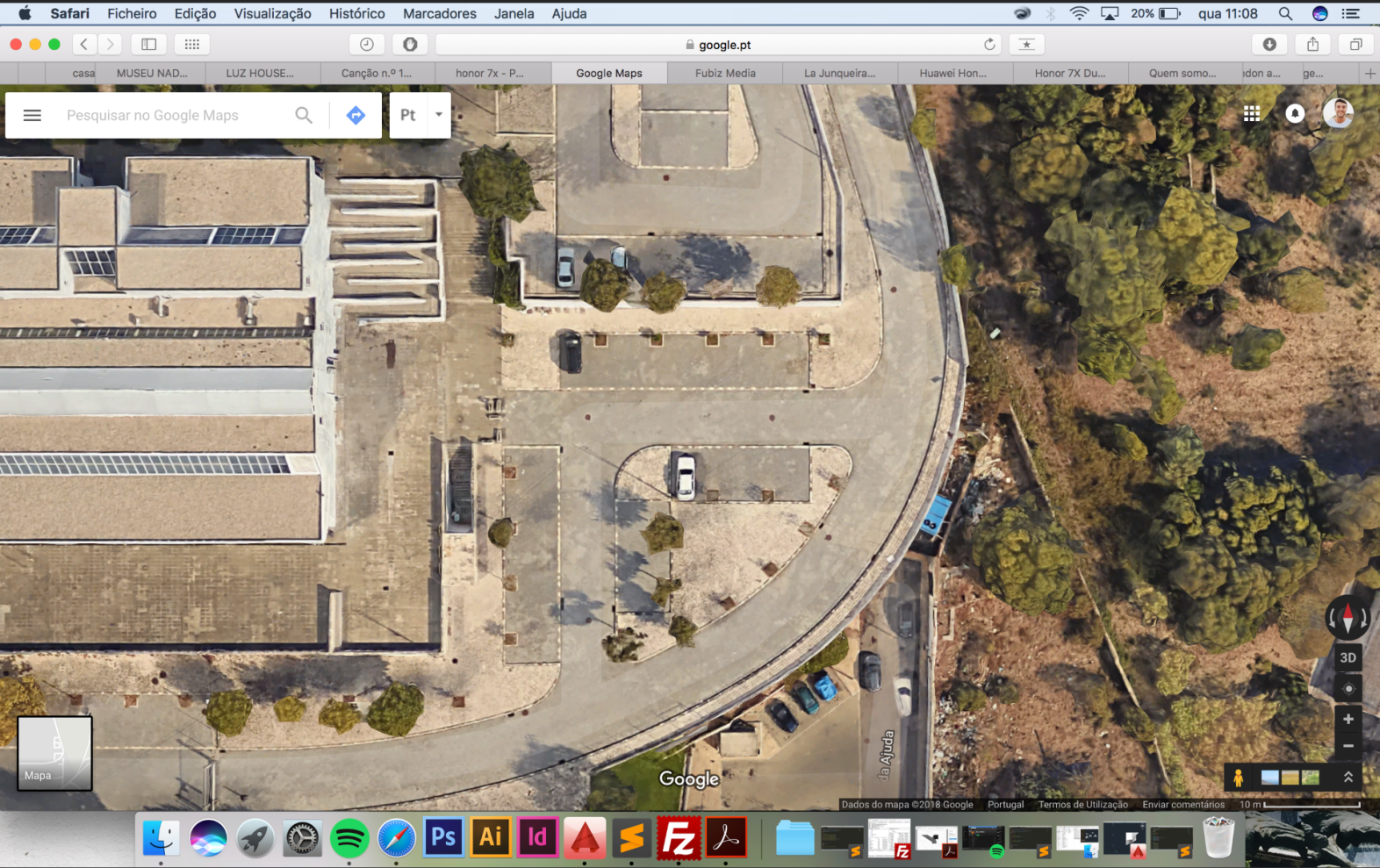
Select Mode

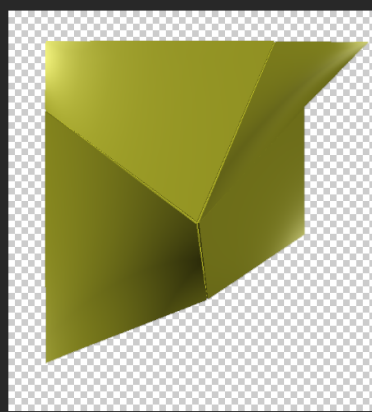
Touch

Start 1718 MIARQ3A LP3 X...fis v01 2018-03-19* aula8_teste_pavilhao*



Command: Specify opposite corner or [Fence/WPolygon/CPolygon]:
Command: Specify opposite corner or [Fence/WPolygon/CPolygon]: *Cancel*
Command: *Cancel*





Color Swatches

Layers

Kind: [Image] Opacity: 100%

Normal Opacity: 100%

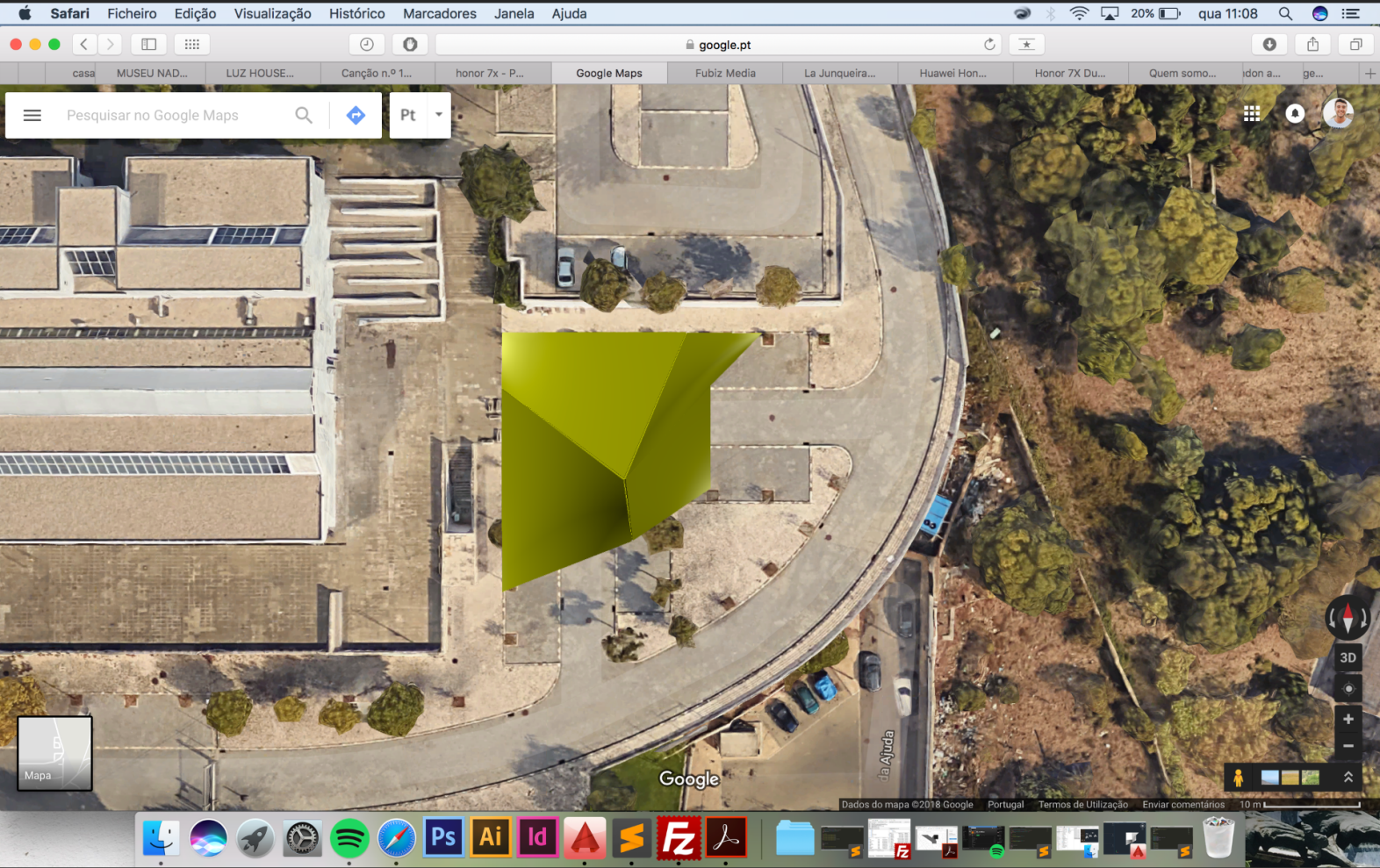
Lock: [Grid] [Erase] [Move] [Lock] Fill: 100%

- Layer 0

fx [Layer] [Group] [New] [Delete]

Adjustments Paths

Add an adjustment



Color Swatches

Layers

Kind

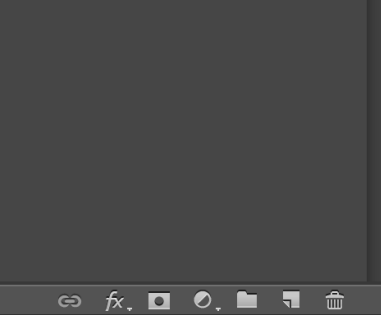
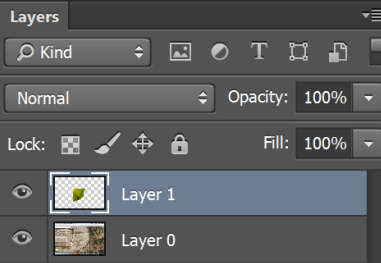
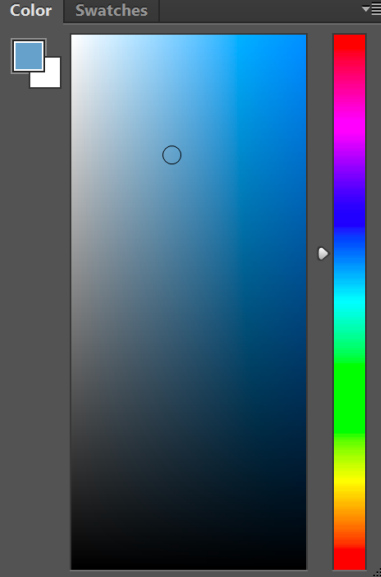
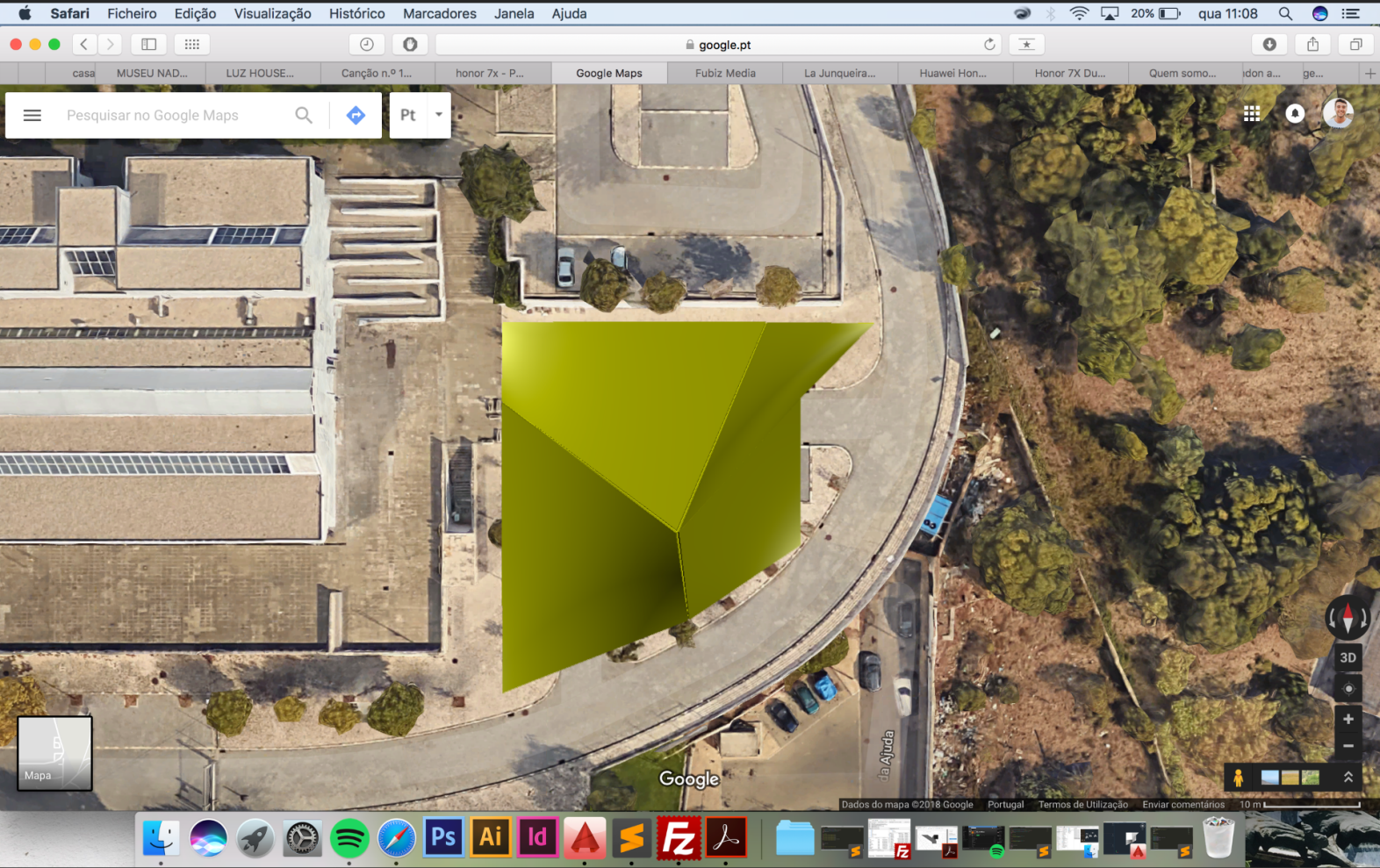
Normal Opacity: 100%

Lock: Fill: 100%

- Layer 1
- Layer 0

Adjustments Paths

Add an adjustment





```
1 (defun c:modulo ())
2
3   (setq pontos (getvar "osmode"))
4   (command "ucs" (getpoint "Qual é o ponto de inserção?") "")
5     (setvar "osmode" 0)
6
7   (idpontos)
8   (desenhar)
9   (supe)
10
11   (command "ucs" "w")
12   (setvar "osmode" pontos)
13
14 )
15
16 (defun idpontos ())
17
18   (setq p1 (list 0 0 0))
19   (setq p2 (list 12.5 5 5))
20   (setq p3 (list (alea 10 15) (alea 10 15) (alea 10 30)))
21   (setq p4 (list 0 (alea 10 20) 3))
22   (setq p5 (list 20 12 0))
23   (setq p6 (list 20 20 2))
24   (setq p7 (list 25 25 0))
25   (setq p8 (list (alea 10 20) 25 5))
26   (setq p9 (list 0 25 0))
27
28 )
29
30
31
32 (defun desenhar ())
33   (command "line" p1 p2 "")
34     (setq lin1 (entlast))
35
36   (command "line" p2 p3 "")
37     (setq lin2 (entlast))
38
39   (command "line" p3 p4 "")
40     (setq lin3 (entlast))
41
42   (command "line" p4 p1 "")
43     (setq lin4 (entlast))
44
45   (command "line" p2 p5 "")
46     (setq lin5 (entlast))
47
48   (command "line" p5 p6 "")
49     (setq lin6 (entlast))
```



```

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 dimLx (/ 1.0 nx))
7   (setq dimLp dimLx)
8   (setq dimL 0)
9   (setvar "osmode" 0)
10  (setvar "3dosmode" 0)
11  (pontos)
12  (geratrizes)
13  (repeat (- nx 1)
14    (g1)
15    (g2)
16  )
17  (setvar "osmode" pontos2d)
18  (setvar "3dosmode" pontos3d)
19  (command "ucs" "")
20 ; (command "vpoint" (list 1 -1 1))
21 (command "zoom" "e")
22 )
23 (defun pontos ()
24   (setq p1 (list 0 0 0))
25   (setq p2 (list 2 0 7))
26   (setq p3 (list 2 2 0))
27   (setq p4 (list 0 2 7))
28 )
29 (defun geratrizes ()
30   (command "line" p1 p2 "")
31   (setq ent1 (entlast))
32   (command "3dpoly" p1 p2 (list (car p2) (cadr p2) 0) (list (car p1) (cadr p1) 0) "c" )
33   (command "extrude" (entlast) "" 0.01)
34
35   (command "line" p4 p3 "")
36   (setq ent2 (entlast))
37   (command "3dpoly" p4 p3 (list (car p3) (cadr p3) 0) (list (car p4) (cadr p4) 0) "c" )
38   (command "extrude" (entlast) "" 0.01)
39
40   (command "line" p2 p3 "")
41   (setq ent3 (entlast))
42   (command "3dpoly" p2 p3 (list (car p3) (cadr p3) 0) (list (car p2) (cadr p2) 0) "c" )
43   (command "extrude" (entlast) "" 0.01)
44
45   (command "line" p1 p4 "")
46   (setq ent4 (entlast))
47   (command "3dpoly" p1 p4 (list (car p4) (cadr p4) 0) (list (car p1) (cadr p1) 0) "c" )
48   (command "extrude" (entlast) "" 0.01)
49

```