12 Coordinate display

smartCON Planner for ARCHICAD

How to call tools | From the SCP launcher ➜ Click the "Coordinate display " icon
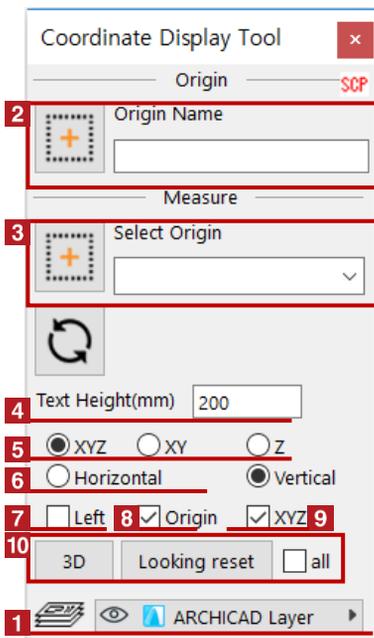

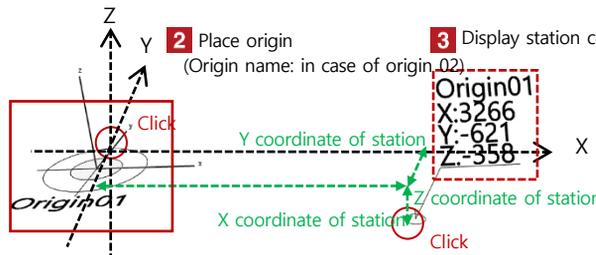Select the coordinate display icon

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How to use | After setting each item, the coordinates of an arbitrary point on the screen are displayed.
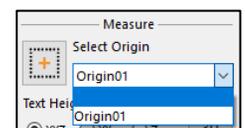
The coordinate display tool is a function to display 3D coordinate values based on preliminarily prepared origin as a 3D and 2D.

1 Select the layer to place

2 Enter any origin name (example: origin 02), click [+], and place the origin at an arbitrary point

3 After selecting the placed origin name, click the [+], and display the station coordinates at an arbitrary point

2 Place origin
(Origin name: in case of origin 02)

3 Display station coordinates targeting the origin 02

Origin01
X:3266
Y:-621
Z:-358

※ **8** When you enter ☑, the origin name is displayed.

※ **3** If you select a blank when selecting the origin of the station, the station coordinates for the origin of ARCHICAD are displayed.
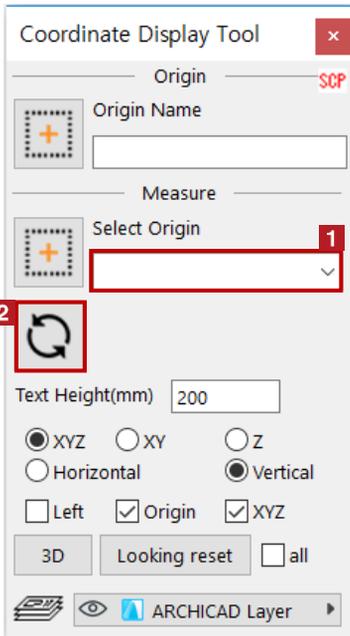
< Other dialog setting >

4 Setting of font size to be displayed

5 Select coordinate system to display

6 The choice of coordinate display direction

7 Display position change of the coordinate object
☑ Displays the coordinate object on the left side with respect to the blow-out line end point of the put (the default is on the right)

8 Display and non-display switching of origin name to the survey point coordinates
☑ When put, origin name appears in the survey point coordinates

9 Display and non-display switching of XYZ to the survey point coordinates
☑ When put, it appears XYZ is to survey point coordinates

10 Rotation of the display to match the current point of view (3D only)
When you click, displayed according to the current point of view on 3D will rotate

How to edit — You can change or update the display contents of the placed station coordinate object

Coordinate Display Tool

Origin
- Origin Name
- Measure
- Select Origin [1]

[2] (refresh button)

Text Height(mm) 200

- ● XYZ ○ XY ○ Z
- ○ Horizontal ● Vertical
- □ Left ☑ Origin ☑ XYZ
- 3D Looking reset □ all

ARCHICAD Layer

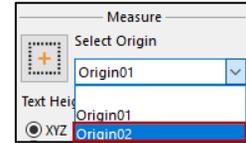**[1]** Changing the target origin

Select the station coordinate object and change the origin

Select the station coordinate object

Origin01
X:3266
Y:-621
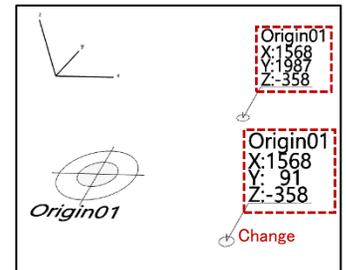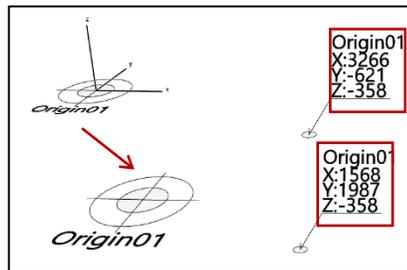Z:-358

Change the target origin

Measure
Select Origin
Origin01
Text Hei
● XYZ Origin01
Origin02

Origin02
X: -6258
Y:-10451
Z: -358   Change

[2] Updating the calculation result after moving the origin

After moving the origin, clicking (refresh), will recalculate all the station coordinate values targeted at the moved origin

Origin01
X:3266
Y:-621
Z:-358

Origin01
X:1568
Y:1987
Z:-358

Origin01
X:1568
Y:1987
Z:-358

Origin01
X:1568
Y: 91
Z:-358   Change

※ Coordinate values are recalculated automatically when moving the object of the station

Installation reference — The installation reference of the coordinate object is the position clicked at the time of placement.

The placement floor will be 「 Floor」 if created in 2D, 「 1F (Floor number = 1) 」 if created in 3D

< Display example of origin >

▶ 2D   ▶ 3D

Origin01

Origin01

< Display example of station coordinates >

▶ 2D   ▶ 3D

Origin01
X:1568
Y: 91
Z:-358

Origin01
X:1568
Y: 91
Z:-358