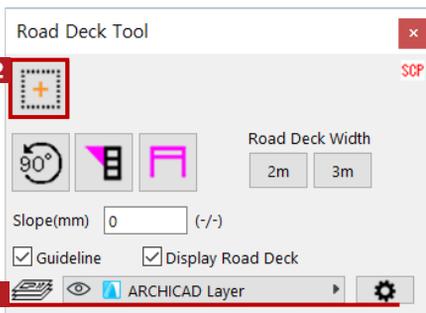# 08 Road Deck

smartCON Planner for ARCHICAD

How to call tools

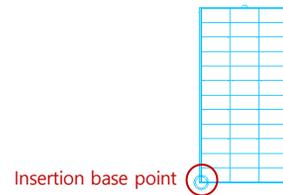From the SCP launcher ➜ Click the "Road Deck" icon

Select the Road Deck icon

How to use

After selecting the layer, click any position on the screen to place the road deck.
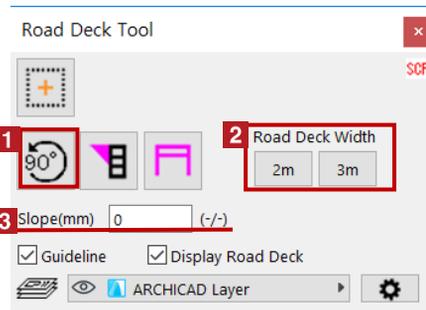
Road Deck Tool

1 Select the layer to place

2 Click [+] and then place road deck at an arbitrary position

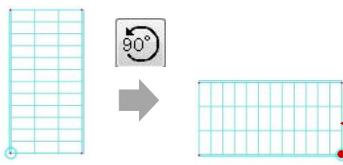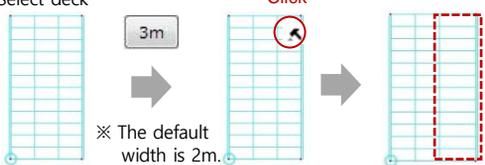※ The new arrangement is created with the default size.
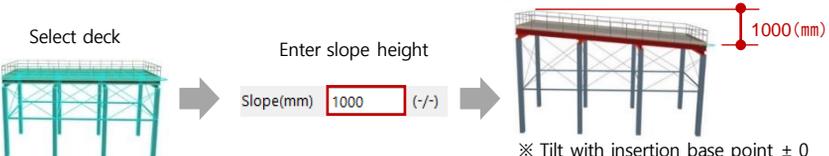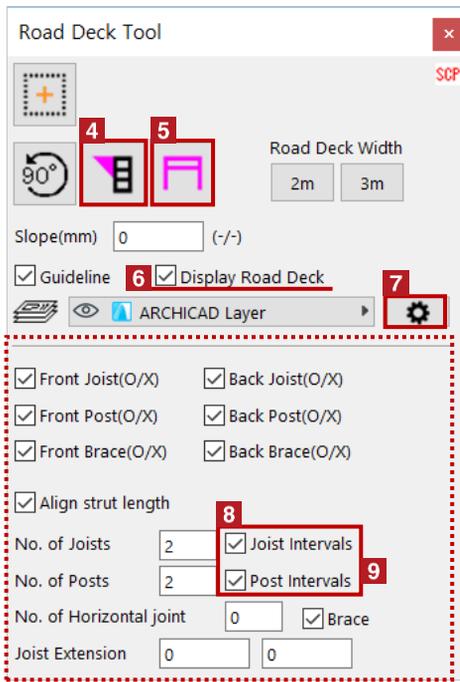
Insertion base point

How to edit

You can change the placement and specification etc. of the created road deck.

Road Deck Tool

1 Road deck rotation
After selecting the placed road deck, click [90°]

Select deck

Rotate

※Rotate based on insertion base point

2 Changing road deck width
Select the placed deck, specify the deck width (2 m, 3 m), then click the column you want to change

Select deck   Click

3m

※ The default width is 2m.

Change

3 Changing slope value
Select the deck that you placed and enter the tilt height

Select deck   Enter slope height

Slope(mm) 1000 (-/-)

1000(mm)

※ Tilt with insertion base point ± 0

Road Deck Tool

4 **5**
90°

Road Deck Width: 2m | 3m

Slope(mm): 0 (-/-)

☑ Guideline **6** ☑ Display Road Deck **7** ⚙

ARCHICAD Layer

☑ Front Joist(O/X)   ☑ Back Joist(O/X)
☑ Front Post(O/X)   ☑ Back Post(O/X)
☑ Front Brace(O/X)   ☑ Back Brace(O/X)

☑ Align strut length

8
No. of Joists: 2   ☑ Joist Intervals
No. of Posts: 2   ☑ Post Intervals **9**
No. of Horizontal joint: 0   ☑ Brace
Joist Extension: 0   0

4 Add corner deck

Select the deck you placed and click 📧 , then click Hotspot at the corner where you want to add the corner deck

Select deck → Click → Add

※It is possible to erase the corner deck added by the same operation.

5 Delete handrail

Select the deck you placed and click 🎀 , then click on the handrail you want to delete.

Select deck → Click

※It is possible to add a handrail deleted by the same operation.

6 Switching display / non-display of deck plate

It is useful when you are editing a post, strut, brace etc.

▶ 2D   ▶ 3D

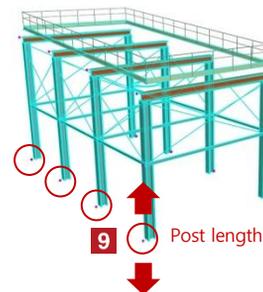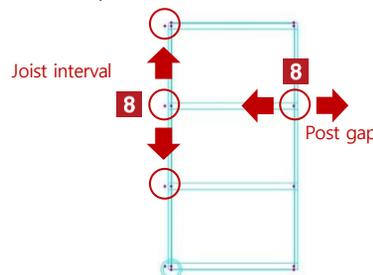< Other dialog box >

7 Setting the expansion of deck plate

Click ⚙ to expand ⸬

8 Individual setting of joist interval and post gap

☑ Hotspot will be displayed and individual editing of the post interval will be possible (edit in 2D)

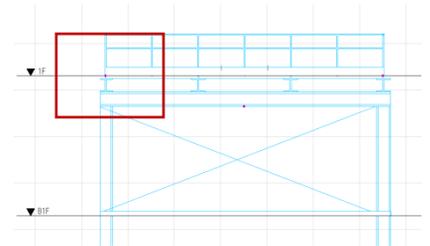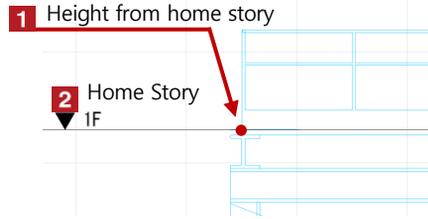**9** Individual setting of post length

☑ Hotspot will be displayed and individual editing of the post length will be possible (edit in 3D)

Joist interval   **8**
8   Post gap

9 Post length

Installation reference

The installation reference height of the road deck is the top end of the deck plate.

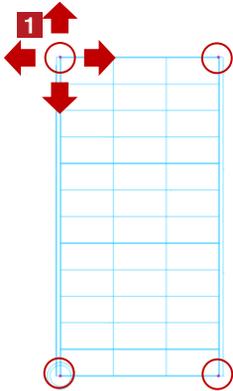**1** Height from home story

2 Home Story
1F

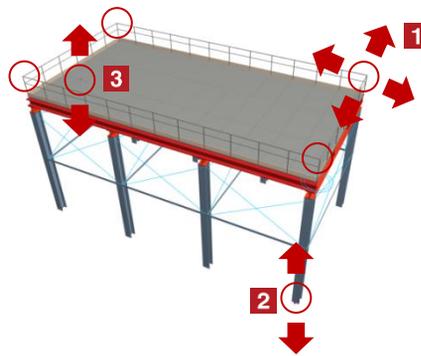## Change area and post length of road deck

Clicking Hotspot to change the area and length of road deck.

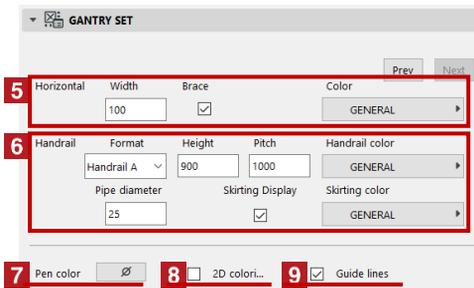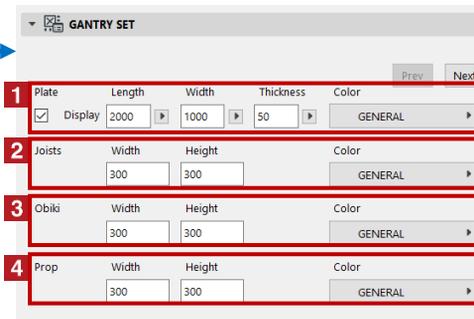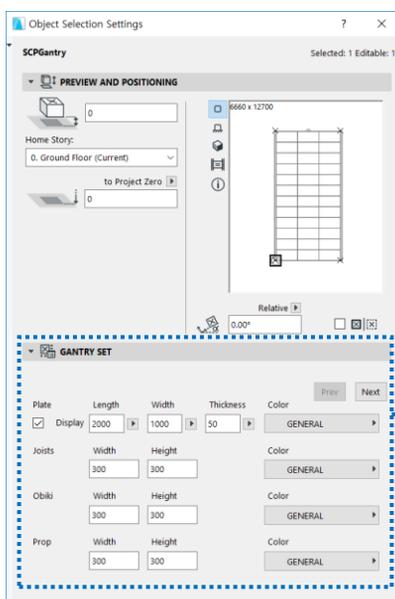Click the red Hotspot ➔ You can change the position of the post by moving the vertex of the pet palette

▶ 2D

▶ 3D

1 Change the area of the road deck (deck plate number)

2 Change the length of posts

3 Change slope

Object setting

Select the read deck and change various settings with "Object setting (Ctrl + T)"

1 Setting lining plate

2 Setting joists

3 Setting post interval

4 Setting post

5 Setting brace

6 Setting handrails

7 Drawing color setting of gantry on 2D screen

8 Coloring of the gantry on a 2D screen

9 Change display of guide line