ARCHITECTURAL MODELING USING REVIT

VENTILATORS
&
WALL PROFILE

PLACING OF VENTILATORS

VENTILATOR

In Revit Architecture there is no such component available for us, but we can place the ventilators by duplicating the windows.

WHAT IS MEANT BY VENTILATION?

Ventilation refers to the exchange of indoor and outdoor air. Without proper ventilated the airtight house will seal in harmful pollutants.

Duplication of window to create the ventilator

1. Select window ⇒edit type⇒ duplicate option ⇒change name⇒ click on ok.

2.change window dimensions as per convenience

If you want to change ventilator material also possible in the type properties dialogue box. For changing material,

1. select ventilator ⇒properties pallet⇒edit type⇒type properties⇒glass pane material or sash material⇒ material asset browser

2. search suitable material for ventilator ⇒graphic tab⇒click on use render appearance⇒click on ok orelse double click on that material.

3. After completion of these all things in type properties dialogue box click on apply and ok.

EDITING OF WALL PROFILE

To create an opening in the wall or If you want to create the sloped walls we have to edit the profile.

EDIT PROFILE

- Select the particular wall that you want to edit.
- Click on EDIT PROFILE, which was available in the modify tab.
- Activate the front view of the profile to create your custom shapes.
- We can also create the nested loops in the profile, which will create us the hallow spaces in the profile.
- While editing the profile, we have to create the closed loop.
- After creating the custom shapes, click on finish edit mode.

- If you had created the closed loop it will get finished or else it will detect an error stating that "lines are not created a closed loop".
- To finish the edit mode, we have to create the closed loops.

By using the edit profile, we can create openings in the buildings.