



# VPC-TIP

May 21, 2002

## Roof Framed Openings

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Thanks to Jim Marmol of General Industries in Charleroi, Pennsylvania for the following suggested tip! Framed Openings in a Roof are very similar to framed openings in walls. You need to carefully consider your reference points. See the below Framed Opening Input window.

Distance	From	To	Type
10/0/0	Left Edge	Center of Opening	3 x 3 roof opening

- The “*Measured From*” section allows you to reference **From** the wall or roof surface itself, or **From** an existing framed opening in the list.
- The “*Measured To*” section allows you to select the position *on the framed opening* you wish to dimension to.

Total Distance: 100/0/0

Measured From:  
 Left Edge    Right Edge  
 Frame Line

Framed Opening:  
 Left Jamb    Right Jamb  
 Center Line of FO

Measured To:  
 Left Jamb    Right Jamb  
 Center Line of FO

3 x 3 roof opening

Spaces At:

Sill Height:

Insert   Delete

Revise   Delete All

OK   Cancel   Help

### Roof Framed Opening Notes:

- When the framed opening is added to the schedule, the “*sill height*” is measured *on the slope of the roof*. In other words, parallel to the roof surface, NOT the floor surface. The dimensions of the framed opening itself are parallel to the roof plane also.
- Where the sill dimension on a wall is referenced from the floor, the sill on a roof is measured from the **Ridge** of a Gabled building or the **High Side** of a single slope.
- At the “Options” tab, change the “Min Distance Above/Below” “Header and Sill” to 0 (zero). This will force the jambs to seek out the closest purlin to stop at instead of unnecessarily breaking purlins.
- You can Input the **weight** of whatever the framed opening is supported and VPCCommand will design accordingly. However, if the weight is over a couple hundred pounds, you should *consult your Service Center* to see if additional support beams, or other considerations must be taken.
- As always, refer to the Help screens and How-Tos for more information.



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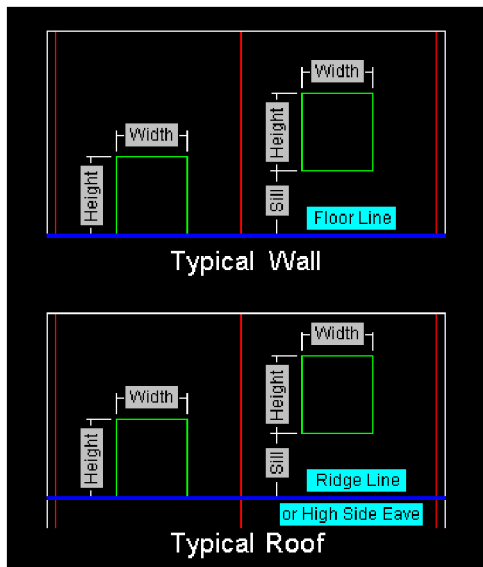
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### Framed Opening - Description

The Framed Opening Description tab is used to define the Actual clear opening size of Framed Openings in the schedule. A Framed Opening must be inserted into the schedule in order for it to be available for locating on your building. You will need to name the Framed Opening with a unique name that will be used to identify each Framed Opening on the Locations Screen. A typical name might be: 10x12 OH (for 10-foot wide x 12-foot high overhead door framed opening). If a Framed Opening's name or any other parameters are revised after the Framed Opening has been located on your Building, the changes will automatically be reflected in the Framed Opening Locations Screen.

**Hint for varying Sill Heights:** For Framed Openings that have the same height, width, and options but will require multiple sill heights. Insert one of the Framed Openings into the schedule with the most common sill height. When inserting the Framed Openings on the Framed Opening Locations Screen, there is a Sill Height Override option that can redefine the sill dimension on any Framed Opening.



Options:

Name	
3 x 3 roof opening	
Width	Height
3/0/0	by 3/0/0
Sill	
10/0/0	

Left Jamb	Right Jamb	<input type="checkbox"/> Vertical Lift Jamb
<input type="button" value="Properties ..."/>	<input type="button" value="Properties ..."/>	<input type="checkbox"/> Additional Header (Field Locate)
Adjustment	Adjustment	<input type="checkbox"/> Sheet Over Opening without Trim
0/0/0	0/0/0	<input type="checkbox"/> Liner Over Opening
Header		<input type="checkbox"/> Insulate Over Opening
<input type="button" value="Properties ..."/>	<input type="button" value="Properties ..."/>	<input type="checkbox"/> Secondary Inside Opening
Min. Dist. Above	Min. Dist. Below	Objects on Opening
0	0	Weight      Height
Adjustment	Adjustment	0.00      lbs      0/0/0
0/0/0	0/0/0	Jamb Elevation (Hold)
		Base      Top
		0/0/0      0/0/0

