

Using 3D View Controls

When you are in [3D View Mode](#), Roofing Passport's *View Controls* allow you to quickly and easily change the perspective of your model in the *Display Pane*. As shown in **Figure 1** below, there are four different controls available on the *View Controls Toolbar*: Change View, Slopes, Dimensions and Render. Each of these functions is explained below.

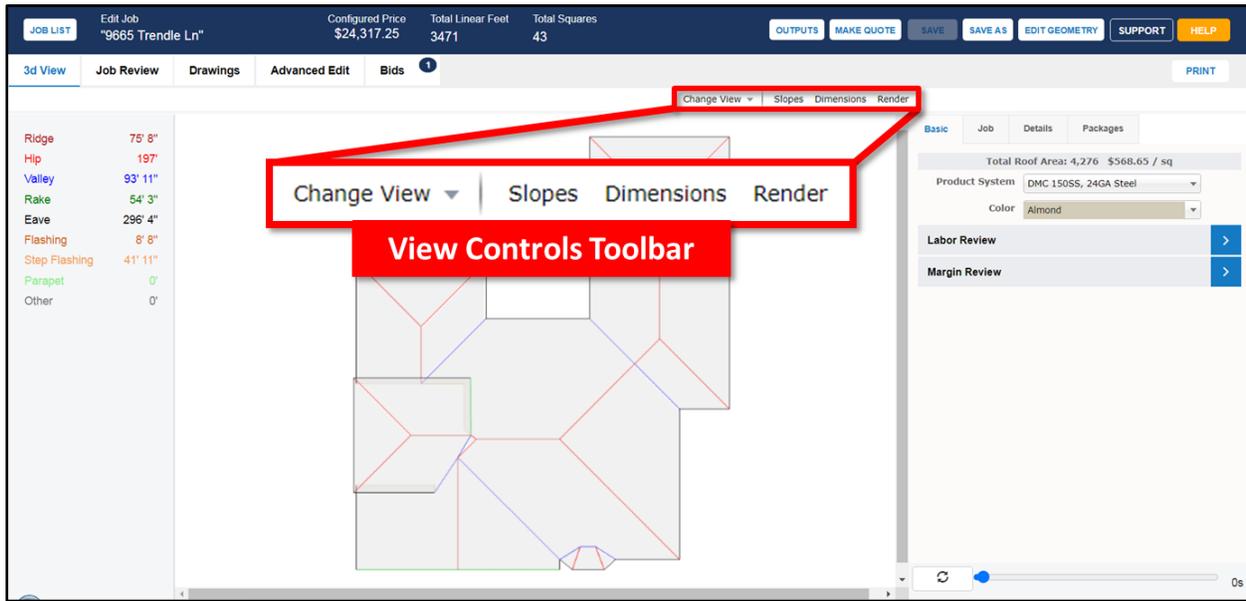


Figure 1: Roofing Passport's *View Controls Toolbar* is available on the *Edit Job*, *Prep Job* and *View Job* pages.

Change View

The *Change View* drop-down list (**Figure 2**) provides nine preconfigured perspectives from which to view your model. These nine views are available regardless of the other *View Controls* being used:

1. Back Right
2. Back Elevation
3. Back Left
4. Right Elevation
5. Plan View
6. Left Elevation
7. Front Right
8. Front Elevation
9. Front Left

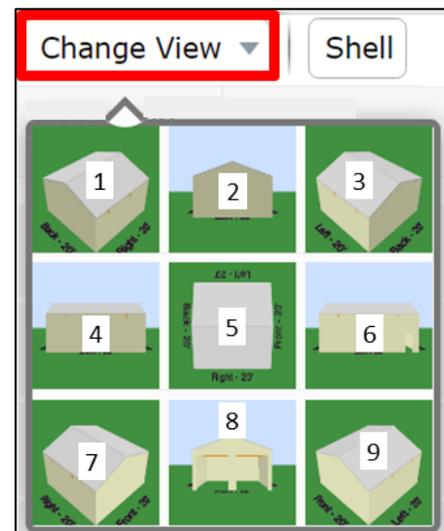


Figure 2: The nine predefined views available in the *Change View* drop-down list.

Slopes

The Slopes button is used to toggle pitch information for all roof planes on and off.

NOTE – The Slopes control only works if the model is currently rendered as a line drawing (not as a virtual 3D model).

Dimensions data may be toggled on at the same time Slopes data is displayed.

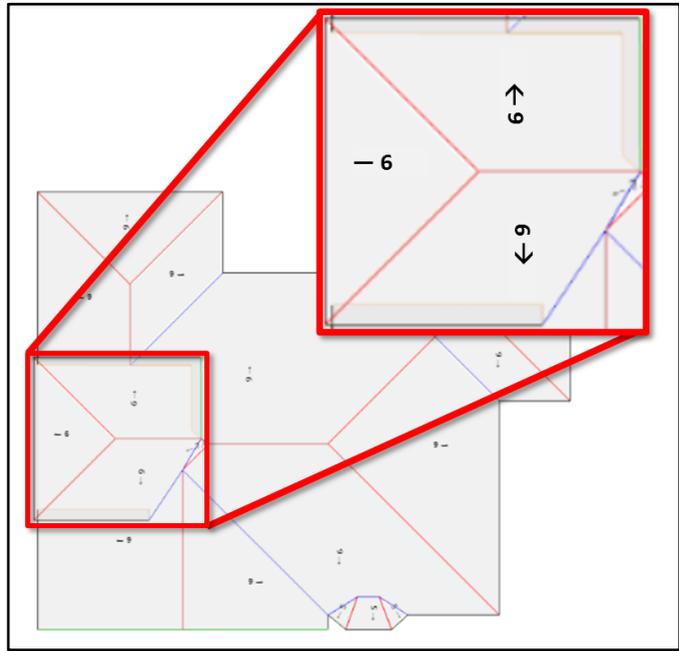
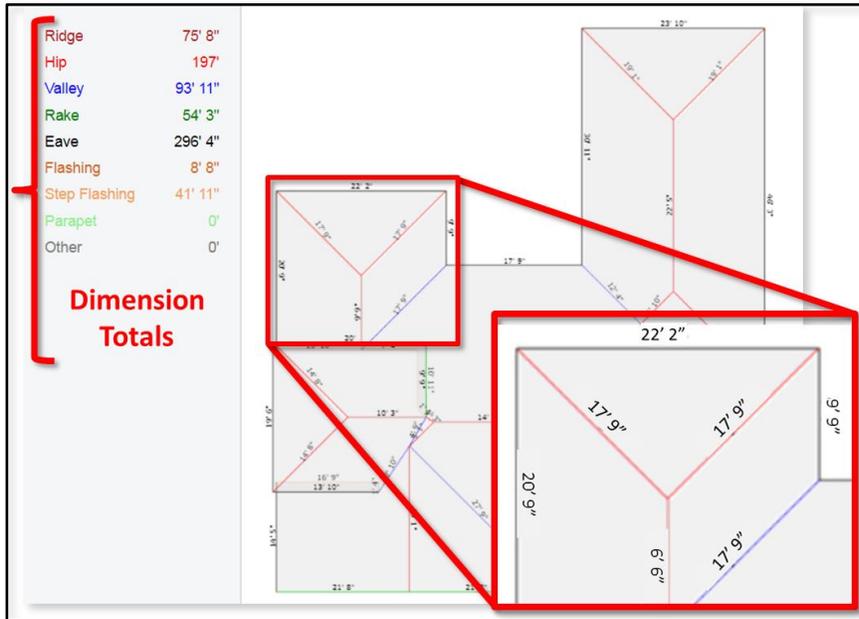


Figure 3: Slope data can only be displayed when your model is rendered as a line drawing

Dimensions



Use the Dimensions view control button to toggle the measurements for all roof planes on and off. Dimensions data can be displayed whether your roof is rendered as a line drawing or a virtual 3D model. **NOTE** – In 3D View Mode, the far left-hand side of the Display Pane provides Dimension Totals for each different roof-line type. As shown in Figure 4, The colors used in the in the line drawing correlate with the colors used in the Dimension Totals.

Figure 4: The line colors used when your roof is rendered as a line drawing, correlate with the Dimension Totals shown to the left of the Display Screen.

Render

Click the `Render` button to toggle back and forth between a 3D virtual rendering of your roof model (**Figure 9A**) and a 3D line drawing (**Figure 9B**). Both `Slope` and `Dimensions` data can be toggled on and off when your roof is rendered as a line drawing, however, `Slope` data cannot be displayed when your roof is rendered as a 3D virtual model.

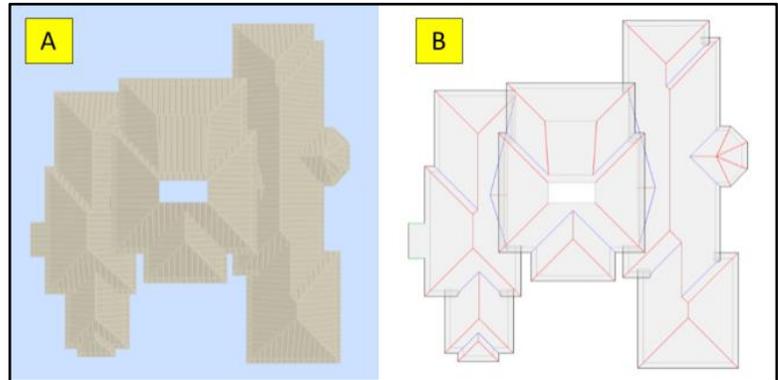


Figure 5: 3D virtual and line-drawing renderings of a model.

Mouse & Keyboard Commands

Regardless of the *View Control* buttons that are currently activated, you can use any of the following mouse and keyboard commands to further refine your view of a model:

MOUSE

Rotate – Click and drag your mouse anywhere in the *Display Pane* to rotate your model up, down, left and right.

Zoom In – Scroll wheel up

Zoom Out – Scroll wheel down

KEYBOARD

Zoom In – Page Up

Zoom Out – Page Down

Scroll Left – Left Arrow (←)

Scroll Right – Right Arrow (→)

Scroll Up – Up Arrow (↑)

Scroll Down – Down Arrow (↓)