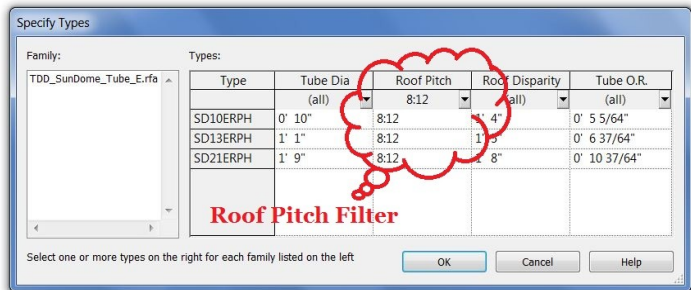




Instructions for Using Sun-Dome Revit® Families

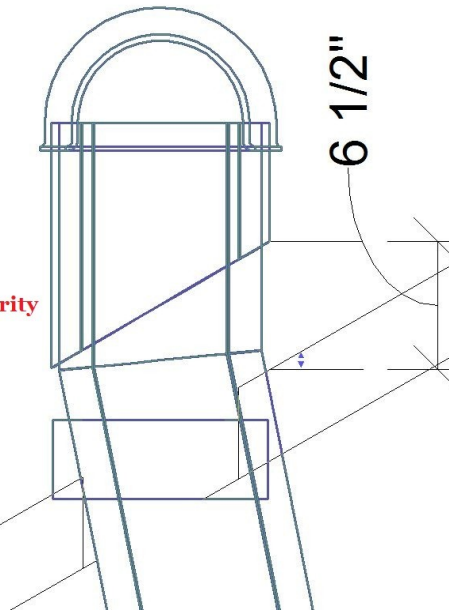
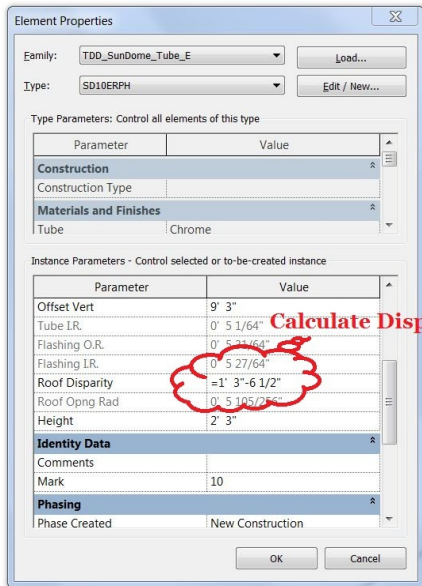
1. Within a Project click File/ Load from Library/ Load Family.
2. Navigate to the directory containing the Sun-Dome Revit® Families.
3. Select the desired Family Type as required, and click OK. Filters include Tube Dia. & Roof Pitch.



The Specify Types dialog displays

4. Place an Instance and open a Section View looking back at the unit.
5. Place a Detail Line at bottom right corner of the roof flashing. Copy the Detail Line down to intersect the Roof plane and place a Dimension as shown.
6. Using Revit's embedded calculator, subtract the length acquired in Step 5 from the Roof Disparity Parameter and click OK. The Bottom of the Flashing should now be flush with the Roof Plane.
7. Zoom out and adjust the tube angle and height using the blue Shape Handles to approximate tube trajectory.

*Note: Elbowed Tube Families visibility settings set to **No** for angles greater than 30°.*



8. Zoom in to Ceiling transition and adjust the tube's Ceiling Pitch Parameter to match that of the Ceiling as required.
9. Place a Detail Line at bottom right corner of the tube. Copy the Detail Line down to intersect the Ceiling plane and place a Dimension as shown.
10. Using Revit's embedded calculator, subtract the length acquired in Step 9 from the Offset Vert Parameter and click OK. The Bottom of the Tube should now be flush with the Ceiling Plane.
11. Open and load the desired Diffuser Family.
12. Align/ Move Diffuser and you now have an accurately placed Sun-Dome TDD in your Revit® Project!

