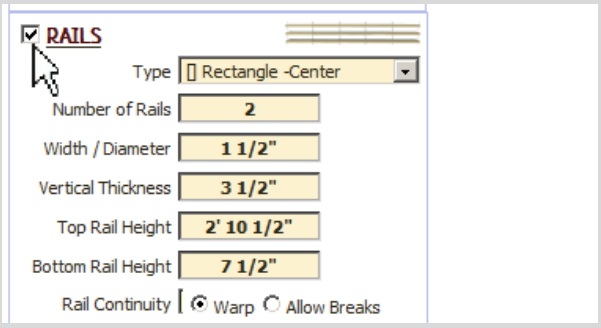
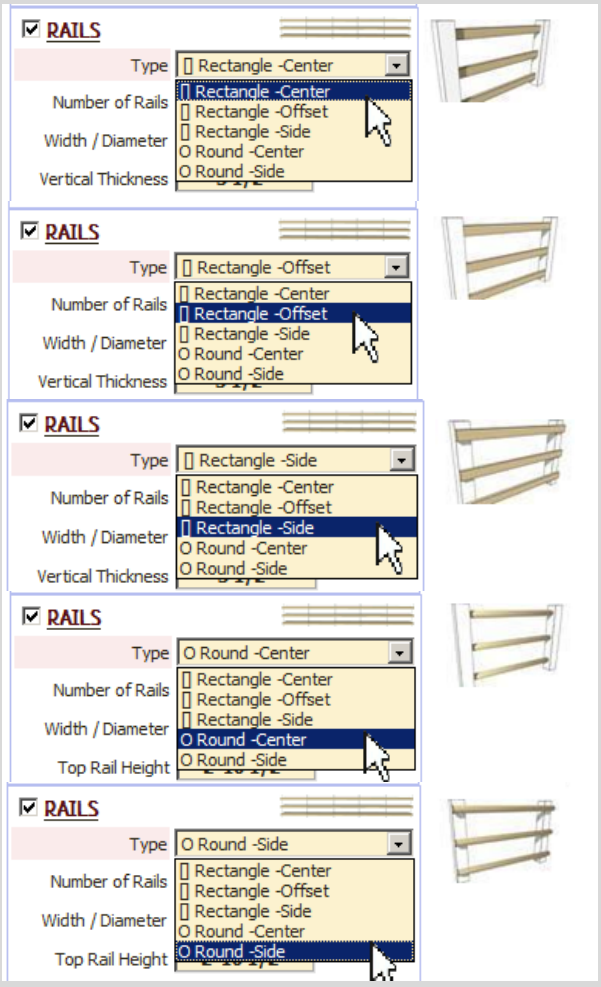
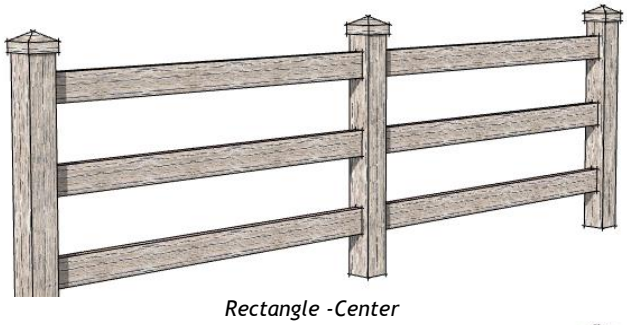
Instant Fence & Railing — Rails and Handrails

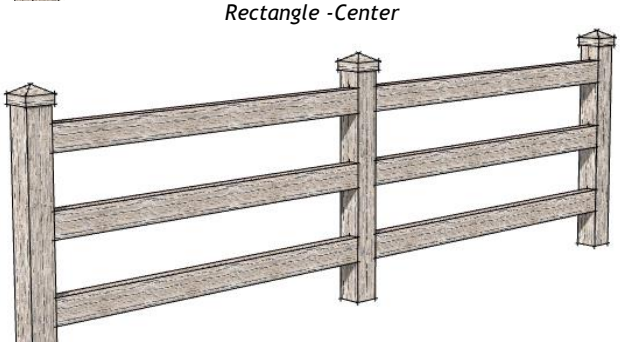
Rail Types *Note: Rails are cut between posts when "Stepped" is selected but will be continuous when "Sloped"*



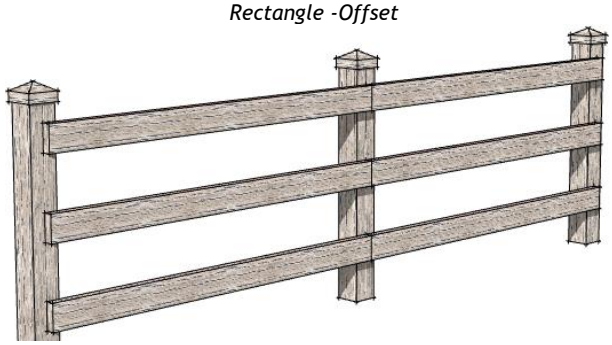




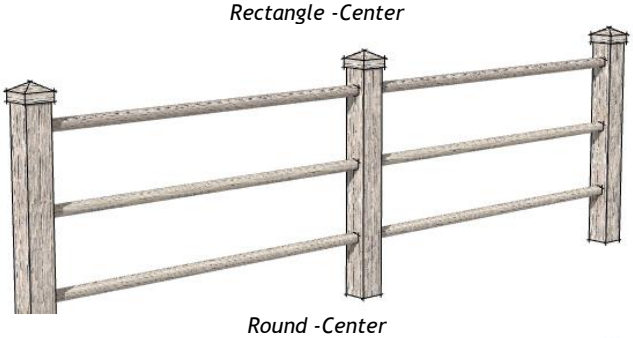
Rectangle -Center



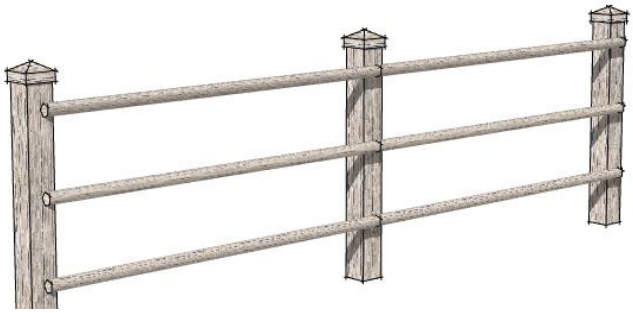
Rectangle -Offset



Rectangle -Center



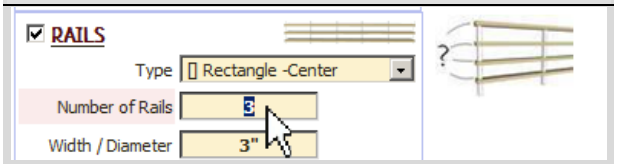
Round -Center



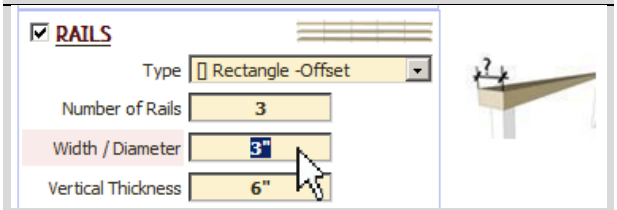
Round -Side

Rail Parameters.

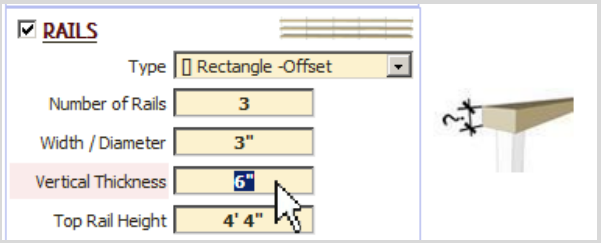
Number of Rails



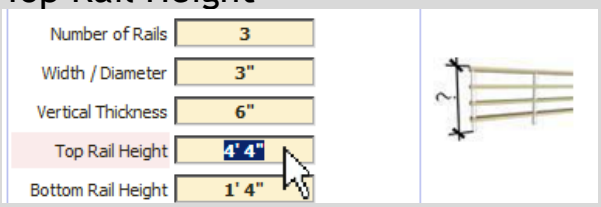
Width / Diameter



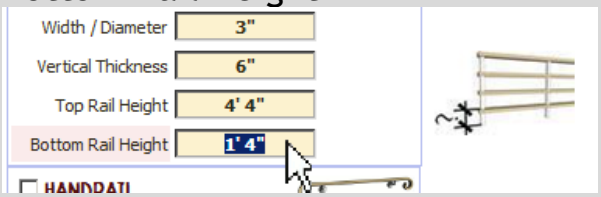
Vertical Thickness



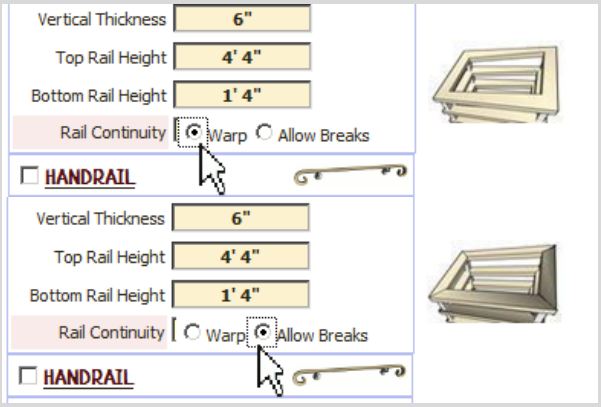
Top Rail Height



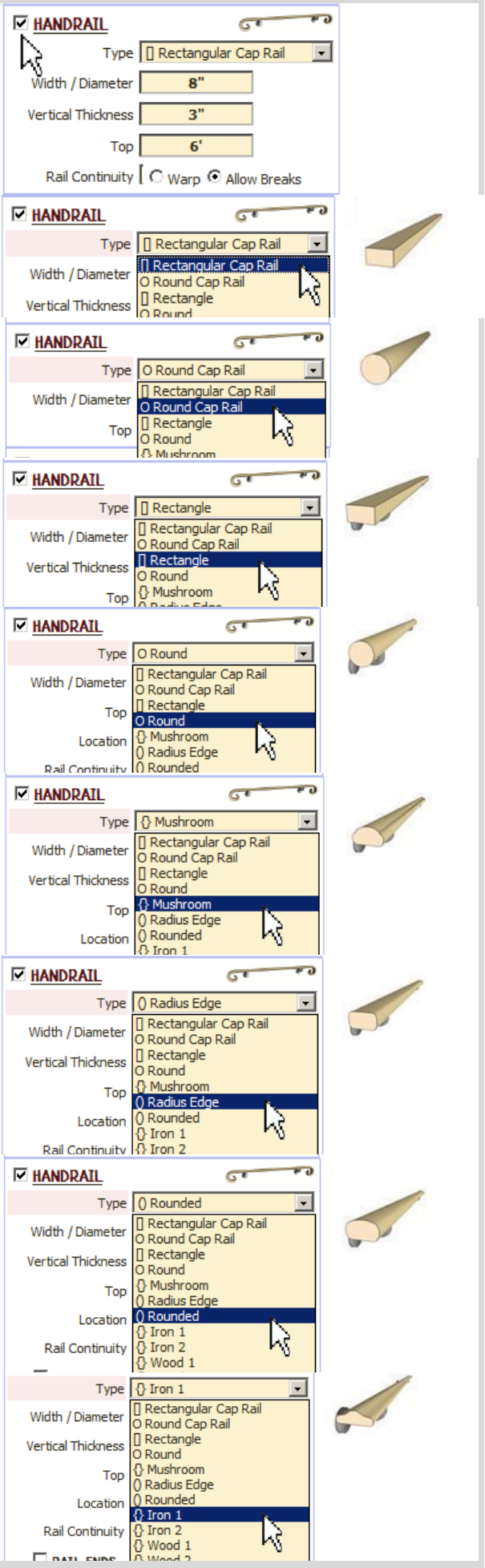
Bottom Rail Height

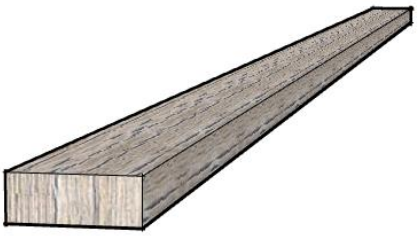


Rail Continuity *Applies to sloped condition.*

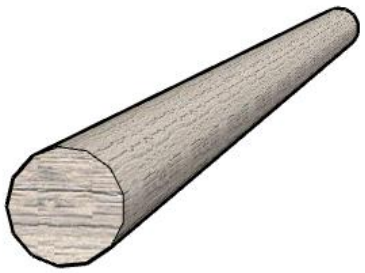


Handrail Types

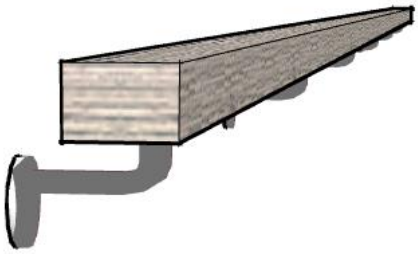




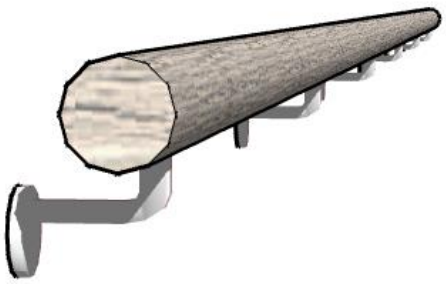
Rectangular Cap Rail



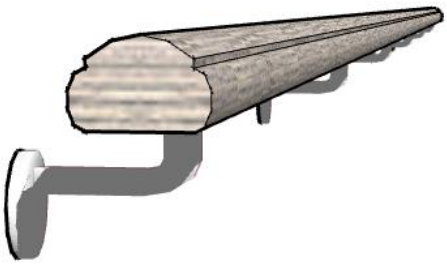
Round Cap Rail



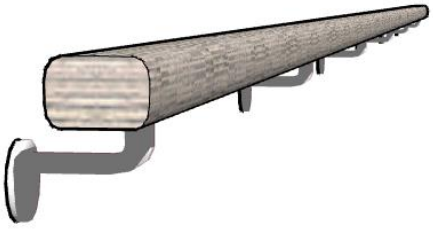
Rectangle



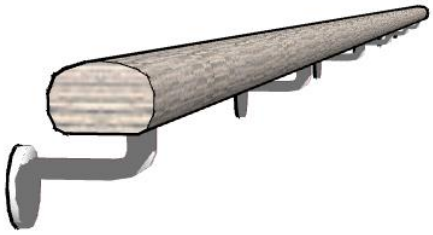
Round



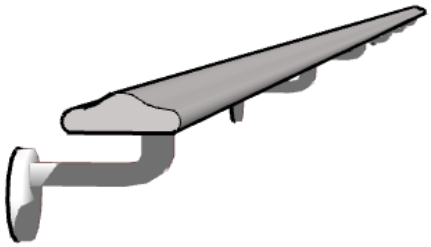
Mushroom



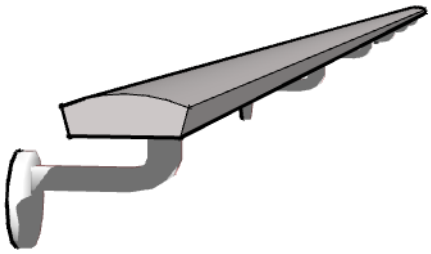
Radius Edge



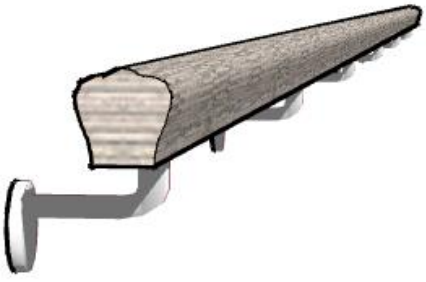
Rounded



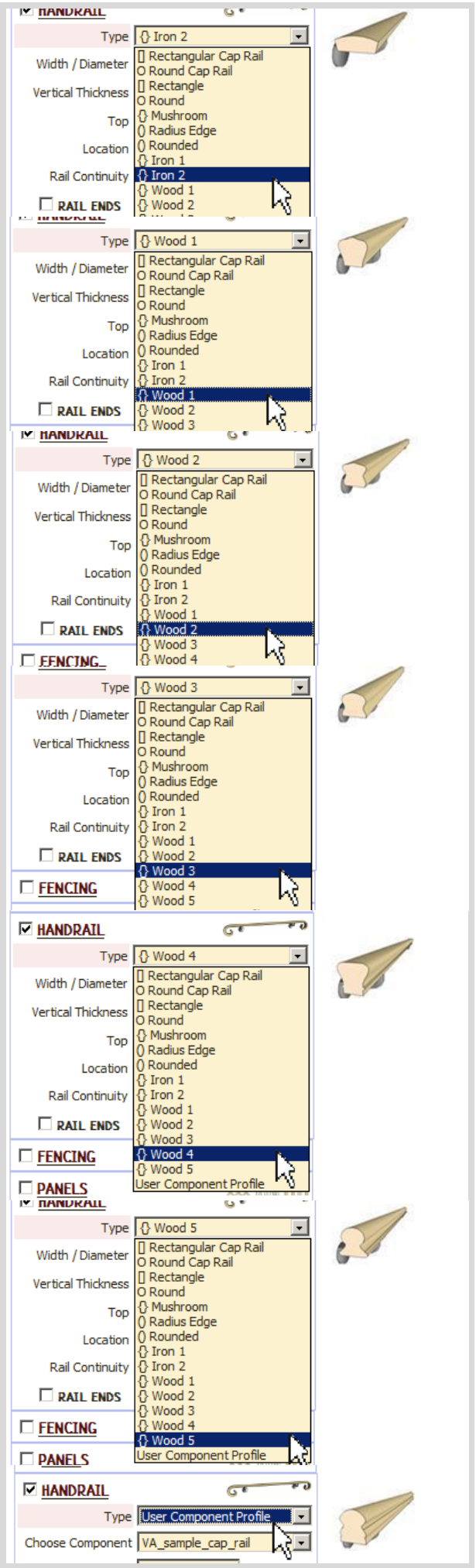
Iron 1

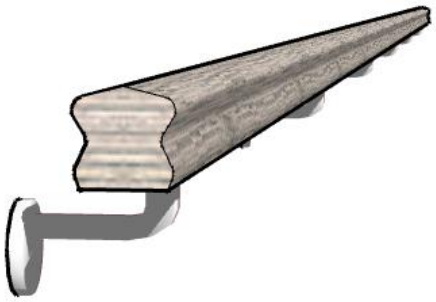


Iron 2

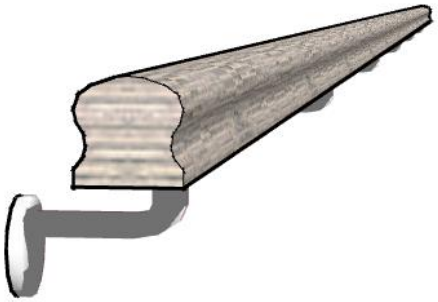


Wood 1

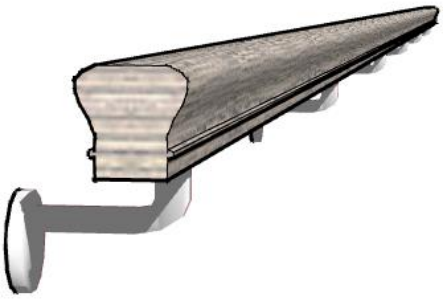




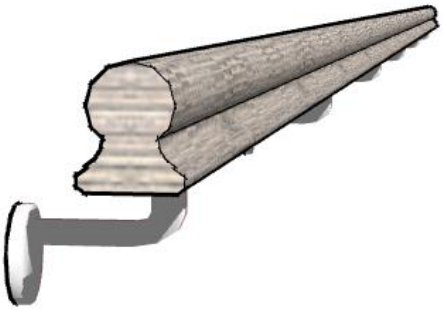
Wood 2



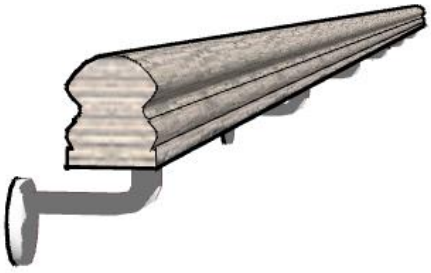
Wood 3



Wood 4



Wood 5

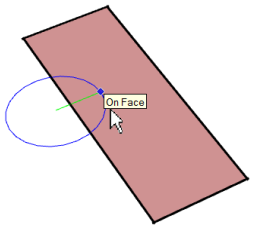


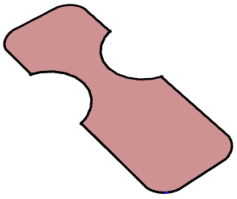
User Component Profile

"VA_sample_cap_rail" is shown here. But any user profile can be used.

Example: Custom Railing Profile

1. *Draw custom 2D shape and make it into a component*

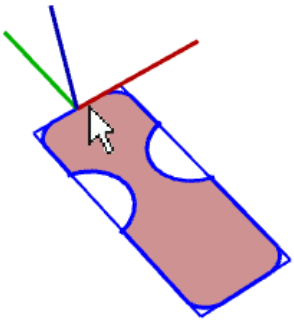




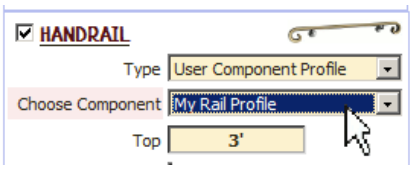
2. *Set axis where center of railing is to be. Z direction should be out of face.*

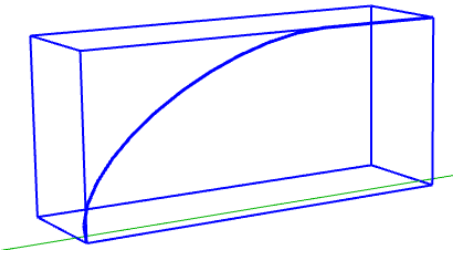
.



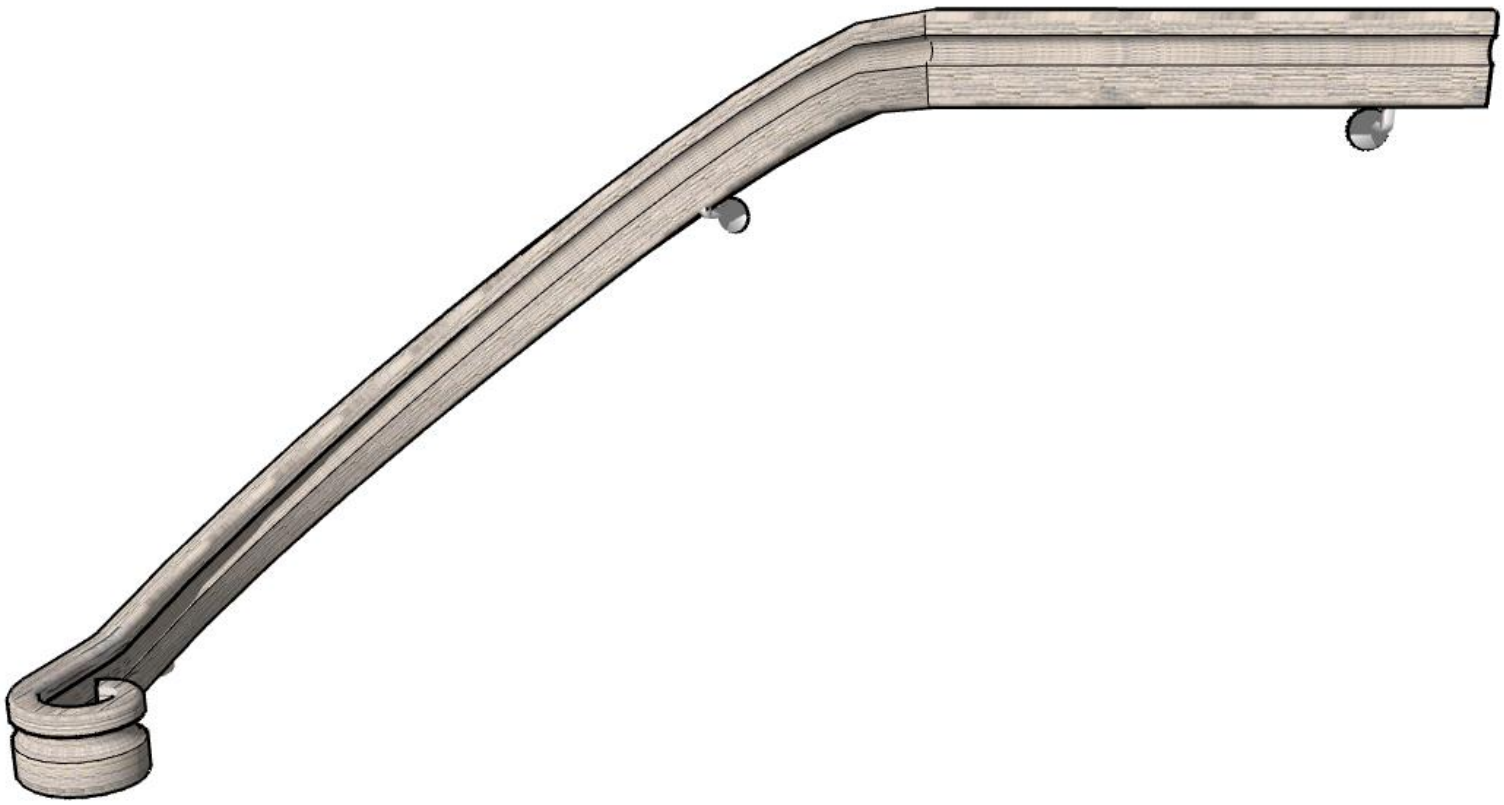


3. *Start Instant Fence Railing as usual. Choose "User Component Profile" and select the new component from the menu.*



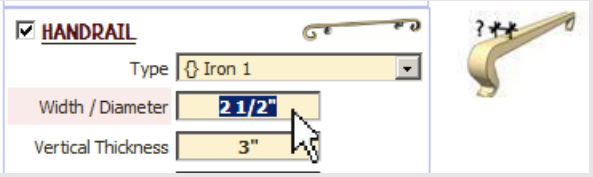


The output is a railing using the new custom profile and aligns material textures. Note: This differs from the SketchUp follow me tool because it twists the railing to maintain a vertical / horizontal cross section.

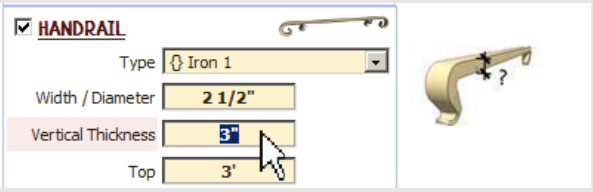


Handrail Parameters

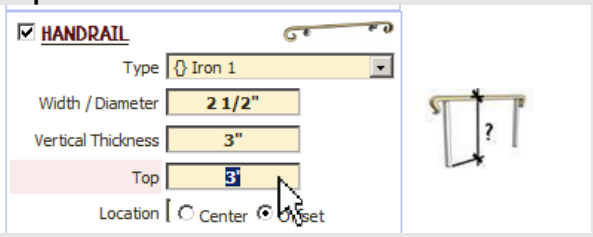
Width / Diameter



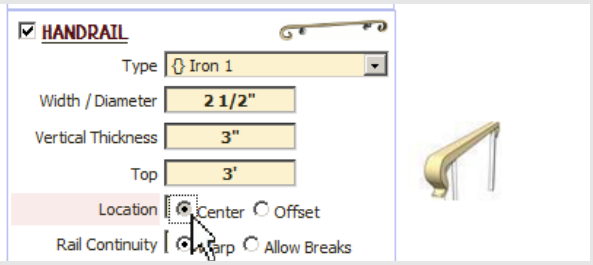
Vertical Thickness



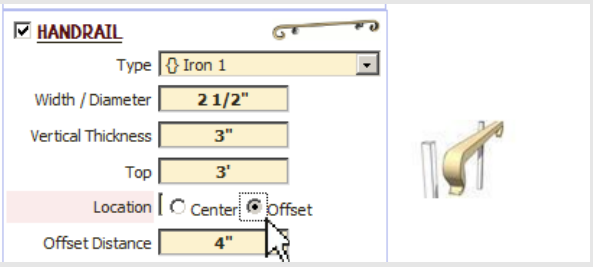
Top



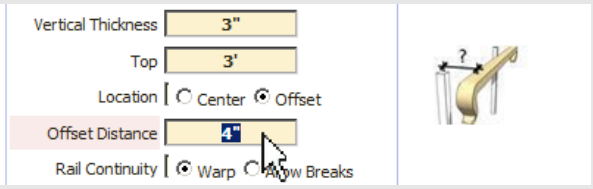
Location: Center



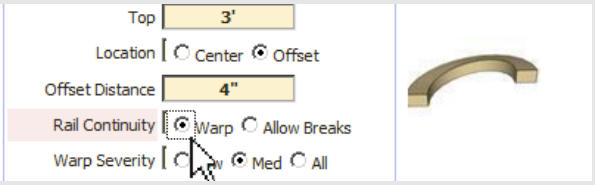
Location: Offset



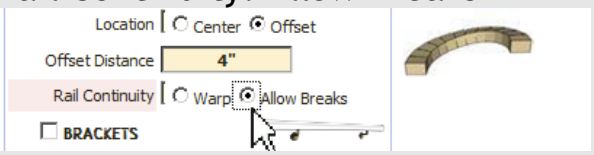
Offset Distance



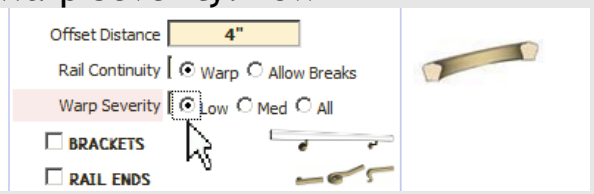
Rail Continuity: Warp *Applies to sloped condition*



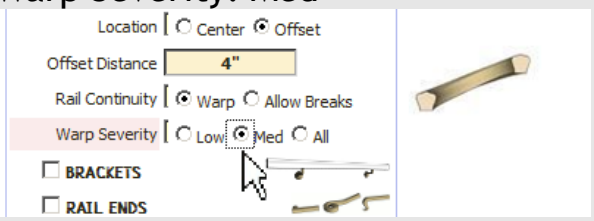
Rail Continuity: Allow Breaks



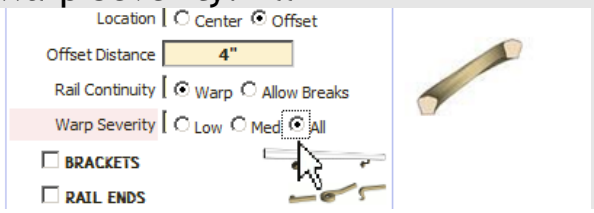
Warp Severity: Low



Warp Severity: Med



Warp Severity: All



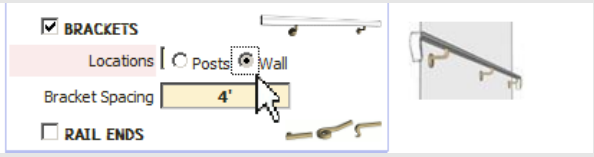
Handrail Brackets



Posts



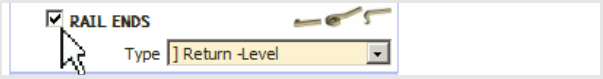
Wall

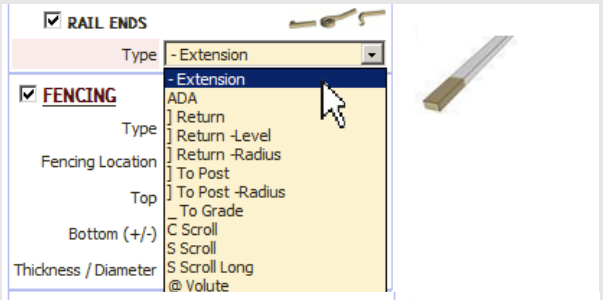


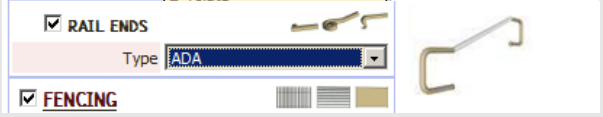
Bracket Spacing (Wall)



Handrail Ends



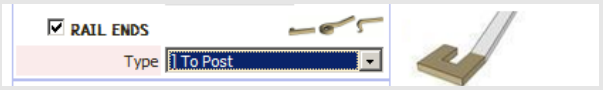












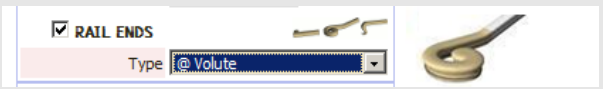


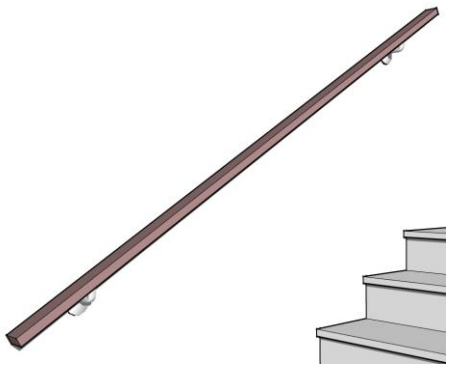




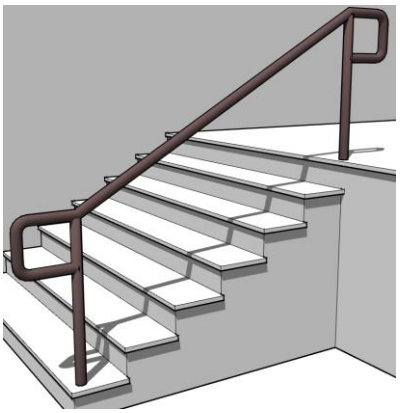




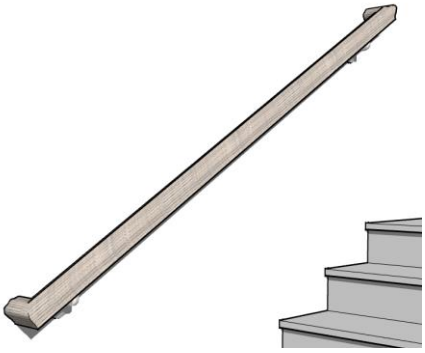




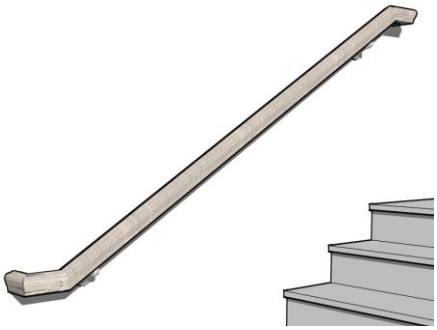
Extension



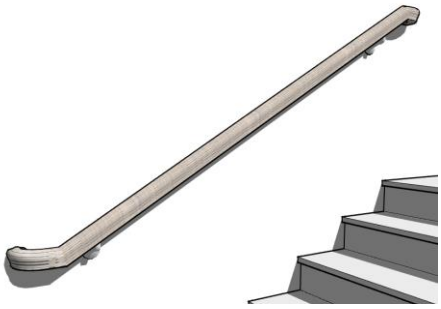
ADA



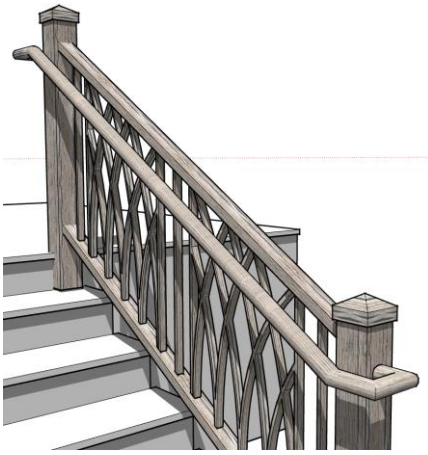
Return



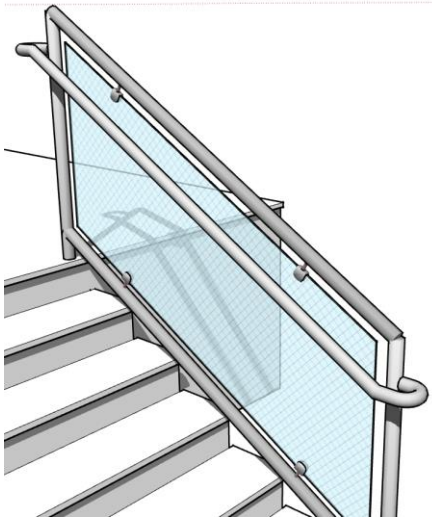
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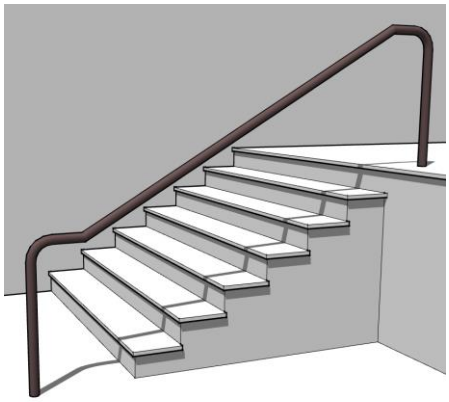
Return -Radius



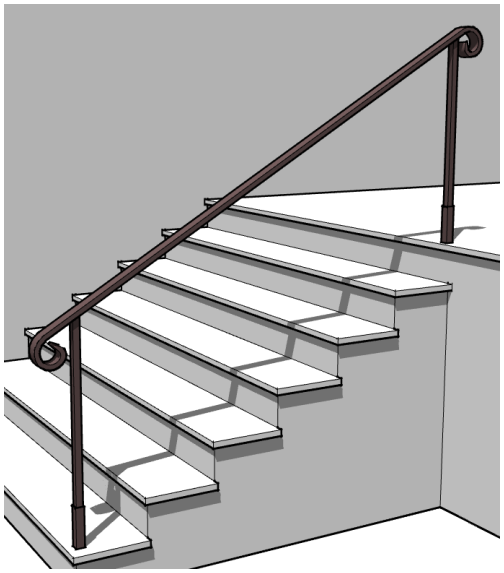
To Post



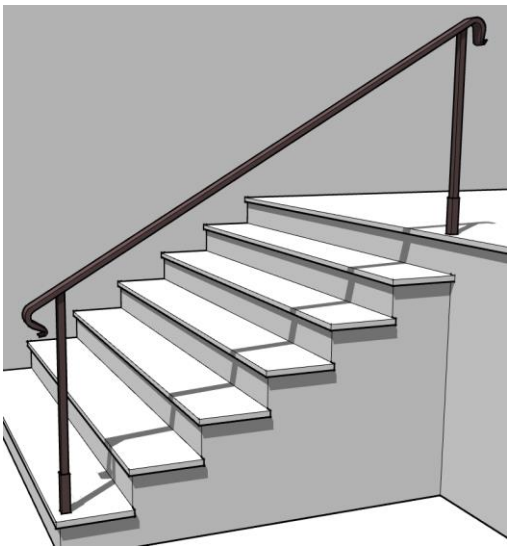
To Post -Radius



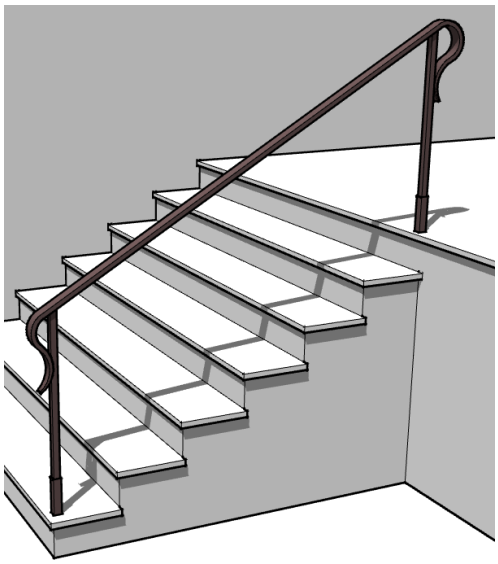
To Grade



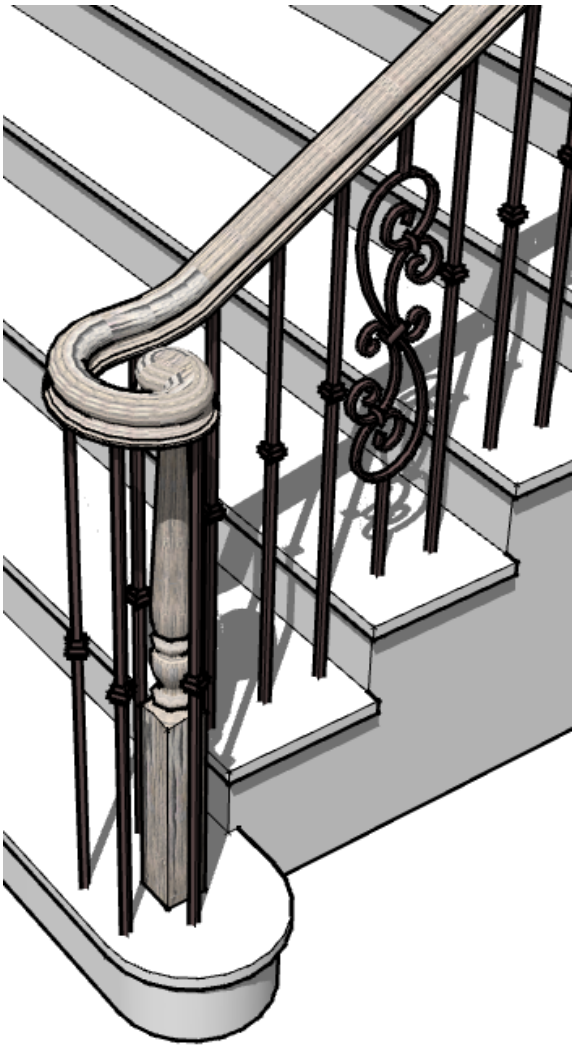
C Scroll



S Scroll



S Scroll Long



Volute

Note: A volute will only be modeled if the handrail is sloped. It will be located at the low end or ends.
Not all rail profiles will have a decorative end cap.