

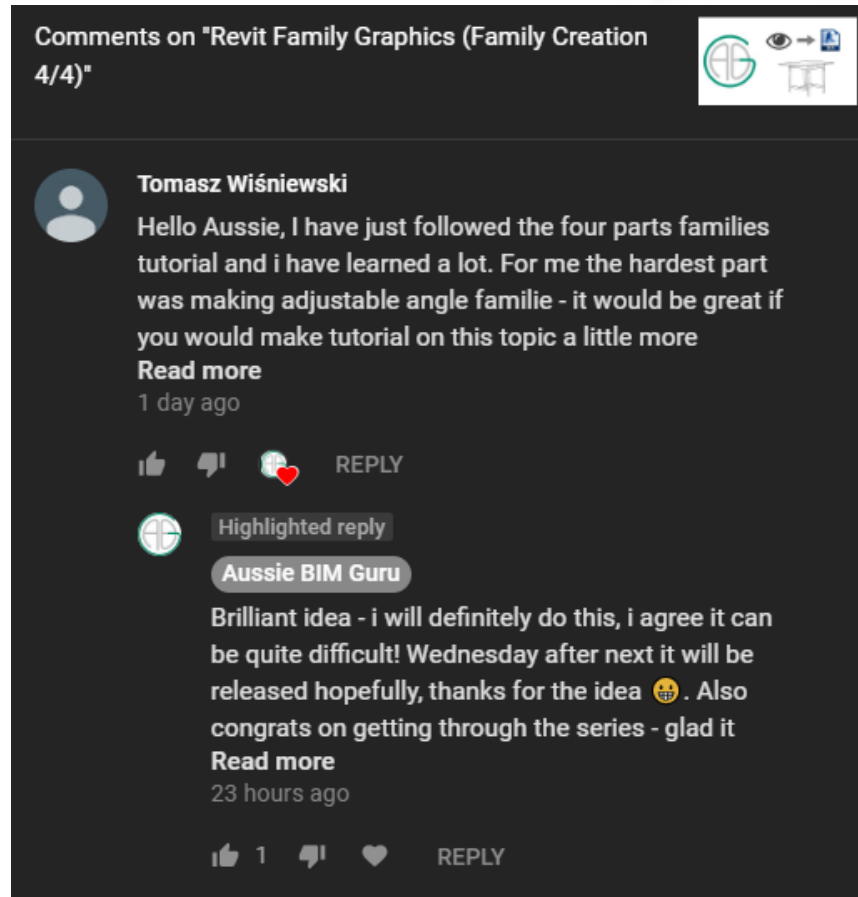
Content Creation

Angular Constraints



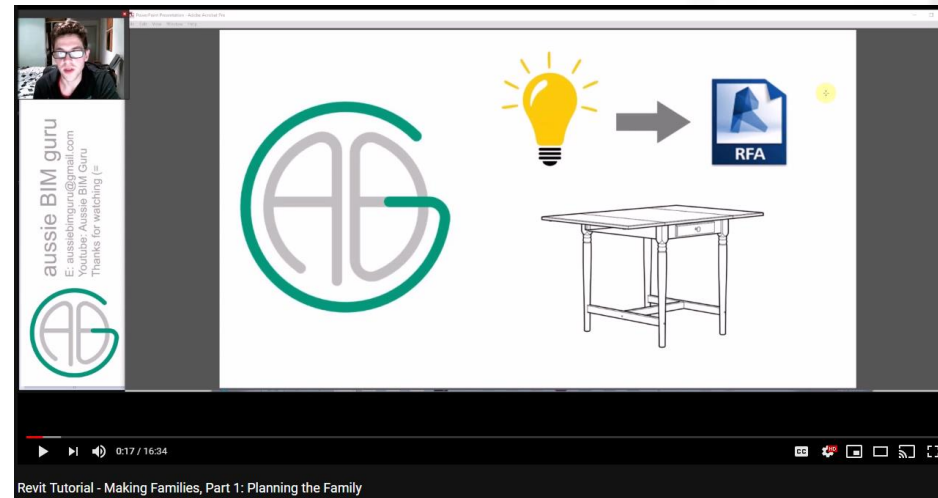
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Thanks for the request!



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Previous Videos



Revit Tutorial - Making Families, **Part 1: Planning the Family**

Revit Tutorial - Making Families, **Part 2: Geometry & Constraints**

Revit Tutorial - Making Families, **Part 3: Adding Parameters**

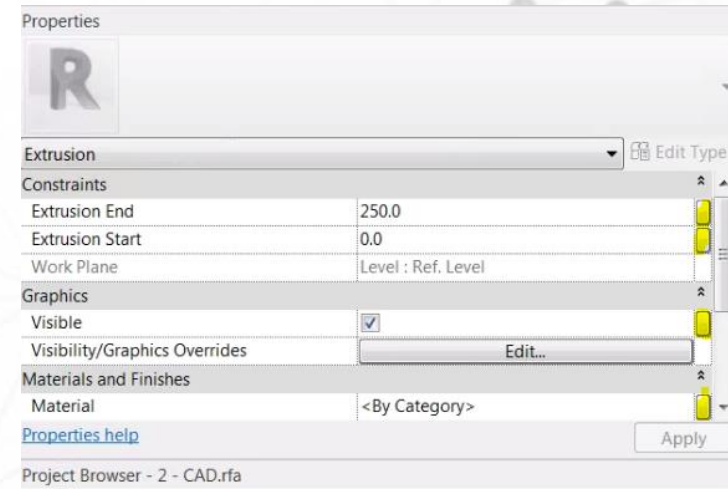
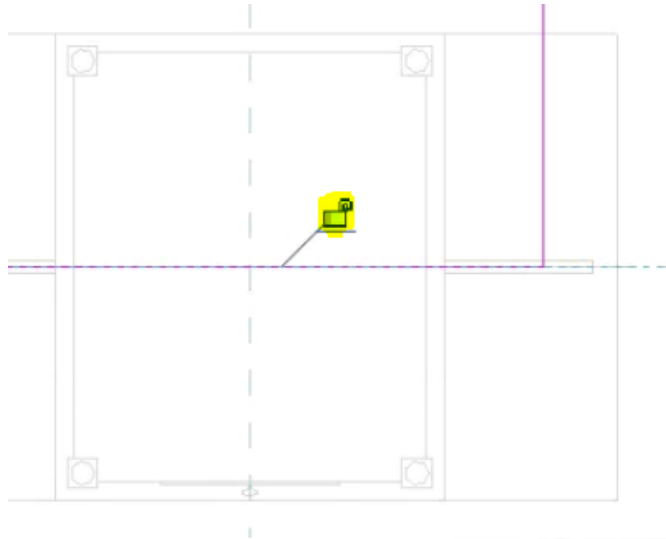
Revit Tutorial - Making Families, **Part 4: Graphics/Final Touches**



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Constraining

Basically, the **locking** of elements...
(or data)



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Do not Constrain to Geometry,
Constrain to **References**
(Unless it is absolutely necessary)



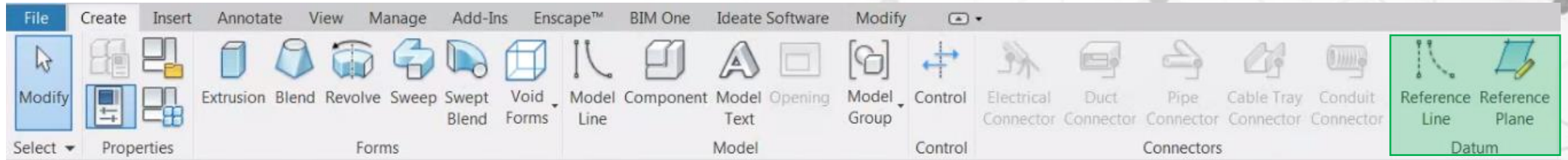
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Reference Planes/Lines

Used to create elements which we can **constrain** elements to.

Planes = infinite length

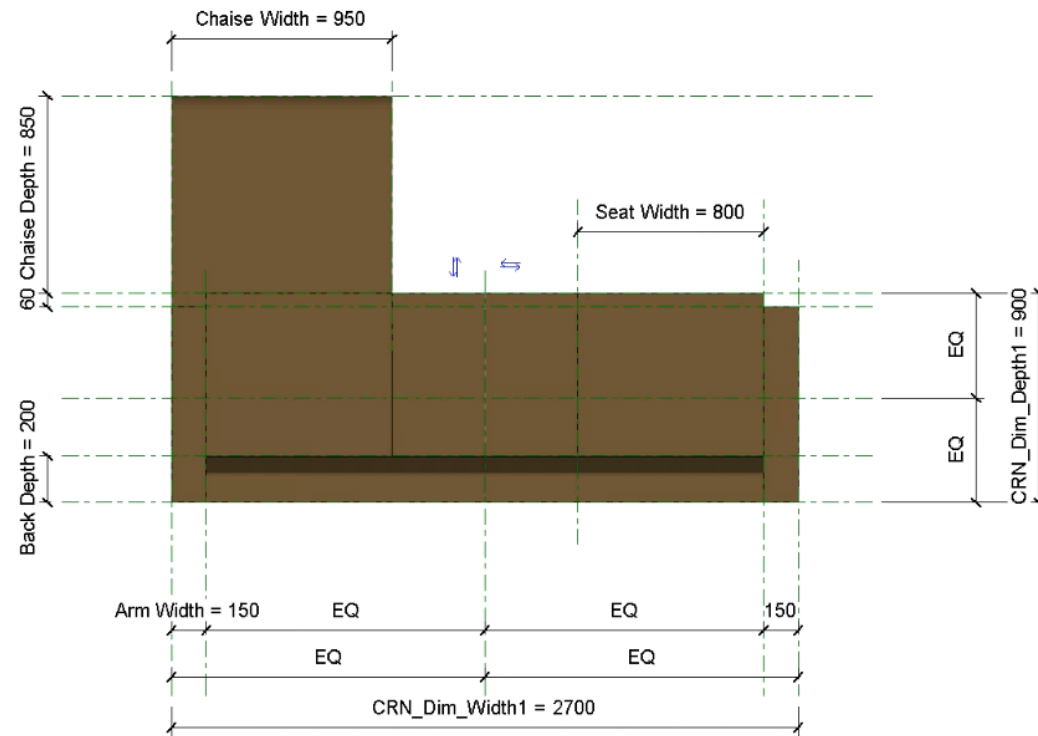
Lines = finite length



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Reference Planes

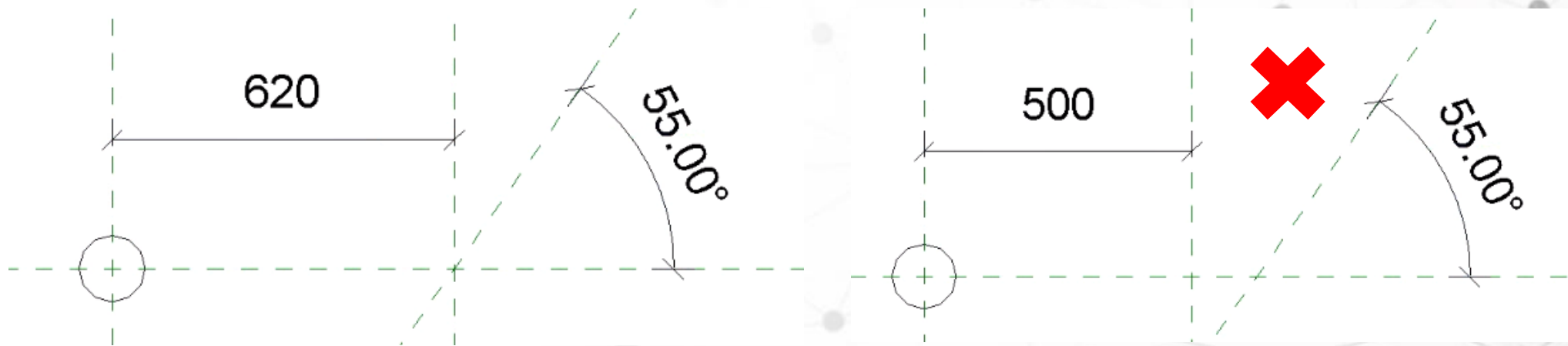
Great for 90 degree angles



We run into some issues

With angles and reference planes

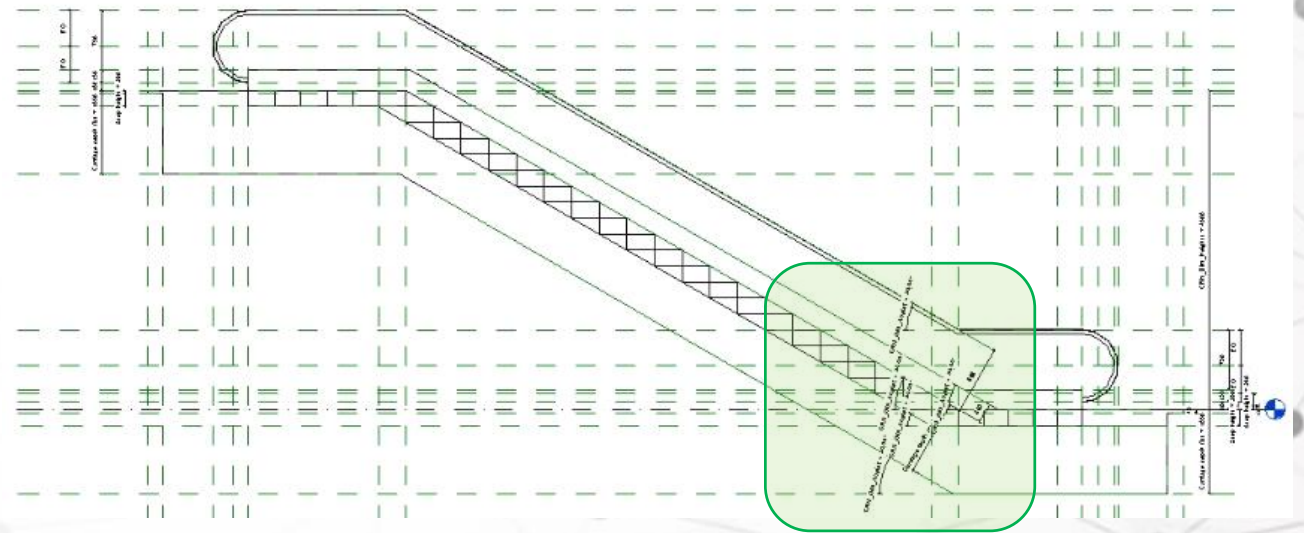
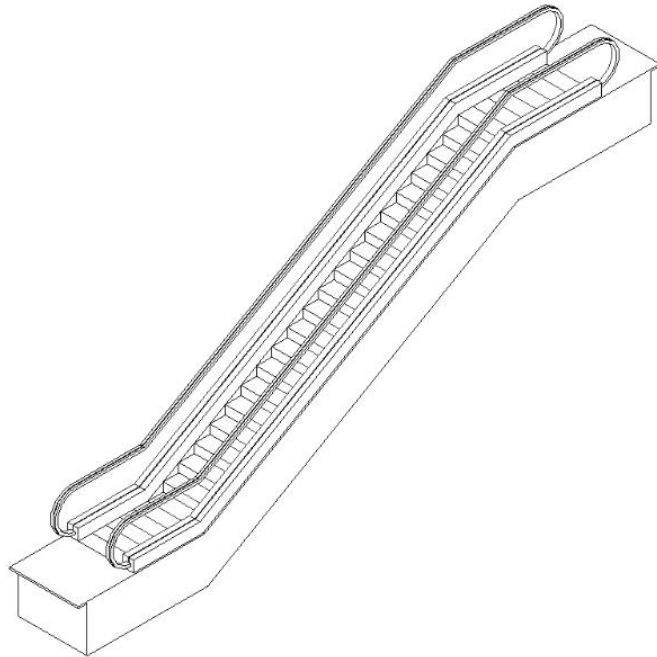
Reference Planes do not usually work!



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Examples

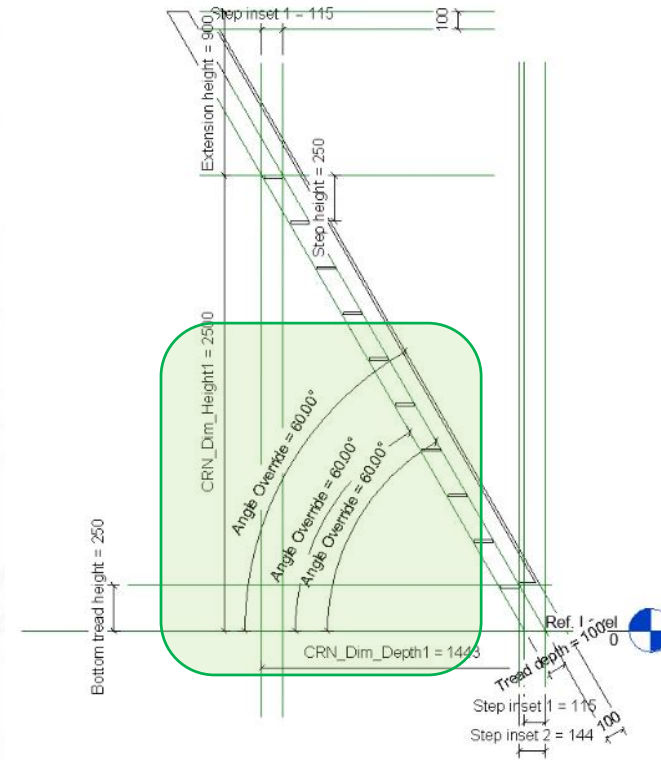
Of needing angular constraints



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Examples

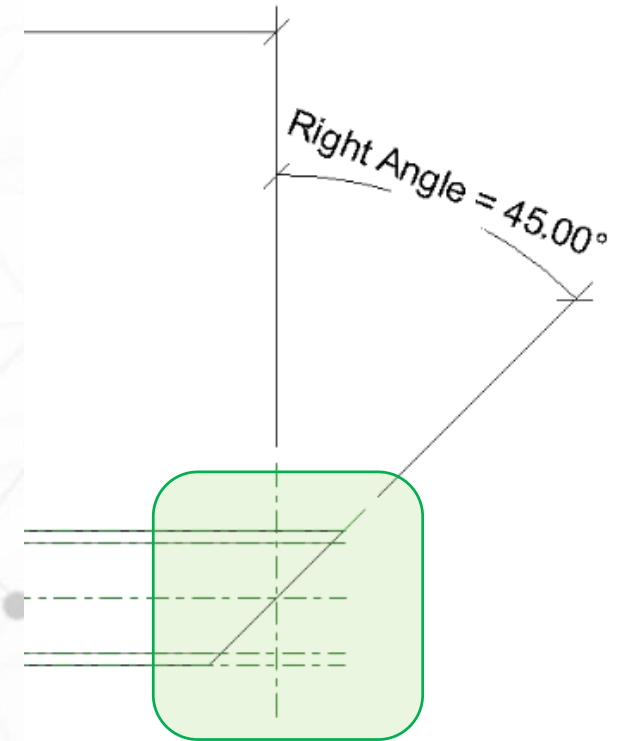
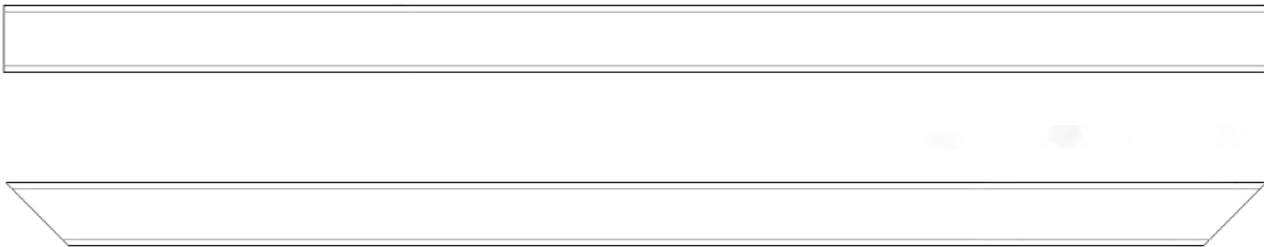
Of needing angular constraints



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Examples

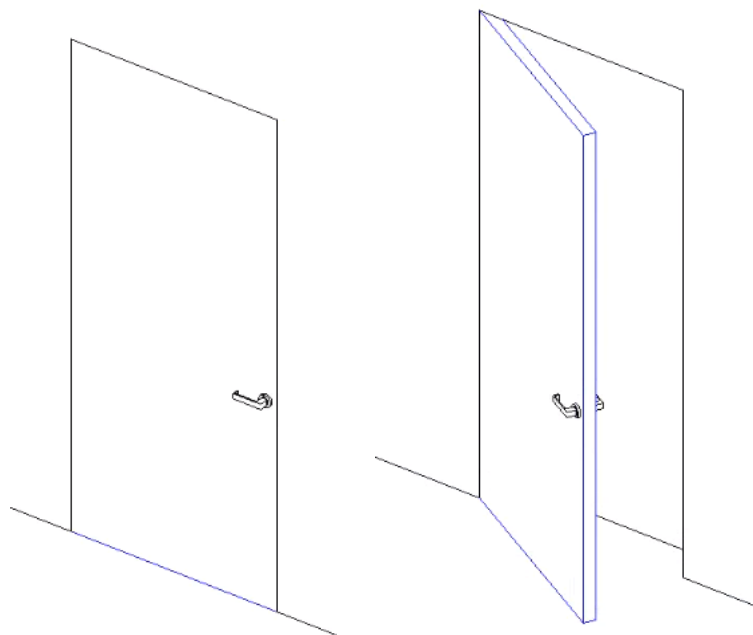
Of needing angular constraints



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Today's example

Adjustable door swing angle



Important tips for
nested elements



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A faint, light gray background graphic consisting of a network of interconnected dots and lines, resembling a molecular structure or a complex web, extending across the right side of the slide.

Without further ado...

Let's open our door!



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