



# My **10 Golden Rules**

for working in Revit

# My Golden Rules



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# Rule #1 Adapt



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# #1 Adapt

Let old habits die hard;  
use Revit as intended



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# #1 Adapt

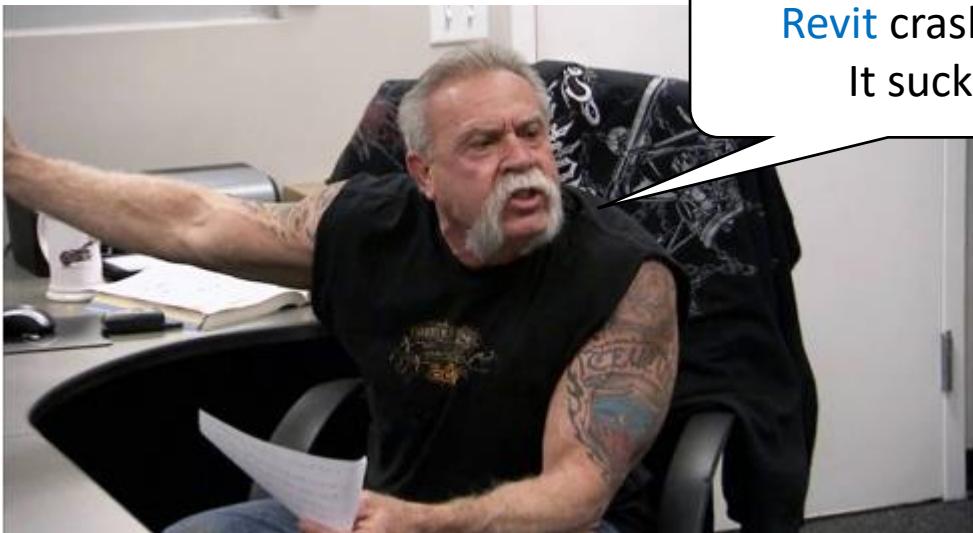
Learn workarounds



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# #1 Adapt

Don't let one bad experience ruin Revit



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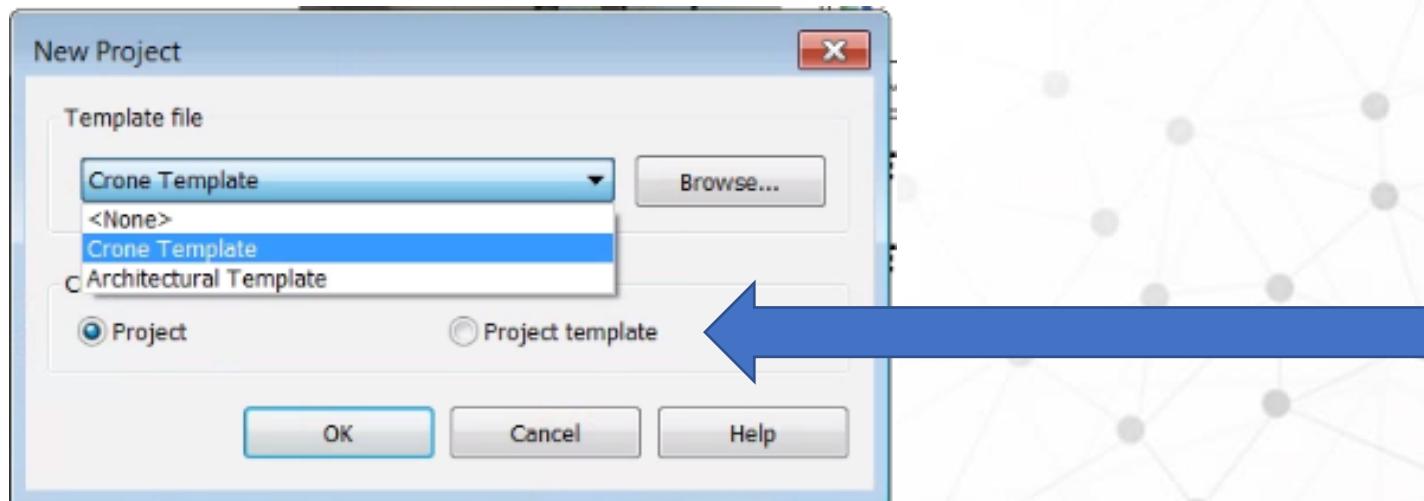
# Rule #2 Systemize



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# #2 Systemize

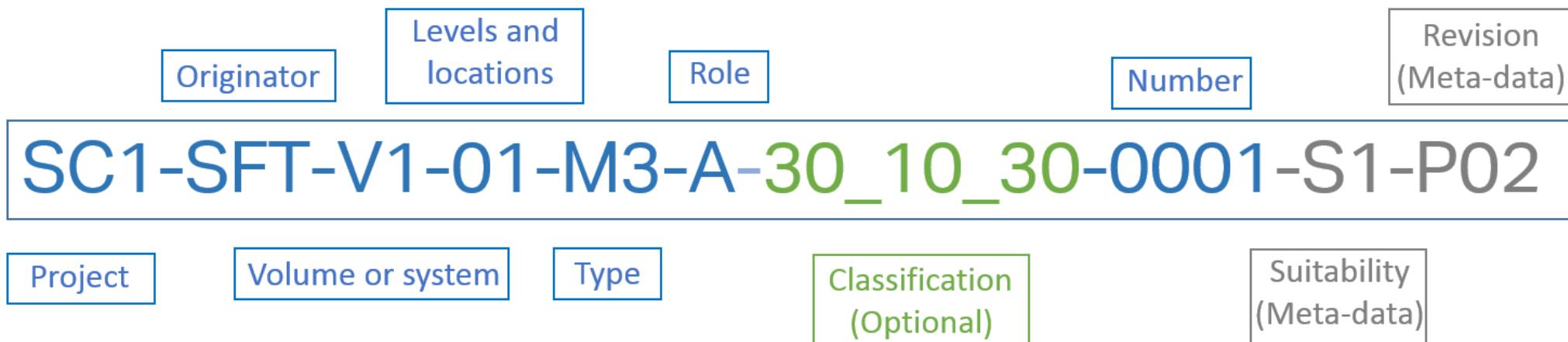
Manage template(s) – not too many!



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# #2 Systemize

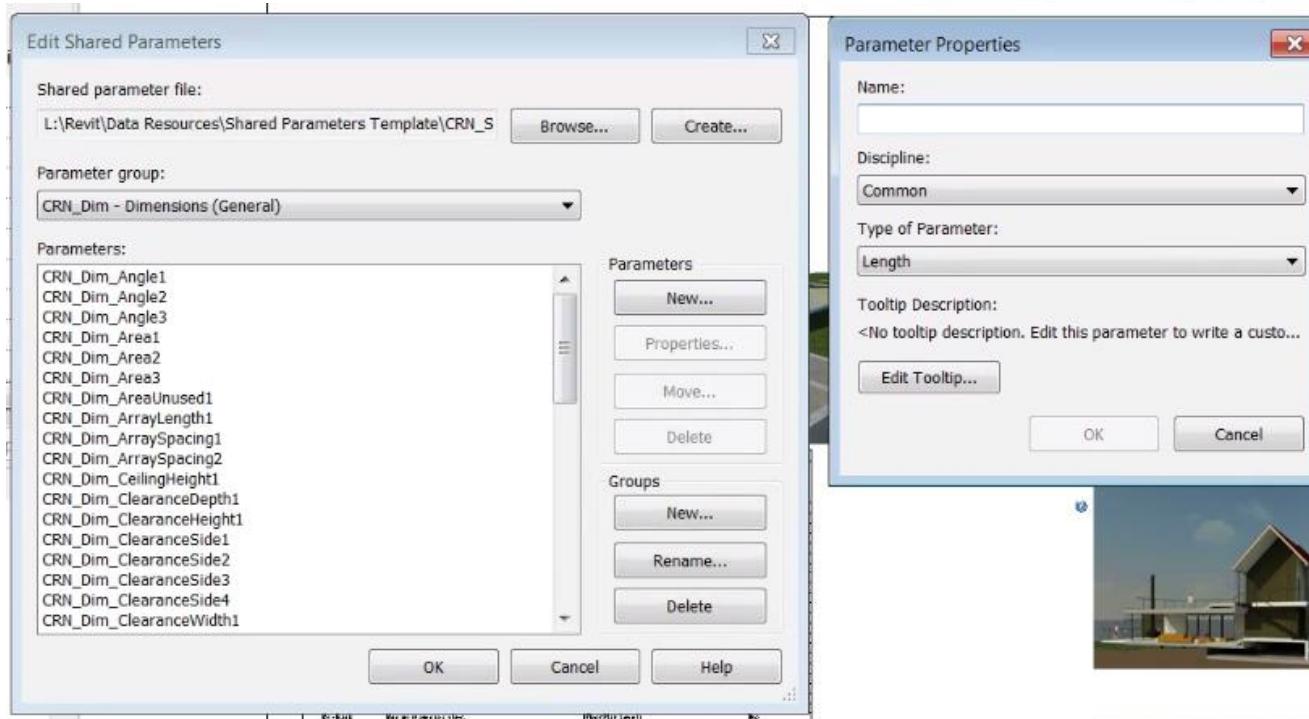
## Naming rules (& document them)



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# #2 Systemize

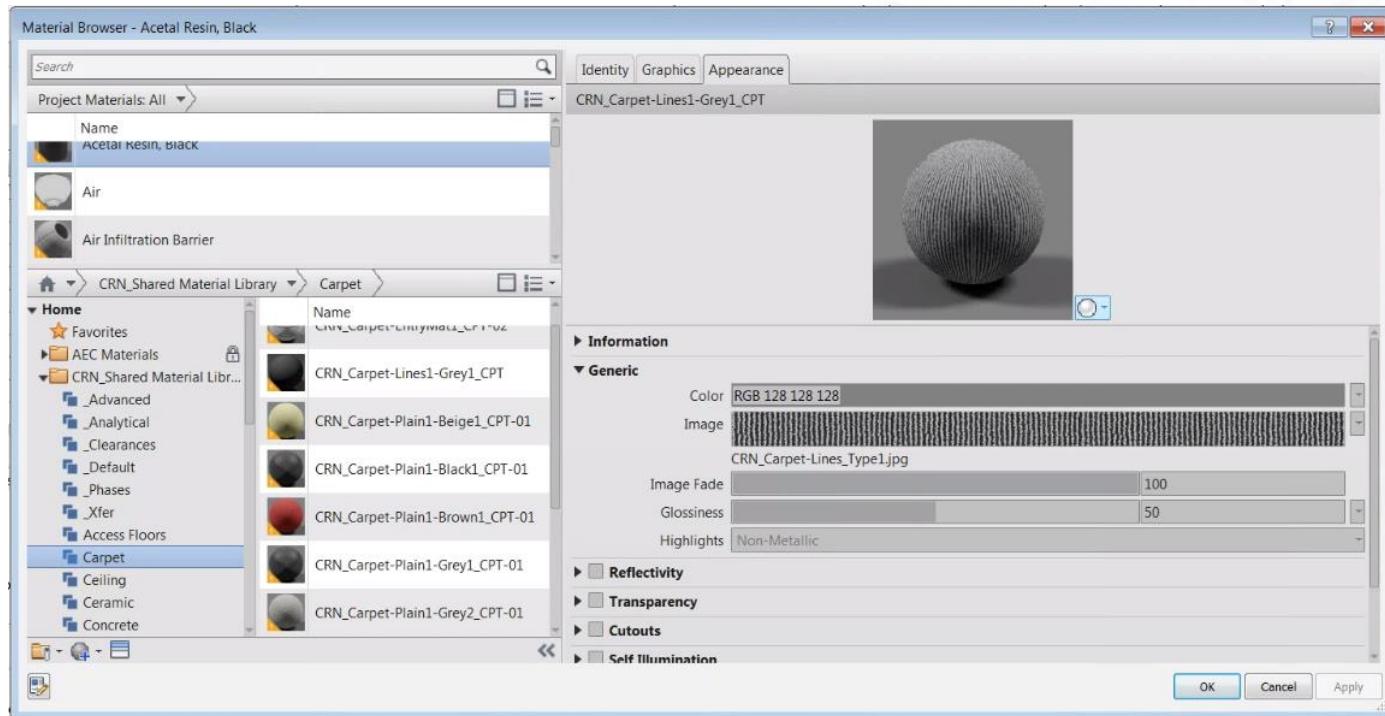
## Shared parameters file – start it early!



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# #2 Systemize

## Shared material library – start it early!



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# Rule #3 Modelling > Drawing



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# #3 Modelling > Drawing

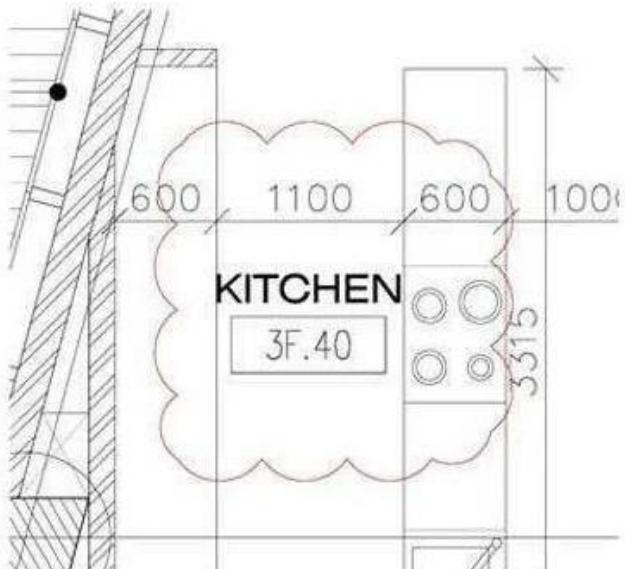
Think and work in 3D



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# #3 Modelling > Drawing

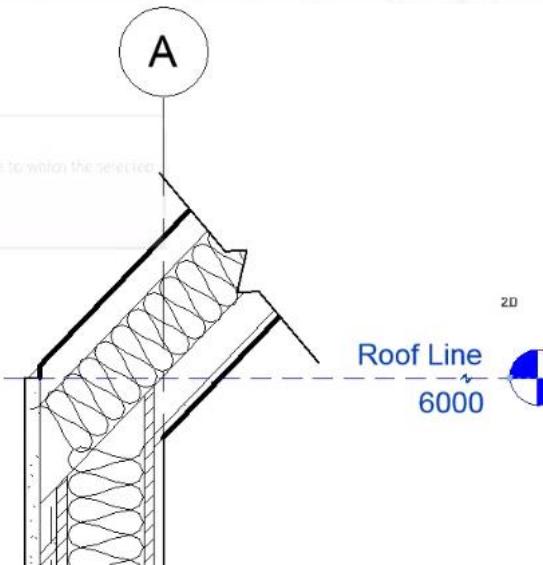
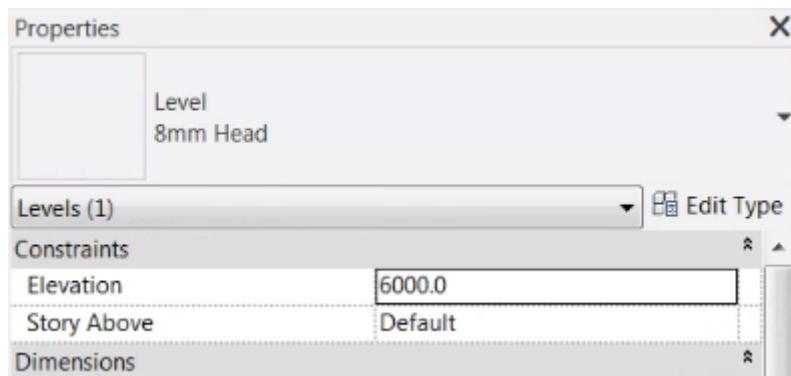
Model like it is built  
Learn about construction!



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# #3 Modelling > Drawing

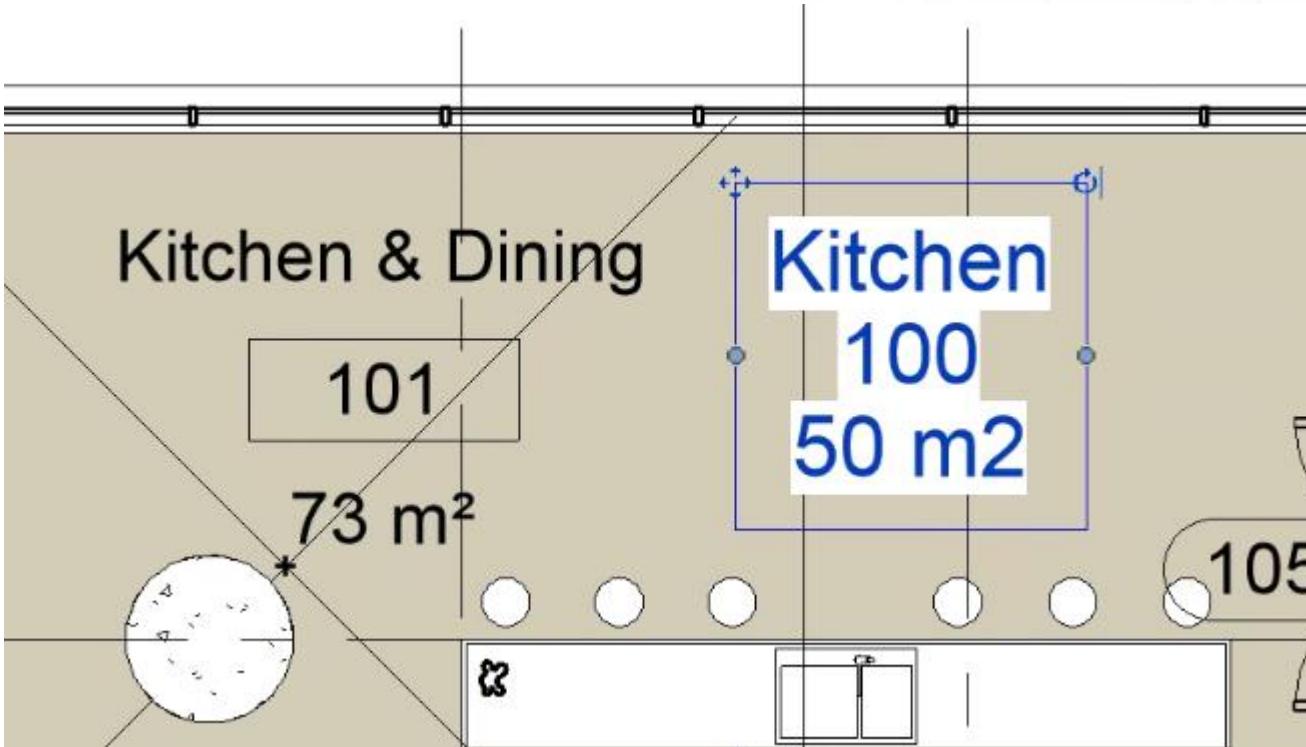
Model when above 1:20  
Draw over the model below this



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# #3 Modelling > Drawing

Tags are better than text



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# Rule #4 Manage your Views



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# #4 Manage your Views

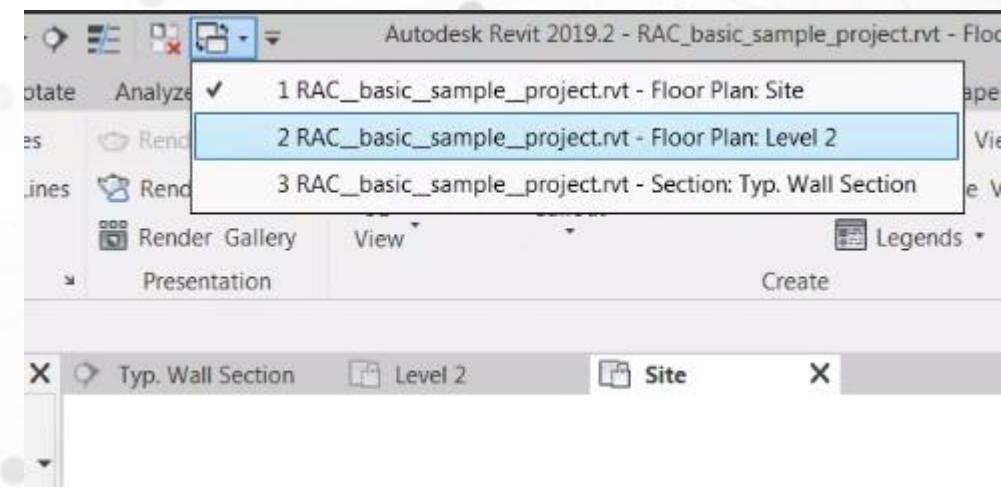
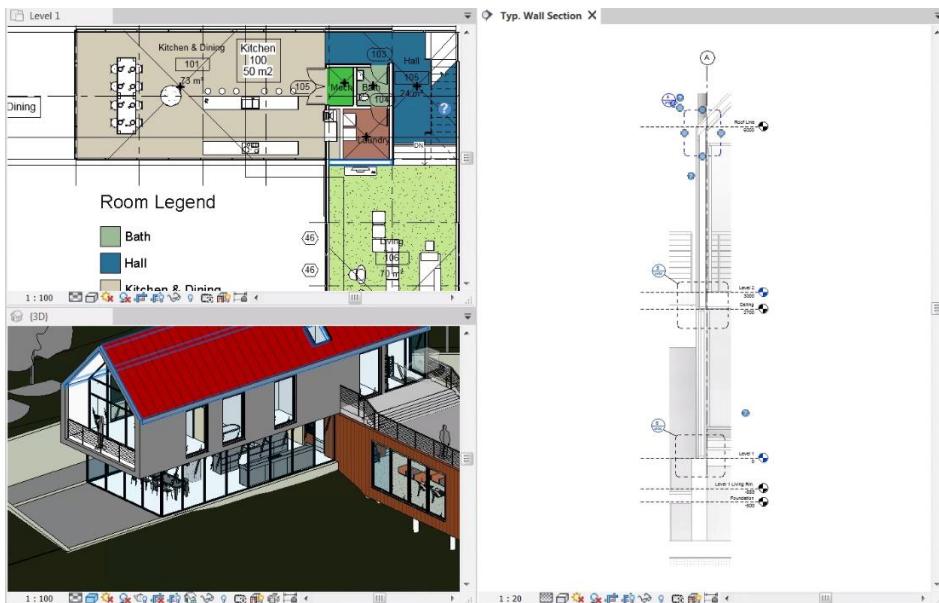
## Use Working Views



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# #4 Manage your Views

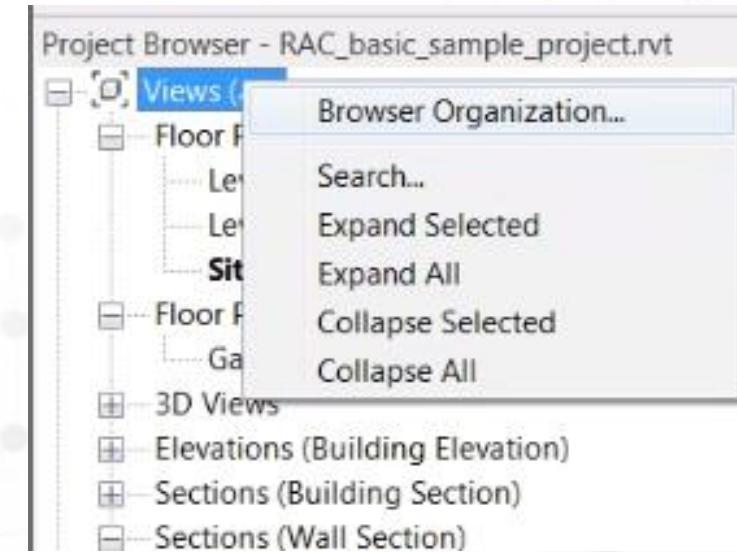
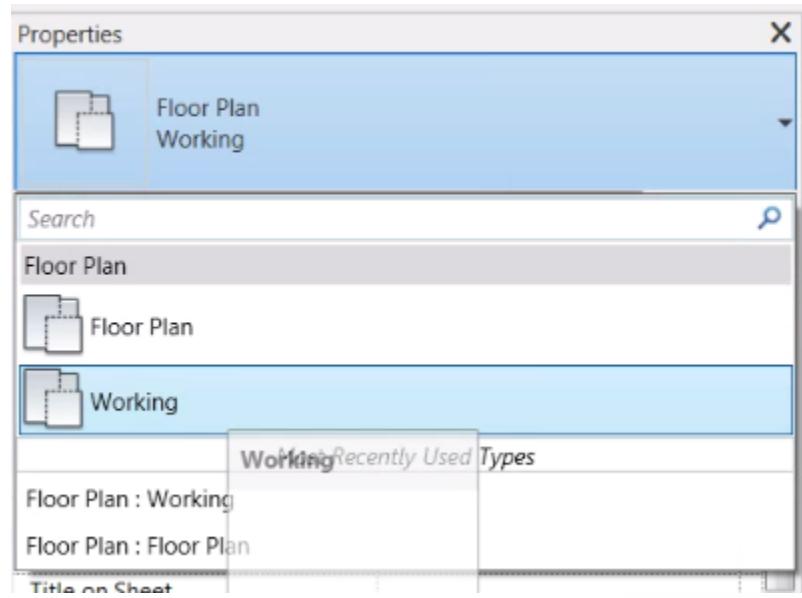
3 Views open at a time  
Close hidden often



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# #4 Manage your Views

Use View Types  
Organise your Project Browser



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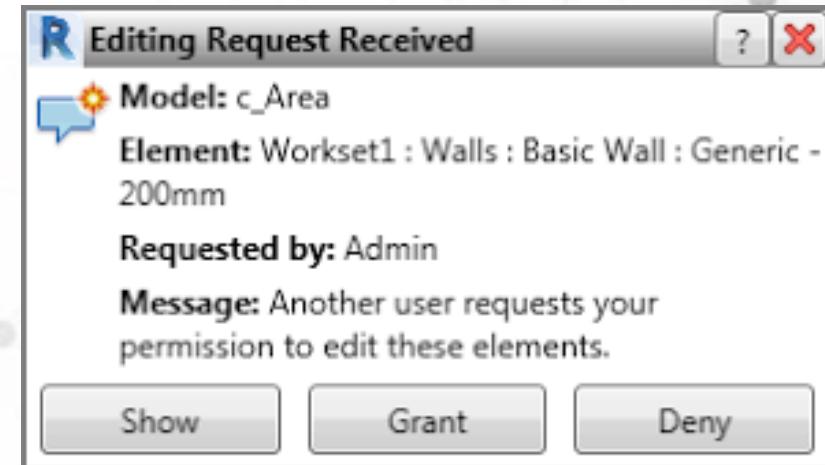
# Rule #5 Workshare Well



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# #5 Workshare Well

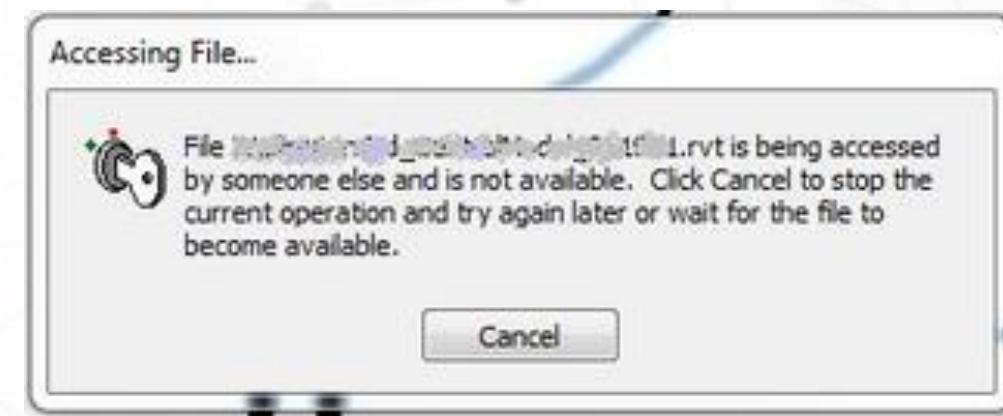
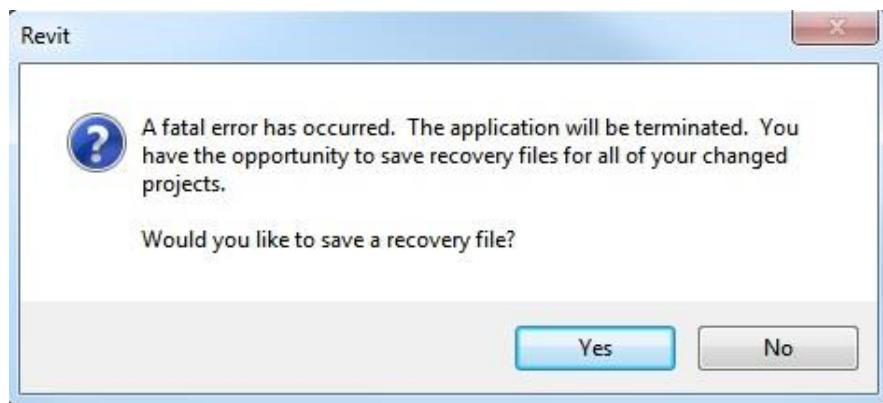
If you leave, close your session



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# #5 Workshare Well

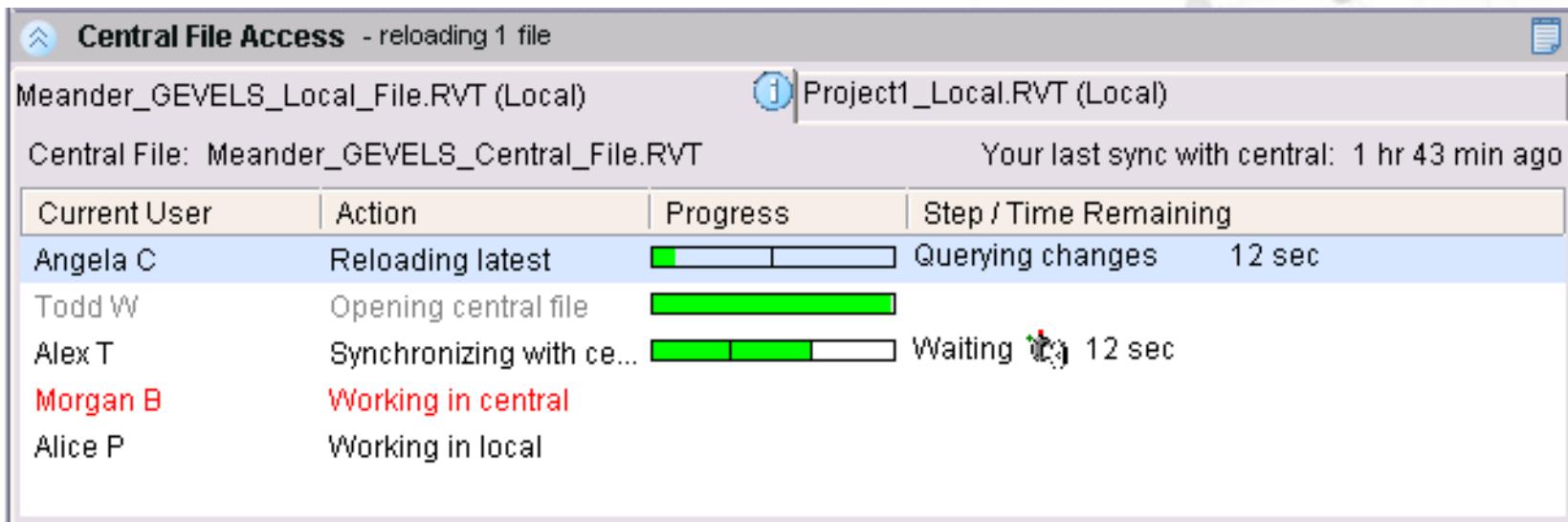
Synchronize once per hour  
Save locally often



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# #5 Workshare Well

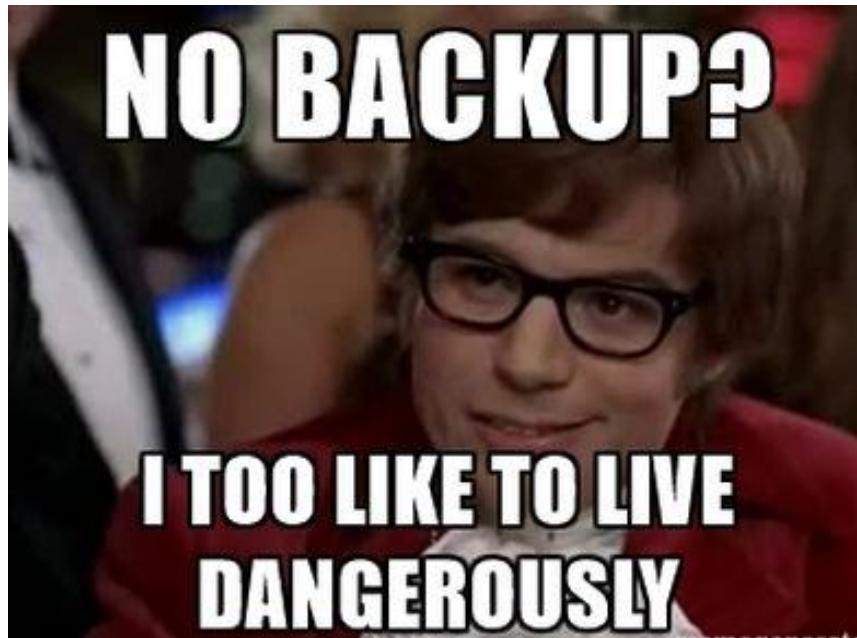
## Communicate



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# #5 Workshare Well

Replace locals daily  
Manually backup often



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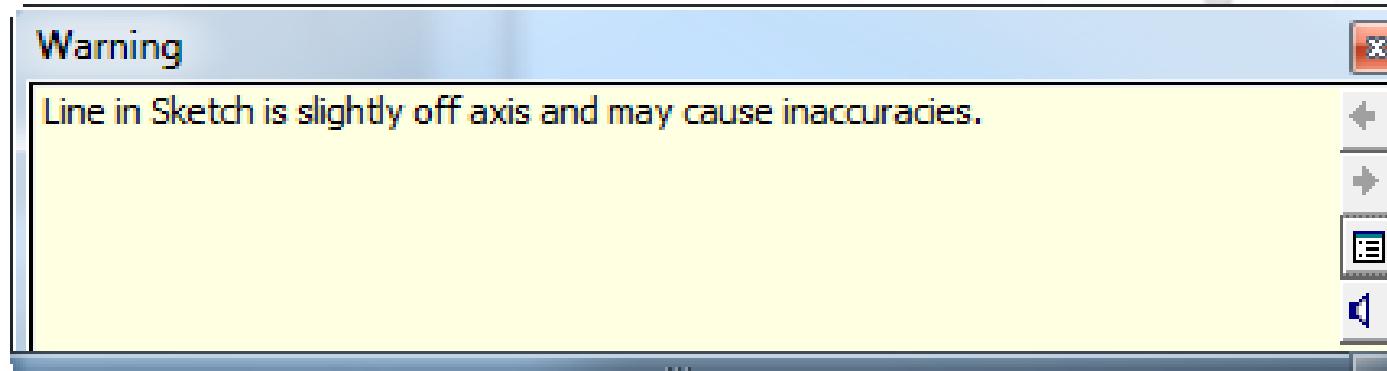
# Rule #6 Good Model Setout



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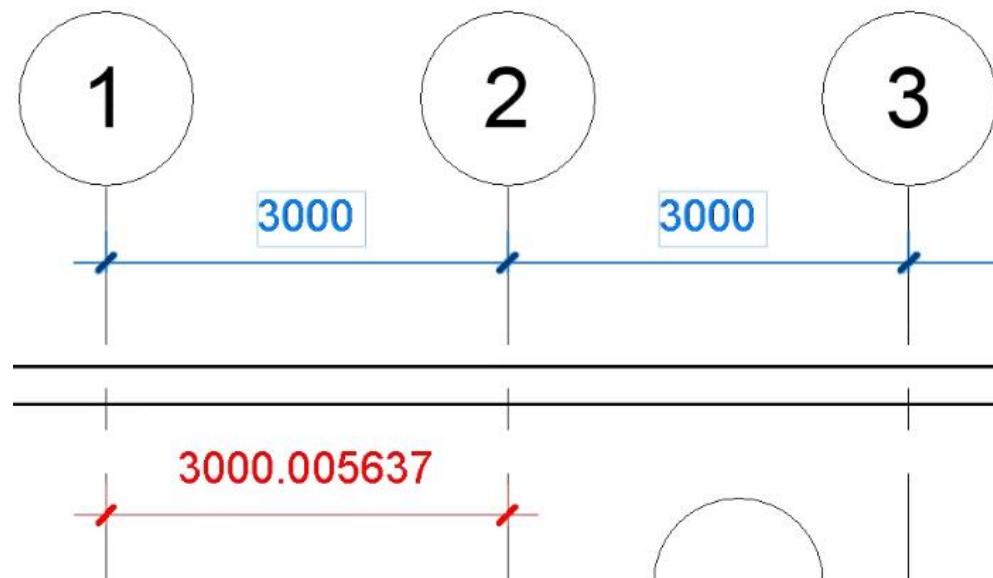
# #6 Good Model Setout

Draw accurately  
Avoid ‘pick lines’ for Linked files



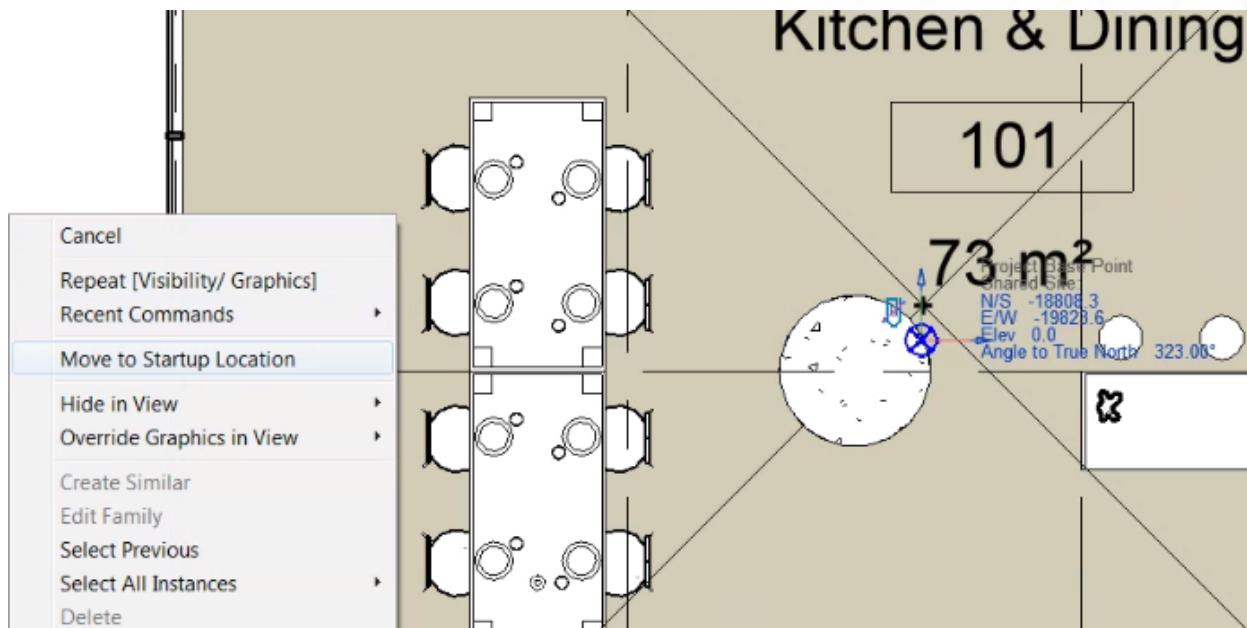
# #6 Good Model Setout

Be Precise  
Use accuracy check dimensions



# #6 Good Model Setout

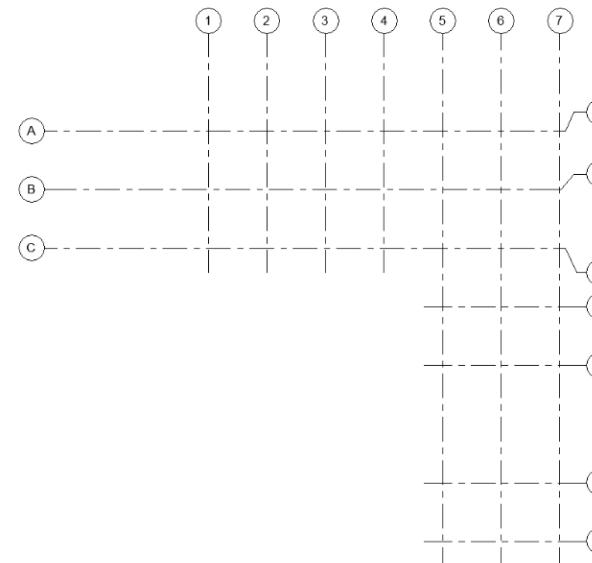
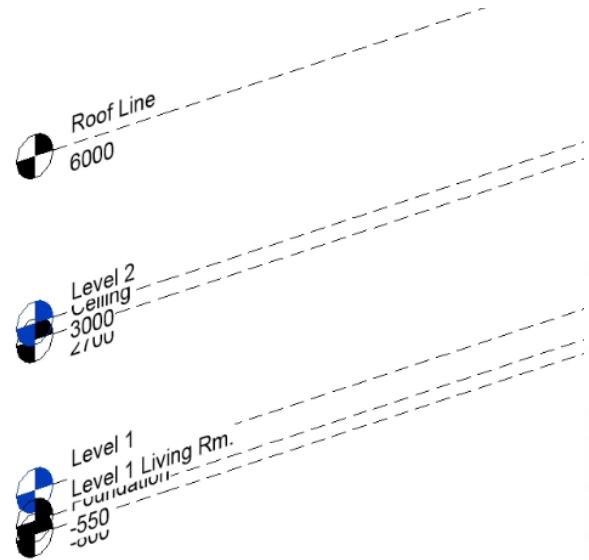
Mark and track the  
Internal Project Origin



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# #6 Good Model Setout

Levels, then grids, then  
Modelling can begin



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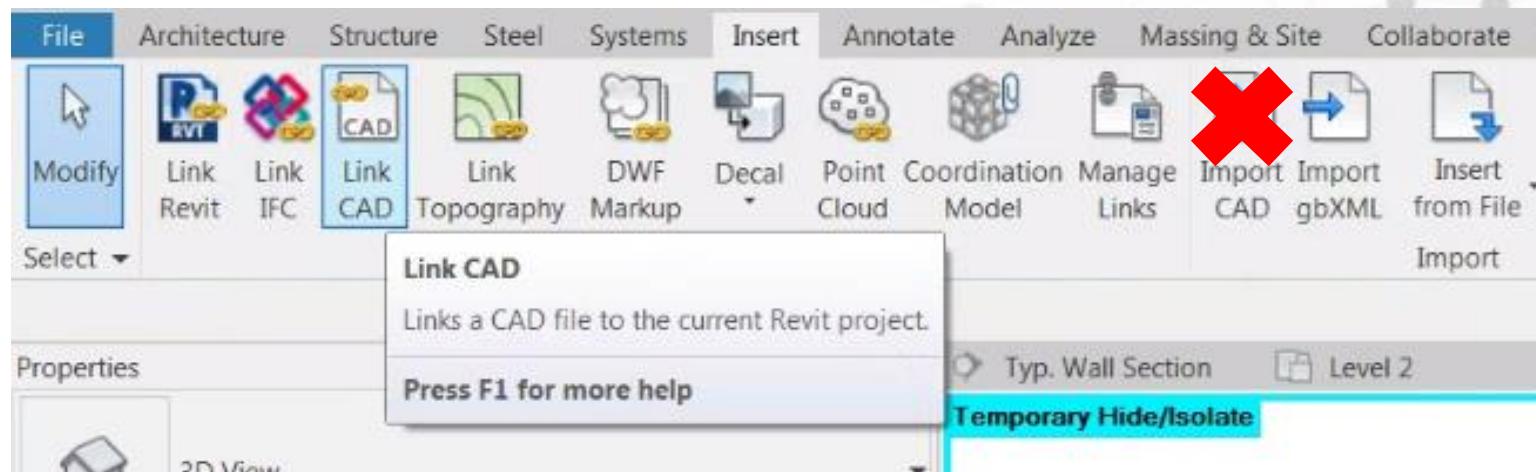
# Rule #7 Manage your DWG's



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# #7 Manage your DWG's

Link CAD files  
**DO NOT** Import!



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# #7 Manage your DWG's

Clean DWG files before linking



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# #7 Manage your DWG's

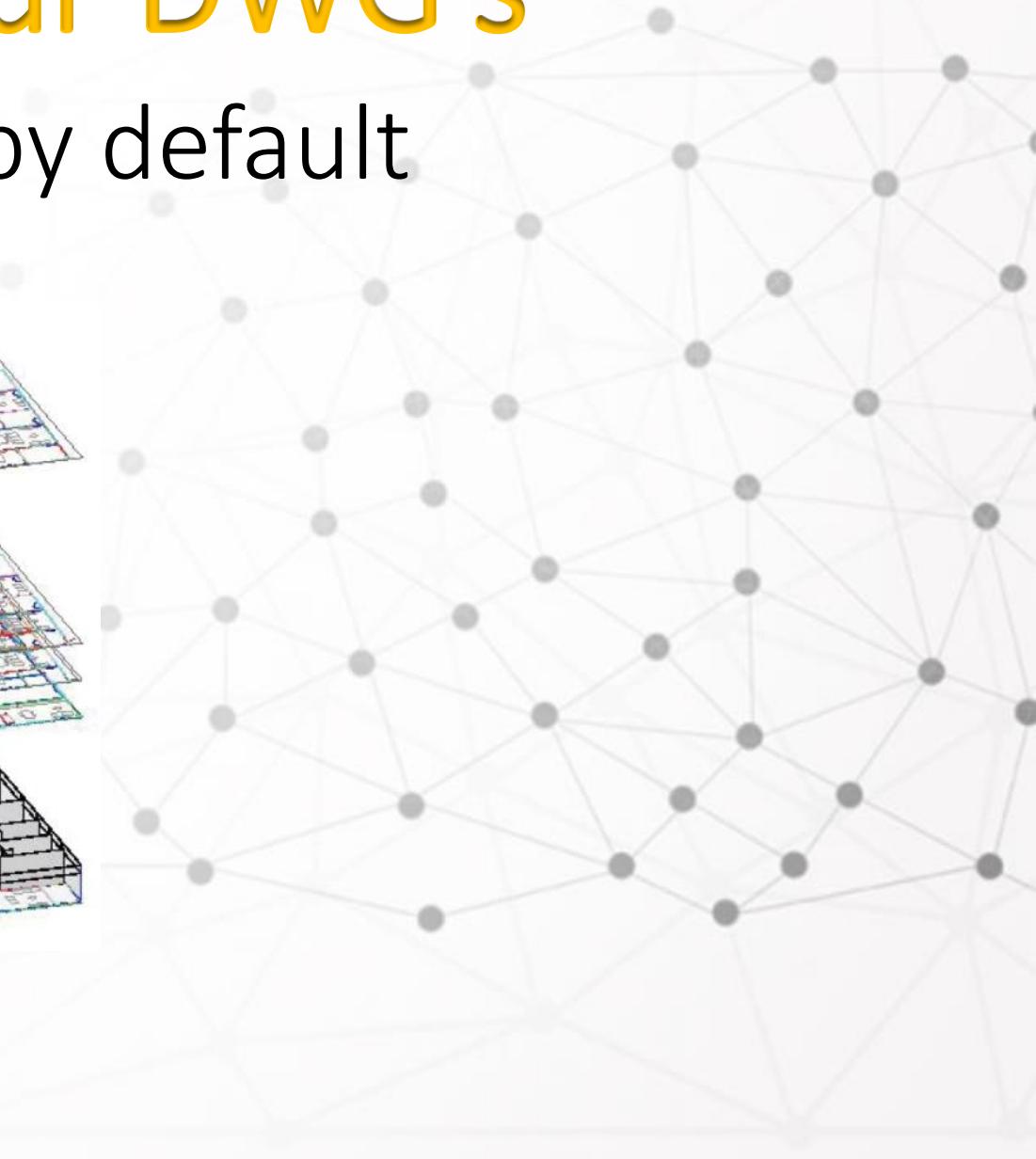
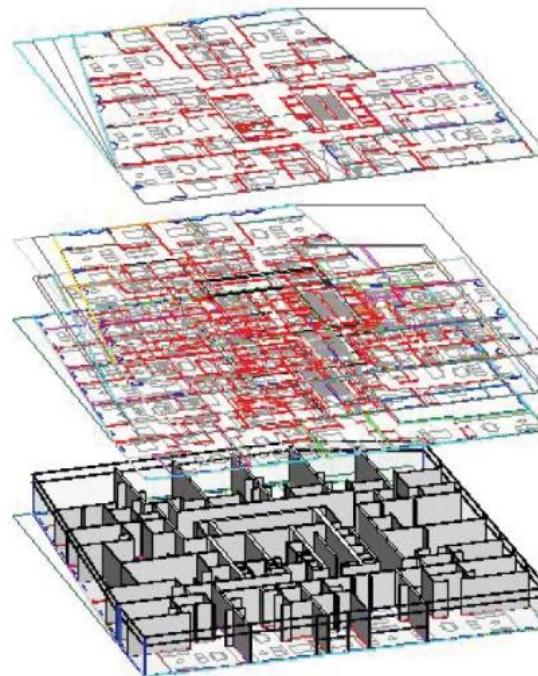
Use Worksets to control Links

80_2D CAD Links	No	Yes
80_2D_GA Plans	No	Yes
90_RVT-Facade	No	Yes
90_RVT-Master	No	Yes
90_RVT-Structure	No	Yes
WW_Hidden	No	Yes



# #7 Manage your DWG's

Links not visible by default



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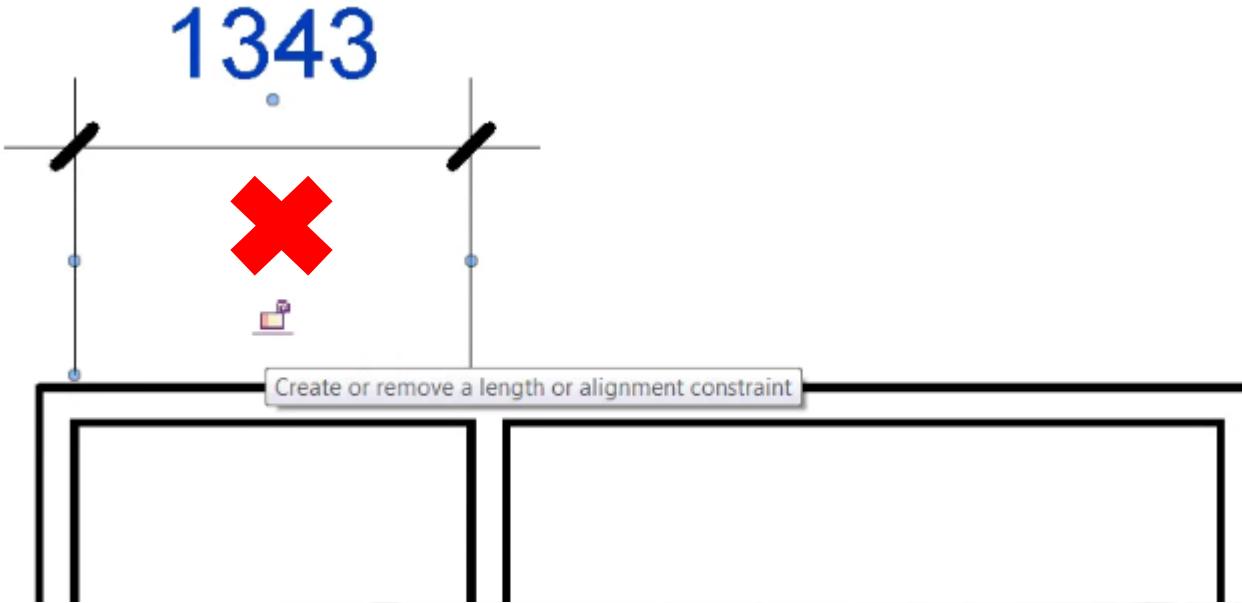
# Rule #8 Constrain with care



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# #8 Constrain with care

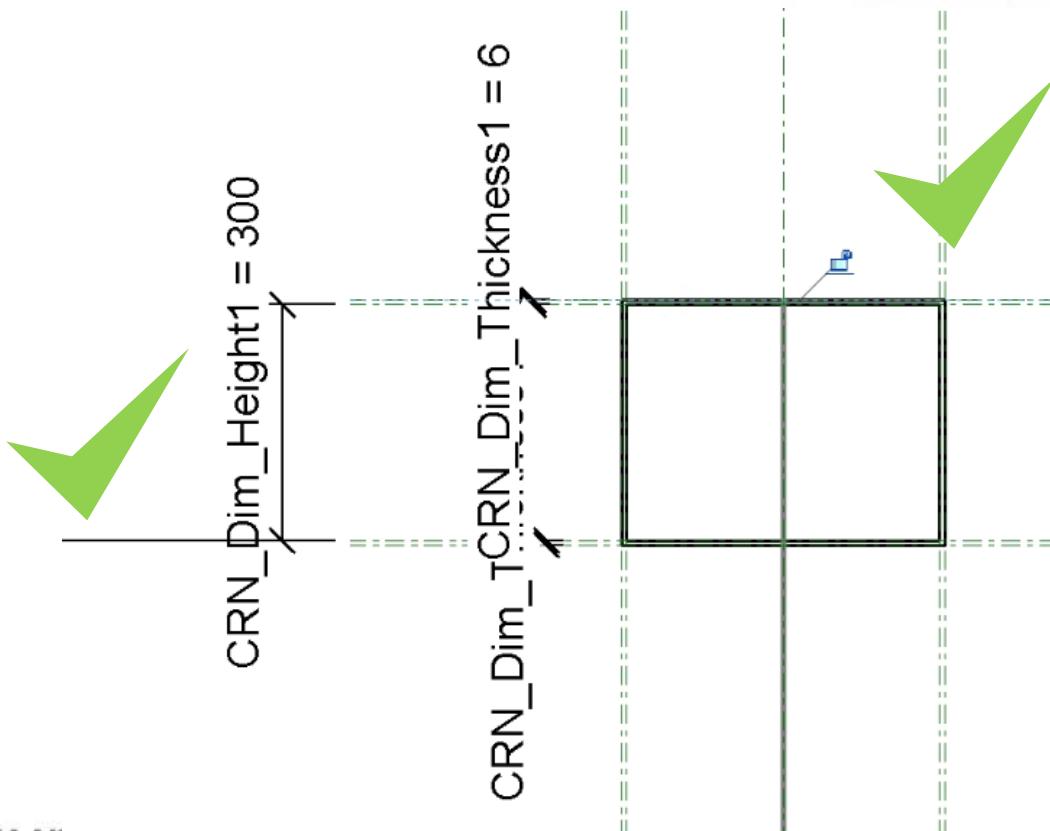
Avoid project constraints (even EQ)



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# #8 Constrain with care

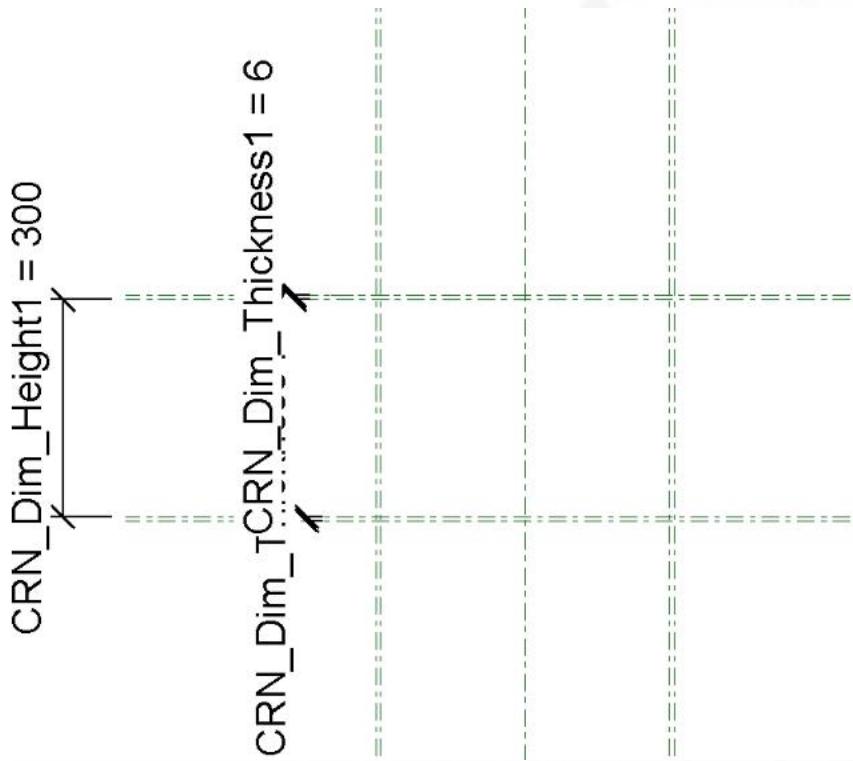
Use them in families though



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# #8 Constrain with care

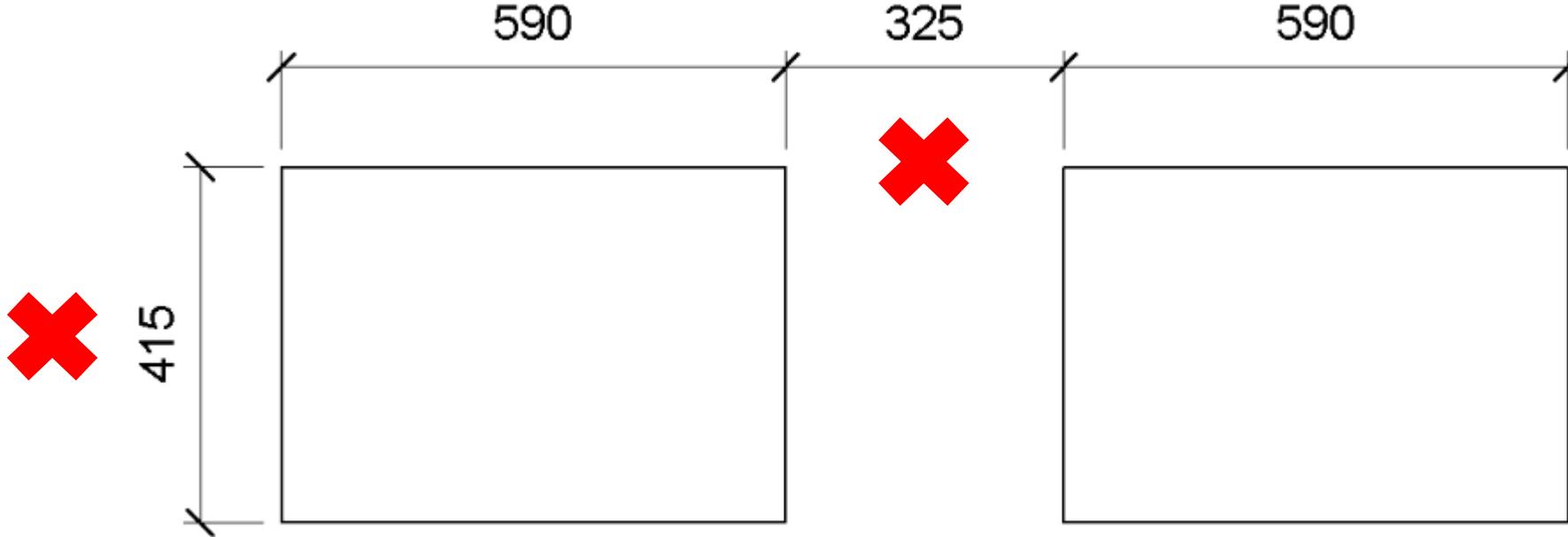
Constrain to reference planes/lines



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# #8 Constrain with care

Don't constrain to **geometry**



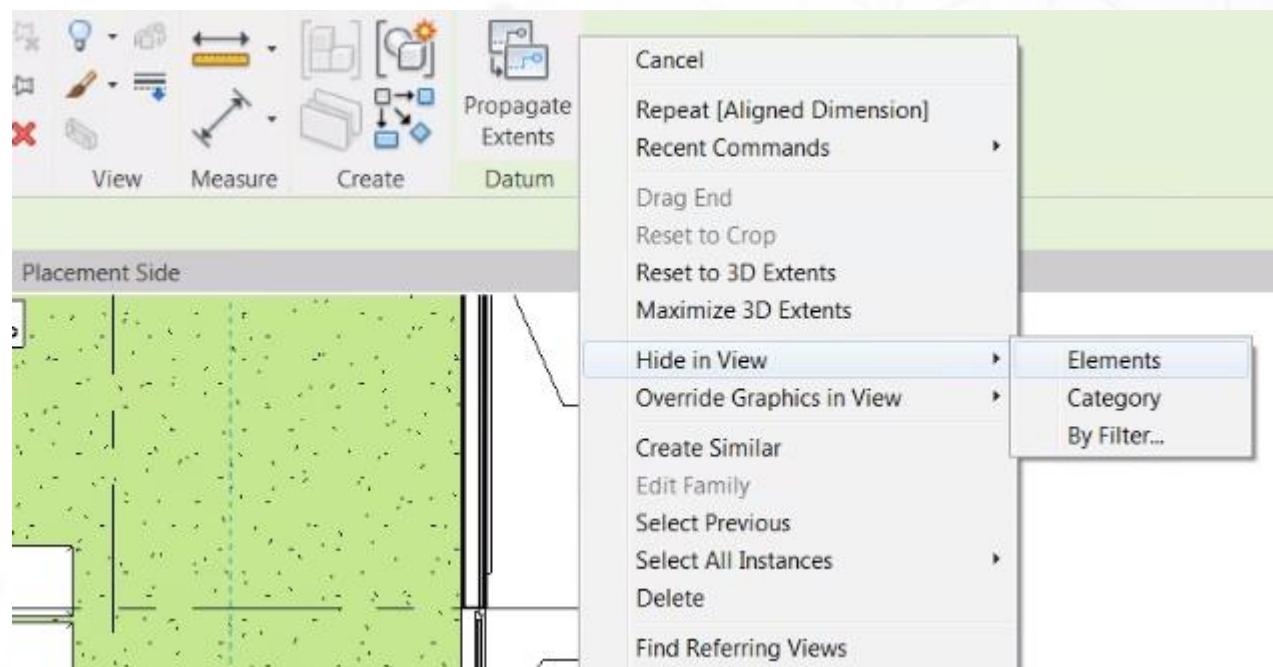
# Rule #9 Avoid ‘Hiding’ things



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# #9 Avoiding 'Hiding' things

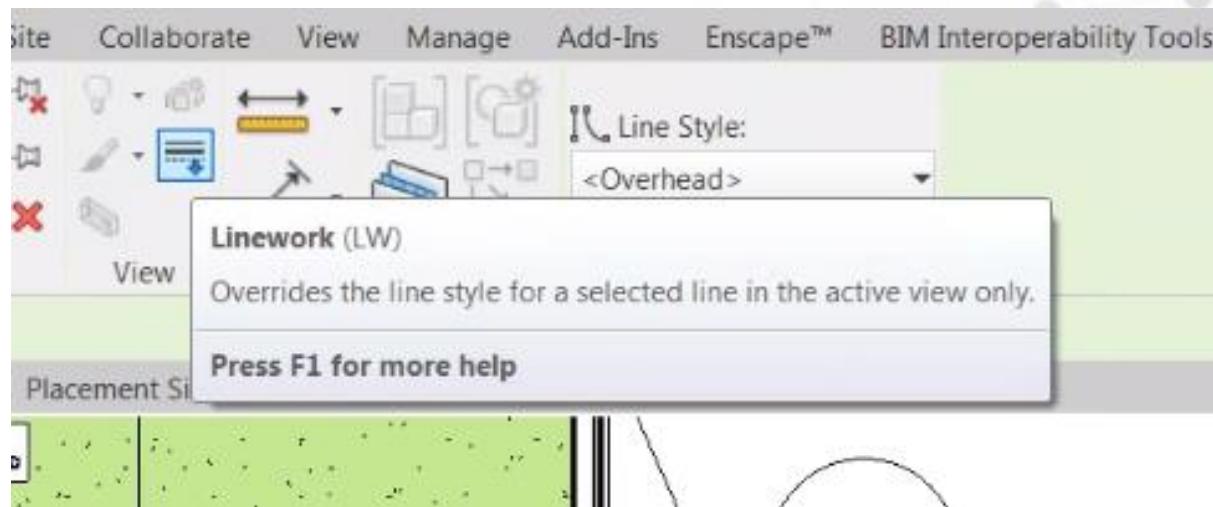
Use Hide in view only if necessary



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# #9 Avoiding 'Hiding' things

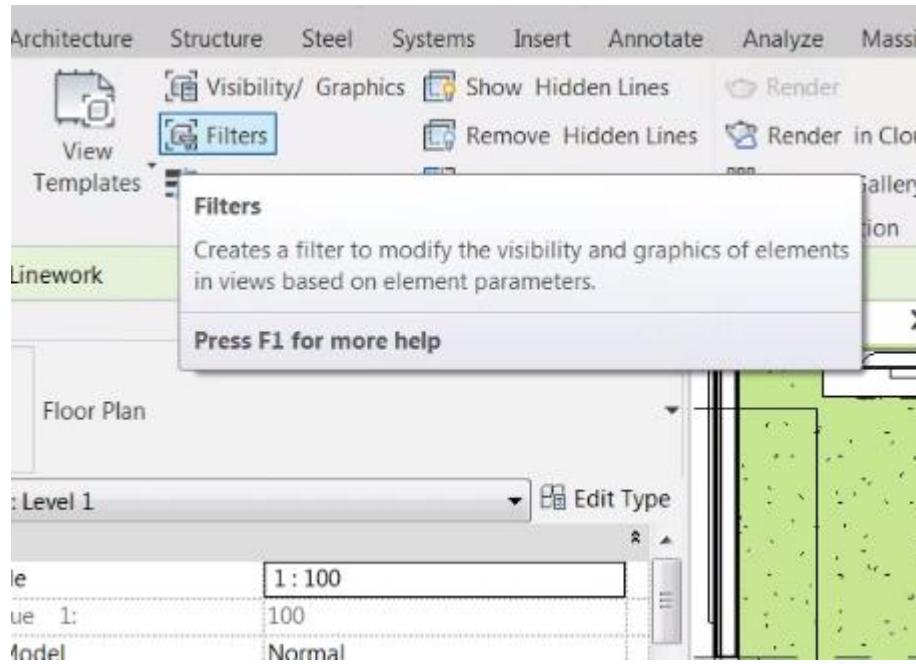
Don't use the Linework tool



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# #9 Avoiding 'Hiding' things

## Use View Filters often



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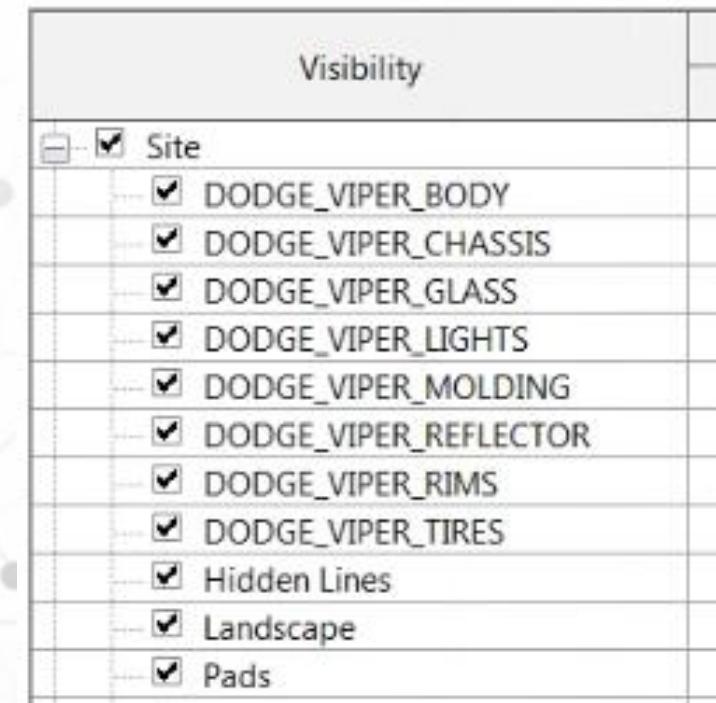
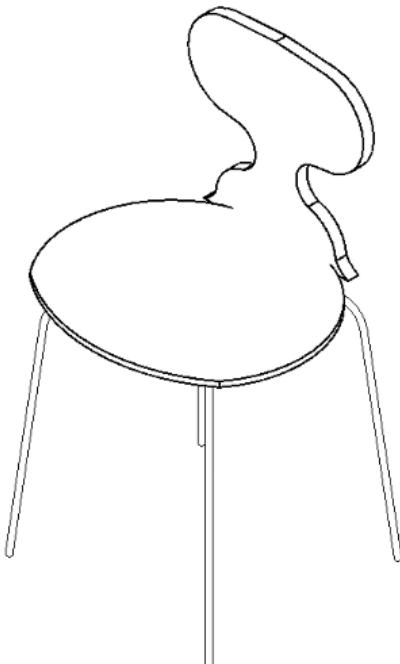
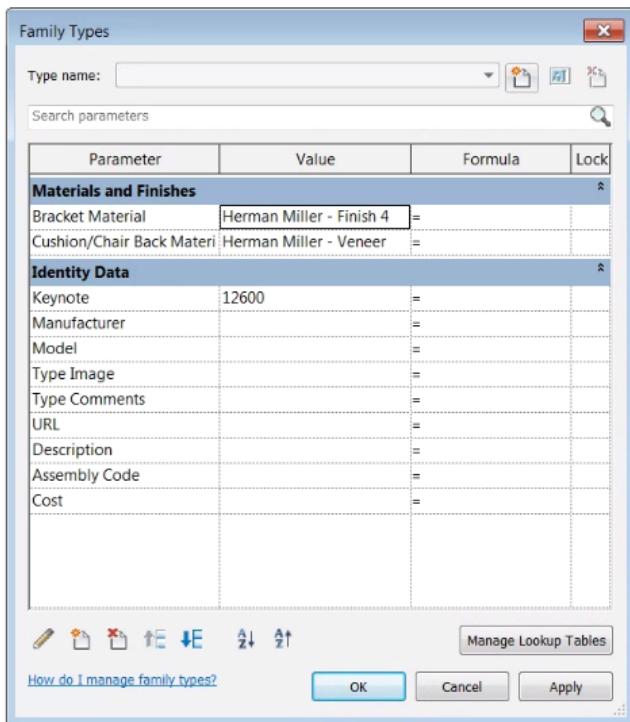
# Rule #10 Build Families



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# #10 Build Families

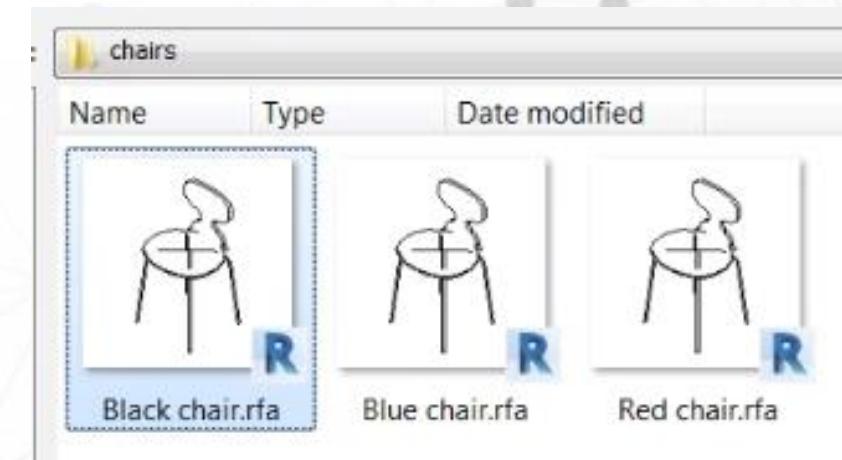
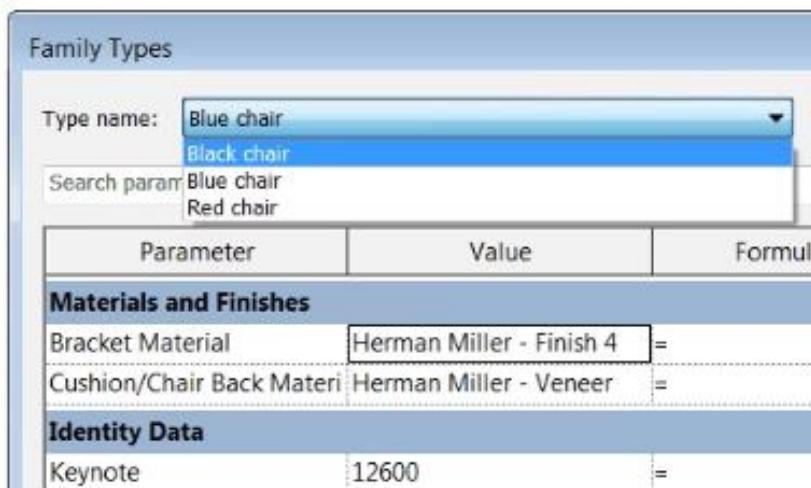
Don't just use OOTB content



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# #10 Build Families

Use Types and Parametrics  
Avoid copying families multiple times



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# #10 Build Families

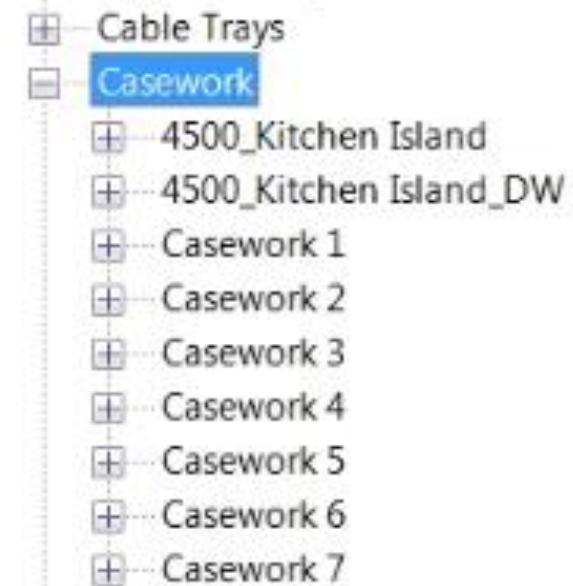
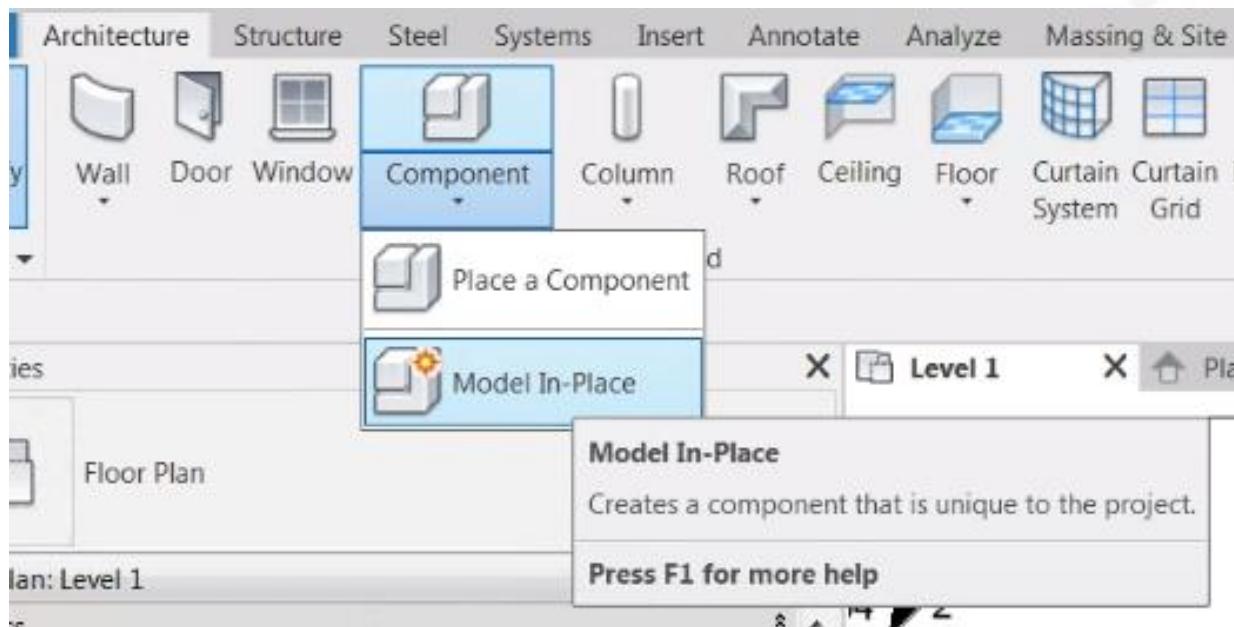
Avoid hosted family templates

- ✓ Metric Generic Model Adaptive.rft
- ✓ Metric Generic Model ceiling based.rft
- ✓ Metric Generic Model face based.rft
- ✓ Metric Generic Model floor based.rft
- ✓ Metric Generic Model line based.rft
- ✓ Metric Generic Model Pattern Based.rft
- ✓ Metric Generic Model roof based.rft
- ✓ Metric Generic Model two level based.rft
- ✓ Metric Generic Model wall based.rft
- ✓ Metric Generic Model.rft



# #10 Build Families

## Avoid Model In-place



# Recap

#1: Adapt

#2: Systemize

#3: Modelling > Drawing

#4: Manage your Views

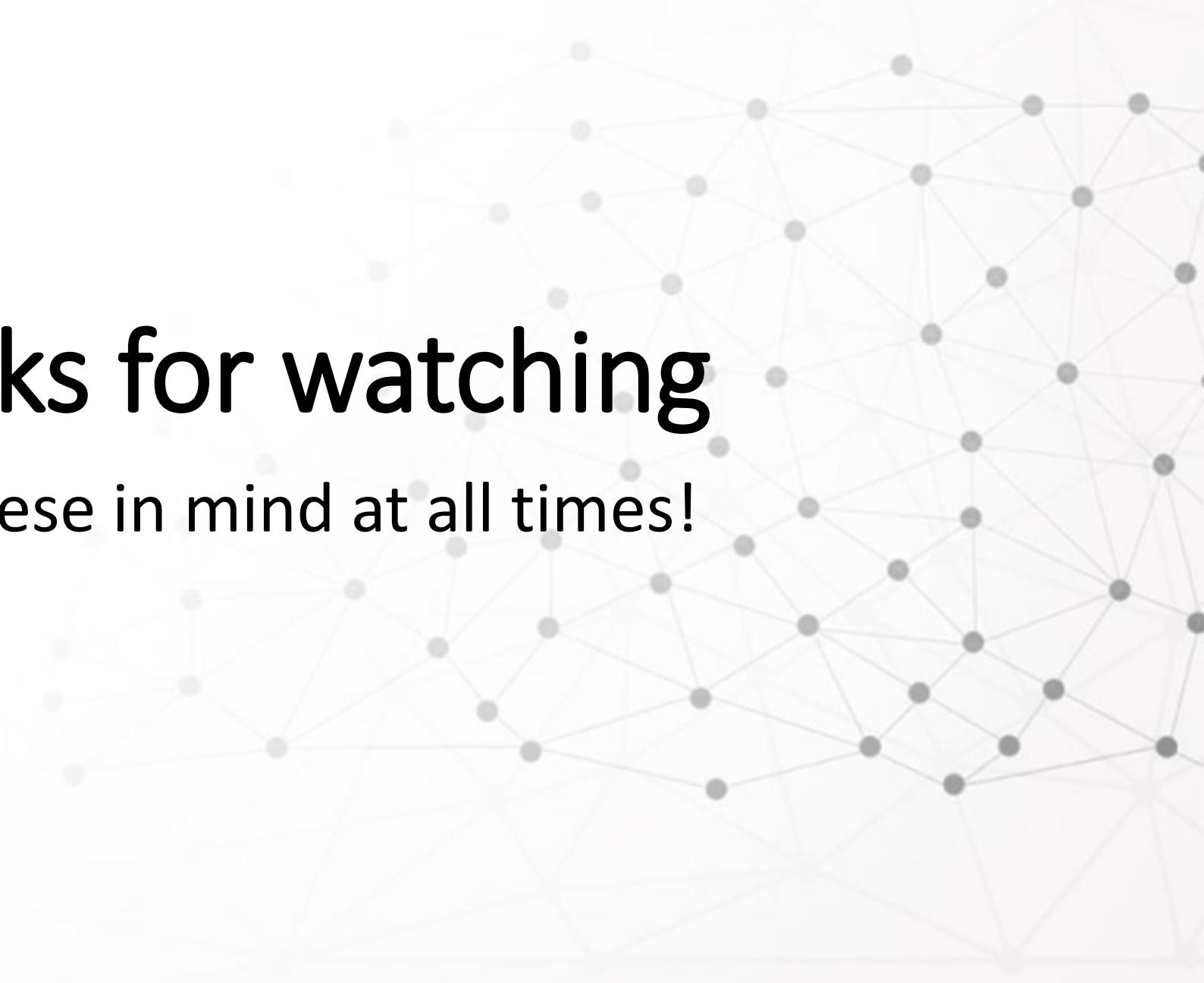
#5: Workshare well



# Recap

- #6: Good model Setout
- #7: Manage your DWG's
- #8: Constrain with Care
- #9: Avoid Hiding Things
- #10: Build Families





# Thanks for watching

Keep these in mind at all times!



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