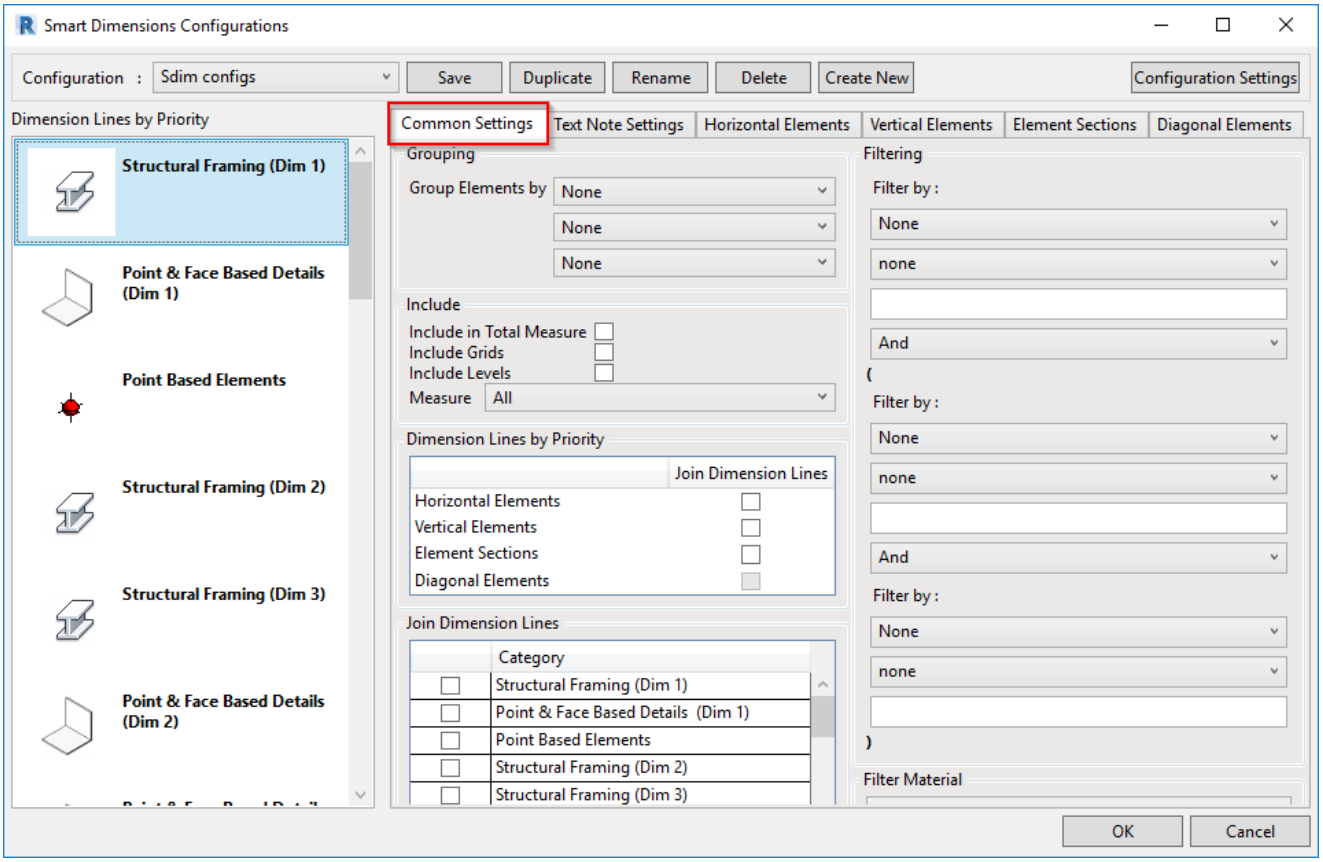
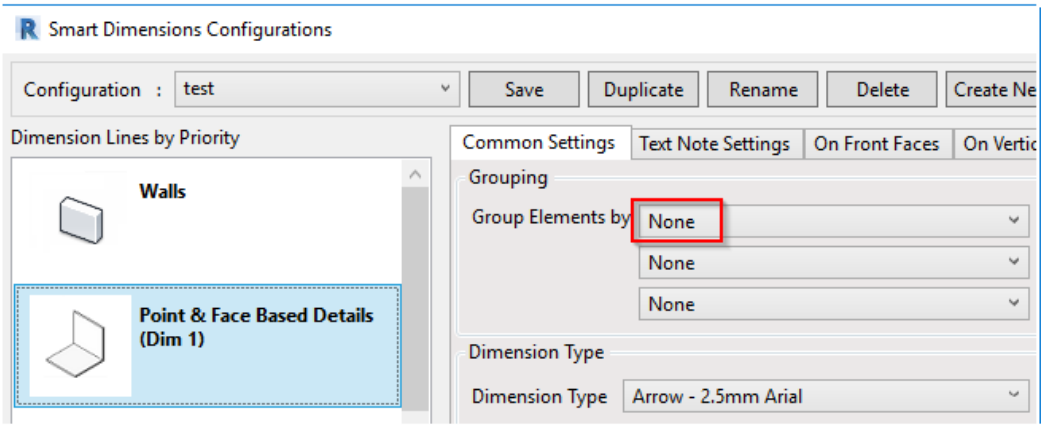
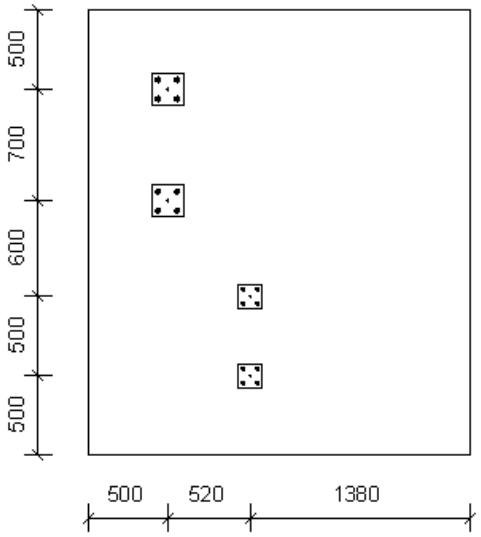
Smart Dimensions - Configs - Common Settings

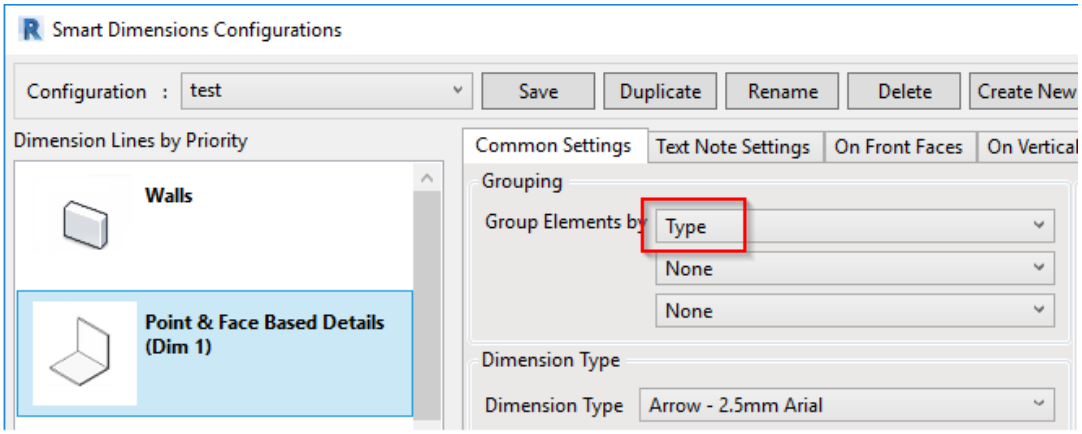
Modified on: Fri, 12 Jun, 2020 at 10:51 AM

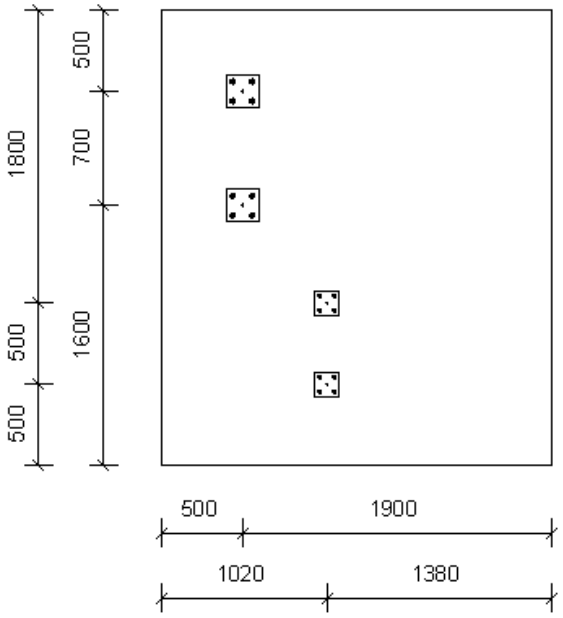


Grouping - dimension lines may be grouped by selected parameter

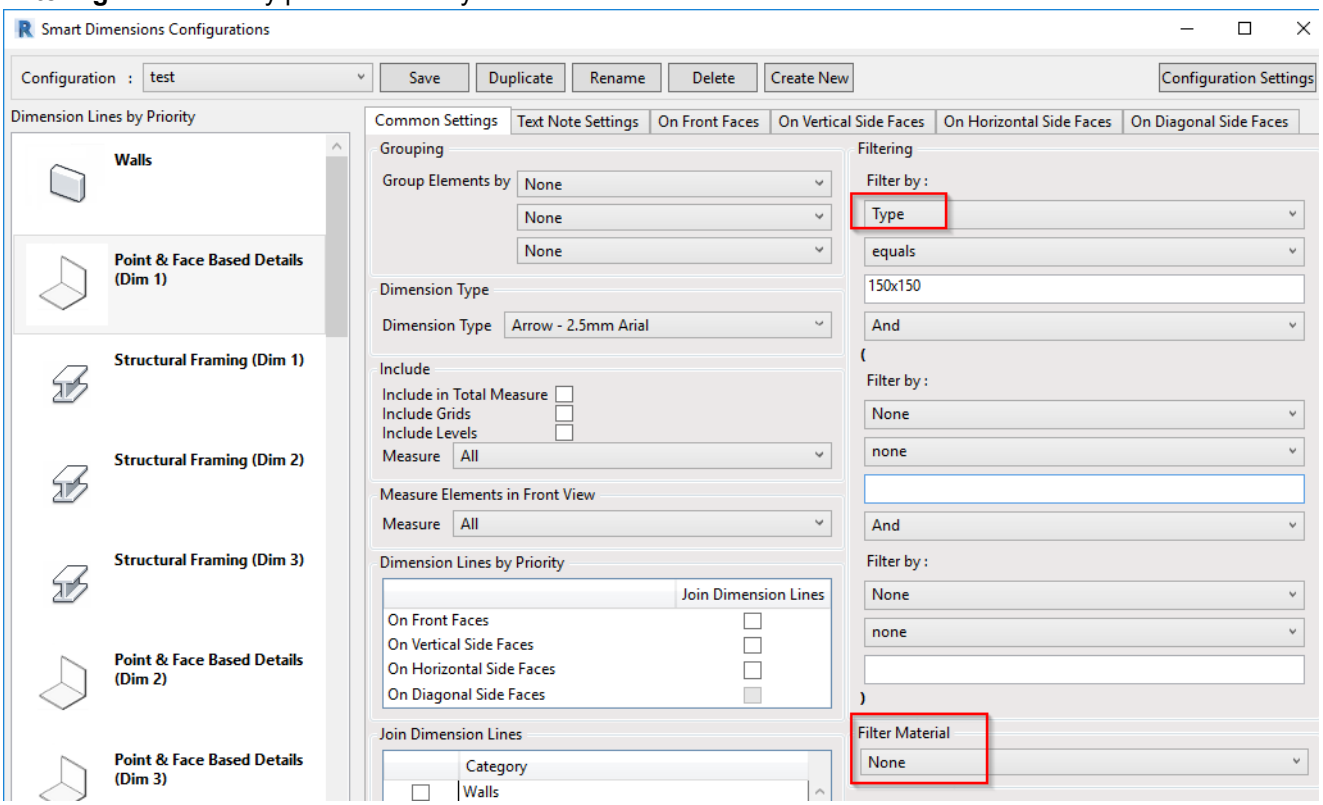

Smart Dimensions Configurations
Configuration : test
Save
Duplicate
Rename
Delete
Create Ne
Dimension Lines by Priority
Walls
Point & Face Based Details (Dim 1)
Common Settings
Text Note Settings
On Front Faces
On Vertic
Grouping
Group Elements by
None
None
None
Dimension Type
Dimension Type
Arrow - 2.5mm Arial


500
700
600
500
500
500
520
1380

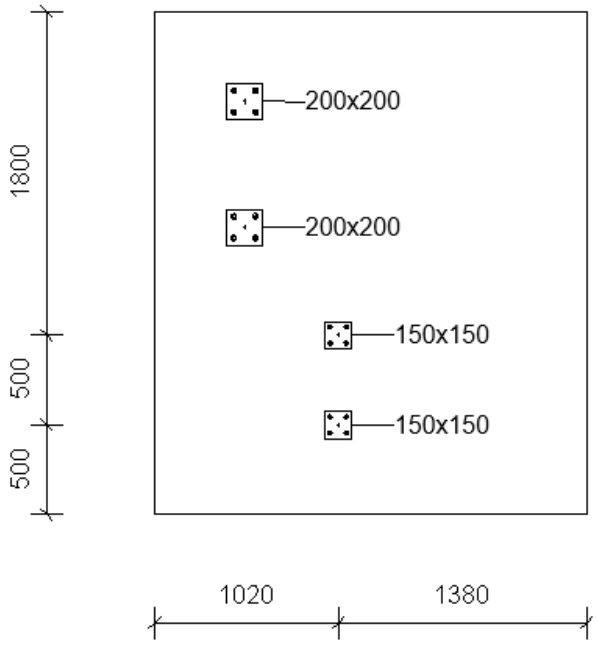

Smart Dimensions Configurations
Configuration : test
Save
Duplicate
Rename
Delete
Create New
Dimension Lines by Priority
Walls
Point & Face Based Details (Dim 1)
Common Settings
Text Note Settings
On Front Faces
On Vertical
Grouping
Group Elements by
Type
None
None
Dimension Type
Dimension Type
Arrow - 2.5mm Arial


1800
500
700
500
1600
500
500
1900
1020
1380

Filtering - use Filter by parameter or by Material



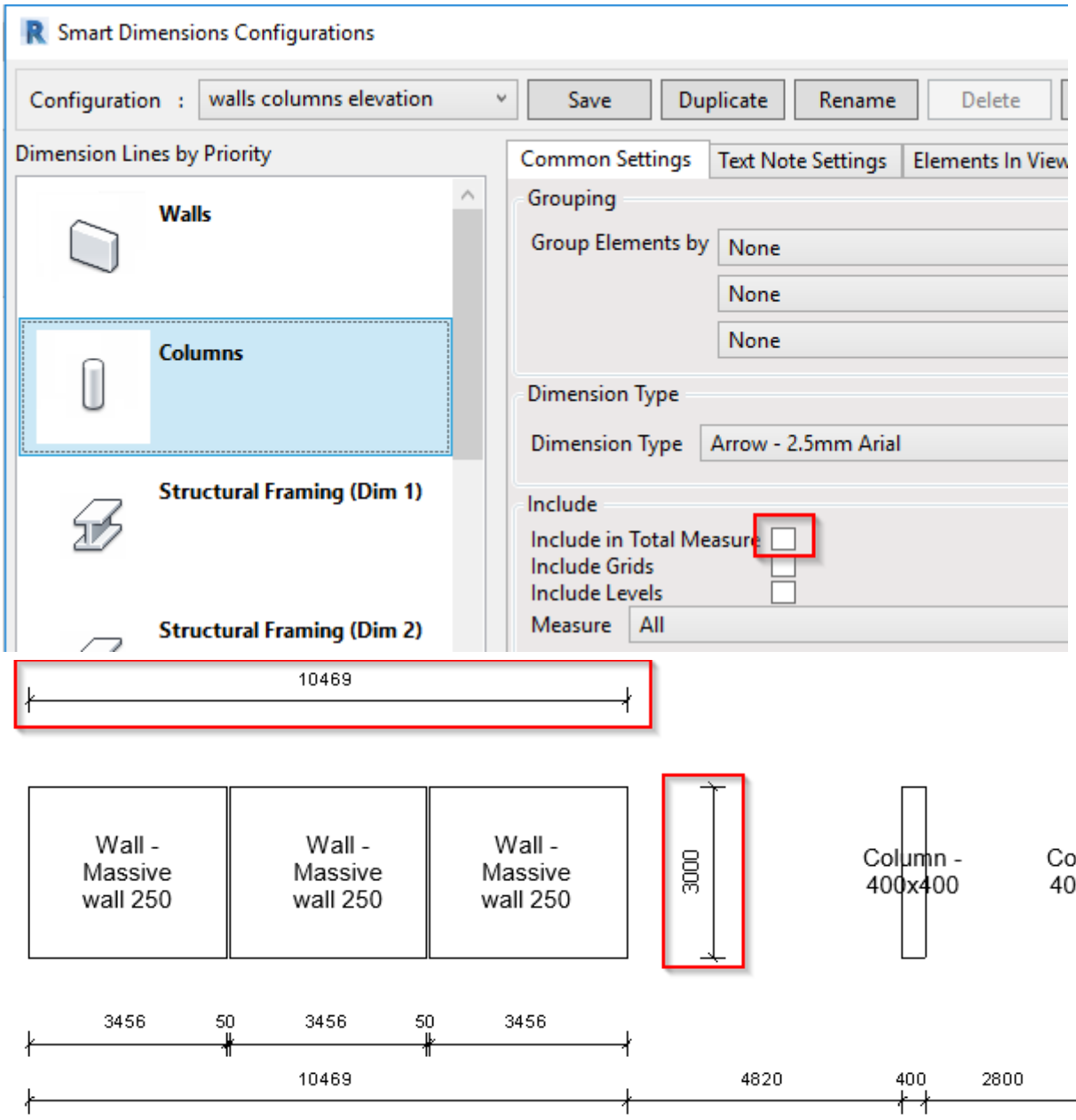
Only one Type of elements is dimensioned by using 'Filter by':



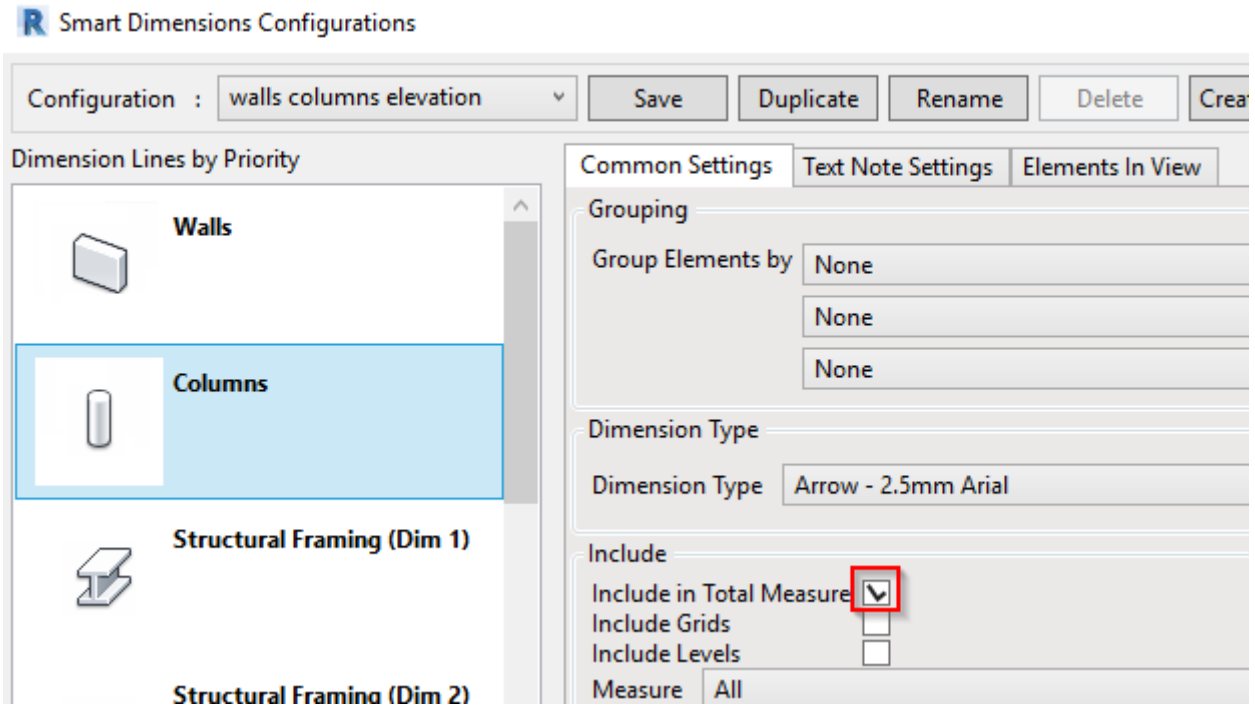
Include

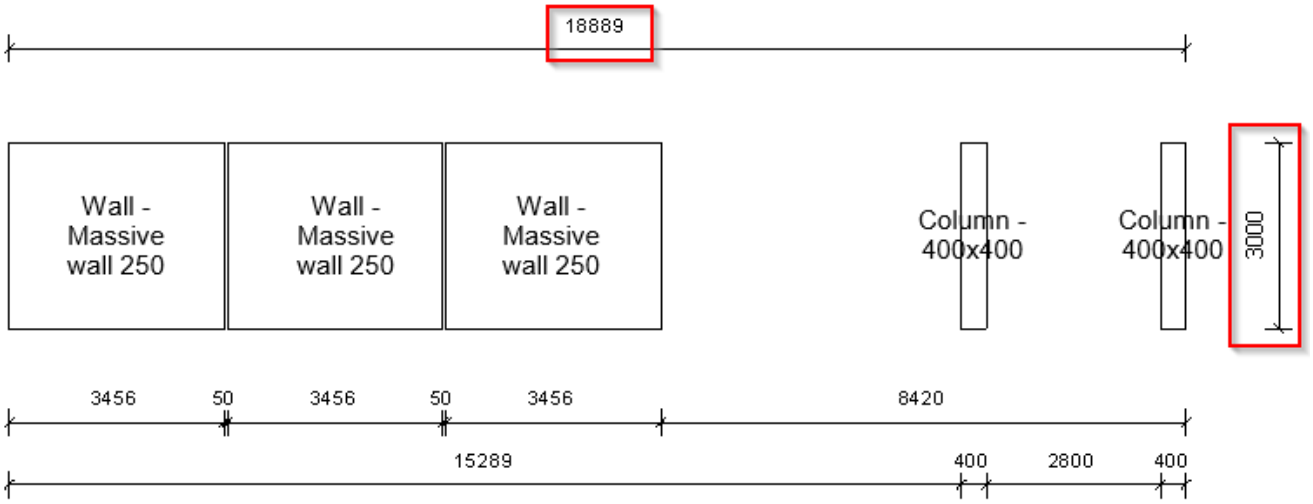
***Include in Total Measure* -** if ticked ON, this category will be included in Total measure. Also tool will measure from this category to other elements.

Example of measuring Columns and Walls in the View. Total Measure box is not checked:

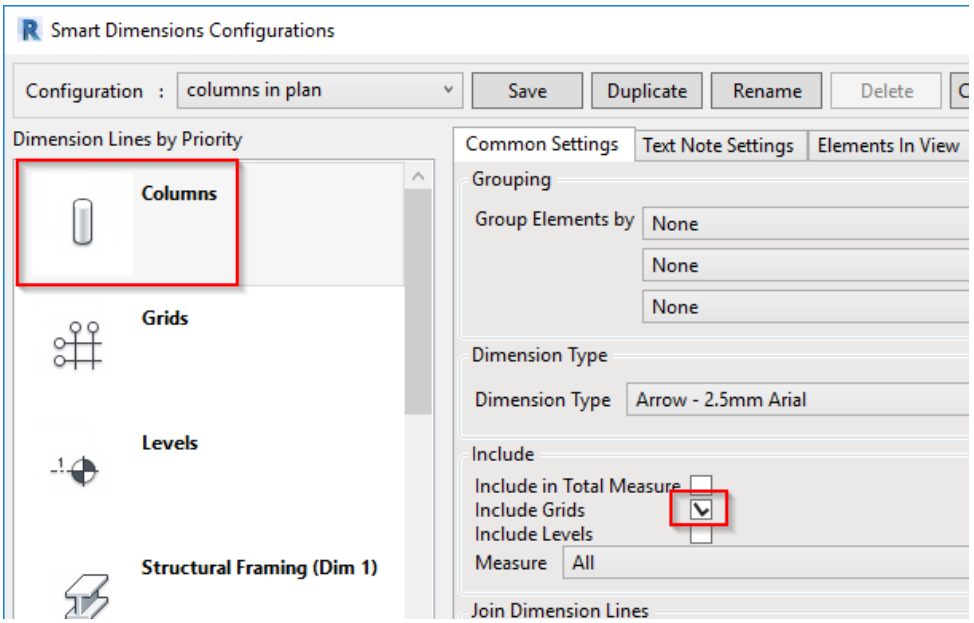


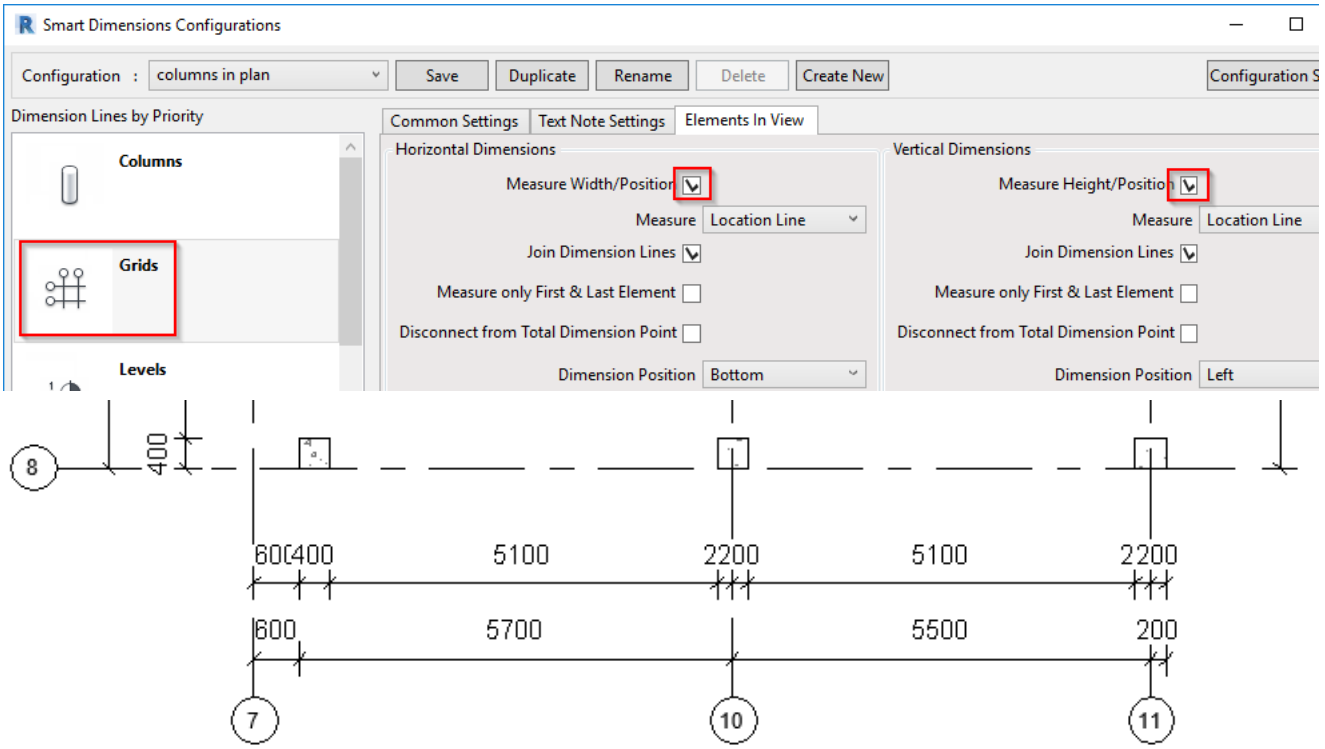
But if 'Total Measure' is ticked for Column and Wall, then Total measure will extend over both of these Categories.





Include Grids - will measure from elements of this Category to the Grids, but Grids should be selected to be measured as well





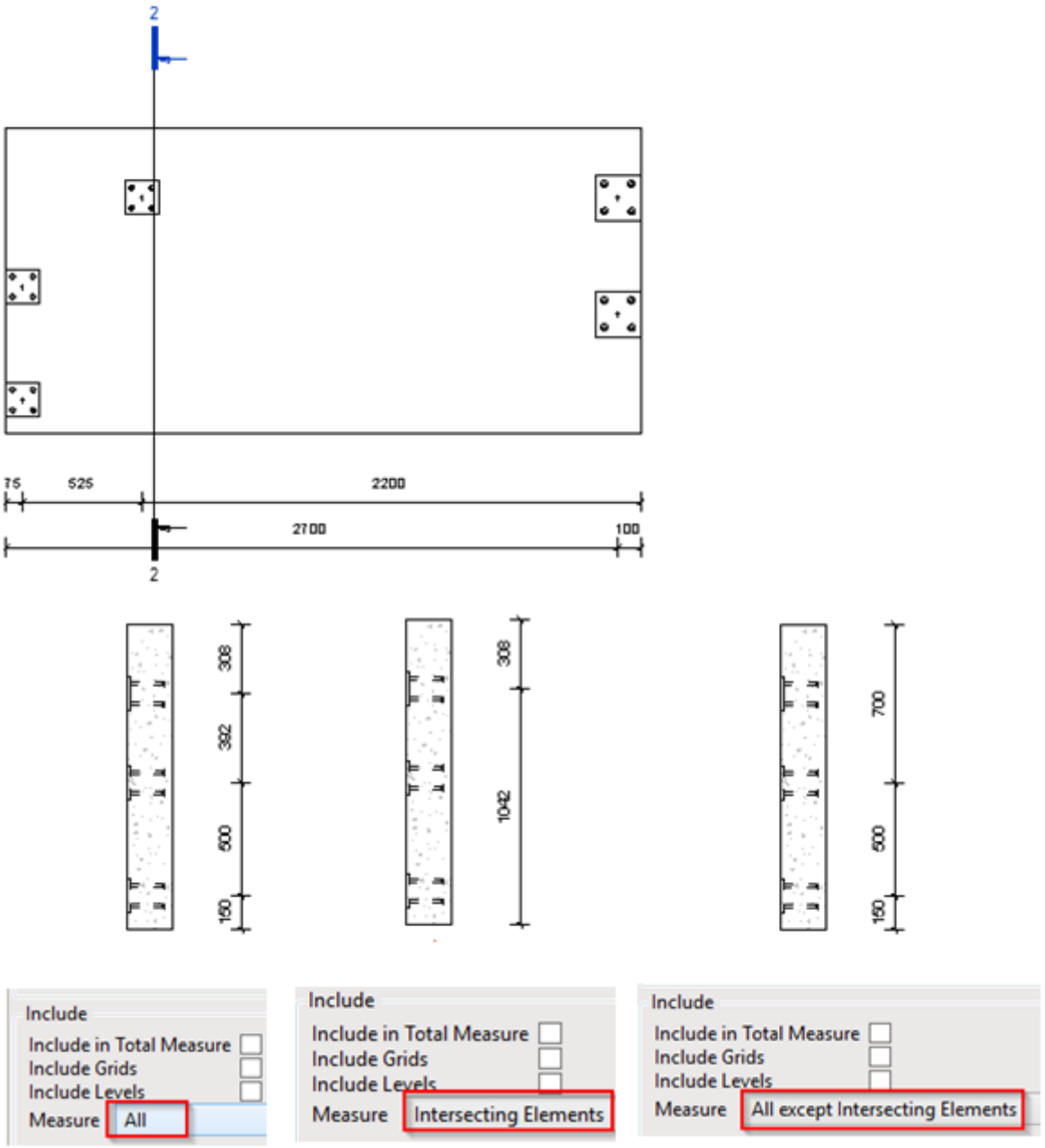
***Incl*ude Levels** - will measure from elements of this Category to the Levels, but Levels should be selected to be measured as well

Measure

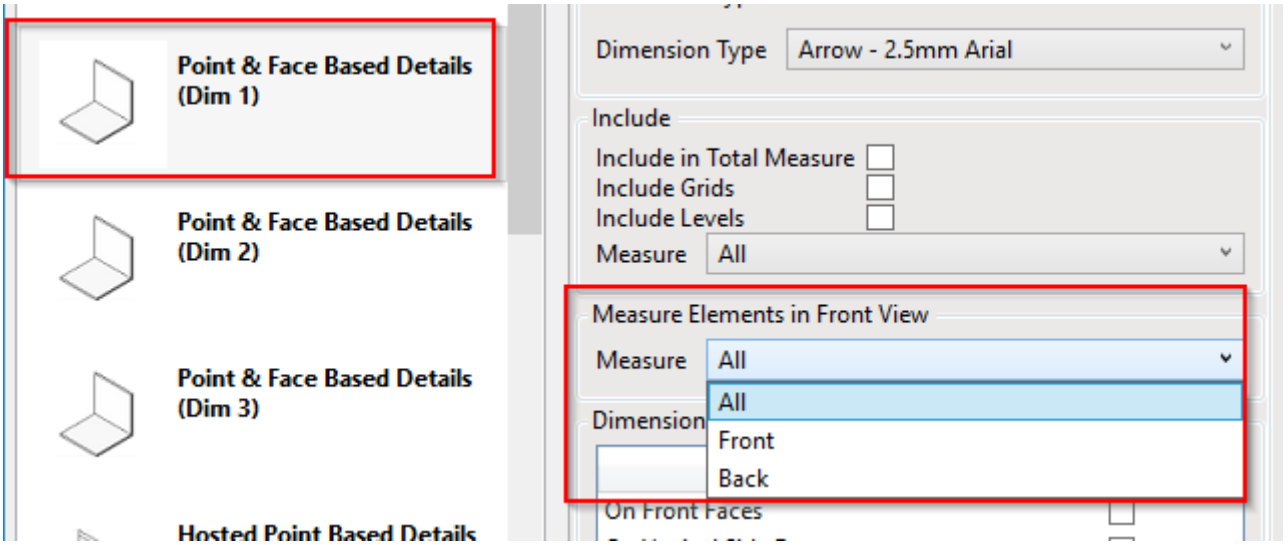
All - measures all elements

Intersecting elements - measures only elements intersected by view plane.

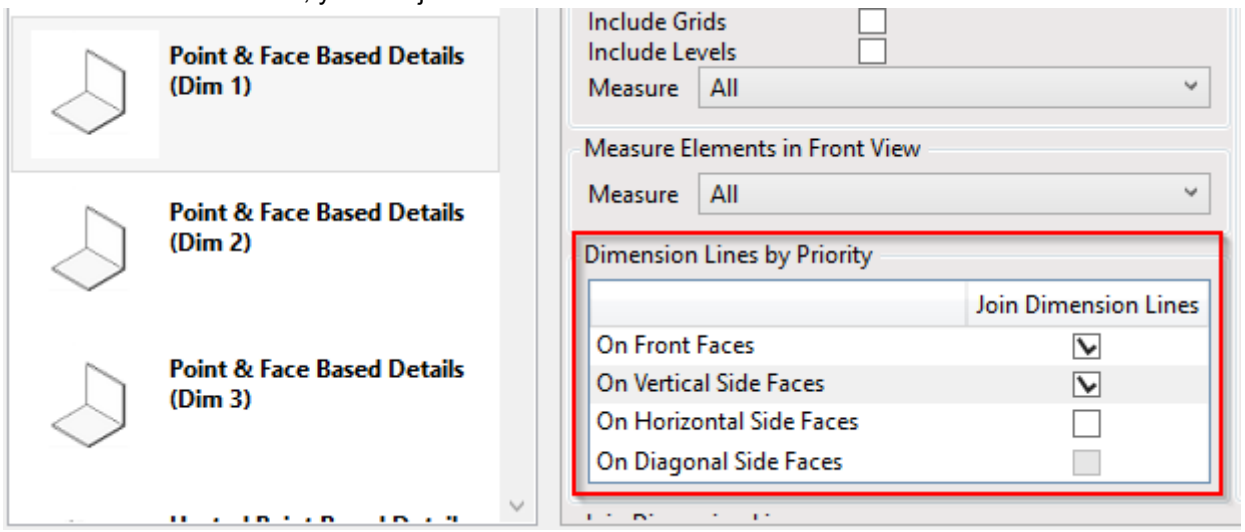
All except intersecting elements - measures only elements not intersected by view plane.



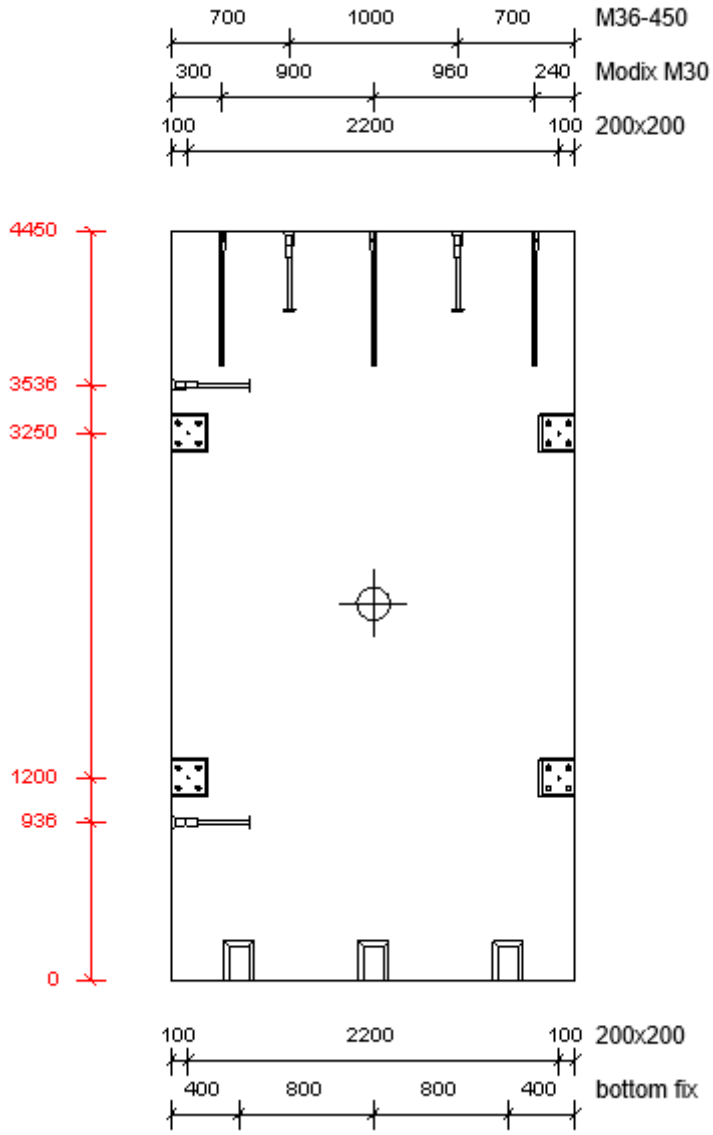
Measure Elements in Front View - available for Point & Face Based Details. Allows to measure All visible Face Based Details or only those who are on Front or Back face in that View.



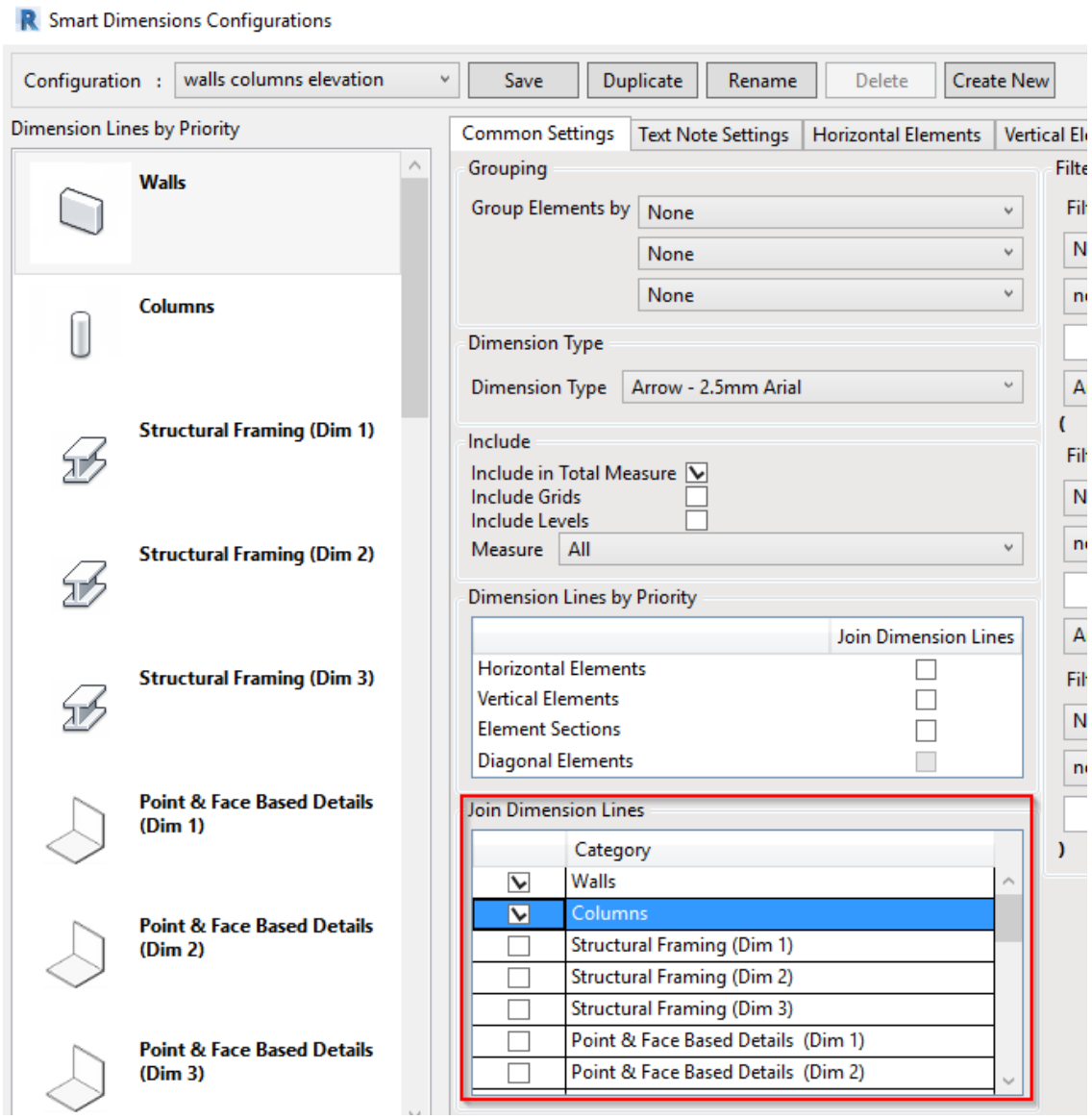
Dimension Lines by Priority - drag & drop selected item to change which dimension should be closer to the measured elements. Also, you can join dimension lines of selected items.



Example of joined vertical dimensions for Front and Vertical Side hosted families:



Join Dimension Lines - it will join dimension lines for selected categories


Smart Dimensions Configurations
Configuration : walls columns elevation
Save
Duplicate
Rename
Delete
Create New
Dimension Lines by Priority
Walls
Columns
Structural Framing (Dim 1)
Structural Framing (Dim 2)
Structural Framing (Dim 3)
Point & Face Based Details (Dim 1)
Point & Face Based Details (Dim 2)
Point & Face Based Details (Dim 3)
Common Settings
Text Note Settings
Horizontal Elements
Grouping
Group Elements by
None
None
None
Dimension Type
Dimension Type
Arrow - 2.5mm Arial
Include
Include in Total Measure
Include Grids
Include Levels
Measure
All
Dimension Lines by Priority
Join Dimension Lines
Horizontal Elements
Vertical Elements
Element Sections
Diagonal Elements
Join Dimension Lines
Category
Walls
Columns
Structural Framing (Dim 1)
Structural Framing (Dim 2)
Structural Framing (Dim 3)
Point & Face Based Details (Dim 1)
Point & Face Based Details (Dim 2)