Dimensioning Rules - Introduction

Modified on: Fri, 30 Apr, 2021 at 2:43 PM

You can set up different dimensioning rules for each view. In the Shop Drawing Configurations window select **Edit Dimensioning Rules**:
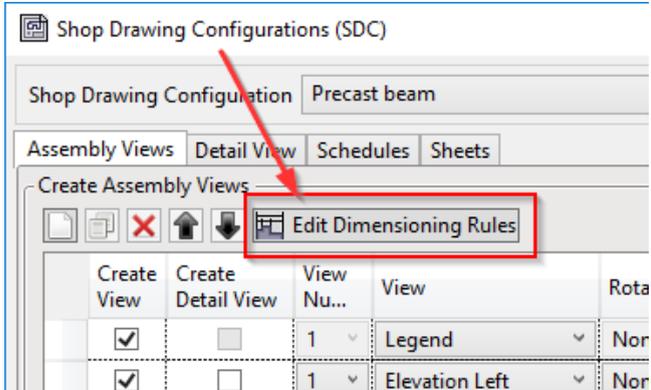
In the Dimensioning Rules window, you can create rules for how to automatically dimension cuts, holes, walls, beams, point based details, windows, etc., where to place dimensions, and what kind of information to provide:
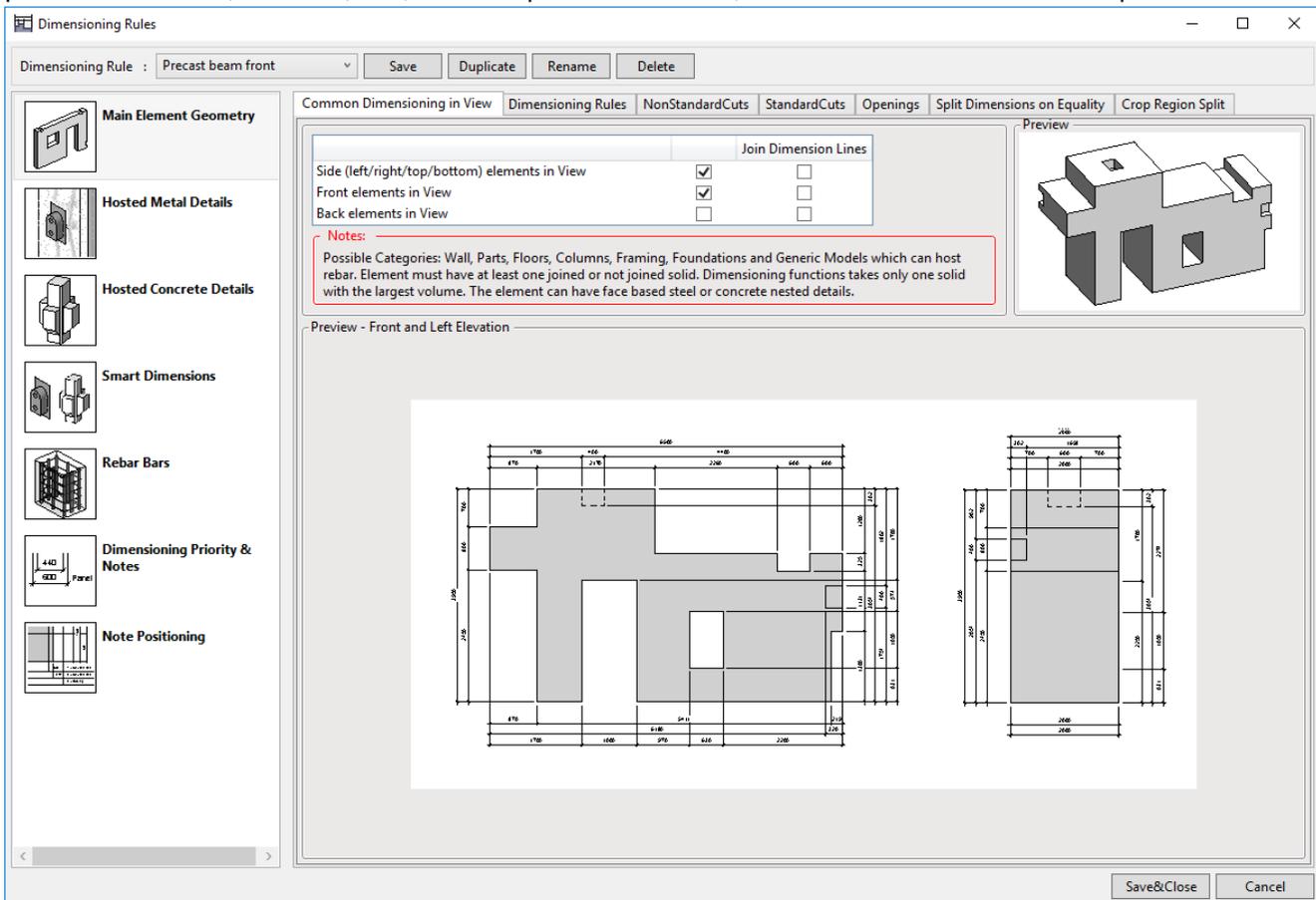
It's recommended to use Main Element Geometry tab to dimension cuts and openings and use Smart Dimensions for everything else. Read more about Smart Dimensions.
(https://helpdesk.agacad.com/support/solutions/folders/44001221562)

Main Element Geometry - define settings for how to dimension cuts and holes in selected View and some other settings.

Hosted Metal Details - define how to dimension families with Steel Material for Model Behavior in the view.

Hosted Concrete Details - define how to dimension families with Concrete Material for Model Behavior in the view.

Smart Dimensions - configuration of Smart Dimensions tool.

Rebar Bars - define how to dimension rebar in the view.

Dimensioning Priority & Notes - define positioning priority for dimensions with respect to the Host element, and define what kind of notes should be provided.

Note Positioning - define where to place notes for dimension lines.

After **Dimensioning Rules** have been created, you can apply them to different Views.

Create View	Create Detail View	View Nu...	View	Rotate	View Type	View Name[tst]	View Template	Dimensioning Rule	Tag E
☑	☐	1	3D Ortho	None	-- No Template --	3D Ortho	3D_M50_VB_transp	-- None --	
☑	☐	1	Elevation Front	None	-- No Template --	Elevation Front	VB_M50_noR	spandrel front	
☑	☐	1	Elevation Left	None	-- No Template --	Elevation Left	VB_M50_noR	spandrel side view	
☑	☐	1	Elevation Bottom	None	-- No Template --	Elevation Bottom	VB_M50_noR	no dimensions	
☑	☐	1	Elevation Top	None	-- No Template --	Elevation Top	VB_M50_noR	no dimensions	
☑	☐	1	Elevation Right	None	-- No Template --	Elevation Right	VB_M50_noR	no dimensions	
☑	☐	1	Elevation Front	None	-- No Template --	Front with rebar	VB_M50	Front rebars SA	