Workflow

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1. To use Smart Connections, make sure you have Line-based or Point-based Families loaded in a project. See help file Requirements for Families and Categories.

Note: You can find sample families in Smart Connections Sample Project.

Insert	Auto		Multi-Rule		Celete Selected	Gravity Point	Update by DC Onfiguration	
Elements	Insert	12	Manager	\sim	X Delete w/o Host	÷	🔡 Settings 🔹	
Smart Connections								

In Smart Connections Configurations, select appropriate Category and define rules governing what should be inserted and where. See related help files.

Smart Connections Configuration — 🗌 X											
Model: Structural V Categor	y: Walls v Group: Walls	 Configuration: LTEND_Massive 	e walls v Save Duplicate Renam	ne Delete Create New Res	set						
Hide Line Based Details 🗌 Hide Unused Tree Nodes 🗌 For Whole Run: 🗌											
Detail Priority 1 Detail Priority 2 Detail Priority 3 Detail Priority 4 Detail Priority 5 Detail Priority 6 Detail Priority 7 Detail Priority 8 Detail Priority 9 Detail Priority 10											
Line Based on Side Faces	Detail		Adjust Layout by Searching for other Elements								
	Select Category	All Categories V Searching Rule Class		Wall Joins v	Detail						
¥	Family and Type Browser	Loop angle 90 : 55		Current Project V							
Line Based on End Faces	Width (b,bf) 0	Height (h,d) 55	eight (h,d) 55 Searching Category								
	Insert Details	Left & Right v	Family and Type Browser	None							
4	Flip by X Axis	Flip by Y Axis	Use all Types								
Line Based on	Flip if Host is Flipped	Flip Work Plane	Additional Filter		Connected Element						
Faces	Cut Geometry	Join Geometry	Searching Rule Name	L Connection v							
			Wall Join Type Filter	Disjointed ~							
Line Based			Cut Type	None							
Perpendicular on Top/Bottom			Min and Max Distances 0	150							
Faces	Clayout Axis CArray Axis										
Line Based on	Host Filter		Side Offset	0							
Side Faces	Side Offset	0	Start Offset	350							
	Start Offset 0	End Offset 0	End Offset	200							
Point Based on	Relative to Length 0	Relative to Length 0	Layout Direction	Start v							
Side Face	Rotate(*) 0		Layout Rule	Fixed Number & Fixed Spacir 🛛							
	Min Length 0	Max Length 60960	Start Fixed Number	15							
Paint Pared	Layout Direction	Center v	Maximal Spacing	400							
Foint based on Find Faces	Layout Rule	Fixed Number & Fixed Spacir 🔻									
	Fixed Number	1									
A	Fixed Spacing	304.8									
Point Based on Top/Bottom	Symbolic Rule Preview										
Faces											
				5 10// 1							
Configuration Group	Start O	Fixed Number or Ma	aximal Spacing or Fixed Number& Spacing	End Uffset							

3. Select elements and place your inserts with selected configuration:

Insert Elements Insert Insert Insert	Selected All W/o Host Gravity Point Gravity Point Settings *	PRONT BUT
	Insert Details Please select Smart Details Configuration Group: Waits Please select Smart Details Configuration (DC): LTEND_Massive waits Info:	× © Edit
	Selected elements: 20 Walls : 16 Smart Details can be inserted for 16 elements from Walls ca Notes: Possible categories: Walls, Parts, Floors, Structural Framings, C	tegory. Summs, Structural Foundations, Line based Generic Models. Insert Details

A couple examples below of what can be done:



