## Workflow

Modified on: Mon, 22 Jun, 2020 at 7:06 PM

Follow these steps to create layout of Structural Framing elements based on the boundary of the reference Floor.

1. Load Families	S.			
Add Flooring Ac	dd/Modify Elements	Update Frame Delete Frame Modify Other • Floor+C	<ul> <li>Link Floor</li> <li>Framing Configure</li> <li>Settings</li> <li>Load Families</li> <li>Set Max Spacing</li> <li>Manage Floors</li> <li>Manage Profiles</li> <li>Manage Connect</li> <li>Configuration Fit</li> <li>E-Help (web)</li> </ul>	tions les' Location

## 2. Create configurations or modify sample configurations.

laterial Class:	PrecastConcrete					
onfiguration Type:	Flooring		1			
onfiguration Name	M_Floor HCS_1500	· · · · · ·	Save Save As Rename	Delete		
		Longitudinal Flooring				
Common	Settings	Custom Join Read Layout from Database Co	nfiguration: Select	×		
Floor Fram	ing	Configuration Predefined Layout Name: No	gging Save to Database Duplicate	Delete		
Opening F	raming	New Item Remove Item	Move Up Move Down	Define Rotate Rotate	Spacing Position Align Typ	pe Cut Type
		1 Center × 1.	M Precast-Hollow Core Slab : 1500x250x V		0 mm Center × None	Y None
-			-			
		Array 1			Array 2	
		Array 1	Array from Start	v	Array 2	None
		Apply Offset	by Slope	v	Apply Offset	by Slop
		Offset by	Center	v	Offset by	Center
		Offset from Start	0	Offset	0	
			-	v .	Additional Offset by Slone	
		Additional Offset by Slope	rvon		Production of the by stope	None
		Additional Offset by Slope Spacing	1500		Spacing	0

3. Create Floor or use existing Floor.

Note: Direction of slabs depends on span direction of Floor.

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t Ass	sembly			6		7	
amily ype: otal t esist herm Laye	: Floor Archite thickness: 240.0 ( ance (R): 0.2294 al Mass: 33.69 k ers	ctural floor Default) (m2+K)/W 3/K					
	Function	Material	Thickness	Wraps	Stru		
1	Finish 2 [5]	Tiles 15 x 15	15.0				
2	Substrate [2]	Concrete, Sand/Cement Screed	50.0				
5	Membrane Layer	brane Layer Damp-proofing					
15	Core Boundary	Layers Above Wrap	0.0				
4		Access Access Ac	175.0				
4	Structure [1]	Concrete, Cast In Situ	173.0		M		

## 4. Link configuration to the Floor Layer.

Add Flooring	Add/Modify	Delete Frame	<b>⊪</b> .	Link Floor
	Elements	Modify Other •	<b>≣</b> \$	Framing Configuration
		Floor+C		

Select configuration and Layer where these slabs should be created. Top of slabs will be created at top of that layer.

Compound Ceiling : Ceiling 1	Family Type	Floor Architectural floor									
Floor : 160mm Concrete With 50mm Metal Deck	Total thicknes	240									
Floor : 75mm Metal Roof Deck	Layers EXTERIOR SIDE										
	Function	Material	Thickness	Framing Layer	Framing Configuration	Configuration	Frame	Frame Part	Split Parts	Split by	Sheathing/Paneling
Floor : Architectural floor	0 Finish2	Tiles 15 x 15	15 mm	None	None	Fixed Y	-				None
Eloor : Beam and Block 200mm	1 Substrate	Concrete, Sand/Cement Sc	50 mm	None	None	Fixed Y	-				None
	2 Membrane	Damp-proofing	0 mm	None	None	Fixed	-				None
Floor : Concrete-Commercial 362mm	3 Structure	Concrete, Cast In Situ	175 mm	Flooring	M_Floor HCS_1500	Fixed Y	~				None
Floor : Concrete-Domestic 425mm						_					
Floor : dt											
Floor : dt from end											
Floor : dt from end with 2 Left											
Floor : dt from end with 2 Right											
Floor : dt from end with 2 Right and 1 Left											
< ×	<										>
										Cancel	Ok

## 5. Select Floor and choose command Add Flooring.



Here is result of simple layout of Structural Framing. For further development of slab layout read other documentation.

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