Modified on: Thu, 7 Jan, 2021 at 7:09 PM

Framing Configuration may be found in two locations:



Edit Opening Framing Configuration

In order to edit, create new, rename, or delete opening framing configuration, you have to click **Edit Configuration** for the structural or non-structural floors:

	Opening Framing				
Common Settings	📄 🗙 🖭 Edit Config	urations			
, , , , , , , , , , , , , , , , , , ,	- Non-structural Floors.	Width of Openings:			
Floor Framing	From To	Configuration		Preassembled	Opening Element Preassembled
	0 10	000 M_Opening Non-bearing Fram	ing Y	~	✓
Opening Framing					÷
	📄 🗙 편 Edit Config	urations			
End Connection	Structural Floors. Width	n of Openings:			
	From To	Configuration		Preassembled	Opening Element Preassembled
Edge Joist	0 10	000 M_Opening Bearing Framing	~		
~					***************************************

Default configurations will come together with the software. Default path to opening configurations is: *C:\Users\user name\AppData\Roaming\Tools 4 Revit\Floor+M(version) Configurations\Framing Configurations\Metric or Imperial\Configuration name*

It saves all the settings of trimmer joists, headers, trimmers, other joists that are listed down below in the dialog:

triguration Name: M_Opening Non-bearing Framing v Save Save As Rename Delete Trimmer Top Cripple Trimmer Bottom Cripple Trimmer Cripples Offsets Trimming Joist Custom Header 2 Custom Top Support Custom Header 1 imming Joist Left & Right Trimming Joist are symmetrical Configuration Predefined Layout Name: Default Configuration: Select v New Item Remove Item Move Up Move Down X-Position Count Type Define Retate Rotate Flip Spacing Position 1 Standard v 1 M.MF Stud-Joist : C20376-15 V 0 mm Center v Symbolic Preview	Floor+l	M. Open	ing Frar	ming. No	n-structural F	loors						-		2
Timmer Top Cripple Timmer Bottom Cripple Timmer Cripples Offsets Timming Joist Custom Header 2 Custom Top Support Custom Header 1 imming Joist Left & Right Imming Joist are symmetrical Imming Joist are symmetrical <td< th=""><th>figura</th><th>ation Nar</th><th>ne: M</th><th>_Opening</th><th>J Non-bearing</th><th>g Framing</th><th></th><th>~</th><th>Save</th><th>Save</th><th>As</th><th>Rename</th><th>Delet</th><th>e</th></td<>	figura	ation Nar	ne: M	_Opening	J Non-bearing	g Framing		~	Save	Save	As	Rename	Delet	e
Trimming Joist Custom Header 2 Custom Top Support Custom Header 1 imming Joist Left & Right Imming Joists are symmetrical Imming Joist Symmetrical <td< td=""><td>Trim</td><td>mer</td><td></td><td>Top Cr</td><td>ipple Trimme</td><td>r </td><td>Bottom Cr</td><td>ripple Trim</td><td>mer</td><td></td><td>Cripples</td><td></td><td>Offsets</td><td></td></td<>	Trim	mer		Top Cr	ipple Trimme	r	Bottom Cr	ripple Trim	mer		Cripples		Offsets	
imming Joist Left & Right Trimming Joist are symmetrical Custom Join Configuration Predefined Layout Name: Default Configuration: Save to Database Duplicate Select Layout from Database Configuration: Select New Item Remove Item Move Up Move Down X-Position Count Type Define Rotate Rotate Flip Spacing Position Symbolic Preview Symbolic Preview N	Trir	mming J	oist		Custom I	Header 2		Custom T	Top Suppo	ort		Custom	Header 1	
frimming Joists are symmetrical ♥ Custom Join Configuration Predefined Layout Name: Default Configuration Save to Database Duplicate Rename Delete Select Layout from Database Configuration: Select New Item Remove Item Move Up Move Down X-Position Count Type Define Define Define Pot Symbolic Preview Symbolic Preview >	immir	ng Joist L	eft & Ri	ight										
Custom Join Configuration Predefined Layout Name: Default Configuration Select Layout from Database Configuration: Select New Item Remove Item Move Up Move Down X-Position Count Type Define D	Frimmi	ing Joists	are sy	mmetrica	al 🗸									
Configuration Predefined Layout Name: Default Configuration Save to Database Duplicate Rename Delete Select Layout from Database Configuration: Select > New Item Remove Item Move Up Move Down X-Position Count Type Define Rotate Flip Spacing Position 1 Standard 1 M_MF Stud-Joist : C20376-15 ✓ ✓ 0 mm Center >	Custo	m Join -												
Predefined Layout Name: Default Configuration Select Layout from Database Configuration: Select New Item Remove Item Move Up Move Down X-Position Count Type Define Depth 90° 1 Standard v 1 M_MF Stud-Joist : C20376-15 V Omm Center v Symbolic Preview	Con	figuratio	n ——											
Select Layout from Database Configuration: New Item Remove Item Move Up Move Down X-Position Count Type Define Dotate Rotate Flip Spacing Position 1 The MMF Stud-Joist : C20376-15 Image: Context of the stud-Joist in t	Prec	defined L	ayout N	Name: D	efault Config	uration Save	e to Databas	e Duplio	cate	Rename	D	elete		
New Item Remove Item Move Up Move Down X-Position Count Type Define Rotate Flip Spacing Position 1 Standard 1 M_MF Stud-Joist : C20376-15 Image: Count of the stude	Sele	ect Lavou	t from I	Database	Configuratio	n: Select			~					
New Item Remove Item Move Up Move Down X-Position Count Type Define Rotate Flip Facing Spacing Position 1 Standard v 1 Image: Standard v		.ct Luyou		Database	Configuration									
X-Position Count Type Define Depth Rotate 90° Flip Facing Spacing Position 1 Standard v 1 M_MF Stud-Joist : C20376-15 V 0 0 mm Center v Symbolic Preview	Ne	w Item	Remo	ve Item	Move Up	Move Dow	n							
1 Standard ∨ 1 M_MF Stud-Joist : C20376-15 ✓ 0 mm Center ∨ Symbolic Preview		X-Posi	tion	Count	Туре			Define Depth	Rotate 90°	Rotate 180°	Flip Facing	Spacing	Position	
Symbolic Preview	1	Standa	ard Y	1 🜲	M_MF St	ud-Joist : C20)376-15	~		~		0 mm	Center	Ŷ
	Sym	bolic Pre	eview —											

Trimming Joist

	mer		Тор	Crip	ple T	rimm	er		Bo	ottom Ci	ripple Trimr	mer		Cripples	;	Offsets	5
Trin	nming Jo	oist			Cu	ustom	n Head	der 2			Custom To	op Suppo	ort		Custom	Header 1	
nmin	g Joist Le	eft & Rig	ght														
immiı	ng Joists	are syn	nmet	rical	~												
Custor	m Join —																
Conf	figuration	n ——															
Pred	lefined La	ayout N	ame:	De	fault	Confi	igurat	tion S	ave to	Databas	e Duplic	ate	Rename	D	elete		
Seler	ct Lavout	t from D)ataba	ase C	onfic	urati	on:	Sele	ct			v					
Nev	w Item	Remo	ve Iter	m	Mov	/e Up		love D	own								
	X-Posit	tion	Cour	nt 1	ype						Define Depth	Rotate 90°	Rotate 180°	Flip Facing	Spacing	Position	
1	Standa	rd Y	1	÷	M	_MF S	Stud-J	loist : (20376	-15	. ✓		~		0 mm	Center	Ŷ
1	Standa	rd Y	1	÷	M	_MF S	Stud-J	loist : (20376	-15	✓		✓		0 mm	Center	~
1 - Symł	Standa	view	1	\$	M	_MF S	Stud-J	loist : (20376	-15					0 mm	Center	~
1 Symt	Standa	view —	1	\$	M	_MF S	Stud-J	loist : (20376	-15					0 mm	Center	~
1 - Syml	Standa	view —	1	\$	M	_MF S	Stud-J	loist : (20376	-15					0 mm	Center	~
1 - Syml	Standa	view —	1		M	_MF S	Stud-J	loist : (20376	-15					0 mm	Center	
1 Syml	Standa	view -		\$	M	_MF S	Stud-J	loist : (20376	-15					0 mm	Center	
1 Syml	Standa	view —					Stud-J	loist : (20376	-15					0 mm	Center	
1	Standa	view —					Stud-J	loist : (20376	-15					0 mm	Center	
1	Standa	view —					Stud-J	loist : (20376	-15					0 mm	Center	
- Syml	Standa	view —					Stud-J	loist : (20376	-15					0 mm	Center	

Trimming Joist tab - in this tab you will find all settings for creating trimming joist needed for the opening.

Trimming Joists are symmetrical – switch this *OFF* if trimming joists should be different on the left and right sides.



Custom Join

Irimmer	Top Cr	ipple Trimmer	Bottom Cr	ripple Trimi	mer		Cripples		Offsets
Trimming Joist	t	Custom Header 2		Custom T	op Suppo	ort		Custom	Header 1
mmina Joist Left	& Right								
		. 🗖							
rimming Joists ai	e symmetrica	al 🔽							
Custom Join —									
- Configuration -	out Namer - C	of ault Configuration	Save to Databas	a Dualie	- ata	Panama		alata	
Predenned Lay		eradii Configuration	Save to Databas	e Dupin	ale	Nename		elete	
Select Layout fr	om Database	Configuration: Se	lect		~				
New Item R	emove Item	Move Up Move	Down						
	emove item	more op	2000						
X-Positio	n Count	Туре		Define Depth	Rotate 90°	Rotate 180°	Flip Facing	Spacing	Position
1 Standard	✓ 1	M_MF Stud-Joist :	C20376-15	~		~		0 mm	Center
-Symbolic Previe	:w								
							and the second s		

Custom Join – is a multi-functional dialog where user can define rules for joins including size, count, position, rotation, spacing, alignment etc. All these rules can be saved and used in other framing configurations or shared with other users. This type of dialog is used frequently in our products, so here you can find <u>Custom Join detailed description >></u> (<u>https://agacad.freshdesk.com/support/solutions/articles/44001990031-custom-join</u>)

Custom Header 1, Custom Header 2

2021		FRAMING	G CONFIGURATION - 0	Opening Fr	aming –	Edit : AG	GACAD		
Trimmer	То	o Cripple Trimmer	Bottom Cripple Tri	mmer		Cripples		Offse	ts
Trimming Joist		Custom Header 2	Custom	Top Supp	ort		Custo	m Header 1	
Additional Paramet Rotate by Slope Move for Skylig Custom Join	ers V								
Predefined Layou Select Layout from New Item Rem	t Name: n Databa nove Iten	Default Configuration Sa se Configuration: Select n Move Up Move Do	eve to Database Dupl et	v	Rename	De	lete		
X-Position	Coun	t Type		Define Depth	Rotate 90°	Rotate 180°	Flip Facing	Spacing	Po
1 Standard	~ 1 ;	M_MF Blocking Stu	d-Joist : C20376-15 ×	✓		✓		0 mm	Ce
Symbolic Preview									>

Custom Header 1/2 tab – in this tab you will find all settings for creating headers/sills needed for the opening.



Irimmer	lop	Cripple Irimmer	Bo	ttom Cripple Trimmer	Cripples	Offsets
Trimming Jo	oist	Custom Header	2	Custom Top Support	Custon	n Header 1
- Additional P	aramet	ers				~
Rotate by	/ Slope	✓				
Move for	Skyligł	nt 🗌				

Rotate by Slope – rotates an element according to the floor slope.

Trimmer	Тор	Cripple Trimmer	Bo	ottom Cripple Trimmer	Cripples	Offsets
Trimming Jo	ist	Custom Header	2	Custom Top Support	Custon	n Header 1

Trimming Joist	Custom Header 2	Custom Top Support	Custom Header 1
Additional Paramet	ers		^
Rotate by Slope	\checkmark		
Move for Skylig	nt 🗌		

Move for Skylight – if ticked, then the header will be moved to make a real skylight frame.



Custom Top Support

Trim	nmer	Тор	Cripple Trimmer	Bottom Crip	ple Trimme	r	(Cripples		Offsets	
Tri	imming Joist		Custom Header 2	(Custom Top	Suppor	t		Custom	Header 1	
ustom Config Predet Select	Join guration fined Layout N Layout from [lame: Do	efault Configuration Save to	Database Du	plicate	Renam	e [)elete]		
New	ltem Remo	ve Item	Move Up Move Down								
1	X-Position	Count	Туре		Define Depth	Rotate 90°	Rotate 180°	Flip Facing	Spacing	Position	
1	Standard Y	1 🜩	M_MF Blocking Stud-Jois	t : C20376-15 [∨]	~				0 mm	Center	×
2	Standard 🗸	1 🔷	M_MF Blocking Stud-Jois	st : C20376-15 ^v		>			0 mm	Internal	v
Symbo	olic Preview —										

Custom Top Support – place where user can control opening top support.



Trimmers

Trimm immer L			Custom Header	2 Custom Top Suppor	t	Cust	tom Hea	der 1
immer L	er	Top Cri	pple Trimmer	Bottom Cripple Trimmer	Cripp	es	0	Offsets
	.eft & Rig	ht						/
rimmers	s are symr	metrical		\checkmark				
xtend Si	ill&Heade	r						
xtend H	leader							
nsert Su	pport Stu	d/Joist if exte	ended					
Custom - Confi <u>c</u> Prede) Join guration – fined Layo	out Name:	Default Configurati	on Save to Database Duplicate	Rename	De	lete	
Select New	t Layout fr Item R X-Position	om Databas emove Item n Count	e Configuration: - Move Up Mo	- Select v	Define	Rotate	Rotate	Flip
1	Ctandard	v 1 🔺	Sill to Header	M ME Shud Jainty C20276-15	Depth	90-	180-	Facing
- Symbo	olic Previe	······································						

Trimmer – place where user can control opening trimmers.





Trimming Jo	st Custom Header	2 Custom Top Support	Custom	n Header 1
Trimmer	Top Cripple Trimmer	Bottom Cripple Trimmer	Cripples	Offsets
Trimmer Left &	Right			
Trimmers are sy	mmetrical	\checkmark		
Extend Sill&He	ader			
Extend Header				
Insert Support S	itud/Joist if extended			
Extend Trimm	ner if it connects to Top Suppor	t and Trimming Joist is missing 🔽		

Trimmers are symmetrical – switch this OFF if trimmers should be different on the left and right sides.

	Γ

Trimm	ning Joist		Custom Header 2	Custom T	op Support		Custom He	ader 1
Trimme	er 1	op Cripple	e Trimmer	Bottom Cripple Trir	nmer	Cripples		Offsets
mmer L	.eft & Right							
rimmers	s are symmet	rical			✓			
xtend Si	ill&Header							
xtend H	leader							
nsert Su	pport Stud/Jo	oist if exter	nded					
Extend	d Trimmer if it	connects	to Top Support a	nd Trimming Joist is m	issing 🔽			
Extend Custom Confi <u>c</u> Prede	d Trimmer if it n Join ——— guration —— fined Layout	Name: D	to Top Support a	nd Trimming Joist is m tion Save to Database	Duplicate	Renam	e De	lete
Extend Custom Confi <u>o</u> Prede Select	d Trimmer if it n Join ——— guration —— fined Layout t Layout from	Name: D Database	to Top Support an Default Configurat	nd Trimming Joist is m tion Save to Database Default Configuration	Duplicate	Renam	e De	lete
Extend Custom Config Prede Select	d Trimmer if it n Join guration fined Layout t Layout from Item Rem	Name: D Database	to Top Support an Default Configurati Configuration:	nd Trimming Joist is m tion Save to Database Default Configuration	Duplicate	Renam	e De	:lete ase
Extend Custom Confi <u>o</u> Prede Select New	d Trimmer if it n Join guration fined Layout t Layout from Item Rem X-Position	Name: D Database ove Item	to Top Support an Default Configurati Configuration: Move Up Move Up	nd Trimming Joist is m tion Save to Database Default Configuration love Down	issing ⊻ Duplicate	Renam	e De e by Datab Define Depth	elete ase Rotate 90°
Extend Custom Config Prede Select New	d Trimmer if it n Join guration fined Layout t Layout from Item Rem X-Position Standard V	Name: D Database ove Item Count	to Top Support an Default Configuration: Configuration: Move Up Move Up Move Up Move Up	nd Trimming Joist is m tion Save to Database Default Configuration love Down Type M_WF Joist : LM	Duplicate ✓	Renam	e De e by Datab Define Depth	elete ase Rotate 90°

Extend Sill&Header – extends Sill and Header if Bottom Plate to Sill, Header to Top Plate, Sill to Header is selected near Trimmer Type. Also check if Trimming Joist is inserted.

Result:



Trimming	Joist	0	Custom Heade	er 2	Custom Top Support		Custom He	ader 1
Trimmer	То	op Cripple	e Trimmer		Bottom Cripple Trimmer	Cripples		Offsets
mmer Left	& Right							
immers are	symmetr	ical			✓			
tend Sill&l	leader							
tend Head	er							
sert Suppo	rt Stud/Joi	ist if exte	nded					
Extend Trir	nmer if it	connects	to Top Suppo	rt and	Trimming Joist is missing 🔽			
Extend Trir	nmer if it	connects	to Top Suppo	rt and	Trimming Joist is missing 🔽			
Extend Trir Custom Joi Configura	nmer if it 1	connects	to Top Suppo	rt and	Trimming Joist is missing 🗹			
Extend Trir Custom Joi Configura Predefine	nmer if it n — tion — d Layout N	connects Name: <i>D</i>	to Top Suppo Default Configu	rt and uration	Trimming Joist is missing 🗹	Renam	ie De	lete
Extend Trir Custom Joi Configura Predefine	nmer if it 1	connects Name: <i>D</i>	to Top Suppor	uration	Trimming Joist is missing 🗹	Renam	ie De	lete
Extend Trir Custom Joi Configura Predefine Select Lay	nmer if it 1	connects Name: <i>D</i> Database	to Top Suppo Default Configu Configuration	rt and uration n: De	Trimming Joist is missing 🗹 n Save to Database Duplicate fault Configuration v	Renam	ie De te by Datab	lete
Extend Trir Custom Joi Configura Predefine Select Lay New Iten	nmer if it tion d Layout N out from	connects Name: <i>D</i> Database	to Top Suppor Default Configu Configuration Move Up	rt and uration n: Dei Mov	Trimming Joist is missing n Save to Database Duplicate efault Configuration v re Down Vertice	Renam	e De	lete
Extend Trir Custom Joi Configura Predefine Select Lay New Iten	nmer if it tion d Layout N out from 1 Remo	connects Name: <i>D</i> Database ove Item	to Top Support	rt and uration n: De Mov	Trimming Joist is missing n Save to Database Duplicate fault Configuration ~ re Down Time	Renam	ie De te by Datab Define	elete ase Rotate
Extend Trir Custom Joi Configura Predefine Select Lay New Iten X-P	nmer if it tion — d Layout M out from n Remo	connects Name: <i>D</i> Database ove Item Count	to Top Suppor Default Configu Configuration Move Up Trimmer Type	rt and uration n: De Mov	Trimming Joist is missing n Save to Database Duplicate fault Configuration v re Down Type	Renam	e De te by Datab Define Depth	elete ase Rotate 90°
Extend Trir Custom Joi Configura Predefine Select Lay New Iten X-P 1 Sta	nmer if it tion d Layout N out from n Remo osition	connects Name: <i>D</i> Database ove Item Count 1	to Top Suppor Default Configu Configuration Move Up Trimmer Type Bottom Plate	rt and uration n: Def Mov e	Trimming Joist is missing n Save to Database Duplicate fault Configuration ~ re Down	Renam	e De te by Datab Define Depth	elete ase Rotate 90°

Extend Header – extends the Header if **Bottom Plate to Header**, **Bottom Plate to Sill**, **Header to Top Plate**, **Sill to Header**, **Split Sill to Header** is selected near **Trimmer Type**. Also check if **Trimming Joist** is inserted.

Result:



Trimming J	oist	Custom Header	2	Custom Top Support	Custom	Header 1
Trimmer	Тор	Cripple Trimmer	Botto	om Cripple Trimmer	Cripples	Offsets
Trimmer Let	ft & Rig	Jht				~
Trimmers a	ire sym	metrical			\checkmark	
Extend Sill	&Head	er			\checkmark	
Extend Hea	ader					
Insert Supp	oort Stu	ıd/Joist if extended			✓	
Extend T	rimme	r if it connects to Top	o Suppo	ort and Trimming Joist is	s missing 🔽	
<						>

Insert Support Stud/Joist if extended – inserts support stud/joist to the opening if **Extend Sill&Header** is switched on.

Result:



Trimming Joist	Custom Header 2	Custom Top Support	Custom	Header 1
Trimmer Top	Cripple Trimmer Bo	ottom Cripple Trimmer	Cripples	Offsets
Trimmer Left & Ri	ght			^
Trimmers are sym	metrical		\checkmark	
Extend Sill&Head	ler		\checkmark	
Extend Header				
Insert Support Sto	ud/Joist if extended		\checkmark	
Extend Trimme	r if it connects to Top Sup	oport and Trimming Joist is	missing 🔽	> ~

Extend Trimmer if it connects to Top Support and Trimming Joist is missing – extends trimmer ends if there is no King/Trimming Joists and **Trimmer Type** = **Bottom Plate to Top Plate Support**.

Also top support needs to be without extended ends:

Trimming Joist Custom Header 2 Custom Top Support Custom Header 1	Trimmer	Top Crip	ple Trim	mer Botto	n Cripple Trin	nmer Crippl	es Offsets			
Custom Join										
Read Layout from Database Configuration: Select	~									
Configuration										
Predefined Layout Name: Top Support Save to Database Duplicate	Delete									
New Item Remove Item Move Up Move Down										
X-Position Count Type	Define Depth	Rotate 90°	Rotate 180°	Spacing	Position	Align Type	Extend Start	Extend End	Cuts	Pri ed
1 Standard v 1 ← M_RWF Rim-Bridging Joist : LMBR 48x30 v	~			0 mm	Center v	None Y	None Y	None Y		
		-								
						•			-	
Symbolic Preview										

Result when is switched OFF:



Result when is switched ON:



Trimming Joist	t 🛛	Custom Header	2 Custom Top Support	(Custom Header 1
Trimmer	Top Ci	ripple Trimmer	Bottom Cripple Trimmer	Cripples	Offsets
Trimmer Left & Rig	ht				^
Trimmers are sym	metrical		\checkmark		
Extend Sill&Heade	er		\checkmark		
Extend Header					
Insert Support Stu	d/Joist if exte	ended	\checkmark		
Extend Trimmer Custom Join Configuration - Predefined Lay Select Layout fr	out Name: rom Databas	s to Top Support and Default Configuration e Configuration: De Move Up Mov	Trimming Joist is missing n Save to Database Duplicate Re fault Configuration v □ U re Down	ename De Jpdate by Datab	lete
X-Positio	n Count	Trimmer Type	Туре	Define Depth	Rotate Flip 90° Facing Spa
1 Standard	🖂 🗸 🕹	Sill to Header 💉	M_WF Joist : LMBR 45x150	× 🗸	0 m
- Symbolic Previe	2W	Bottom Plate to Hu Bottom Plate to To Bottom Plate to To Sill to Header Sill to Top Plate	eader p Plate p Plate Support		

Trimmer Type – defines how the trimmer is positioned relative to opening Sill, Header, Top Plate, Bottom Plate, Top Plate Support.

Example: Trimmer goes from Bottom Plate to Header:



Example: Trimmer goes from **Bottom Plate** to **Top Plate**:

Example: Trimmer goes from Bottom Plate to Top Plate Support:



Example: Trimmer goes from Sill to Header:



Top/Bottom Cripple Trimmer

Trimming Jois	t 📃	Custom Header 2	2	Custom 1	Fop Supp	ort		Custom	Header 1	
Trimmer	Top Crip	ple Trimmer	Bo	ttom Cripple Trim	mer		Cripple	s	Offsets	
Top Cripple Trimme	er Left & Right									^
Trimmers are symmetric Custom Join Configuration - Predefined Layu Select Layout fr	netrical 🗹 out Name: De om Database C	fault Configuration	Save to E	Database Dupli	cate	Renam	e [Delete		
New Item R X-Positio	n Count	Move Up Move	Down	Define Depth	Rotate 90°	Rotate 180°	Flip Facing	Spacing	Position	
1 Standard	v 1 춪	M_MF Stud-Joist	: C20376-	15 🗸				0 mm	Center	~
- Symbolic Previe										

Top/Bottom Cripple Trimmer - place where user can control opening top/bottom cripple .



Trimmers are symmetrical – switch this OFF if trimmers should be different on the left and right sides.

Cripples

Trimming Joist	Custom Heade	r 2 Custom Top Support	Custo	m Header 1
Trimmer	Top Cripple Trimmer	Bottom Cripple Trimmer	Cripples	Offsets
Top and Bottom Cripples]			^
Top and Bottom Cripp	les are Equal 🗸			
Define Top Cripple Stu	ds/Joists by Spacing 🛛 🗸			
Spacing Type	Ce	entered	~	
Spacing of Top Cripple	Studs/Joists 60	D		
Number of Top Cripple	e Studs/Joists 1		* *	
Diagonal Placing of To	p Cripple Studs/Joists 🗌			
Diagonal Cripple Panel	Type Pr	att	~	
Offset in Connections	0			
Custom Join				
Configuration —				
Predefined Layout Na	me: Joist Save to Databa	se Duplicate Rename Dele	te	Ų
<				>

Define Top Cripples Studs/Joists by Spacing – if ticked ON, then you can predefine **Spacing Type** and **Spacing of Top Cripple Studs/Joists**. If unticked, then the software calculates the distance between top cripples automatically. You just need to define a **Number of Top Cripple Studs/Joists**.

Number of Top Cripple Stud = 2

Spacing of Top Cripple Studs = 300





Spacing Type – defines different spacing arrangement options:

Spacing Type	Centered ~
Spacing of Top Cripple Studs/Joists	Centered
	From Start
Number of Top Cripple Studs/Joists	From End
Diagonal Placing of Top Cripple Studs/Joists	From Start with Offset
Diagonal Cripple Panel Type	Maximal Spacing
Offset in Connections	Centered Maximal Spacing
	Centered Cripple

Bottom Cripples will always be the same as the top.

Note: **Define Top Cripples Studs/Joists by Spacing** will work if **Automatically Align Opening Cripples with Joists** is switched OFF near **Common Settings**. If it is ticked ON, then the cripples will be aligned with the main framing joists. 7/9/2021

FRAMING CONFIGURATION – Opening Framing – Edit : AGACAD



Automatically Align Opening Cripples with Joists is switched ON:



Diagonal Placing of Top Cripple Studs/Joists - select this option if you would like to use diagonal top cripples.

Diagonal Cripple Panel Type – possible options: Warren or Pratt.

Offset in Connections - distance between diagonal cripples.





C+C Chamfered Warren diagonal cripples above the window



Sample C+U Special Warren diagonal cripples above the window:



Offset

Opening Top, Bottom, Left, Right Offset – offsets frame in all preferred directions.

King Stud Custom Header	Custom Top Support	Custom Sill	Trimmer	Other Studs	Offsets
Opening Top Offset	þ				
Opening Bottom Offset	2				
Opening Left Offset	3				
Opening Right Offset	3				

