



Hangers

I am going to walk you through the steps of how to set up your hangers in BC Framer. If your hangers are not set up correctly, it will cause frustration when it is time to design them. Save time by setting up your hangers now.

First launch BC Framer. You do not need a job open to start this process.

Click on  > set up >  SAPPHIRE™ Materials

Now click on Item Master, change the materials category to “Hanger” from the pull down menu.

Click in the box next to Show Obsolete Material.

Click “Is Obsolete” to sort hangers by FALSE first and TRUE second. The hangers marked False are current hangers (not Obsolete). Make sure all the FALSE hangers have a check mark on the left side and the TRUE don’t have check marks. Click save and click on Material List.

	Name	Connector Group	Manufacturer	Series	Is Obsolete
<input checked="" type="checkbox"/>	EGQ3.62 (H=18)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ3.62 (H=18.75)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ3.62 (H=19)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ5.50 (H=11.25)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ5.50 (H=11.875)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ5.50 (H=14)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ5.50 (H=16)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ5.50 (H=18)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ5.50 (H=18.75)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ5.50 (H=19)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ7.25 (H=11.25)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ7.25 (H=11.875)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ7.25 (H=14)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ7.25 (H=16)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ7.25 (H=18)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ7.25 (H=18.75)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	EGQ7.25 (H=19)	Girder	Simpson	EGQ	FALSE
<input checked="" type="checkbox"/>	FB24-TZ	None	USP	FB	FALSE
<input checked="" type="checkbox"/>	FB26-TZ	None	USP	FB	FALSE
<input checked="" type="checkbox"/>	FHD26	None	USP	FHD	FALSE
<input checked="" type="checkbox"/>	FLOK06	Hurricane/Seismic...	FastenMaster		FALSE
<input checked="" type="checkbox"/>	Four H2.5A	Hurricane/Seismic...	Simpson	H	FALSE
<input checked="" type="checkbox"/>	Four RT4	Hurricane/Seismic...	USP	RT	FALSE
<input checked="" type="checkbox"/>	Four RT5	Hurricane/Seismic...	USP	RT	FALSE
<input checked="" type="checkbox"/>	Four RT7	Hurricane/Seismic...	USP	RT	FALSE
<input checked="" type="checkbox"/>	FPH24-TZ	None	USP	FPH	FALSE
<input checked="" type="checkbox"/>	FWH17118	Top Mount	USP	FWH	FALSE
<input checked="" type="checkbox"/>	FWH1714	Top Mount	USP	FWH	FALSE
<input checked="" type="checkbox"/>	FWH1716	Top Mount	USP	FWH	FALSE

In Application Categories.
Click on
Connectors> SST> Hangers

Material Categories
Change to Hangers

Manufacturer-Simpson or
USP to match the brand
you are working on.

Available Material shows
the hangers that have not
been chosen for your
Active Materials.

Active Material shows the
hangers that will be
available for you to chose
from in the design process.
Add your stock hangers and
other common hangers to
this list.

The screenshot shows the 'Material List' window in the BC Framer software. On the left, the 'Application Categories' tree is expanded to 'Connectors > SST > Hangers'. The 'Material Categories' dropdown is set to 'Hanger'. The 'Connector Group' is 'All', 'Manufacturer' is 'Simpson', and 'Series' is 'All'. The 'Available Material' table lists various hanger items with columns for Name and Description. The 'Active Material' table on the right shows a list of selected hangers with columns for Name, Description, Cost, and Costing Method.

Name	Description	Cost	Costing Me
B 1.81/11.88			
B 1.81/14			
B 1.81/16			
B 1.81/9.5			
B 1.81X (H1=7.25)			
B 2.37/11.88			
B 2.37/14			
B 2.37/16			
B 2.37/18			
B 2.37/20			
B 2.56/11.88			
B 2.56/14			
B 2.56/16			
B 2.56/18			
B 2.56/20			
B 2.56/22			
B 2.56/24			
B 2.56/26			
B 2.56/28			
B 2.56/30			
B 2.56X (H1=9.5)			
B 3.56/11.25			
B 3.56/11.88			
B 3.56/14			
B 3.56/16			
B 3.56/18			
B 3.56/20			
B 3.56/22			
B 3.56/24			

To add hangers to your Active Material, highlight the hanger you want from your Available Material list. Then click the single arrow in the center to move that hanger to your Active Material list. Once you have your Active list complete, click Save and the X to close Sapphire Materials.

(Clicking the double arrow moves everything regardless of what is highlighted.)

The screenshot shows the software interface with the following sections:

- Name:** SST
- Cost Category:** Default Cost Group
- Default Material List
- Material Categories:** Hanger
- Connector Group:** All
- Manufacturer:** Simpson
- Series:** All

Available Material Table:

Name	Description
Y	
HU28-2TF	2 X 8 DBL TOP FLANG...
HU28-4	2 X 8 QUAD FACE M...
HU28TF	2 X 8 TOP FLANGE FA...
HU3.25/10.5	FACE MOUNT HANGER
HU3.25/12	FACE MOUNT HANGER
HU3.25/12TF	TOP FLANGE FACE M...
HU3.25/16	FACE MOUNT HANGER
HU3.25/16.5TF	TOP FLANGE FACE M...
HU310TF	3 X 10 TOP FLANGE F...
HU312TF	3 X 12 TOP FLANGE F...
HU314TF	3 X 14 TOP FLANGE F...
HU316TF	3 X 16 TOP FLANGE F...
HU36	3 X 6 FACE MOUNT H...
HU36-2	
HU36TF	3 X 6 TOP FLANGE FA...
HU38	3 X 8 FACE MOUNT H...
HU38-2	3 X 8 DBL FACE MOU...
HU38TF	3 X 8 TOP FLANGE FA...
HU410TF	4 X 10 TOP FLANGE F...
HU412TF	4 X 12 TOP FLANGE F...
HU414TF	4 X 14 TOP FLANGE F...
HU416TF	4 X 16 TOP FLANGE F...
HU44TF	4 X 4 TOP FLANGE FA...
HU46TF	4 X 6 TOP FLANGE FA...

Active Material Table:

Name	Description	Cost	Costing Me
B 1.81/11.88			
B 1.81/14			
B 1.81/16			
B 1.81/9.5			
B 1.81X (H1=7.25)			
B 2.37/11.88			
B 2.37/14			
B 2.37/16			
B 2.37/18			
B 2.37/20			
B 2.56/11.88			
B 2.56/14			
B 2.56/16			
B 2.56/18			
B 2.56/20			
B 2.56/22			
B 2.56/24			
B 2.56/26			
B 2.56/28			
B 2.56/30			
B 2.56X (H1=9.5)			
B 3.56/11.25			
B 3.56/11.88			
B 3.56/14			
B 3.56/16			
B 3.56/18			
B 3.56/20			
B 3.56/22			
B 3.56/24			

Click **File** Setup Libraries

Click Connector Preferences > Solution Preferences > SST Face Mount Preferences List. Now do a right click > copy. Highlight the Solution Preference Name. Change the name to whatever makes sense to you. If you are going to be creating a list for SST and USP, the name needs to be different for each.

The screenshot shows the BC Framer software interface. On the left is the 'Libraries' panel with a tree view. The 'Connector Preferences' folder is expanded, and 'Solution Preference' is selected. Under 'Solution Preference', 'SST Face Mount Preferences List' is highlighted. The main window displays a table with the following data:

Solution Preference	
Solution Preference Name	SST Face Mount Preferences List
Manufacturer	Simpson Strong-Tie [®]
Preference	<click to edit>

Two dialog boxes are overlaid on the right side of the screen. The top dialog box shows the 'Solution Preference' dialog with the 'Solution Preference Name' field highlighted. The bottom dialog box shows the same dialog with the 'Solution Preference Name' field containing the text 'Hangers'. Red arrows point from the text in the top paragraph to these highlighted fields.

Click Preferences and then click the down arrow. That will bring up the list we will use to set the design priorities.

Supported Product	Connector Skew	Supported Member Slope	Priority 1	Priority 2	Priority 3	Priority Other
I-Shape: 1 Ply	0	0	IUS	HU	HGUQ	List Price Mo...
I-Shape: 1 Ply	45	0	LSSU	LSSUH	N/A	List Price Mo...
I-Shape: 1 Ply	Variable	0	LSSU	LSSUH	N/A	List Price Mo...
I-Shape: 1 Ply	All	All	N/A	N/A	N/A	List Price Mo...
I-Shape: 2 Ply	0	0	IUS	HU	HHUS	List Price Mo...
I-Shape: 2 Ply	45	0	N/A	N/A	N/A	List Price Mo...
I-Shape: 2 Ply	Variable	0	N/A	N/A	N/A	List Price Mo...
I-Shape: 2 Ply	All	All	N/A	N/A	N/A	List Price Mo...
Rect. SCL: Width <= 1-3/4"	0	0	IUS	HU	N/A	List Price Mo...
Rect. SCL: Width <= 1-3/4"	45	0	LSSU	LSSUH	N/A	List Price Mo...
Rect. SCL: Width <= 1-3/4"	Variable	0	LSSU	LSSUH	N/A	List Price Mo...

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Solution Preference	
Solution Preference Name	SST Face Mount Preferences List
Manufacturer	Simpson Strong-Tie [®]
Preference	<click to edit>

Two dialog boxes are overlaid on the right side of the screen. The top dialog box shows the 'Solution Preference' dialog with the 'Solution Preference Name' field highlighted. The bottom dialog box shows the same dialog with the 'Solution Preference Name' field containing the text 'Hangers'. Red arrows point from the text instructions to these highlighted fields.

Click on Priority 1 for the first category. Pick the hanger you want first. Then move to second and third. In the Priority Other pick either face mount or top mount. In the Connector Skew : 45, Variable and All, these three should all be set the same. For Simpson that would be SUL, SUR, LSSU.

Now move to I-Shape 2 Ply and do the same steps as above. Continue working through the list. Most designers do not fill in the dimensional lumber part of the list.

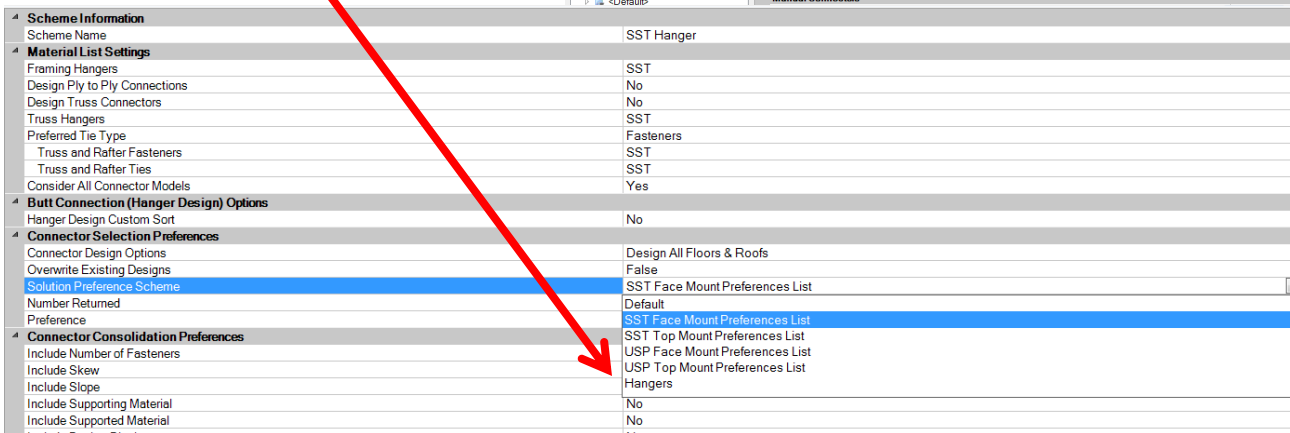
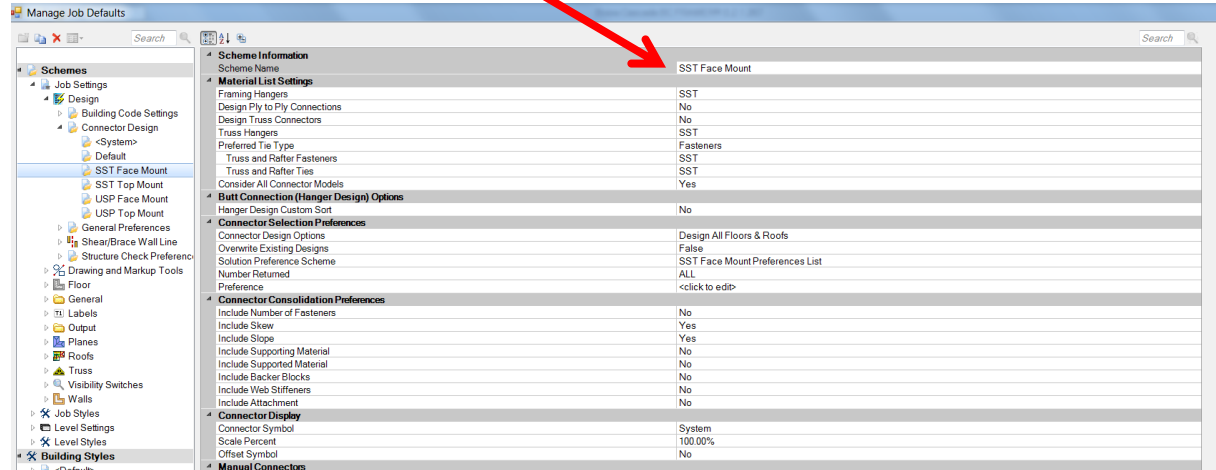
When you are finished click Apply > OK.

Supported Product	Connector Skew	Supported Member Slope	Priority 1	Priority 2	Priority 3	Priority Other
I-Shape: 1 Ply	0	0	IUS	HU	HGUQ	List Price Mo...
I-Shape: 1 Ply	45	0	IUS	LSSUH	N/A	List Price Mo...
I-Shape: 1 Ply	Variable	0	IUT	LSSUH	N/A	List Price Mo...
I-Shape: 1 Ply	All	All	JB	N/A	N/A	List Price Mo...
I-Shape: 2 Ply	0	0	LB	HU	HHUS	List Price Mo...
I-Shape: 2 Ply	45	0	LBI	N/A	N/A	List Price Mo...
I-Shape: 2 Ply	Variable	0	LBV	LGT	N/A	List Price Mo...
I-Shape: 2 Ply	All	All	LF	LGUM	N/A	List Price Mo...
Rect. SCL: Width <= 1-3/4"	0	0	LGI	LIU	N/A	List Price Mo...
Rect. SCL: Width <= 1-3/4"	45	0	LJSDS	LRS	HU	List Price Mo...
Rect. SCL: Width <= 1-3/4"	Variable	0	LJU	LSSUH	N/A	List Price Mo...
			LK	LSSUH	N/A	List Price Mo...
			LK1	LSSUH	N/A	List Price Mo...
			LK2	LSSUH	N/A	List Price Mo...
			LK3	LSSUH	N/A	List Price Mo...
			LK4	LSSUH	N/A	List Price Mo...
			LK5	LSSUH	N/A	List Price Mo...
			LK6	LSSUH	N/A	List Price Mo...
			LK7	LSSUH	N/A	List Price Mo...
			LK8	LSSUH	N/A	List Price Mo...
			LK9	LSSUH	N/A	List Price Mo...
			LK10	LSSUH	N/A	List Price Mo...
			LK11	LSSUH	N/A	List Price Mo...
			LK12	LSSUH	N/A	List Price Mo...
			LK13	LSSUH	N/A	List Price Mo...
			LK14	LSSUH	N/A	List Price Mo...
			LK15	LSSUH	N/A	List Price Mo...
			LK16	LSSUH	N/A	List Price Mo...
			LK17	LSSUH	N/A	List Price Mo...
			LK18	LSSUH	N/A	List Price Mo...
			LK19	LSSUH	N/A	List Price Mo...
			LK20	LSSUH	N/A	List Price Mo...
			LK21	LSSUH	N/A	List Price Mo...
			LK22	LSSUH	N/A	List Price Mo...
			LK23	LSSUH	N/A	List Price Mo...
			LK24	LSSUH	N/A	List Price Mo...
			LK25	LSSUH	N/A	List Price Mo...
			LK26	LSSUH	N/A	List Price Mo...
			LK27	LSSUH	N/A	List Price Mo...
			LK28	LSSUH	N/A	List Price Mo...
			LK29	LSSUH	N/A	List Price Mo...
			LK30	LSSUH	N/A	List Price Mo...
			LK31	LSSUH	N/A	List Price Mo...
			LK32	LSSUH	N/A	List Price Mo...
			LK33	LSSUH	N/A	List Price Mo...
			LK34	LSSUH	N/A	List Price Mo...
			LK35	LSSUH	N/A	List Price Mo...
			LK36	LSSUH	N/A	List Price Mo...
			LK37	LSSUH	N/A	List Price Mo...
			LK38	LSSUH	N/A	List Price Mo...
			LK39	LSSUH	N/A	List Price Mo...
			LK40	LSSUH	N/A	List Price Mo...
			LK41	LSSUH	N/A	List Price Mo...
			LK42	LSSUH	N/A	List Price Mo...
			LK43	LSSUH	N/A	List Price Mo...
			LK44	LSSUH	N/A	List Price Mo...
			LK45	LSSUH	N/A	List Price Mo...
			LK46	LSSUH	N/A	List Price Mo...
			LK47	LSSUH	N/A	List Price Mo...
			LK48	LSSUH	N/A	List Price Mo...
			LK49	LSSUH	N/A	List Price Mo...
			LK50	LSSUH	N/A	List Price Mo...
			LK51	LSSUH	N/A	List Price Mo...
			LK52	LSSUH	N/A	List Price Mo...
			LK53	LSSUH	N/A	List Price Mo...
			LK54	LSSUH	N/A	List Price Mo...
			LK55	LSSUH	N/A	List Price Mo...
			LK56	LSSUH	N/A	List Price Mo...
			LK57	LSSUH	N/A	List Price Mo...
			LK58	LSSUH	N/A	List Price Mo...
			LK59	LSSUH	N/A	List Price Mo...
			LK60	LSSUH	N/A	List Price Mo...
			LK61	LSSUH	N/A	List Price Mo...
			LK62	LSSUH	N/A	List Price Mo...
			LK63	LSSUH	N/A	List Price Mo...
			LK64	LSSUH	N/A	List Price Mo...
			LK65	LSSUH	N/A	List Price Mo...
			LK66	LSSUH	N/A	List Price Mo...
			LK67	LSSUH	N/A	List Price Mo...
			LK68	LSSUH	N/A	List Price Mo...
			LK69	LSSUH	N/A	List Price Mo...
			LK70	LSSUH	N/A	List Price Mo...
			LK71	LSSUH	N/A	List Price Mo...
			LK72	LSSUH	N/A	List Price Mo...
			LK73	LSSUH	N/A	List Price Mo...
			LK74	LSSUH	N/A	List Price Mo...
			LK75	LSSUH	N/A	List Price Mo...
			LK76	LSSUH	N/A	List Price Mo...
			LK77	LSSUH	N/A	List Price Mo...
			LK78	LSSUH	N/A	List Price Mo...
			LK79	LSSUH	N/A	List Price Mo...
			LK80	LSSUH	N/A	List Price Mo...
			LK81	LSSUH	N/A	List Price Mo...
			LK82	LSSUH	N/A	List Price Mo...
			LK83	LSSUH	N/A	List Price Mo...
			LK84	LSSUH	N/A	List Price Mo...
			LK85	LSSUH	N/A	List Price Mo...
			LK86	LSSUH	N/A	List Price Mo...
			LK87	LSSUH	N/A	List Price Mo...
			LK88	LSSUH	N/A	List Price Mo...
			LK89	LSSUH	N/A	List Price Mo...
			LK90	LSSUH	N/A	List Price Mo...
			LK91	LSSUH	N/A	List Price Mo...
			LK92	LSSUH	N/A	List Price Mo...
			LK93	LSSUH	N/A	List Price Mo...
			LK94	LSSUH	N/A	List Price Mo...
			LK95	LSSUH	N/A	List Price Mo...
			LK96	LSSUH	N/A	List Price Mo...
			LK97	LSSUH	N/A	List Price Mo...
			LK98	LSSUH	N/A	List Price Mo...
			LK99	LSSUH	N/A	List Price Mo...
			LK100	LSSUH	N/A	List Price Mo...

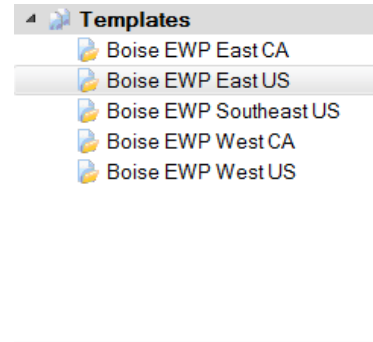
Click **File** Setup **Manage Job Defaults**

Click Job Settings > Design > Connector Design > SST Face Mount. Right click copy. Rename the Scheme Name.

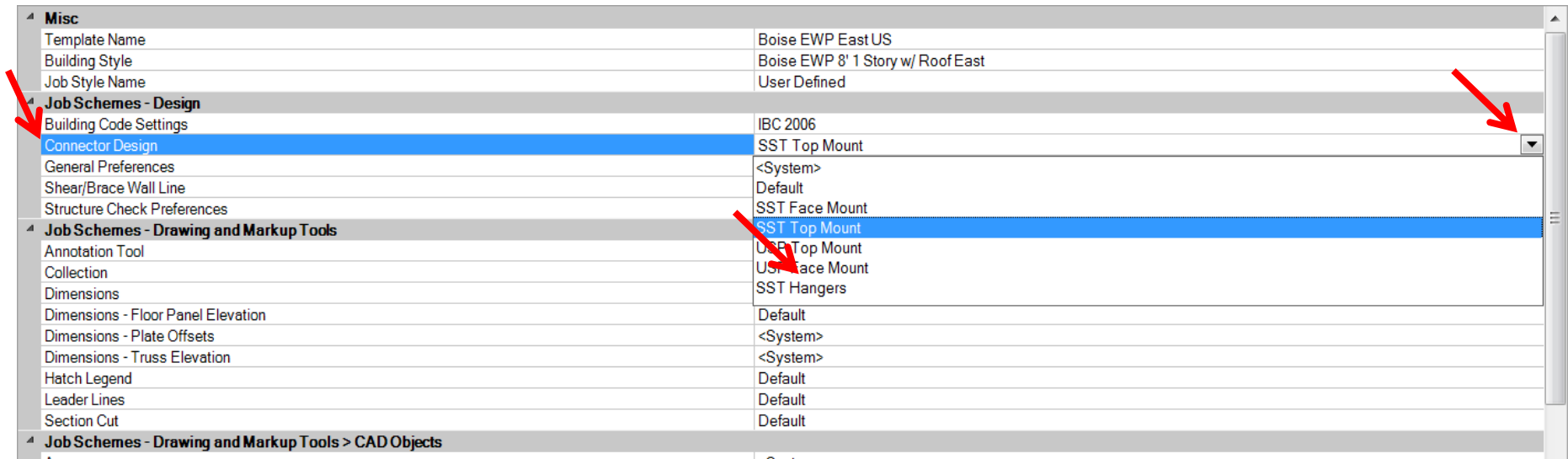
Click on Solution Preference Scheme and pick the Scheme that was created in the Library.



Go to Template, at the bottom left. Pick the Template that you want to apply your new hanger scheme to.



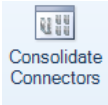
Click on Job Schemes – Design > Connector Design. Click the arrow on the right side. This will display all your available schemes. Pick the scheme that you just created. In this example it was the SST Hangers. Click OK.



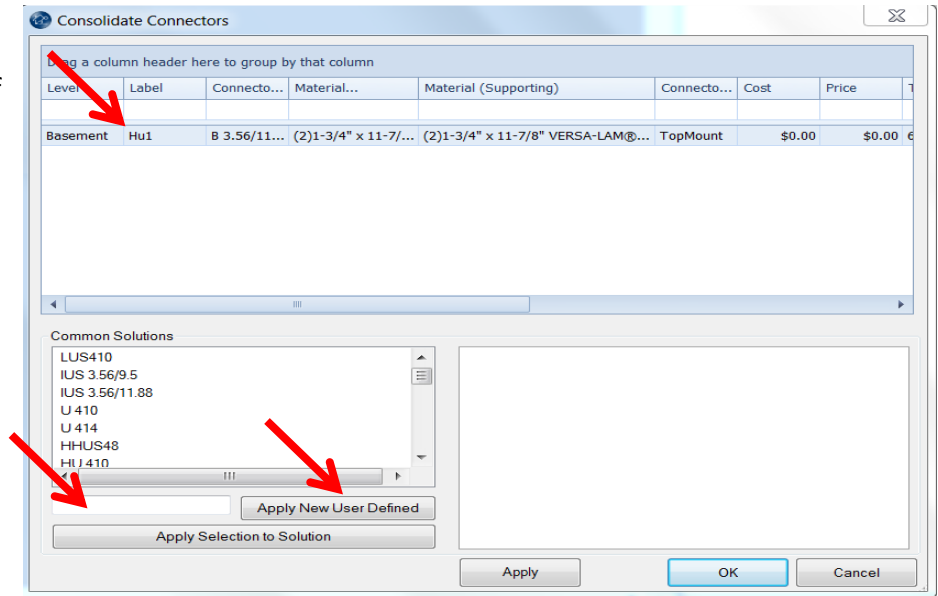
Now you have applied your hanger scheme to your template. For all new jobs that hanger scheme will be used when you click on Design Connectors.

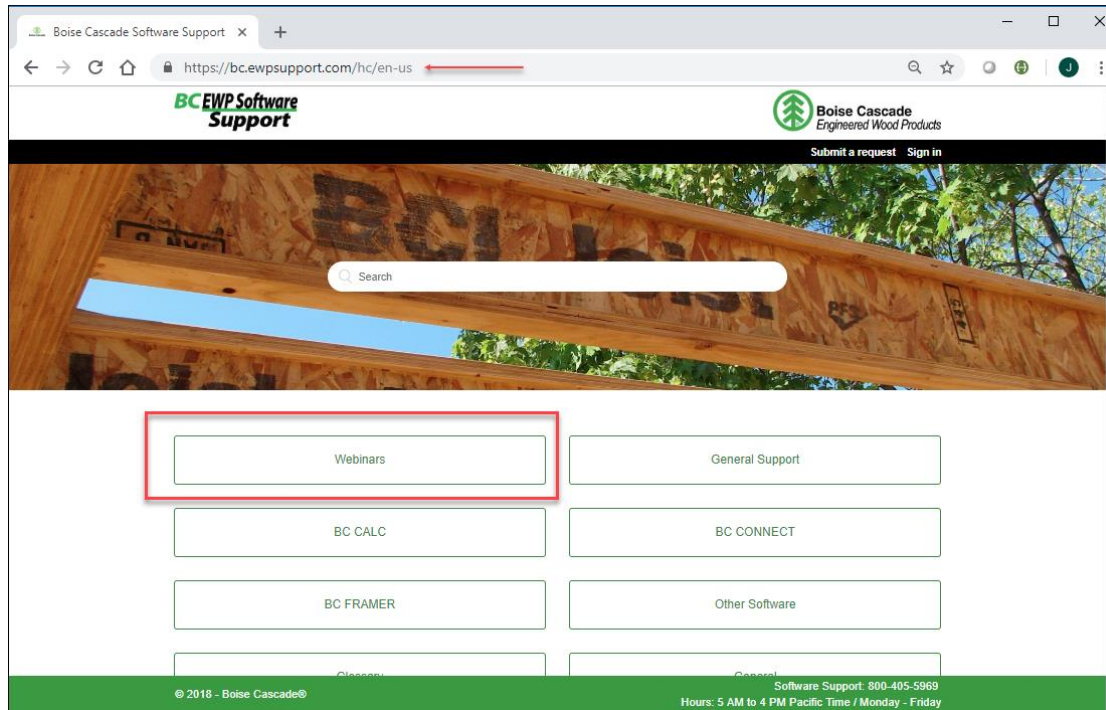


You are able to edit the hangers by clicking on the Consolidate Connectors icon.



From this properties box you can pick a different hanger or specify your own. Just type your hanger ID in the space just left of Apply New User Defined. Once you are finished typing your ID click on Apply New User Defined and it will change the hanger that you highlighted in the above list. When you are finished editing your hangers click OK.





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