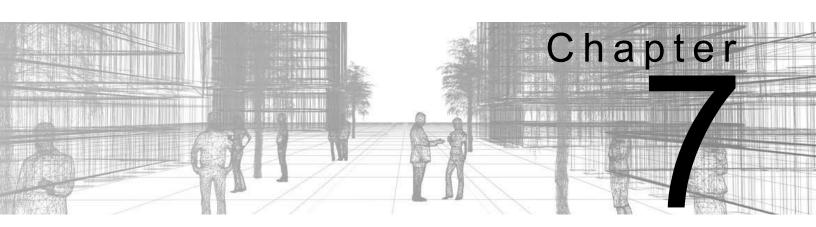
Autodesk Revit 2019 Structure Fundamentals



Better Textbooks. Lower Prices. www.SDCpublications.com

Visit the following websites to learn more about this book:





Structural Framing

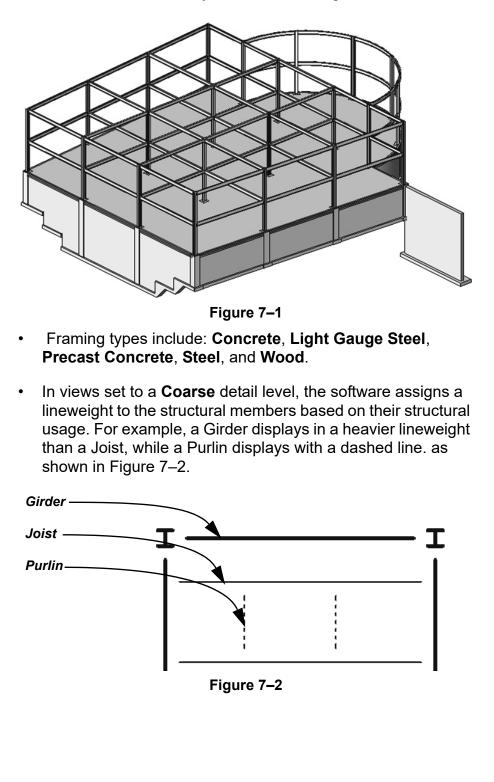
The skeleton of a building is its structural framing. Together, elements such as columns, beams, bracing, and trusses give buildings the stability they need. While the basic process of adding these elements to the project is simple, you also need to complete more complex tasks, such as manipulating connections (by setting bearing offsets, cantilevers, cut backs, and justifications), applying beam coping, and editing beam joins.

Learning Objectives in this Chapter

- · Sketch individual beams for girders connecting columns and structural walls.
- Create Beam Systems of multiple similar sized beams spaced at equal intervals to speed up adding joists.
- · Add Bracing to support the integrity of other framing members.
- Make changes to framing members so that the connections fit the exact situation.
- Add trusses to support long spans of open space.

7.1 Modeling Structural Framing

The Autodesk[®] Revit[®] software enables you to frame a building with wood, concrete, and steel framing and bracing, such as the steel example shown in Figure 7–1. You can add individual beams, as well as beam systems and bracing elements.



How To: Add Beams

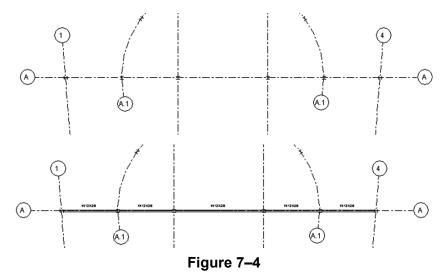
- In the *Structure* tab>Structure panel, click (Beam).
 In the Type Selector, select a beam type.
- 3. In the Options Bar, specify the options, as shown in Figure 7–3 and described below.

Modify Place Beam	Placement Plane:	Level : Level	2 🔻	Structural Usage:	<automatic></automatic>	3D Snapping	🔳 Chain
Properties		×			<automatic></automatic>		
					Girder		
W Shapes					Horizontal Bracing Joist		
W12X26		•			Other		
					Purlin		
New Structural Framing (<	Automatic> 👻 ি	Edit Type					
Constraints		* *					
Reference Level							
Geometric Position		*					
Start Extension	0'0"						
End Extension	0' 0"						
_				Fi	igure 7–3		
		• Pla	aceme	ent Plane: Defa	aults to the cur	rent level if yo	ou are in
					e modified to of	•	
					ect a type (as s of <automatic< b="">></automatic<>		re 7–3),
			-		this if you wan		aam
			-		•		Jann
		fro	m one	e point to anot	her at different	heights.	
		• Ch	ain: S	Select this if vo	ou want to draw	/ a series of b	eams in
					ommand and s		
							, nam,
		pre	ess <e< td=""><td>sc> once.</td><td></td><td></td><td></td></e<>	sc> once.			
		l. For au	Itomat	ic tagging, in	the Modify Pl	<i>ace Beam</i> tab	ɔ>Tag
				rî)			
		panel	click	^[1] (Tag on F	Placement).		
	5				<i>m</i> tab>Draw pa	anel, use the	Draw
				v the beams.			
		100151	0 ulav				
			· Ada	1 Multinla B	Beams on G	rid Linos	
	•		. Aut				
	1			am command outlined above	l and specify th e.	ie type and o	ther
						(- ₽ ₽
	2	2. In the Grids)	Modif	y Place Beal	<i>m</i> tab>Multiple	panel, click	^{∍#∔} (On

Columns must be in place to support the beams for this to work.

Beam Systems

 Select the grids where you want to locate the beams. A beam is placed between each grid intersection, as shown in Figure 7–4. Hold <Ctrl> to select more than one grid, or use a pick and drag window to select multiple grids at one time.



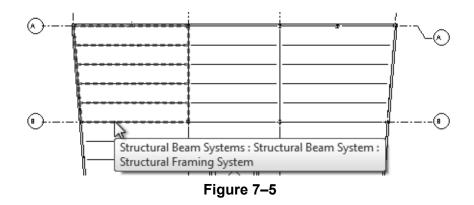
4. In the Modify | Place Beam>On Grid Line tab>Multiple panel,

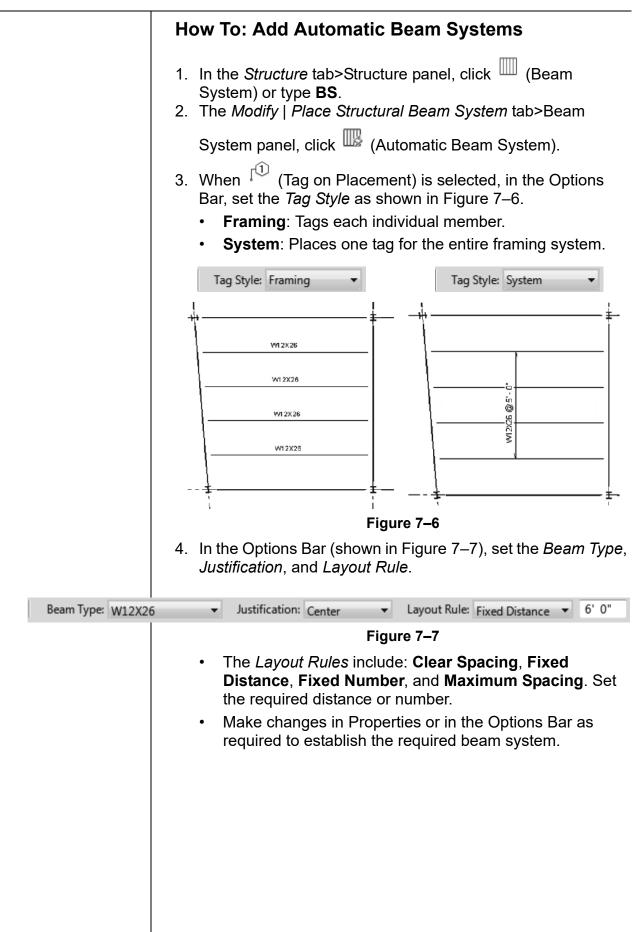


• Sometimes this can be the quickest way to add beams. If you need to use various sizes of beams, when you are finished, select those beams and make any changes in the Type Selector.

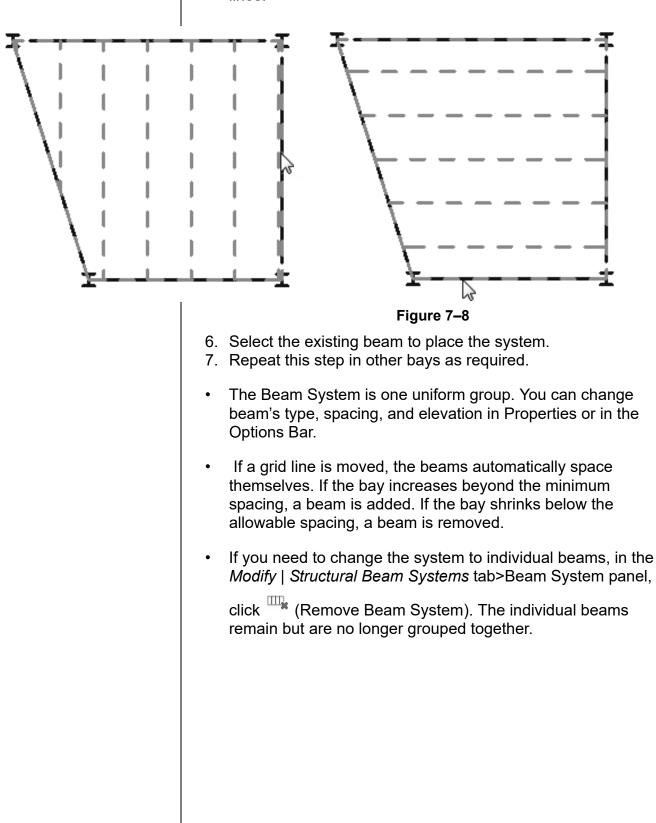
Beam Systems are layouts of parallel beams placed between other beams, as shown in Figure 7–5. Typically used in joist layouts, beam systems can be set up to use either a fixed distance or number of beams.

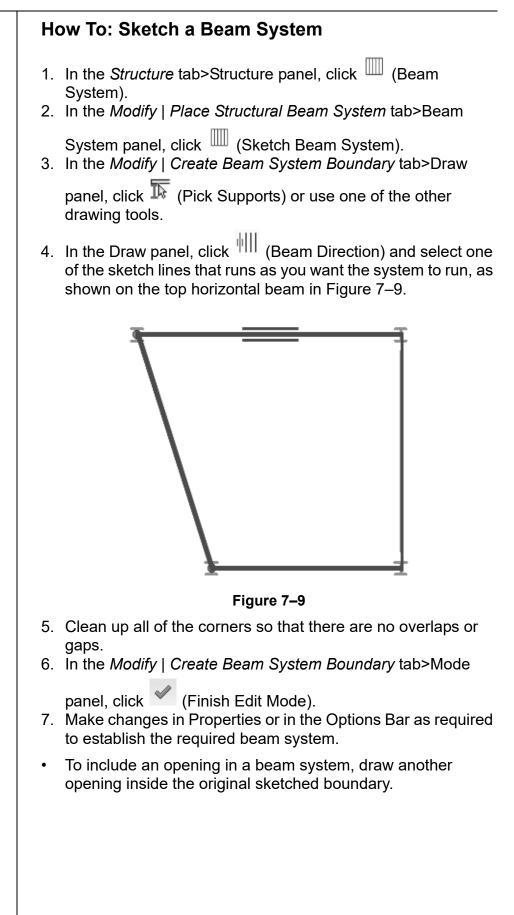
• Beam systems can be created automatically with sufficient bounding elements (other beams). You can also sketch the boundary for a beam system.





5. Move the cursor over an existing beam until the guide lines display in the correct area and direction, as shown vertically and horizontally in Figure 7–8. This can also identify angled lines.





Adding Bracing

Braces automatically attach to other structural elements, such as beams, columns, and walls. They recognize typical snap points such as the end point of a column and the middle of a beam, as shown in Figure 7-10.

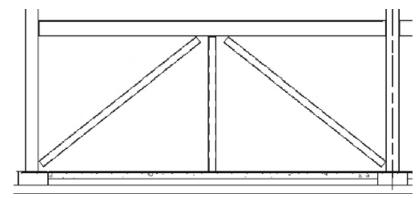
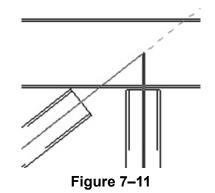


Figure 7–10

• Bracing can be added in plan view or, more typically, in a framing elevation view.

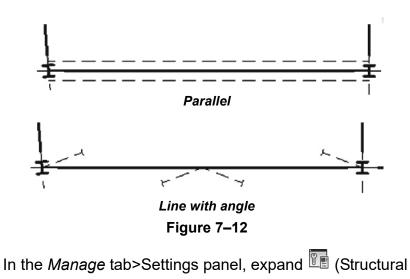
How To: Add Bracing

- 1. Create and open a framing elevation.
- 2. In the *Structure* tab>Structure panel, click \bowtie (Brace).
- 3. In the Type Selector, select a brace type.
- 4. Pick two points for the end points of the brace.
 - Work from the centerline of all of framing members so that the analytical line extends into the adjacent framing, even though the graphical member stops at the edge of the column or beam, as shown in Figure 7–11.



Cross Bracing Settings

In plan view, cross bracing needs to be displayed graphically, usually by hidden lines. The software has a separate setting that controls cross bracing as viewed in plan. These settings enable you to display bracing above, below, or both. The bracing can be displayed as parallel lines or as a line at an angle, as shown in Figure 7–12.



Settings) and click P (Structural Settings). In the Structural Settings dialog box, *in the Symbolic Representation Settings* tab, select the **Brace Symbol** options, as shown in Figure 7–13.

Parallel Line	
Parallel line offset:	
3/32"	
Show brace above	
Symbol:	
Connection-Brace-Parallel	
Show brace below	
Symbol:	
Connection-Brace-Parallel	

Figure 7–13

Hint: Copying Elements to Multiple Levels
Instead of drawing the same elements on each level, you can copy them to the clipboard and then paste them aligned to the other levels.
 Select the required elements. In the <i>Modify <contextual></contextual></i> tab>Clipboard panel, click
(Copy to Clipboard).
3. In the <i>Modify</i> tab>Clipboard panel, expand \square (Paste) and
 click (Aligned to Selected Levels). 4. In the Select Levels dialog box, as shown in Figure 7–14, select the levels to which you want to copy the beams.
Select Levels
00 GROUND FLOOR T.O. FOOTING
TOS-1ST FLOOR TOS-2ND FLOOR
TOS-3RD FLOOR TOS-4TH FLOOR
TOS-5TH FLOOR TOS-6TH FLOOR TOS-7TH FLOOR
TOS-8TH FLOOR TOS-9TH FLOOR
TOS-10TH FLOOR TOS-11TH FLOOR
TOS-12TH FLOOR TOS-13TH FLOOR
TOS-14 ROOF
OK Cancel
Figure 7–14
5. Click OK .
 This command is for copying model elements only. If you want to include tags or other annotation, use Paste>Aligned to Selected Views.

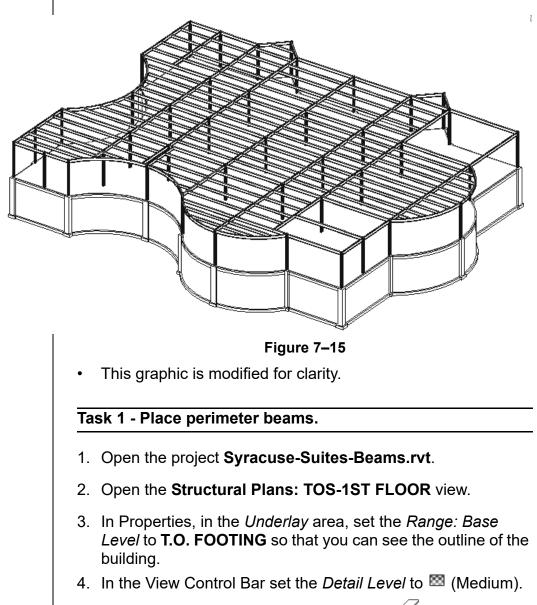
Practice 7a

Model Structural Framing

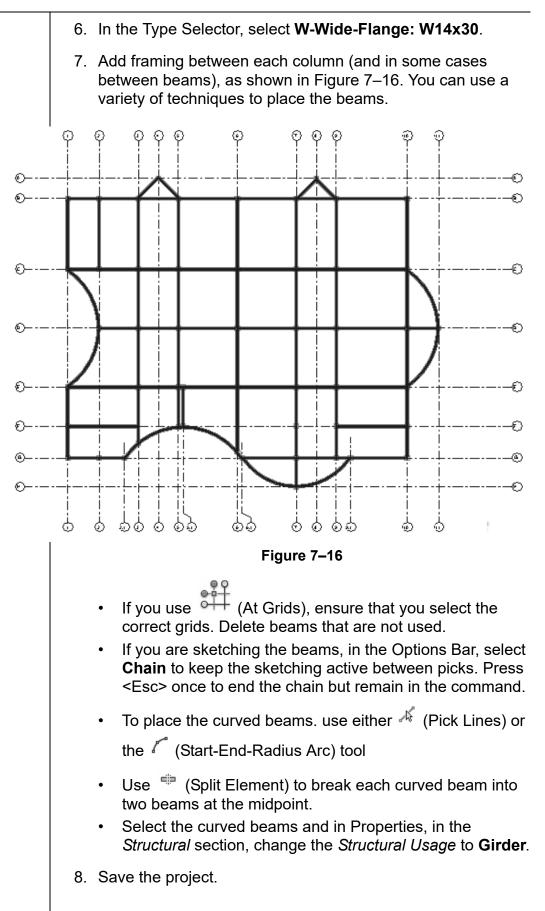
Practice Objectives

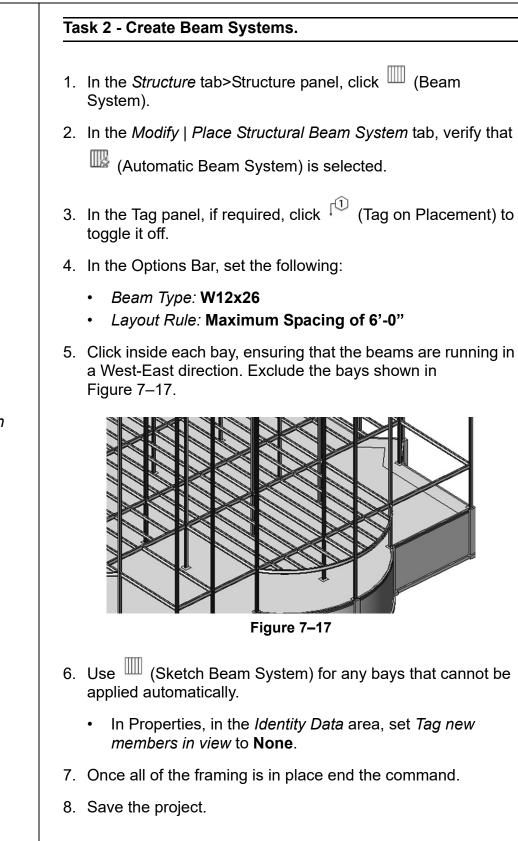
- Place beams and beam systems.
- Copy framing to additional levels.
- Create a framing elevation.
- Add bracing

In this practice, you will add framing for one floor of a building (as shown in Figure 7–15), and then copy and paste the framing to the levels above. You will then add bracing to one part of the structure.

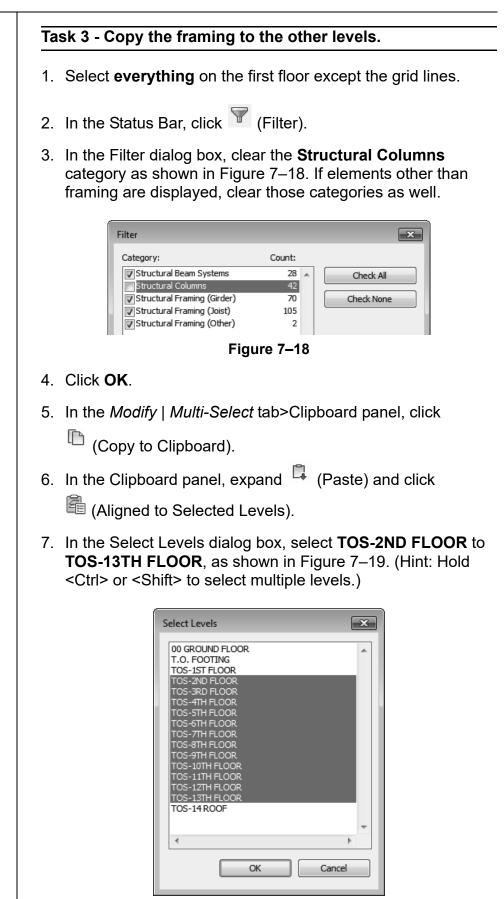


5. In the *Structure* tab>Structure panel, click $\frac{1}{2}$ (Beam).



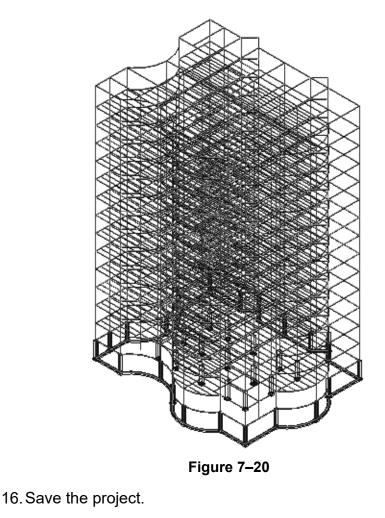


This graphic has been modified for clarity.

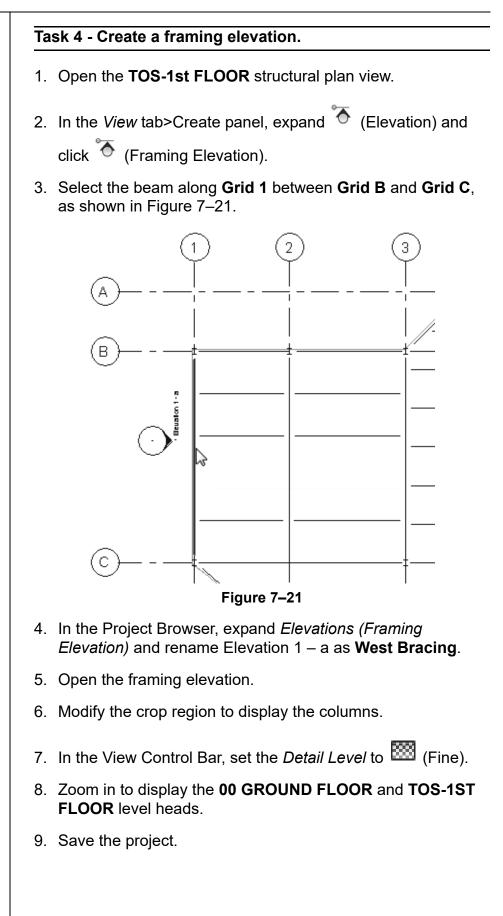


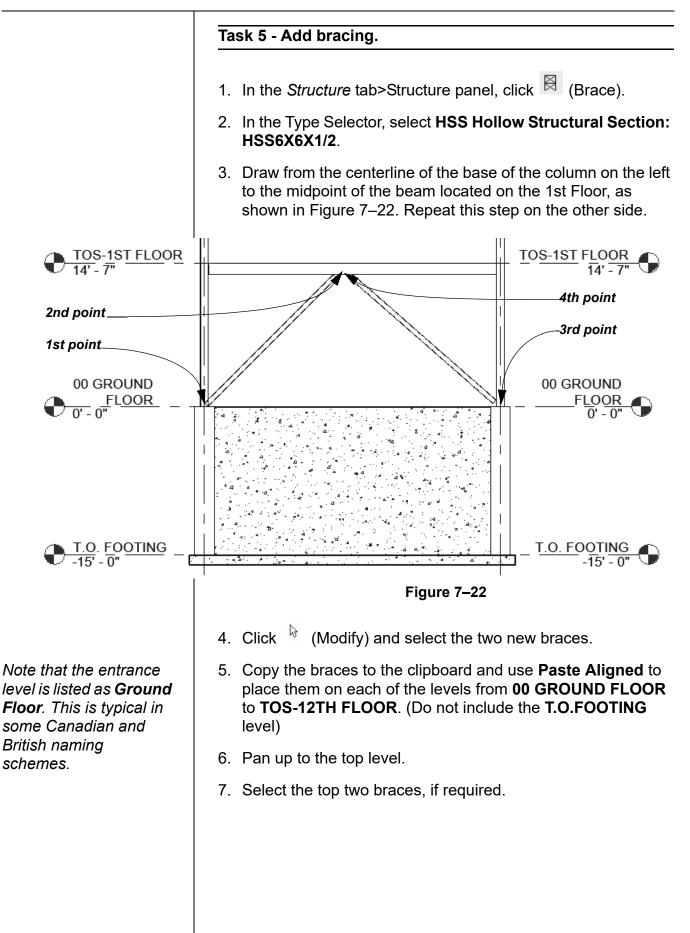


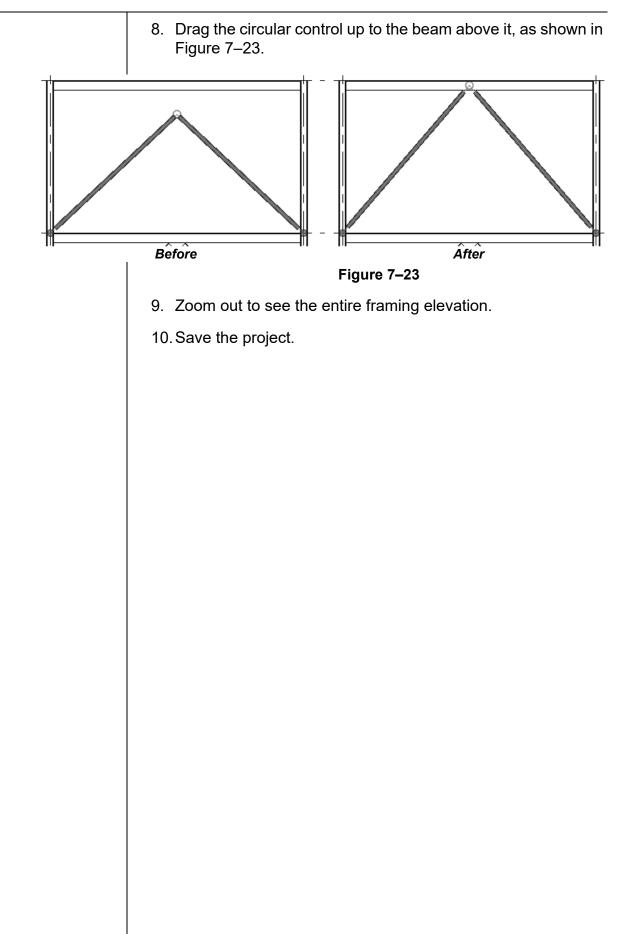
- 8. Click **OK**. This will take some time to process.
- 9. Open the Structural Plans: TOS-13TH FLOOR view.
- 10. Only the Girder beams of each bay are required on the roof level. With a crossing window, select everything and filter out everything but **Structural Framing (Girder)**.
- 11. Press <Ctrl> + C (the Copy to Clipboard shortcut).
- 12. In the Clipboard panel, expand 📮 (Paste) and click
 - (Aligned to Selected Levels).
- 13. In the Select Levels dialog box, select **TOS-14 ROOF** and click **OK**.
- 14. Open the **TOS-14 Roof** view and set the *Detail Level* to **Medium** so you can see the girder placement.
- 15. Open a 3D view to see the full model, as shown in Figure 7–20.



This graphic is shown at the Coarse detail level with **Show Analytical Model** on for clarity.

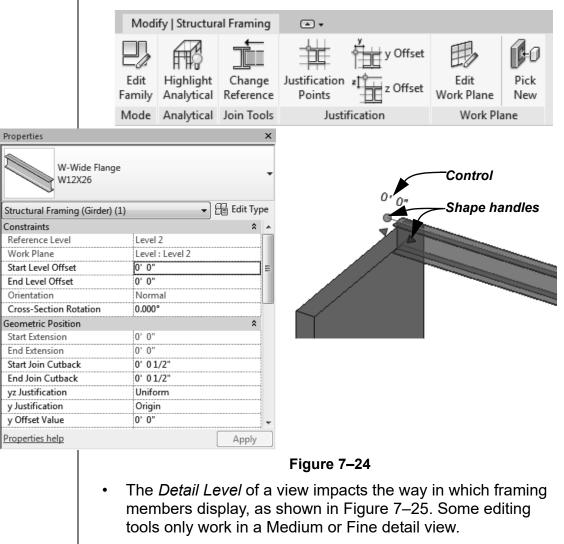


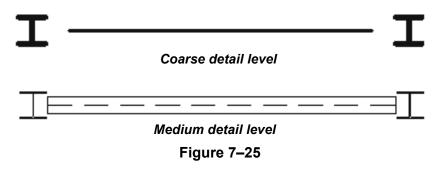


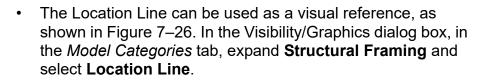


7.2 Modifying Structural Framing

The default connections of columns, beams, and braces might need to be modified to suit specific situations, such as when the beams are offset from their associated level, or cantilevered beyond a framing member. Modifications can be made by using graphical controls and shape handles, the Properties, or special tools found on the *Modify* | *Structural Framing* tab, as shown in Figure 7–24.

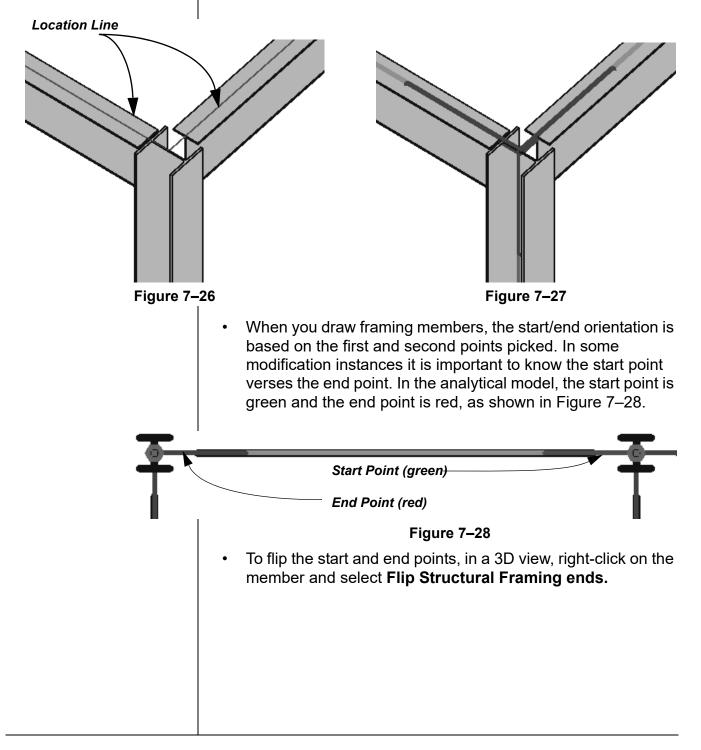






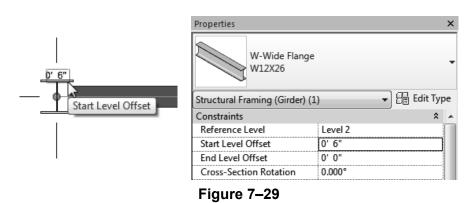
• Alternatively, you can view structural connections using Analytical Lines, as shown in Figure 7–27. In the View

Control Bar, click (Show/Hide Analytical Model) to toggle this on and off.

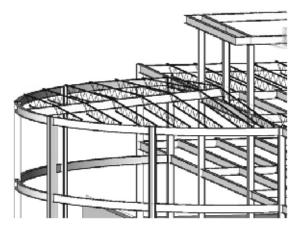


Sloping and Offsetting Beams

Beams can be modified to slope or offset from the level where they are placed. This can be done by using the *Start/End Level Offset* control, as shown on the left in Figure 7–29, or in Properties, as shown on the right in Figure 7–29.



• Setting the offset at only one end slopes the beam as shown in Figure 7–30.

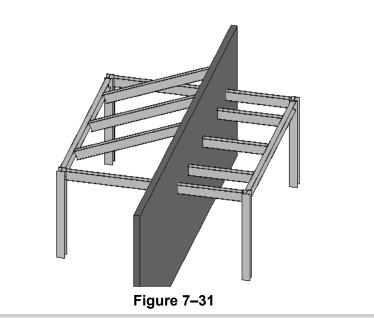




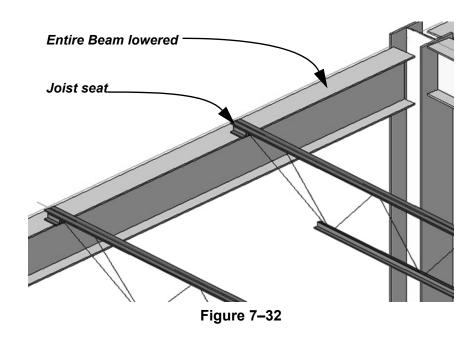
• The **Cross-Section Rotation** option rotates the beam along its axis at the angle specified in Properties.

Hint: Using 3D Snapping

When you draw beams, you can toggle on **3D Snapping** and then snap to other beams or structural walls of different heights. You can also do this with beam systems when you use the Automatic Beam System method. On the left in Figure 7–31, the **3D** and **Walls Define Slope** options are selected, while on the right, they are not.



 Setting the Start/End Level Offset the same at each end raises or lowers the entire beam. For example, when Wide Flange Beams are supporting Open Web Steel Joists (as shown in Figure 7–32), you need to offset that increment based on the specific joist's seat.



Adding Beam Cantilevers and Cutbacks

Use this method to extend joists for a fascia system, or in any situation in which a roof or slab extends past the main structure. It is common to need a joist extension that cantilevers a bearing member. In the example shown in Figure 7–33, the joist seat needs to extend past the beam it bears on to frame into a cantilevered ridge beam. By modifying the individual joists, you can extend either end to meet the requirements.

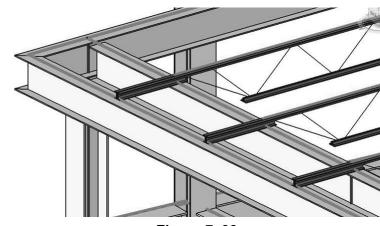
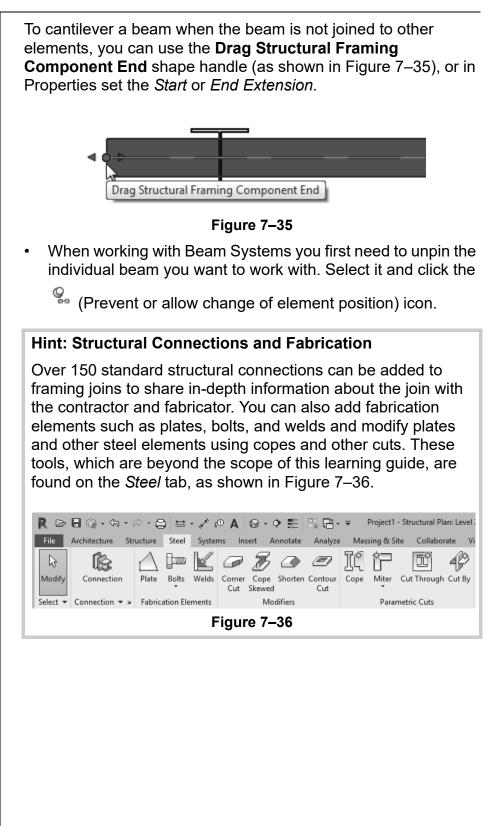


Figure 7–33

To cantilever or cutback a beam that is joined to other structural elements, use the shape handles to drag it to a new location, or set the *Start/End Join Cutback* in Properties, as shown in Figure 7–34,

Structural F handle	raming : W-Wide Flange : \	W12X26 : Shape
Properties		×
W-Wide Fla W12X26	inge	•
Structural Framing (Girde	er) (1) 🔹	Edit Type
Constraints	Constraints	
Geometric Position		*
Start Extension	0' 0"	
End Extension	0'0"	E
Start Join Cutback	0' 6"	
End Join Cutback	0' 01/2"	
vz Justification	Uniform	
	Figure 7–34	
e Cutbacks only disp	-	



Changing the Cutback

You can select more than one element to adjust as long as they are connected to the same reference. Another way to modify the join connection of structural framing is to change the cutback from the connected element. For example, the default cutback of the column shown in Figure 7–37 is the bounding box of the column, not the vertical support. You can change the reference to a more appropriate part of the framing.

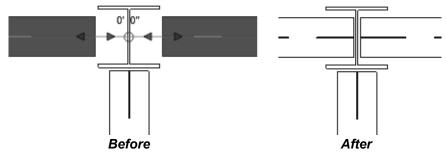
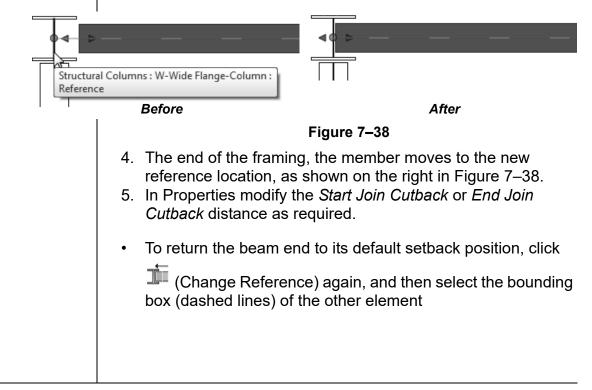


Figure 7–37

• You can changing the reference in 2D and 3D views if the *Display Level* is set to **Medium** or **Fine**.

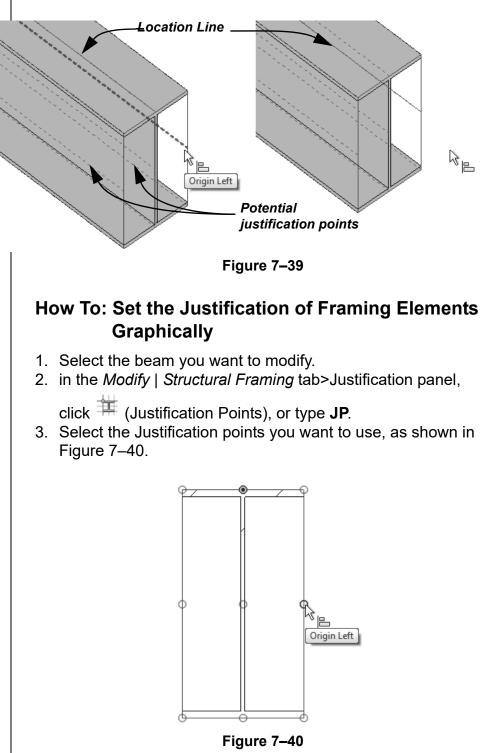
How To: Adjust the Cutback of Structural Framing

- 1. Select the structural framing member you want to modify.
- 2. In the *Modify* | *Structural Framing* tab>Join Tools panel, click
 - (Change Reference).
- 3. Select the reference point for alignment, as shown on the left in Figure 7–38. This can be another beam, a structural column, or a structural wall.



Changing Justifications

Another modification you can make to beams is to change their justification. You can set the horizontal (y) and vertical (z) justification points to one of nine different points, such as **Origin Left**, shown in Figure 7–39. The Location Line remains in place, with the framing element moved to the new justification. You can also change the offset from the justification point in either the **y** (left to right), or **z** (top to bottom) directions. Both of these options can be modified either graphically or through Properties.



© 2018, ASCENT - Center for Technical Knowledge®

- The location line does not change, but the framing element repositions to the selected justification point.
- You can also modify the Justification points using the y Justification and z Justification parameters in Properties, as shown in Figure 7–41.

Properties		
W-Wide Flar W12X26	nge	·
Structural Framing (Girde	r) (1) 🔻	Edit Type
Geometric Position		* *
Start Extension	0'0"	
End Extension	0' 0"	
Start Join Cutback	0' 0 1/2"	
yz Justification	Uniform	
y Justification	Left	
y Offset Value	0' 0"	
z Justification	Origin	R
z Offset Value	Origin	LS ≡
Materials and Finishes	Тор	
Structural	Center	
Dimensions	Bottom	

Figure 7–41

How To: Change the Justification Offset Graphically

- 1. Select the structural framing element.
- 2. In the *Modify* | *Structural Framing* tab>Justification panel:
 - Modify the horizontal offset and distance by clicking

(y Offset), or type **JY**.

Modify the vertical offset and distance by clicking

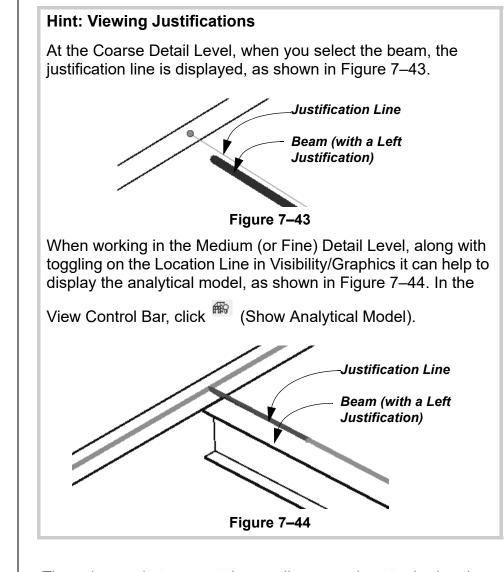
(z Offset), or type **JZ**.

- 3. Select the offset start point and then the offset end point.
- You can also modify the offset values in Properties by using the *y* Offset Value and *z* Offset Value.

The *yz Justification* can be set to **Uniform** (where the same justification offset is applied to both ends) or **Independent** (where the justification offset can be different for each end). When this is selected you can set both the *Start y* (or *z*) *Offset Value* and the *End y* (or *z*) *Offset Values* in Properties, as shown in Figure 7–42.

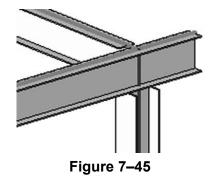
0' 0"
0 0
0' 0"
Independent
Origin
0' 0"
Тор
0' 0"
Origin
0' 0"
Тор
0' 0"

Figure 7–42



Attaching a Column to a Beam

The columns that support the cantilever can be attached to the bottom of the framing member, as shown in Figure 7–45. This removes the need to estimate the actual bearing depth of the framing member, and ensures that the column always remains connected to the beam.



How To: Attach a Column to the Bottom of a Beam

- 1. Select a column.
- 2. In the *Modify Structural Columns* tab>Modify Column panel,

click (Attach Top/Base).

- 3. In the Options Bar, set the options as required. If you need to add a bearing plate, set the *Offset from Attachment* value.
- 4. Select the beam that the column will attach to.
- You can also use this command to attach the base of a beam to structural footings. When the footing moves in height, the length of the column resizes to match.

Applying Beam Coping

When one beam connects with another beam you might need to modify the connection. In the example shown in Figure 7–46, the lower joist-bearing beam runs into the perimeter beam. This is a coping situation.

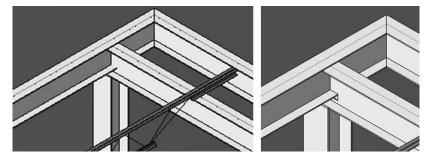


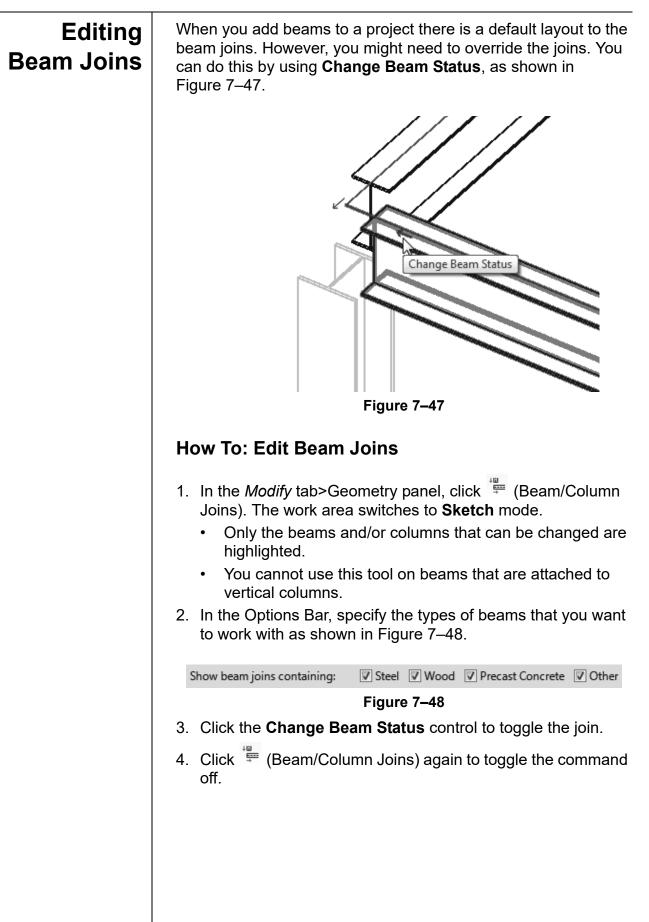
Figure 7–46

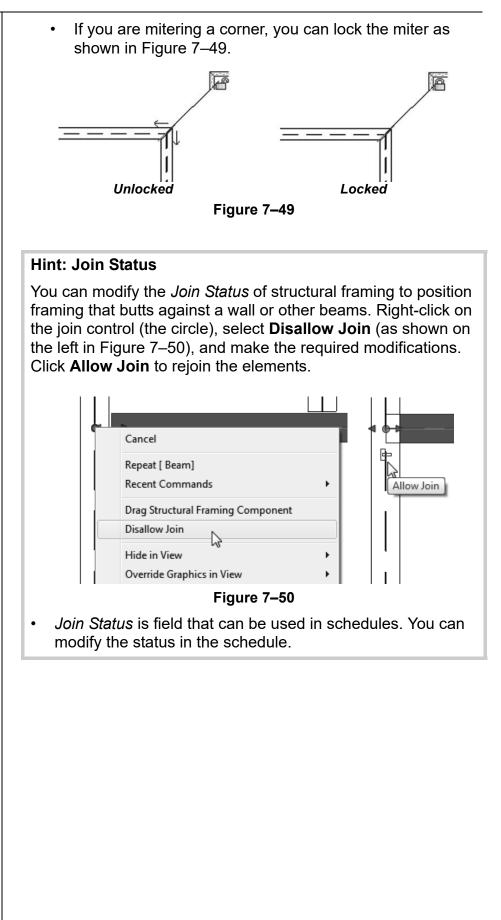
How To: Cope Beams

- 1. Open a 3D view, section, or detail view.
- 2. Zoom in to a beam to beam (or beam to column) connection.
- 3. In the *Modify* tab>Geometry panel, expand [™] (Cope) and

select 🧏 (Apply Coping).

- 4. Select the beam to be coped first followed by the column/beam from which to cut. The cope is then completed.
 - You can change the *Coping Distance* setting in Properties.





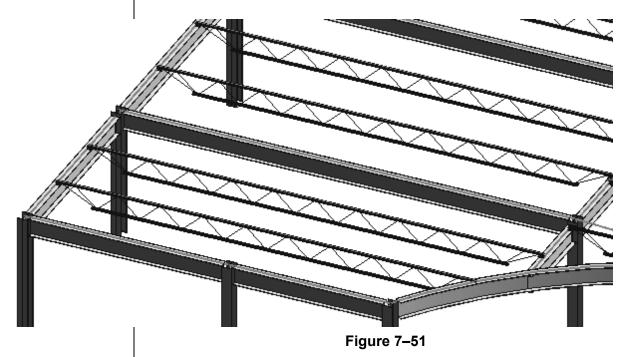
Practice 7b

Modify Structural Framing

Practice Objectives

- Modify beam level offsets.
- Sketch Beam Systems.

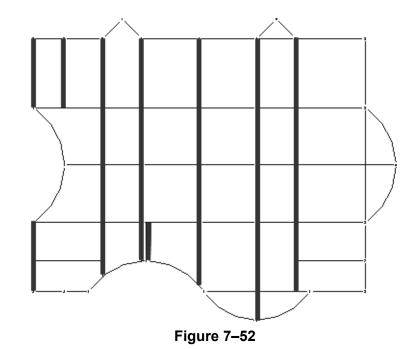
In this practice, you will modify beam level offsets for correct joist bearing and add beam systems using the automatic method where you can and sketch beam systems in areas where they cannot be automatically placed, as shown in Figure 7–51.



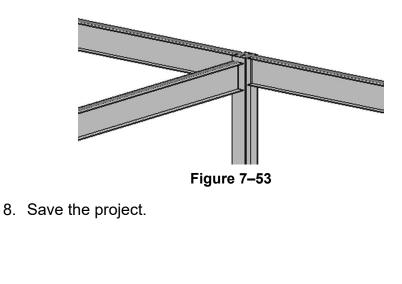
Task 1 - Modify beam level offsets.

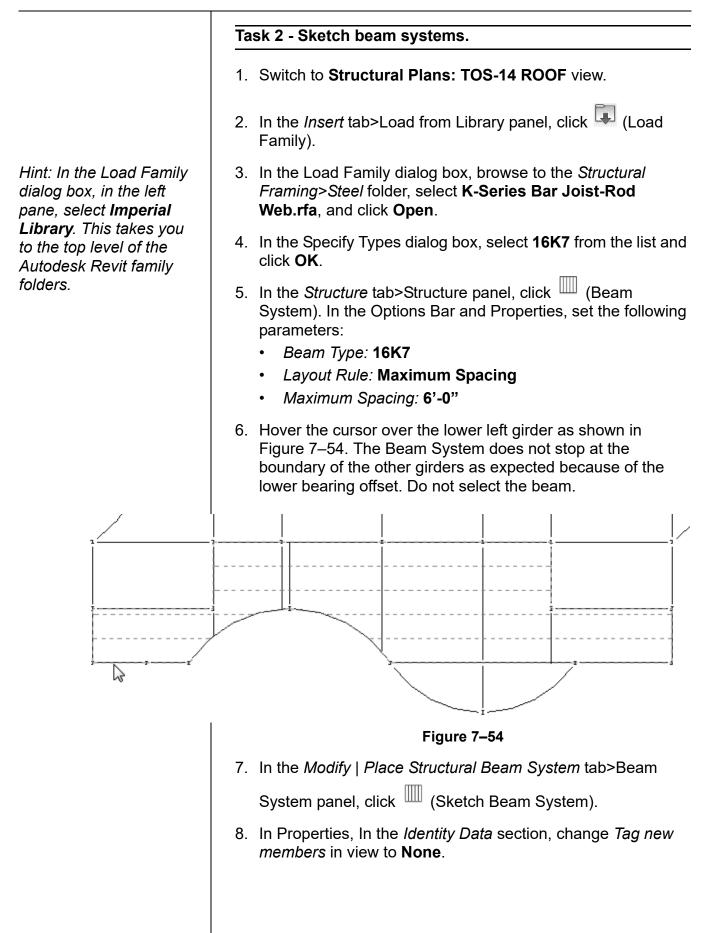
- 1. Open Syracuse-Suites-Framing.rvt.
- 2. Open the Structural Plans: TOS-14 ROOF view.
- 3. Hide the grids.

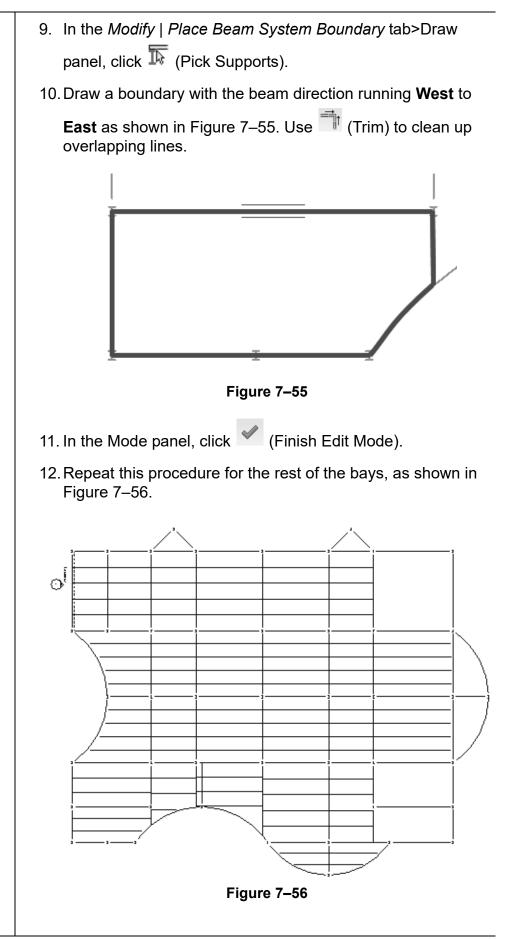
If you selected bracing element, you need to filter them out. 4. For this level you need to lower the perimeter beams of each bay in the North-South direction for the joist bearing. Select all of the vertical beams in the plan, excluding the beams along the far right, as shown in Figure 7–52.



- 5. In Properties, change the *Start Level* and *End Level Offsets* to (negative) **-2 1/2**".
- 6. Click Apply.
- 7. Open a 3D view and zoom in on one of the top floor intersections. The North-South girders should be displayed below the East-West girders as shown in Figure 7–53.







Use (Automatic Beam System) where you can. If you have trouble placing the joists because of the bearing

offset, use 📖 (Sketch Beam System).

If the error shown in Figure 7–57 opens, the space for the joist might be too small to be created by the **Beam** System command. Click **Delete Type**. You can add a beam separately as required.

Error - cannot be ignored			
Can't make type "K-Series	Bar Joist-Rod Web : 16K7*.		*
			-
	Show Mo	re Info Expan	d >>
Delete Type			ancel

Figure 7–57

13. Save the project.

Errors such as this occur, so you should not neglect potential problems. They are an important part of using the BIM model process.

7.3 Adding Trusses

A truss can be added to a project using the same basic method as placing a beam. Trusses are typically comprised of one or more triangular sections, as shown in Figure 7–58. These sections are constructed with structural members whose ends are connected at joints, which are referred to as nodes. As various forces act on these nodes, the triangular shape provides structural stability to prevent bending.

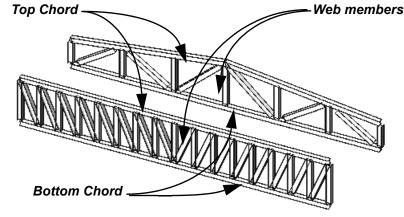


Figure 7–58

Truss elements include:

- Bottom Chord, the lower horizontal member.
- Top Chord, the upper horizontal member.
- Web, the series of structural framing elements that stabilize the truss.

The **Top** and **Bottom Chords** fulfill the same function as a beam's top and bottom flanges. The **Web** takes the place of the beam's continuous plate.

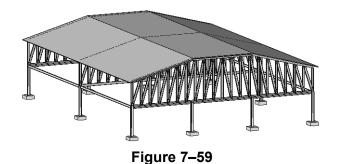
How To: Add Trusses

- 1. In the *Structure* tab>Structure panel click ^{IMI} (Structural Trusses).
- 2. In the Type Selector, select the type of truss you want to use
 - Click (Load Family) and navigate to the *Structural Trusses* folder to add families to the project.
- 3. In the *Modify* | *Place Truss* tab>Draw panel, click </ (Line) or

/ (Pick Lines) and add the trusses to the project.

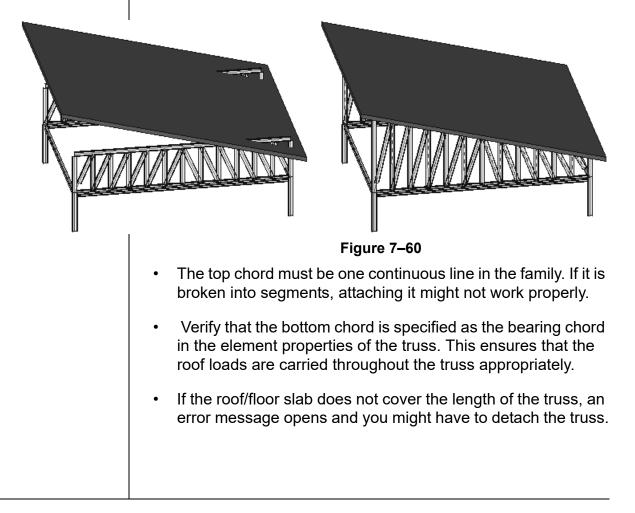
Attaching Trusses to Roofs

Trusses can be attached to roofs or floor slabs. They can also follow the slope of the roof and automatically extend to fit, as shown in Figure 7–59.



How To: Attach Trusses to Roofs

- 1. In the *Modify* | *Structural Trusses* tab>Modify Truss panel,
 - click ^t (Attach Top/Bottom).
- 2. In the Options Bar, set Attach Trusses to Top or Bottom.
- Select the roof or floor element. The truss attaches to the element and follows the angle or slope, as shown in Figure 7–60.

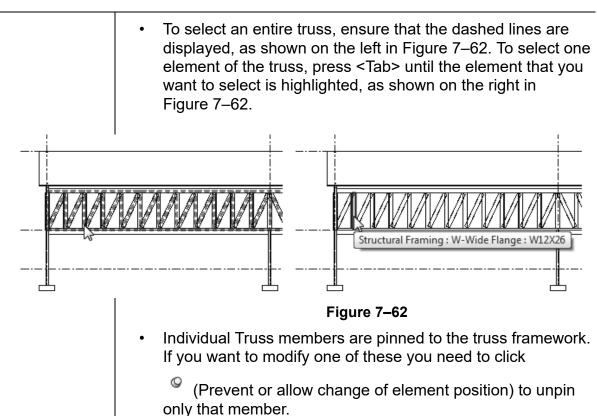


Setting Framing Types in Trusses

When truss families are created they can include structural framing members for the chords and webs. However, they often just use default members. Therefore, you need to specify the precise framing types you want to use in the project.

In the Type Properties dialog box, select the **Structural Framing Type** from a list of families loaded into the project, as shown in Figure 7–61. Set the *Structural Framing Type* for the **Top Chords, Vertical Webs, Diagonal Webs**, and **Bottom Chords**.

e Propertie	S		
Family:	Howe Flat Truss	•	Load
Type:	Standard	•	Duplicate
			Rename
Type Parame	ters		
	Parameter	Valu	Je
Top Chord	ls		\$
Analytical	Vertical Projection	Center of Beam	
	Framing Type	W-Wide Flange:W1	2X26 🖵
Start Relea	se	W-Wide Flange:W12	2X26
End Releas	e	W-Wide Flange:W16	
Angle		W-Wide Flange:W14	
Vertical W	/_L_	W-Wide Flange:W8)	
		Concrete-Rectangu	
	Framing Type	Concrete-Rectangu	Iar Beam:12 X 24
Start Relea			
End Releas	e	Pinned	
Angle		0.000°	
Diagonal V	Vebs		*
Structural	Framing Type	W-Wide Flange:W1	2X26
Start Relea		Pinned	
End Releas	e	Pinned	
Angle		0.000°	
Bottom C	hords		*
	Vertical Projection	Center of Beam	
	Framing Type	W-Wide Flange:W1	2X26
<< Previe	ew OK	Cancel	Apply
	Fic	jure 7–61	



• You can rotate Trusses. and specify if the chords rotate with the truss. In Properties, type in a *Rotation Angle* and select or clear *Rotate Chords with Truss,* as shown in Figure 7–63.

Properties	×
Howe Flat Truss Standard	•
Structural Trusses (1)	e
Structural *	*
Create Top Chord 🛛	
Create Bottom Chord	
Bearing Chord Bottom	1
Rotation Angle 20.000°	
Rotate Chords With Truss	
Bearing Vertical Justifica Center	Ξ
Stick Symbol Location Bearing Chord	

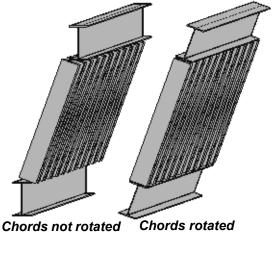


Figure 7–63

Practice 7c

Add Trusses

Practice Objectives

- Set up a truss type.
- Add trusses to a project.
- Attach trusses to a roof.

In this practice, you will setup a truss using specific structural framing types for the chords and webs. You will then draw a truss and array it across an open span. Finally, you will attach the trusses to an existing roof element, as shown in Figure 7–64.

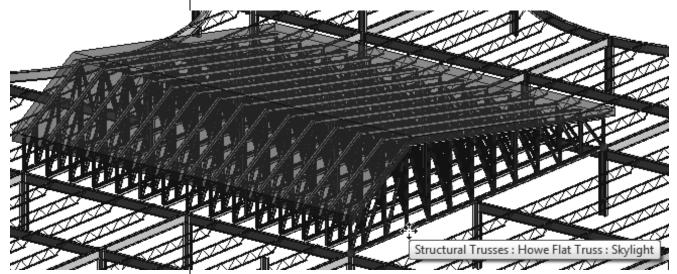


Figure 7–64

Task 1 - Set up a Truss Type

- 1. Open Syracuse-Suites-Trusses.rvt.
- 2. In the *Structure* tab>Structure panel, click \overline{M} (Truss).
- 3. In the Type Selector, select **Howe Flat Truss: Standard** and click 🛱 (Edit Type).
- 4. In the Type Properties dialog box, click Duplicate.
- 5. In the Name dialog box, type **Skylight**, and click **OK**.

| Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords *
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
Angle 0.000°
Vertical Webs *
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs *
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pin | Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs \$
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs \$
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000° | Type: Skylight Duplicate
Parameters Parameter Value Top Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Type: Skylight Duplicate
Type Parameters Type Parameters Parameter Value Top Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Biagonal Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Batt Release <t< th=""><th>Type: Skylight Duplicate.
Rename.
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°</th><th>ype: Skylight Duplicate
Parameters Parameters Parameter Value Top Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Type: Skylight Duplicate
Type Parameters Type Parameters Rename Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Biagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned <t< th=""><th>Type: Skylight Duplicate Rename Type Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate Type Parameters Rename Type Parameters Value Top Chords Structural Projection Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle Duplicate Diplicate Start Release Pinned Duplicate Start Release Pinned Angle 0.000° Diplicate Diplicate Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate Type Parameters Rename Type Parameters Value Top Chords Structural Praming Type Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate Type Parameters Rename Type Parameters Value Top Chords Structural Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned Angle UDouble Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Type: Skylight Duplicate.
Rename.
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°</th><th>ype: Skylight Duplicate.
Rename
ype Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical
Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>ype: Skylight Duplicate.
Parameters Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>ype: Skylight Duplicate.
Rename.
ype Parameters
Parameter Value
Fop Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°</th><th>Type: Skylight Duplicate.
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate. Type Parameters Rename Type Parameters Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate Rename. Rename Type Parameters Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs ELL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ELL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>ype: Skylight Duplicate rype Parameters Rename 'ype Parameters Value Top Chords Xanalytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Xant Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Xant Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Xant Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Fype: Skylight Duplicate. Fype Parameters Rename Fype Parameters Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Defined Duplicate. Start Release Pinned Angle 0.000° Start Release Pinned Start Release Pinned <</th><th>Type: Skylight Duplicate Rename Type Parameters Parameter Value Top Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Fype: Skylight Duplicate Rename Rename Fype Parameters Value Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°
Diagonal Webs \$
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°</th><th>Type: Skylight Duplicate Rename Rename Type Parameters Value Top Chords Xalue Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Xalue Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Xalue Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Xalue Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release
Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°</th><th>be: Skylight Duplicate
Rename
De Parameters
Parameter Value
Parameter Value
De Pords
nalytical Vertical Projection Center of Beam
ructural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Pinned
ngle 0.000°
ertical Webs
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000°
ertical Webs
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000°
iagonal Webs
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000°</th><th>ype: Skylight Duplicate Rename ype Parameters Parameter Value Top Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned O.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned D.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Pinned</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned</th><th>ype: Skylight Duplicate Rename Rename ype Parameters Value Top Chords Structural Projection Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate.
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°</th><th>Skylight Duplicate. Rename Rename arameters Value Chords Value tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned celease Pinned cal Webs 0.000° cal Webs UL-Double Angle:2L3X2-1/2X1/2LL Release Pinned celease Pinned c</th><th>Type: Skylight Duplicate. Rename. Type Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Pinned</th></t<></th></t<> | Type: Skylight Duplicate.
Rename.
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000° | ype: Skylight Duplicate
Parameters Parameters Parameter Value Top Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Type: Skylight Duplicate
Type Parameters Type Parameters Rename Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Biagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned <t< th=""><th>Type: Skylight Duplicate Rename Type Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate Type Parameters Rename Type Parameters Value Top Chords Structural Projection Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle Duplicate Diplicate Start Release Pinned Duplicate Start Release Pinned Angle 0.000° Diplicate Diplicate Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate Type Parameters Rename Type Parameters Value Top Chords Structural Praming Type Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate Type Parameters Rename Type Parameters Value Top Chords Structural Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Angle
0.000° Diagonal Webs Structural Framing Type Start Release Pinned Angle UDouble Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Type: Skylight Duplicate.
Rename.
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°</th><th>ype: Skylight Duplicate.
Rename
ype Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>ype: Skylight Duplicate.
Parameters Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>ype: Skylight Duplicate.
Rename.
ype Parameters
Parameter Value
Fop Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°</th><th>Type: Skylight Duplicate.
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate. Type Parameters Rename Type Parameters Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate Rename. Rename Type Parameters Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs ELL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ELL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>ype: Skylight Duplicate rype Parameters Rename 'ype Parameters Value Top Chords Xanalytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Xant Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Xant Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Xant Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Fype: Skylight Duplicate. Fype Parameters Rename Fype Parameters Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Defined Duplicate. Start Release Pinned Angle 0.000° Start Release Pinned Start Release Pinned <</th><th>Type: Skylight Duplicate Rename Type Parameters Parameter Value Top Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Fype: Skylight Duplicate Rename Rename Fype Parameters Value Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°
Diagonal Webs \$
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°</th><th>Type: Skylight Duplicate Rename Rename Type Parameters Value Top Chords Xalue Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Xalue Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Xalue Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Xalue Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start
Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°</th><th>be: Skylight Duplicate
Rename
De Parameters
Parameter Value
Parameter Value
De Pords
nalytical Vertical Projection Center of Beam
ructural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Pinned
ngle 0.000°
ertical Webs
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000°
ertical Webs
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000°
iagonal Webs
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000°</th><th>ype: Skylight Duplicate Rename ype Parameters Parameter Value Top Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned O.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned D.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Pinned</th><th>Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned</th><th>ype: Skylight Duplicate Rename Rename ype Parameters Value Top Chords Structural Projection Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type: Skylight Duplicate.
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°</th><th>Skylight Duplicate. Rename Rename arameters Value Chords Value tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned celease Pinned cal Webs 0.000° cal Webs UL-Double Angle:2L3X2-1/2X1/2LL Release Pinned celease Pinned c</th><th>Type: Skylight Duplicate. Rename. Type Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Pinned</th></t<> | Type: Skylight Duplicate Rename Type Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Type: Skylight Duplicate Type Parameters Rename Type Parameters Value Top Chords Structural Projection Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle Duplicate Diplicate Start Release Pinned Duplicate Start Release Pinned Angle 0.000° Diplicate Diplicate Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Type: Skylight Duplicate Type Parameters Rename Type Parameters Value Top Chords Structural Praming Type Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Type: Skylight Duplicate Type Parameters Rename Type Parameters Value Top Chords Structural Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°
Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned Angle UDouble Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Type: Skylight Duplicate.
Rename.
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000° | ype: Skylight Duplicate.
Rename
ype Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | ype: Skylight Duplicate.
Parameters Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | ype: Skylight Duplicate.
Rename.
ype Parameters
Parameter Value
Fop Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°

 | Type: Skylight Duplicate.
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Type: Skylight Duplicate. Type Parameters Rename Type Parameters Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double
Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL
 | Type: Skylight Duplicate Rename. Rename Type Parameters Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs ELL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ELL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | ype: Skylight Duplicate rype Parameters Rename
 'ype Parameters Value Top Chords Xanalytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Xant Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Xant Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Xant Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Fype: Skylight Duplicate. Fype Parameters Rename Fype Parameters Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Defined Duplicate. Start Release Pinned Angle 0.000° Start Release Pinned Start Release Pinned < | Type: Skylight Duplicate Rename Type Parameters Parameter Value Top Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Fype: Skylight Duplicate Rename Rename Fype Parameters Value Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000° | Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000° | Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°
Diagonal Webs \$
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000° | Type: Skylight Duplicate Rename Rename Type Parameters Value Top Chords Xalue Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Xalue Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Xalue Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Xalue Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | Type: Skylight
Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000° | be: Skylight Duplicate
Rename
De Parameters
Parameter Value
Parameter Value
De Pords
nalytical Vertical Projection Center of Beam
ructural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Pinned
ngle 0.000°
ertical Webs
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000°
ertical Webs
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000°
iagonal Webs
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000° | ype: Skylight Duplicate Rename ype Parameters Parameter Value Top Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned O.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned D.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Type: Skylight Duplicate
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
End Release Pinned
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | ype: Skylight Duplicate Rename Rename ype Parameters Value Top Chords Structural Projection Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Type: Skylight Duplicate.
Rename
Type Parameters
Parameter Value
Top Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000° | Skylight Duplicate. Rename Rename arameters Value Chords Value tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned celease Pinned cal Webs 0.000° cal Webs UL-Double Angle:2L3X2-1/2X1/2LL Release Pinned celease Pinned c | Type: Skylight Duplicate. Rename. Type Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned |
|--|--|--
--
--
--|--|---
--
--
--|--|---
--|--|---|--|---
--
--
--
--|--
--
--
--|--|---|---|---|---|---|--
--|---|--|--|---|--
--|--|--|--|
| Rename Type Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Rename Type Parameters Value Top Chords × Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Rename Type Parameters Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Batt Release Pinned Angle 0.000° | Rename Type Parameters Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Start Release Pinned End Release Angle 0.000° Xertical Webs Structural Framing Type Start Release Pinned Release Structural Framing Type Start Release Pinned Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle Angle On00° Diagonal Webs Structural Framing Type Start Release Start Rele

 | Rename. Type Parameters Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° | Parameters Rename Parameter Value Fop Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Rename Type Parameters Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000°

 | Rename Type Parameters Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Rename Type Parameters Value Top Chords Start of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned | Rename Rename Rename Top Chords Center of Beam Structural Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Parameters Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Rename Type Parameters Value Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Rename. Type Parameters Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Rename Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned
 End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Dagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Fop Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Ond Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Ondors Ondors Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Rename Type Parameters Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Rename Parameters Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Ett-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Ett-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Ett-Double Angle:2L3X2-1/2X1/2LL

 | Rename Rename Type Parameters Value Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ElL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Value Top Chords ? Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ? Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ? Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned End Release Pinned | Rename Rename Rename Parameters Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Rename Type Parameters Value Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Value Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Rename
 Type Parameters Value Top Chords Zamate Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Zamate Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Zamate Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Zamate Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Parameters Rename Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle Pinned Angle Pinned Angle Pinned Start Release Pinned Start Release Pinned | Parameters Value Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Rename Type Parameters Value Top Chords × Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Start Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Rename Type Parameters Value Top Chords Star Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned Angle 0.000° | Rename. Rename Type Parameters Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Etructural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Value op Chords 3 nalytical Vertical Projection Center of Beam ructural Framing Type LL-Double Angle:2L6X4X5/8LLBB art Release Pinned ngle 0.000° ertical Webs 3 ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned ngle 0.000° ertical Webs 3 ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned ngle 0.000° iagonal Webs 3 ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned ngle 0.000° iagonal Webs 3 ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned ngle 0.000° | Parameters Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Diagonal Webs Structural Framing Type Start Release Pinned Start Release Pinned
 | Rename. Type Parameters Value Top Chords Start Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Ell-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Ell-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Rename Parameter Value Fop Chords Stanalytical Vertical Projection Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type Chart Release Pinned Ond Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Rename Type Parameters Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | arameters Rename Parameter Value Chords Center of Beam tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned celease Pinned e 0.000° cal Webs LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned celease Pinned cel | Type Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam | Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam

 | Parameters Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° | Parameters Parameter Value Fop Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2XL/2LL Start Release Pinned End Release Pinned Angle 0.000° | Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Angle 0.000° Start Release Pinned End Release Pinned End Release Pinned End Release Pinned

 | Parameters Value Top Chords X Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°
 | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Sta | Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned < | Type Parameters Parameter Value Top Chords Canter of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Start Release Pinned | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned
Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned | Parameters Parameter Value Fop Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Output Output Start Release Pinned Start Release Pinned <th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ELL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned <tr< th=""><th>Type Parameters Parameter Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Angle 0.000° Vertical Webs Ell-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Star</th><th>Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Start Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned</th><th>Fype Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release</th><th>Type Parameters Parameter Value Top Chords Zameter Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Start Release Pinned</th><th>Fype Parameters Parameter Value Top Chords Z Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned</th><th>Type Parameters Parameter Value Top Chords Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Parameters Parameter Value Top Chords × Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000°
 Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords X Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned</th><th>Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Parameters Parameter Value op Chords Second Second</th><th>Parameters Parameter Value Top Chords Second Sec</th><th>Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Parameters Parameter Value Fop Chords Second Sec</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs EL-Double Angle:2L3X2-1/2X1/2LL</th><th>Parameters Parameter Value Ibords Center of Beam tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned telease 0.000° cal Webs UL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type UL-Double Angle:2L3X2-1/2X1/2LL mal Webs UL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs End Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL</th></tr<></th> | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ELL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned <tr< th=""><th>Type Parameters Parameter Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Angle 0.000° Vertical Webs Ell-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Star</th><th>Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center
of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Start Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned</th><th>Fype Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release</th><th>Type Parameters Parameter Value Top Chords Zameter Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Start Release Pinned</th><th>Fype Parameters Parameter Value Top Chords Z Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned</th><th>Type Parameters Parameter Value Top Chords Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Parameters Parameter Value Top Chords × Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords X Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned</th><th>Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Parameters Parameter Value op Chords Second Second</th><th>Parameters Parameter Value Top Chords Second Sec</th><th>Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Parameters Parameter Value Fop Chords Second Sec</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs EL-Double Angle:2L3X2-1/2X1/2LL</th><th>Parameters Parameter Value Ibords Center of Beam tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned
 telease 0.000° cal Webs UL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type UL-Double Angle:2L3X2-1/2X1/2LL mal Webs UL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs End Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL</th></tr<> | Type Parameters Parameter Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Angle 0.000° Vertical Webs Ell-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Star | Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Start Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned | Fype Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release | Type Parameters Parameter Value Top Chords Zameter Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Start Release Pinned | Fype Parameters Parameter Value Top Chords Z Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned | Type Parameters Parameter Value Top Chords Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle Double Angle:2L3X2-1/2X1/2LL | Type Parameters Parameter Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Parameters Parameter Value Top Chords × Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Type Parameters Parameter Value Top Chords X Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°
Diagonal Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned | Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Parameters Parameter Value op Chords Second | Parameters Parameter Value Top Chords Second Sec | Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Fop Chords Second Sec | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs EL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Ibords Center of Beam tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned telease 0.000° cal Webs UL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type UL-Double Angle:2L3X2-1/2X1/2LL mal Webs UL-Double Angle:2L3X2-1/2X1/2LL | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs End Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL
 |
| Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam | Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam

 | Parameters Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° | Parameters Parameter Value Fop Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2XL/2LL Start Release Pinned End Release Pinned Angle 0.000° | Parameters Parameter Value Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Angle 0.000° Start Release Pinned End Release Pinned End Release Pinned End Release Pinned

 | Parameters Value Top Chords X Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°
 | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Angle 0.000° | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Sta | Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned < | Type Parameters Parameter Value Top Chords Canter of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Start Release Pinned | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start
Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned | Parameters Parameter Value Fop Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Output Output Start Release Pinned Start Release Pinned <th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ELL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned <tr< th=""><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Ell-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pi</th><th>Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Start Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned</th><th>Fype Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release</th><th>Type Parameters Parameter Value Top Chords Zameter Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Start Release Pinned</th><th>Fype Parameters Parameter Value Top Chords Z Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned</th><th>Type Parameters Parameter Value Top Chords Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Parameters Parameter Value Top Chords × Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned
End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords X Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned</th><th>Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Parameters Parameter Value op Chords Second Second</th><th>Parameters Parameter Value Top Chords Second Sec</th><th>Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Parameters Parameter Value Fop Chords Second Sec</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs EL-Double Angle:2L3X2-1/2X1/2LL</th><th>Parameters Parameter Value Ibords Center of Beam tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned telease 0.000° cal Webs UL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type UL-Double Angle:2L3X2-1/2X1/2LL mal Webs UL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs End Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL</th></tr<></th> | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ELL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned <tr< th=""><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Ell-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pi</th><th>Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned
End Release Pinned Angle 0.000° Vertical Webs Start Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned</th><th>Fype Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release</th><th>Type Parameters Parameter Value Top Chords Zameter Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Start Release Pinned</th><th>Fype Parameters Parameter Value Top Chords Z Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned</th><th>Type Parameters Parameter Value Top Chords Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Parameters Parameter Value Top Chords × Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords X Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned</th><th>Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th><th>Parameters Parameter Value op Chords Second Second</th><th>Parameters Parameter Value Top Chords Second Sec</th><th>Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th><th>Parameters Parameter Value Fop Chords Second Sec</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs EL-Double Angle:2L3X2-1/2X1/2LL</th><th>Parameters Parameter Value Ibords Center of Beam tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned telease 0.000° cal Webs UL-Double Angle:2L3X2-1/2X1/2LL Release Pinned
tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type UL-Double Angle:2L3X2-1/2X1/2LL mal Webs UL-Double Angle:2L3X2-1/2X1/2LL</th><th>Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs End Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL</th></tr<> | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Ell-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pi | Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Start Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned | Fype Parameters Parameter Value Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release | Type Parameters Parameter Value Top Chords Zameter Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Zameter Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned Start Release Pinned | Fype Parameters Parameter Value Top Chords Z Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Z Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned | Type Parameters Parameter Value Top Chords Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle Double Angle:2L3X2-1/2X1/2LL | Type Parameters Parameter Value Top Chords Value Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Parameters Parameter Value Top Chords × Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs × Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Type Parameters Parameter Value Top Chords X Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs X Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned
 | Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Image: Start Release Structural Framing Type LL-Double Angle: 2L3X2-1/2X1/2LL | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Parameters Parameter Value op Chords Second | Parameters Parameter Value Top Chords Second Sec | Type Parameters Parameter Value Top Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs IL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Fop Chords Second Sec | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs EL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs EL-Double Angle:2L3X2-1/2X1/2LL | Parameters Parameter Value Ibords Center of Beam tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned telease 0.000° cal Webs UL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned tural Framing Type UL-Double Angle:2L3X2-1/2X1/2LL mal Webs UL-Double Angle:2L3X2-1/2X1/2LL | Type Parameters Parameter Value Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs End Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ELL-Double Angle:2L3X2-1/2X1/2LL |
| Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Biagonal Webs * Astructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam | Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam

 | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Angle 0.000° | Fop Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Bitom Chords *

 | Top Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°
 | Top Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Top Chords:Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedAngle0.000°Diagonal Webs:Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Top Chords : Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Top Chords : Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type ! Loo00° : Diagonal Webs : Structural Framing Type ! LL-Double Angle:2L3X2-1/2X1/2LL | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Ether Colspan="2">Structural Framing Type Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release
 Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Ind Release Pinned Start Release Pinned< | Fop Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Start Release Pinned Angle 0.000° Start Release Pinned Start Release Pinned <th>Top ChordsAnalytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle Dinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Top ChordsAnalytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedAngle0.000°Diagonal WebsLL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Top Chords Structural Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Top ChordsAnalytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsLL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Top ChordsCenter of BeamAnalytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedAngle0.000°Diagonal Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinned</th> <th>Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000°</th> <th>Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned</th> <th>Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned</th> <th>Top Chords : Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned</th> <th>Top ChordsAnalytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStructural Framing
TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinned</th> <th>op Chords Center of Beam nalytical Vertical Projection Center of Beam ructural Framing Type LL-Double Angle:2L6X4X5/8LLBB art Release Pinned nd Release Pinned ngle 0.000° ertical Webs ructural Framing Type ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned nd Release Pinned art Release Pinned ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned</th> <th>Fop Chords :: Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs :: Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Diagonal Webs : Start Release Pinned Start Release Pinned</th> <th>Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned</th> <th>Fop Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th> <th>Chords tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned celease Pinned celease Pinned cal Webs 0.000° cal Webs LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned celease Pinned<!--</th--><th>Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th></th>
 | Top ChordsAnalytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle Dinned Start Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Top ChordsAnalytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedAngle0.000°Diagonal WebsLL-Double Angle:2L3X2-1/2X1/2LL | Top Chords Structural Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Top ChordsAnalytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsLL-Double Angle:2L3X2-1/2X1/2LL | Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Top Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Top ChordsCenter of BeamAnalytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedAngle0.000°Diagonal Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinned | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release
 Pinned End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Top Chords : Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Top ChordsAnalytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinned | op Chords Center of Beam nalytical Vertical Projection Center of Beam ructural Framing Type LL-Double Angle:2L6X4X5/8LLBB art Release Pinned nd Release Pinned ngle 0.000° ertical Webs ructural Framing Type ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned nd Release Pinned art Release Pinned ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned | Fop Chords :: Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs :: Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Diagonal Webs : Start Release Pinned Start Release Pinned | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned | Fop Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Chords tical Vertical Projection Center of Beam tural Framing Type LL-Double Angle:2L6X4X5/8LLBB Release Pinned celease Pinned celease Pinned cal Webs 0.000° cal Webs LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned celease Pinned </th <th>Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL</th> | Top Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Vartical Verbic * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Batt Release Pinned End Release Pinned Angle 0.000° Angle 0.000° | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Angle 0.000°

 | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Bottom Chords \$

 | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsUL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleaseStart ReleaseStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinned | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Ether of Beam Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 End Release Pinned Diagonal Webs 0.000° Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Start Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedMagle0.000°Vertical WebsUL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL

 | Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedInd ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinned | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedBard ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal
Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinned | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned | Analytical Vertical ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsUL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedAngle0.000°Diagonal WebsUL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeUL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinned | Inalytical Vertical Projection Center of Beam ructural Framing Type LL-Double Angle:2L6X4X5/8LLBB part Release Pinned nd Release Pinned ngle 0.000° ertical Webs EL-Double Angle:2L3X2-1/2X1/2LL ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned nd Release Pinned nd Release Pinned ngle 0.000° iagonal Webs IL-Double Angle:2L3X2-1/2X1/2LL ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs End Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned | Analytical Vertical
ProjectionCenter of BeamStructural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedInd ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinned | Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Pinned
Ind Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Ind Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Pinned
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | tical Vertical Projection Center of Beam
tural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Release Pinned
elease Pinned
cal Webs
tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Release Pinned
elease Pinned
elease Pinned
cal Webs | Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Botom Chords * Analytical Vertical Projection Center of Beam | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam

 | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Biagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Binned 0.000° End Release Pinned Angle 0.000°

 | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Start ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs End Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Ind Release Pinned Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsLL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release
Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsLL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsLL-Double Angle:2L3X2-1/2X1/2LL

 | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Start ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleaseDiagonal WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Angle 0.000° Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsLL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd
ReleasePinnedEnd ReleasePinned | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedStart ReleasePinnedStart ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedAngle0.000°Diagonal Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinned | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinned | ructural Framing Type LL-Double Angle:2L6X4X5/8LLBB
art Release Pinned
nd Release Pinned
ngle 0.000°
ertical Webs Ell-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
nd Release Pinned
nd Release Pinned
iagonal Webs Ell-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000° | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Ind Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing TypeLL-Double Angle:2L6X4X5/8LLBBStart ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinnedStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsLL-Double Angle:2L3X2-1/2X1/2LL | tural Framing Type LL-Double Angle:2L6X4X5/8LLBB
Release Pinned
elease Pinned
cal Webs
tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Release Pinned
elease Pinned
elease Dinned
tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Start ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical Webs*Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal Webs*Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedAngle0.000°Diagonal Webs*Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Bottom Chords*Analytical Vertical ProjectionCenter of Beam | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam

 | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Angle 0.000° | Start ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical Webs\$Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal Webs\$Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Bottom Chords\$

 | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned End Release Pinned Ind Release Pinned Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Start ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs ? Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs ? Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL
 | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL

 | Start ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsUL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsUL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL

 | Start ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Start ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Start ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeStart ReleasePinnedEnd ReleasePinnedEnd ReleasePinned | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Start ReleasePinnedEnd ReleasePinnedAngle0.000°Vertical WebsEll-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | art Release Pinned
nd Release Pinned
ngle 0.000°
ertical Webs Ell-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
nd Release Pinned
ngle 0.000°
iagonal Webs Ell-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
ngle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs End Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release 0.000° Start Release Pinned | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL | Release Pinned kelease Pinned kelease Pinned kelease 0.000° cal Webs LL-Double Angle:2L3X2-1/2X1/2LL kelease Pinned kelease Pinned kelease 0.000° cal Webs LL-Double Angle:2L3X2-1/2X1/2LL kelease Pinned kelease Pinned kelease LL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | End ReleasePinnedAngle0.000°Vertical Webs*Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal Webs*Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedAngle0.000°Diagonal Webs*Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Bottom Chords*Analytical Vertical ProjectionCenter of Beam | End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam

 | End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | End Release Pinned
Angle 0.000°
Vertical Webs *
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs *
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000° | End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Batt Release Pinned Angle 0.000° Start Release Pinned Start Release Pinned Bottom Chords *

 | End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | End Release Pinned Angle 0.000° Vertical Webs 3 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 3 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned
Angle 0.000°
Vertical Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned Angle 0.000° Vertical Webs LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | End ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned Angle 0.000° Vertical Webs ? Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs ? Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | End Release Pinned Angle 0.000° Vertical Webs ? Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs ? Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | End ReleasePinnedAngle0.000°Vertical Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedAngle0.000°Diagonal Webs2Structural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinned | End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | End Release Pinned Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | End ReleasePinnedAngle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinned | hd Release Pinned
ngle 0.000°
ertical Webs Ellow Ell | End Release Pinned
Angle 0.000°
Vertical Webs Eller
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs Eller
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned Angle 0.000° Vertical Webs IL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Ind Release Pinned Angle 0.000° /ertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Ind Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Pinned e 0.000° cal Webs LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned kelease Pinned e 0.000° | End Release Pinned Angle 0.000° Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Bottom Chords * | Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Start Release Pinned Start Release Pinned End Release Pinned Angle 0.000° | Angle 0.000° Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam

 | Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Angle 0.000° Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° /ertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL

 | Angle 0.000° Vertical Webs ILL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type ILL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs ILL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type ILL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle0.000°Vertical WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LLStart ReleasePinnedEnd ReleasePinnedAngle0.000°Diagonal WebsStructural Framing TypeLL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Angle 0.000° Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Angle 0.000° Vertical Webs ILL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type ILL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ILL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type ILL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | ngle 0.000° ertical Webs ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned nd Release Pinned ngle 0.000° iagonal Webs ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned | Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Angle 0.000° Vertical Webs ILL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type ILL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Diagonal Webs ILL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type ILL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Angle 0.000° Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Vertical Webs UL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs UL-Double Angle:2L3X2-1/2X1/2LL | e 0.000°
cal Webs
tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Release Pinned
e 0.000°
onal Webs
tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Vertical Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Vertical Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned End Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam | Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam

 | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Vertical Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Vertical Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Vertical Webs :: Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs :: Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release End Release Pinned Angle Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Vertical Webs # Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs # Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Vertical Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Vertical Webs ************************************ | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Angle Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | ertical Webs ::
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
nd Release Pinned
ngle 0.000°
iagonal Webs ::
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Start Release Pinned | Vertical Webs Vertical Webs Vertical Webs Vertical Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Vertical Release Pinned Vertical Release Pinned Vertical Webs Verticat Release Verticat Release Pinned Pinne | Vertical Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | cal Webs tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Release Pinned Pinned 0.000° Conal Webs tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Vertical Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° Bottom Chords * | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Bottom Chords \$ Analytical Vertical Projection Center of Beam | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Bottom Chords \$ Analytical Vertical Projection Center of Beam

 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned End Release Pinned Angle 0.000° | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned Angle 0.000° | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned
nd Release Pinned
ngle 0.000°
iagonal Webs ::
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Release Pinned
elease 0.000°
onal Webs
tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam

 | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type
 | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Start Release Pinned
End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type

 | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs End Release Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | art Release Pinned
nd Release Pinned
ngle 0.000°
iagonal Webs ::
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned | Diagonal Webs LL-Double Angle:2L3X2-1/2X1/2LL Structural Framing Type Pinned | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type | Release Pinned
Release Pinned
0.000°
Inal Webs
tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Start Release Pinned End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type |
| End Release Pinned Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | End Release Pinned
Angle 0.000°
Diagonal Webs *
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Bottom Chords * | End Release Pinned Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Diagonal Webs *
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Bottom Chords *
Analytical Vertical Projection Center of Beam

 | End Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | End Release Pinned
Angle 0.000°
Diagonal Webs *
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Diagonal Webs *
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned
Angle 0.000°
Bottom Chords *

 | End Release Pinned
Angle 0.000°
Diagonal Webs *
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
 | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned
Angle 0.000°
Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned
Angle 0.000°
Diagonal Webs :
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned
Angle 0.000°
Diagonal Webs S
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Ind Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned
Angle 0.000°
Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | End Release Pinned
Angle 0.000°
Diagonal Webs 2
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | End Release Pinned
Angle 0.000°
Diagonal Webs 2
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
 | End Release Pinned
Angle 0.000°
Diagonal Webs 2
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned | End Release Pinned
Angle 0.000°
Diagonal Webs 2
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
End Release Pinned | End Release Pinned
Angle 0.000°
Diagonal Webs 2
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | End Release Pinned
Angle 0.000°
Diagonal Webs %
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | End Release Pinned
Angle 0.000°
Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | ad Release Pinned ngle 0.000° iagonal Webs :: ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL art Release Pinned | End Release Pinned
Angle 0.000°
Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
 | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | ind Release Pinned Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | elease Pinned
0.000°
0.000°
0.000°
0.000°
0.000°
0.000°
0.000°
0.000°
0.000°
0.000°
0.000°
0.000°
0.000°
0.000°
0.000° | End Release Pinned
Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam | Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam

 | Angle 0.000° Diagonal Webs Structural Framing Type Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Angle 0.000° Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Angle 0.000° Diagonal Webs 3 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Diagonal Webs : Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Angle 0.000° Diagonal Webs 0.000° Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Angle 0.000° Diagonal Webs 0.000° Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000°
Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Angle 0.000° Diagonal Webs Structural Framing Type | Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Angle 0.000° Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Angle 0.000° Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned | Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned | ngle 0.000°
iagonal Webs ::
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
rart Release Pinned | Angle 0.000°
Diagonal Webs ::
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
 | Angle 0.000° Diagonal Webs Structural Framing Type Start Release Pinned | Angle 0.000°
Diagonal Webs ::
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | e 0.000°
onal Webs
tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Angle 0.000° Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Diagonal Webs \$ Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ | Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam | Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam

 | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release End Release Angle | Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Diagonal Webs * Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Diagonal Webs
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
 | Diagonal Webs 2 Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | iagonal Webs ::
ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned | Diagonal Webs ::
Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned
 | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Diagonal Webs
Structural Framing Type
Etart Release
Diagonal Webs
Etart Release
Dinned | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Diagonal Webs Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam

 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords \$

 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL

 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned End Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | ructural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
art Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned
 | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL
Start Release Pinned | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | tural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL | Structural Framing Type LL-Double Angle:2L3X2-1/2X1/2LL |
| Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam

 | Start Release Pinned End Release Pinned Angle 0.000° | Start Release Pinned
End Release Pinned
Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Start Release Pinned
 | | | | Start Release Pinned | |
 | |

 | |

 | | | | Start Release Pinned | Start Release Pinned
 | Start Release Pinned End Release Pinned | Start Release Pinned End Release Pinned | Start Release Pinned | Start Release Pinned | Start Release Pinned | Start Release Pinned | art Release Pinned | Start Release Pinned
 | Start Release Pinned | tart Release Pinned | | | |
| Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam

 | Start Release Pinned End Release Pinned Angle 0.000° | Start Release Pinned
End Release Pinned
Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Start Release Pinned
 | | | | Start Release Pinned | |
 | |

 | |

 | | | | Start Release Pinned | Start Release Pinned
 | Start Release Pinned End Release Pinned | Start Release Pinned End Release Pinned | Start Release Pinned | Start Release Pinned | Start Release Pinned | Start Release Pinned | art Release Pinned | Start Release Pinned
 | Start Release Pinned | tart Release Pinned | | | |
| Angle 0.000° Bottom Chords × Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords * | Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000° Bottom Chords *

 | End Release Pinned
 | start helease Pinnea | | | E-d D-d | Finited |
 | |

 | | Start Nelease Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | start kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Release Direct | vd Release | nd Release Dinned
 | | | · · · | | |
| Bottom Chords Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords * | Bottom Chords *
Analytical Vertical Projection Center of Beam | Bottom Chords &
Analytical Vertical Projection Center of Beam

 | · · · · · · · · · · · · · · · · · · · | | Bottom Chords *

 |
 | | Pad Dalaana Diamad | End Release Pinned | End Kelease Pinned | | C d D deserver D' d
 | End Release Diagond | nd Palazca Dianad

 | End Palazza |

 | | | | |
 | | A 1 C 0000 | | | 1 Funda | chu Nelease Pinned | rinned | r'iiiicu
 | End Kelease Pinned | nd Kelease Pinned | End Release Dingod | elease Dinned | End Delanas |
| Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 | | Sottom Chords |

 | Angle 0.000°
 | End Release Pinned | end Kelease Pinned | | | End Release Pinned | End Kelease Pinned
 | Linu Nelease Pinned | Ind Nelease Pinned

 | Eng Kelease Pinned | End Release Pinned

 | End Release Pinned | End Release Pinned | End Release Pinned | 0.000° | Angle 0.000°
 | Angle 0.000° | Angle 0.000° | Angle 0.000° | Angle 0.000° | | | |
 | | | rimed | cicase riilleu | Ena Kelease Pinned |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | |

 | Bottom Chords | |

 | 1
 | | | | Angle 0.000° | |
 | |

 | |

 | | | | Angle 0.000 |
 | - | A | | Angle 0.000 | Angle 0.000° | Angle 0.000° | ngle 0.000° | Angle 0.000°
 | Angle 0.000° | | | | |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Analytical Vertical Projection Center of Beam | |

 | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 |
 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | Angle 0.000° | Angle 0.000°
 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | | | |
 | | Bottom Chords 2 | | | | | |
 | | Angle 0.000° | Angle 0.000° | 2 0.000° | Angle 0.000° |
| | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | |

 | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | |

 | Bottom Chords *
 | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords | Angle 0.000°
Bottom Chords | Bottom Chords 2 | Angle 0.000°
Bottom Chords | Angle 0.000°
Bottom Chords
 | Angle 0.000°
Bottom Chords | Angle 0.000°
Bottom Chords

 | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords

 | Angle 0.000° Bottom Chords | Angle 0.000°
Bottom Chords 2 | Angle 0.000°
Bottom Chords | Bottom Chords 2 | Bottom Chords 2
 | Bottom Chords 2 | | Bottom Chords 2 | Bottom Chords | Bottom Chords | Bottom Chords | ottom Chords | Bottom Chords
 | Bottom Chords | Angle 0.000°
Bottom Chords | Angle 0.000°
Bottom Chords | e 0.000°
om Chords | Angle 0.000°
Bottom Chords |
| | | |

 | | | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB

 | Bottom Chords Analytical Vertical Projection Center of Beam
 | Angle 0.000° Bottom Chords analytical Vertical Projection | Angle 0.000° Bottom Chords : Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords : Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam
 | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam

 | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam

 | Angle 0.000° Bottom Chords analytical Vertical Projection | Angle 0.000°
Bottom Chords :
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam
 | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam | Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords Center of Beam | Bottom Chords
Analytical Vertical Projection Center of Beam | ottom Chords :
nalytical Vertical Projection Center of Beam | Bottom Chords :
Analytical Vertical Projection Center of Beam
 | Bottom Chords
Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords :
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | e 0.000°
om Chords
tical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam |
| Service Apply A | << Preview OK Cancel Apply | |

 |
 | | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB

 | Bottom Chords Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords analytical Vertical Projection | Angle 0.000° Bottom Chords : Analytical Vertical Projection
Center of Beam | Angle 0.000° Bottom Chords : Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam
 | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam

 | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam

 | Angle 0.000° Bottom Chords analytical Vertical Projection | Angle 0.000°
Bottom Chords :
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam
 | Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords Center of Beam | Bottom Chords
Analytical Vertical Projection Center of Beam | ottom Chords :
nalytical Vertical Projection Center of Beam | Bottom Chords :
Analytical Vertical Projection Center of Beam | Bottom Chords
Analytical Vertical Projection Center of Beam
 | Angle 0.000°
Bottom Chords :
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | e 0.000°
om Chords
tical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam |
| | | << Preview OK Cancel Apply | << Preview OK Cancel Apply

 | << Preview OK Cancel Apply | Structural Framina Type LL-Double Anale:2L6X4X5/8LLBB |

 | Bottom Chords Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
 | Angle 0.000° Bottom Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords 3 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords : Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords Output to the second se | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam Structural Framina Type LL-Double Anale:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framina Type LL-Double Angle:2L6X4X5/8LLBB
 | Angle 0.000°
Sottom Chords
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB

 | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framina Type LL-Double Anale:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB

 | Angle 0.000° Bottom Chords Image: Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle: 2L6X4X5/8LLBB | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB
 | Bottom Chords Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords
Analytical Vertical Projection Center of Beam
Structural Framina Type LL-Double Anale:2L6X4X5/8LLBB | Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | ottom Chords :
nalytical Vertical Projection Center of Beam
ructural Framina Type LL-Double Anale:2L6X4X5/8LLBB | Bottom Chords :
Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords
Analytical Vertical Projection Center of Beam
Structural Framina Type LL-Double Anale:2L6X4X5/8LLBB
 | Angle 0.000°
Sottom Chords :
Analytical Vertical Projection Center of Beam
Structural Framina Type LL-Double Anale:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framina Type LL-Double Anale:2L6X4X5/8LLBB | e 0.000°
om Chords
tical Vertical Projection Center of Beam
tural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB |
| << Preview OK Cancel Apply | << Preview OK Cancel Apply | |

 | | | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB

 | Bottom Chords Center of Beam
 | Angle 0.000° Bottom Chords analytical Vertical Projection | Angle 0.000° Bottom Chords : Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords : Analytical Vertical Projection Center of Beam | Bottom Chords :
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam
 | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam

 | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam

 | Angle 0.000° Bottom Chords analytical Vertical Projection | Angle 0.000°
Bottom Chords :
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords :
Analytical Vertical Projection Center of Beam | Bottom Chords :
Analytical Vertical Projection Center of Beam
 | Bottom Chords :
Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam | Bottom Chords Center of Beam | Bottom Chords :
Analytical Vertical Projection Center of Beam | Bottom Chords Center of Beam | Bottom Chords
Analytical Vertical Projection Center of Beam | ottom Chords :
nalytical Vertical Projection Center of Beam | Bottom Chords :
Analytical Vertical Projection Center of Beam
 | Bottom Chords
Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords :
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | e 0.000°
om Chords
tical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam |
| | | |

 | | | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB

 | Bottom Chords Analytical Vertical Projection Center of Beam
 | Angle 0.000° Bottom Chords analytical Vertical Projection | Angle 0.000° Bottom Chords : Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords : Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam
 | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam

 | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam

 | Angle 0.000° Bottom Chords analytical Vertical Projection | Angle 0.000°
Bottom Chords :
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam
 | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam | Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords Center of Beam | Bottom Chords
Analytical Vertical Projection Center of Beam | ottom Chords :
nalytical Vertical Projection Center of Beam | Bottom Chords :
Analytical Vertical Projection Center of Beam
 | Bottom Chords
Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords :
Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | e 0.000°
om Chords
tical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam |
| | Analytical Vertical Projection Center of Beam | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB

 | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 | Bottom Chords *
 | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords | Angle 0.000°
Bottom Chords | Bottom Chords 2 | Angle 0.000°
Bottom Chords | Angle 0.000°
Bottom Chords
 | Angle 0.000°
Bottom Chords | Angle 0.000°
Bottom Chords

 | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords

 | Angle 0.000° Bottom Chords | Angle 0.000°
Bottom Chords 2 | Angle 0.000°
Bottom Chords | Bottom Chords 2 | Bottom Chords 2
 | Bottom Chords 2 | | Bottom Chords 2 | Bottom Chords | Bottom Chords | Bottom Chords | ottom Chords | Bottom Chords
 | Bottom Chords | Angle 0.000°
Bottom Chords | Angle 0.000°
Bottom Chords | e 0.000°
om Chords | Angle 0.000°
Bottom Chords |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Analytical Vertical Projection Center of Beam | |

 | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 |
 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | Angle 0.000° | Angle 0.000°
 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | | | |
 | | Bottom Chords 2 | | | | | |
 | | Angle 0.000° | Angle 0.000° | 2 0.000° | Angle 0.000° |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Analytical Vertical Projection Center of Beam | |

 | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 |
 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | Angle 0.000° | Angle 0.000°
 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | | | |
 | | Bottom Chords 2 | | | | | |
 | | Angle 0.000° | Angle 0.000° | 2 0.000° | Angle 0.000° |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Analytical Vertical Projection Center of Beam | |

 | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 |
 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | Angle 0.000° | Angle 0.000°
 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | | | |
 | | Bottom Chords 2 | | | | | |
 | | Angle 0.000° | Angle 0.000° | 2 0.000° | Angle 0.000° |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Analytical Vertical Designation Contact of Design | |

 | | Analytical Vertical Depineties Contra of Doors | Analytical Vertical Draigetian Contact Prove

 |
 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | Angle 0.000° | Angle 0.000°
 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | | | |
 | | Bottom Chords | | | | | |
 | | Angle 0.000° | Angle 0.000° | 2 0.000° | Angle 0.000° |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | |

 | | |

 |
 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | Angle 0.000° | Angle 0.000°
 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | | | |
 | | | | | | | |
 | | Angle 0.000° | Angle 0.000° | 2 0.000° | Angle 0.000° |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Analytical Vertical Projection Center of Ream | |

 | | Analytical Vertical Projection Center of Ream | Analytical Vertical Projection Center of Ream

 |
 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | Angle 0.000° | Angle 0.000°
 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | | | |
 | | Pattom Charde | | | | | |
 | | Angle 0.000° | Angle 0.000° | 2 0.000° | Angle 0.000° |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Analytical Vertical Designation Contact of Design | |

 | | Analytical Vertical Depineties Contra of Door | Analytical Vertical Draigetian Contact Prove

 |
 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | Angle 0.000° | Angle 0.000°
 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000°

 | Angle 0.000° | Angle 0.000° | Angle 0.000° | | | | |
 | | | | | | | |
 | | Angle 0.000° | Angle 0.000° | 2 0.000° | Angle 0.000° |
| Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | |

 | | |

 |
 | | | | Angle 0.000° | |
 | |

 | |

 | | | | Angle 0.000 |
 | | | · · · · · · · · · · · · · · · · · · · | Anyic 0.000 | Angle 0.000° | Angle 0.000° | ngle 0.000° | Angle 0.000°
 | Angle 0.000° | | | | |
| Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 | Bottom Chords | Socion chorus A |

 |
 | | | | Angle 0.000° | |
 | |

 | |

 | | | | Angle 0.000 |
 | | - | | Angle 0.000 | Angle 0.000° | Angle 0.000° | ngle 0.000° | Angle 0.000°
 | Angle 0.000° | | | | |
| Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 | Rottom Chards | sottom chords x |

 |
 | | | | Angle 0.000° | |
 | |

 | |

 | | | | Angle 0.000 |
 | | - | | Angle 0.000 | Angle 0.000° | Angle 0.000° | ngle 0.000° | Angle 0.000°
 | Angle 0.000° | | | | |
| Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 | | sottom choras x |

 |
 | | | | Angle 0.000° | |
 | |

 | |

 | | | | Angle :0.000 |
 | | | | Angle :0.000 | Angle 0.000° | Angle 0.000° | ngle 0.000° | Angle 0.000°
 | Angle 0.000° | | | | |
| Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 | | Sottom Chords 🌼 |

 |
 | | | | Angle 0.000° | |
 | |

 | |

 | | | | Andle guudu |
 | | | | AUGE :0.000 | Angle 0.000° | Angle 0.000° | nale 0,000° | Anale 0.000°
 | Angle 0.000° | | | | |
| Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 | | Sottom Chords 🏾 🕆 |

 |
 | | | | Angle 0.000° | |
 | |

 | |

 | | | | Andre suludu |
 | | | | AUUE | Angle 0.000° | Angle 0.000° | nale 0.000° | Angle 0.000°
 | Angle 0.000° | | | | |
| Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 | | sotion chords x |

 |
 | | | | Angle 0.000° | |
 | |

 | |

 | | | | Angle :0.000 |
 | | | | Angle :0.000 | Angle 0.000° | Angle 0.000° | ngle 0.000° | Angle 0.000°
 | Angle 0.000° | | | | |
| Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 | | sottom choras x |

 |
 | | | | Angle 0.000° | |
 | |

 | |

 | | | | Angle :0.000 |
 | | | | Angle :0.000 | Angle 0.000° | Angle 0.000° | ngle 0.000° | Angle 0.000°
 | Angle 0.000° | | | | |
| Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | | Analytical Vertical Projection Center of Beam | Analytical Vertical Projection Center of Beam

 | | Bottom Chords 🏾 🕆 |

 | IAngle 0.000
 | | | | Angle 0.000° | |
 | |

 | |

 | | | | | Angle :0.000
 | Angle 0.000 | Angle U.UUU | Angle :0.000 | | 10 mg/o 000 ° | Angla :0.0009 | 0.000 | 1 nale :0 000°
 | Anala 0.000° | | | | |
| Bottom Chords Analytical Vertical Projection Center of Beam
Structural Framina Type LL-Double Anale:2L6X4X5/8LLBB | Bottom Chords * | Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords Analytical Vertical Projection Center of Beam

 | | | Bottom Chords *

 |
 | New Allower Street | | Eng Kejease Pinned | End Kelease Pinned | Direct Direct |
 | | nd Kelestő

 | | End Delegen

 | End Delener | Г | Cad Dalaana Diamad | |
 | | i a casa | | | F IIIICU | LIN NEIEdse PINNEd | | r'iiiicu
 | End Kelease Pinned | na kelease Pinned | Eng Kelease | eleace Dinnad | Dimend |
| Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords Analytical Vertical Projection | Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 |
 | | Card Dalaana Diamaa di | End Release Pinned | Eng Kelease Pinned | | C d D de construction de la construction de | End Release
 | nd Palazca Dinned

 | End Dalanca |

 | | | | | | |
 | | | - FILLES | Pinned Pinned | IN INCICASE FINITED | | Pinned Pinned
 | nd Kelease Pinned | End Release Dingod | elease Dinned | End Del |
| Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords Analytical Vertical Projection | Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | | | | E d D d d d d d d d d d d d d d d d d d | |
 | |

 | | Sun Necose Filling

 | Start Neicase Pinneu | Start Neicase Pinneu | start Nelease Finned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Polosco | Nd Release Dinned | nd Release Dinned
 | End Delenner in the second sec | | | | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | start helease Pinnea | | | E d D-lesse | rinica |
 | |

 | | Start Nelease Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | start kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Palazca Di | vd Release Dinned | Ind Release Dinned
 | | | · · · · · · · · · · · · · · · · · · · | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords 2 | End Release Pinned
Angle 0.000°
Bottom Chords Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords

 |
 | rate include Pinned | | | | FILLES |
 | |

 | | Start Nelease Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords 2 | End Release Pinned
Angle 0.000°
Bottom Chords Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords

 |
 | PUTTER PUTTER | STATE THINKS | i mitu | | - Finned | CONTRACTOR INTER
 | start its start it in its start it is a star | THILD I HILD

 | and a second sec |

 | Start Kelease Pinned | Start Release Pinned | Statt Kelease Pinned | | | End Release Pinned | End Release Pinned | |
 | | | | | |
 | | THING THING | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords * | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords *

 |
 | DIALI RELEASE UIBBOOK | start Release Pinned | Start release Pinned | | | Start Release Pinned
 | Start Release Pinned | Pluned

 | start Release Pinned | STATE DELEASE VINDAR

 | Start Malaasa Diseasa | Start Valanca Dimend | | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | Pinned | rinned | Start Melease Shubed |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords * | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords *

 |
 | Start Release Disport | Start Release Pinned | Start Release Pinned | | Start Release Dinned | Start Release Pinned
 | Start Release Pinned | Start Release Pinned

 | Start Release Pinned | Start Release Dinned

 | C + D | o | Chart Dalaana Diana I | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | Start Release Pinned | Release Pinned | Start Release Pinned |
| Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Start Release Pinned End Release Pinned Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Start Release Pinned
 | | | | Start Release Pinned | |
 | |

 | |

 | | | | Start Release Pinned | Start Release Pinned
 | Start Release Pinned End Release Pinned | Start Release Pinned End Release Pinned | Start Release Pinned | Start Release Pinned | Start Release Pinned | Start Release Pinned | art Release Pinned | Start Release Pinned
 | Start Release Pinned | tart Release Pinned | | | |
| Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Start Release Pinned End Release Pinned Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Start Release Pinned
 | | | | Start Release Pinned | |
 | |

 | |

 | | | | Start Release Pinned | Start Release Pinned
 | Start Release Pinned End Release Pinned | Start Release Pinned End Release Pinned | Start Release Pinned | Start Release Pinned | Start Release Pinned | Start Release Pinned | art Release Pinned | Start Release Pinned
 | Start Release Pinned | tart Release Pinned | | | |
| Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords * | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Start Release Pinned End Release Pinned Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° | Start Release Pinned End Release Pinned Angle 0.000° Bottom Chords *

 | Start Release Pinned
 | | | | Start Release Pinned | |
 | |

 | |

 | | | | Start Release Pinned | Start Release Pinned
 | Start Release Pinned End Release Pinned | Start Release Pinned End Release Pinned | Start Release Pinned | Start Release Pinned | Start Release Pinned | Start Release Pinned | art Release Pinned | Start Release Pinned
 | Start Release Pinned | tart Release Pinned | | | |
| End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | End Release Pinned
Angle 0.000°
Bottom Chords * | End Release Pinned
Angle 0.000°
Bottom Chords *
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords *
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords *

 |
 | Start Release Dispod | Start Release Pinned | Start Release Pinned | | Start Release Dinned | Start Release Pinned
 | Start Release Pinned | itart Release Pinned

 | Start Release Pinned | Start Release Dinned

 | CL + D - D - D - D - D - D - D - D - D - D | o o. l | Charles Delanara | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | Start Release Pinned | Release Pinned | Start Release Pinned |
| End Release Pinned Angle 0.000° Bottom Chords * Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | End Release Pinned
Angle 0.000°
Bottom Chords * | End Release Pinned
Angle 0.000°
Bottom Chords *
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords *
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords *

 |
 | Narr Keleace Ulippod | Start Kelease Pinned | Start Kelease Pinned | | STAIL KEIEASE (Dispert | start Kelease Pinned
 | Start Kelease Pinned | art Kelease Pinned

 | Start Kelease Pinned | Mart Keleace Uinnad

 | | Charles II - Lances (No. 1977) | | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | Start Kelease Pinned | release Pinned | Start Kelease Pinned |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords * | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords *

 |
 | PIDDED P | and a second sec | | | - FILLED | | i mita
 | i i i i i i i i i i i i i i i i i i i

 | and the second s | JUNE DE

 | Start Kelease Pinned | Start Release Pinned | Start Kelease Pinned | | | End Release Pinned | End Release Pinned | |
 | | | | | |
 | | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords * | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords *

 |
 | start nelease Plinted | | | | |
 | - |

 | | Start herease Filling

 | Start Kelease Pinned | Start Release Pinned | start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | | | |
| Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords Analytical Vertical Projection | Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | Start Nelease Plinled | | | P-1D-1 | Finited |
 | |

 | · · · · · · · · · · · · · · · · · · · | Filled

 | start Kelease Pinned | Start Kelease Pinned | start kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Palazza | vd Release Dinned | Ind Release Dinned
 | P-4 P-4 | | • | | |
| Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords Analytical Vertical Projection | Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | start helease Pinnea | | | F P | Finited |
 | |

 | | Start Nelease Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | start kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Palazca Diana J | vd Release Dinned | Ind Release Dinned
 | | | · · · · · · | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords

 |
 | State Nelease Plinted | | | | Finied |
 | - |

 | | Start Nelcose Fillinga

 | Start Kelease Pinned | Start Release Pinned | start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | ۲ | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords

 |
 | acarchelease Plinted | | | | Fillied |
 | |

 | | Start Neicase : Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | · · · · · · · · · · · · · · · · · · · | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords

 |
 | ranning start Pluned | | | | FILLES |
 | |

 | | Start Nelease Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords

 |
 | istart herease Prinned | | | | Filled |
 | |

 | | Start Nelease Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | \ | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords

 |
 | istart herease Prinned | | | | Filled |
 | |

 | | Start Nelease Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | \ | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords 2 | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords

 |
 | istart herease Prinned | | | | Filled |
 | |

 | | Start Nelease Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | \ | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords 2 | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords

 |
 | rate include Pinned | | | | FILLES |
 | |

 | | Start Nelease Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords * | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords *

 |
 | rate include Pinned | | | | FILLES |
 | |

 | | Start Nelease Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords * | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords *

 |
 | astart nelease Prinnea | | | | Finited |
 | |

 | | start neicese : Fillieu

 | Start Kelease Pinned | Start Release Pinned | start kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | 1 · · · · · · · · · · · · · · · · · · · | | |
| End Release Pinned Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | End Release Pinned
Angle 0.000°
Bottom Chords * | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam | End Release Pinned
Angle 0.000°
Bottom Chords &
Analytical Vertical Projection Center of Beam

 | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000° | End Release Pinned
Angle 0.000°
Bottom Chords *

 |
 | start nelease Plinted | | | | |
 | |

 | | Start herease Filling

 | Start Kelease Pinned | Start Release Pinned | start Kelease Pinned | | | | |
 | End Release Pinned | End Release Pinned | | | | | |
 | | | L | | |
| Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords Analytical Vertical Projection | Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | Start Nelease Plinea | | | E-d D-d | Finited Finited |
 | |

 | | Start Neledse Fillieu

 | Start Kelease Pinned | Start Kelease Pinned | start kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Palazza | vd Release Dinned | Ind Release Dinned
 | | | Y | | |
| Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords Analytical Vertical Projection | Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | Pinneu | | | P-d D-d | rined |
 | |

 | · · · · · · · · · · · · · · · · · · · | FIIIICU

 | start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Release Direct | nd Palasca Dinnad | nd Release Dinned
 | E d Balance at the | | - | | i /////.w |
| Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords Analytical Vertical Projection | Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | Pinneu | | | P-10-1 | Finited |
 | |

 | · · · · · · · · · · · · · · · · · · · | FIIIICU

 | start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Palease Direct | nd Release | Ind Release Dinned
 | | | | | |
| Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords Analytical Vertical Projection | Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | Pinneu | | | P I D | rinicu |
 | |

 | | FILIE

 | Start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Palease Direct | Nd Release Disped | Ind Release Dinned
 | C 4 D 4 | | | | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords 2 | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords 2

 | End Release Pinned
 | Pinneu | | | P-10-1 | rinica |
 | |

 | · · · · · · · · · · · · · · · · · · · | Start Neicase Fillineu

 | start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Palazca Direct | nd Release | Ind Release Dinned
 | | | | | (1005M |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000° Bottom Chords

 | End Release Pinned
 | Pinneu | | | P-d D-d | rined |
 | |

 | · · · · · · · · · · · · · · · · · · · | FIIIICU

 | start Kelease Pinned | Start Kelease Pinned | Start Kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Release Direct | nd Palasca Dinnad | nd Release Dinned
 | E d Balance at the | | - | | |
| Angle 0.000° Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type | Angle 0.000° Bottom Chords | Angle 0.000° Bottom Chords Analytical Vertical Projection | Angle 0.000° Bottom Chords Analytical Vertical Projection

 | Angle 0.000° | Angle 0.000° | Angle 0.000° Bottom Chords

 | End Release Pinned
 | Pinneu Pinneu | | | C d D d c c c c c c c c c c c c c c c c c | - and the second | · · · · · · · · · · · · · · · · · · · |
 |

 | · · · · · · · · · · · · · · · · · · · |

 | start Kelease Pinned | start kelease Pinned | Start Kelease Pinned | End Release Pinned | End Release Pinned | |
 | End Release Pinned | End Release Pinned | End Release Dinned | End Palazza | Nd Release Dinned | Ind Release Dinned |
 | | | | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords | Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords \$ Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000° Bottom Chords

 | End Release Pinned
 | | | | E d D d a a a a a a a a a a a a a a a a a | |
 | |

 | | Sun Necose Filling

 | Start Nelease Pinned | Start release Pinned | Start Nelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Palazca Dimend | Dispad | End Release Dinned
 | End Delegen | | | | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords 2 | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords 2

 | End Release Pinned
 | | | | I - I II - I III - I | |
 | |

 | | Sun Necose Filling

 | Filled | Filled Filled | Start Neicase Fillingu | End Release Pinned | End Release Pinned
 | | | End Kelease Pinned | End Kelease Pinned | End Release Dinned | Lod Kelesce | Nd Kelesce Dinned | nd Kelease Dinned
 | | | | · · · · · · · · · · · · · · · · · · · | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords 2 | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords 2

 | End Release Pinned
 | | | | I - I II - I III - I | |
 | |

 | | Sun Necose Filling

 | Filled | Filled Filled | Start Neicase Fillingu | End Release Pinned | End Release Pinned
 | | | End Kelease Pinned | End Kelease Pinned | End Release Dinned | Lod Kelesce | Nd Kelesce Dinned | nd Kelease Dinned
 | | | | · · · · · · · · · · · · · · · · · · · | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000° Bottom Chords

 | End Release Pinned
 | | | F 15.1 | | |
 | |

 | | Start HEIRU

 | store release | and the second s | THING THING | End Kelease Pinned | End Kelease Pinned | |
 | End Kelease Pinned | End Release Pinned | End Kelease Pinned | End Keleare | Viceace Dinned | nd Release Dinned |
 | | | | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Kelease Pinned
 | | | | | |
 | |

 | |

 | | | | End Kelease Pinned | End Kelease Pinned
 | | | End Kelease Pinned | End Kelease Pinned | End Kelease Pinned | End Keleare | M Kelesce Dinned | End Kelease Dinned
 | | | | | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords 2 | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords 2

 | End Kelease Pinned
 | | | E d D de ser l | | |
 | |

 | |

 | | | | End Kelease Pinned | End Kelease Pinned
 | | | End Kelease Pinned | End Kelease Pinned | End Kelease Pinned | End Kolosco | Upped Upped | ng Kelease Dinned
 | | | | -l | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords 2 | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords 2

 | End Release Pinned
 | | | | | |
 | |

 | |

 | | | | End Kelease Pinned | End Kelease Pinned
 | | | End Kelease Pinned | End Release Pinned | End Kelease Pinned | End Keleare | Viceace Dinned | nd Kelease Dinned
 | | | | N: 1 | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Kelease Pinned
 | | | | | |
 | |

 | |

 | | | | End Kelease Pinned | End Kelease Pinned
 | | | End Kelease Pinned | End Release Pinned | End Kelease Pinned | End Keleare | Viceace Dinned | nd Kelease Dinned
 | | | | N: 1 | |
| Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords \$ | Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords Analytical Vertical Projection Center of Beam

 | | · · · | Bottom Chords \$

 |
 | End Release Pinned | rng kelease Pinned | | | End Release Pinned | End Kelease Pinned
 | LUNIVERASE PINNED | IN NEIGOSE PINNEO

 | Fing Kelease Pinned | End Release Pinned

 | End Release Pinned | End Release Pinned | End Release Pinned | | | | |
 | | | | · · · | | | |
 | | | ······································ | ENDER STUDIED | Eng Kelease Pinned |
| Bottom Chords Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords 2 | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam

 | | · · · · · · · · · · · · · · · · · · · | Bottom Chords 2

 |
 | End Release Dinned | FINI RELEASE PINNER | EINERSE FUILFU | Filling Filling | End Release Dinned | Produce Pinned
 | VID AFIEARE VID AND |

 | rnn Kelease Dinned | End Release Dinned

 | End Release Dinned | End Release Dinned | End Release Dinned | |
 | | | | | | End Nercuse Filmed | IN NERCOSC FILINEU | INTER THE
 | Finited Finited | and release Filling | LIM IN SCIENCE REPORT | | run kelease Dinned |
| Bottom Chords Analytical Vertical Projection Center of Beam
Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords 2 | Bottom Chords Analytical Vertical Projection Center of Beam | Bottom Chords Analytical Vertical Projection Center of Beam

 | | · · · | Bottom Chords 2

 |
 | | Pad Palaana Dia at | End Release Pinned | End Kelease Pinned | | C d D d a construction of the construction of | End Release Dimend
 | nd Pelezce Dinned

 | End Palazza |

 | | | | | | | A 1
 | • | | | End Aclease Pinned | in release Filling | rancease runned | End Kelease Pinned
 | nd Kelease Pinned | End Release Dingod | eleace Dinned | End Delana |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords 2 | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords 2

 | Linu Kelease Pinneu
 | | | End Release Dinned | End Koloacó (linnad | |
 | | ind Palaaca Dianad

 | |

 | | | | End Velease Pinned | רוע הכוכסכל ליוחחפט
 | | | rinned | Liu Neicase Pinnea | | | | THU DETERME
 | Disped | nd Kelesce Dinned | | Dispad | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | | | | E-d D-laser | |
 | |

 | | Sun Necose Filling

 | start Release Pinned | Start Neledse Pinned | Start Neledse Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Palazca | Nd Release Dinned | Ind Release Dinned
 | E d D-lana e t | | | | |
| Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 2 Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | Pinneu Pinneu | | | C d D d c c c c c c c c c c c c c c c c c | rinicu | · · · · · · · · · · · · · · · · · · ·
 | |

 | · · · · · · · · · · · · · · · · · · · |

 | start Kelease Pinned | start kelease Pinned | Start Kelease Pinned | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Palazza | Nd Release Dinned | Ind Release Dinned
 | | | | | |
| Angle 0.000° Bottom Chords : Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords | Angle 0.000°
Bottom Chords :
Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords :
Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned
 | | | | End Dalaran ID' I | |
 | |

 | | Start Include Printed

 | stare nercuse r'illiteu | rinneu | Store Mercuse Fillingu | End Release Pinned | End Release Pinned
 | | | End Release Pinned | End Release Pinned | End Release Dinned | End Release Dimend | Dinned | nd Release Dinned
 | End Dalaran int t | | | | |
| Angle 0.000° Bottom Chords Output to the second se | Angle 0.000°
Bottom Chords | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam | Angle 0.000° Bottom Chords 0.000° Analytical Vertical Projection Center of Beam

 | Angle 0.000°
 | Angle 0.000° | Angle 0.000°
Bottom Chords

 | End Release Pinned |
 | | | D. 1 | | |
 |

 | | runca

 | rinned rinned | rinned | rinned | End Release Pinned | End Release Pinned | |
 | End Release Pinned | End Release Pinned | End Release Dinned | Pand Palease | Nd Release | nd Release Dinned | 10-10-1
 | | | | |
| Angle 0.000° Bottom Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Anale:2L6X4X5/8LLBB | Angle 0.000°
Bottom Chords | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam | Angle 0.000°
Bottom Chords
Analytical Vertical Projection Center of Beam

 | Angle 0.000° | Angle 0.000° | Angle 0.000°
Bottom Chords

 | nd Kelease Pinned
 | | | | and Malana and SIN 1 | |
 | |

 | | ·····

 | | | | end Kelease Pinned | End Kelease Pinned
 | | | End Kelease Pinned | nd Kelease Pinned | nd Kelease Pinned | and Kelesse | Dinned Dinned | nd Kelease Dinned
 | and the lange of t | | | | |
| Ingle 0.000°
Individual Vertical Projection Center of Beam
Individual Framing Type LL-Double Angle:2L6X4X5/8LLBB | ottom Chords | Ingle 0.000°
Indication Chords conter of Beam | Ingle 0.000°
Indication Chords conter of Beam

 | ngle 0.000° | ngle 0.000° | ottom Chords

 | nd Kelease Pinned
 | · · | | | | |
 | |

 | |

 | | | | nd Kelease Pinned | nd Kelease Pinned
 | | | nd Kelease Pinned | nd Kelease Pinned | nd Kelease Pinned | Dimendia Dimendia | M Kelesce Dinned | nd Kelease Dunned
 | | 101 I | | | |
| Angle 0.000° Bottom Chords Center of Beam Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Angle 0.000° Bottom Chords | Angle 0.000° Bottom Chords analytical Vertical Projection | Angle 0.000° Bottom Chords analytical Vertical Projection

 | Angle 0.000° | Angle 0.000° | Angle 0.000° Bottom Chords

 | in the second se | | End Delener
 | End Release Pinned | rng kejease Pinned | | C d D deserver in the second sec | End Release Diagond | nd Palazca Dianad

 | End Palance
 |

 | | | | | | | | | in the second se | - Chined
 | FUN DELEASE PIDDEO | IN INFIGURE FILIPED | | rng Kelease Pinned | nd Kelease Pinned | End Release Dinned | elease Dinned
 | End Dalaana |
| Bottom Chords Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords 2 | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam

 | | | Bottom Chords 2

 |
 | | in a Malanana in Carana | Ind Kelease Pinned | End Kelease Pinned | |
 | -nd Kelesce Dinned | nd Keleace Dispod

 | ad Valance |

 | | | | |
 | | A 1 | | | r inited | Pinned | iu nelease Fillited | r'illicu
 | ing Kelease Pinned | nd Kelease Pinned | End Kelease Dipped | elease Dinned | and Valesses in the second sec |
| Bottom Chords Analytical Vertical Projection Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords | Bottom Chords
Analytical Vertical Projection Center of Beam | Bottom Chords
Analytical Vertical Projection Center of Beam

 | | | Bottom Chords

 |
 | Und Release Dissod | FOO KEIERCE | FINITE FUEL FUEL | LING ACIEGOSE PINNED | End Release Dispad | PDC Keleace Upprod
 | |

 | In Kelesce : Dissad | End Release Disport

 | End Release Dispod | End Release Dinned | End Release Dispod | | | | |
 | | A 1 | | | F IIIIIGU | End Acicase Pinned | |
 | End Aclease Pinned | ing receise Pinned | | | Dissod |
| Bottom Chords Center of Beam Structural Framing Type LL-Double Angle:2L6X4X5/8LLBB | Bottom Chords * | Bottom Chords 2
Analytical Vertical Projection Center of Beam | Bottom Chords 2
Analytical Vertical Projection Center of Beam

 | | | Bottom Chords *

 | A 1 0 0000
 | End Release Pinned | End Kelease Pinned | | | End Release Pinned | thd Kelease Pinned
 | Ling Neicase Pinned | inu Nelease Pinnea

 | chu Kelease Pinned | End Release Pinned

 | End Release Pinned | End Release Pinned | End Release Pinned | A 1 | A 1 0 0000
 | A 1 10 0000 | | A 1 20 0000 | A 1 0 0000 | | | · ····· |
 | | | :Filling | erease : riinteu | cno release Pinned |

Task 2 - Add Trusses.

6

0

1. Open the **Structural Plans: TOS-14 ROOF** view. Some of the structural framing has been removed in this plan to make way for a large skylight, as shown in Figure 7–66.

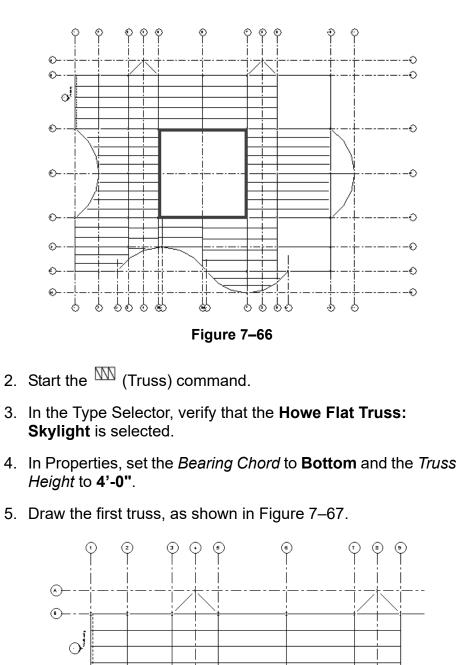


Figure 7–67

Structural Trusses : Howe Flat Truss : Skylight

- 6. Click $\stackrel{\bigcirc}{}$ (Modify) and select the new truss.
- 7. In the *Modify* | *Structural Trusses* tab>Modify panel, click
- 8. In the Options Bar, ensure that \square (Linear) is selected and **Group and Associate** is cleared. Set the *Number* to **15** and the *Move To:* to **Last**.
- 9. To specify the length of the array, click on **Grid C** and then on **Grid E**.
- 10. Open the **3D Views: Roof and Skylight** view to see the trusses, as shown in Figure 7–68.

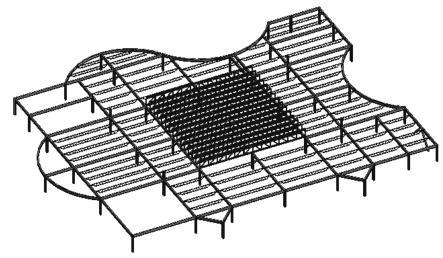
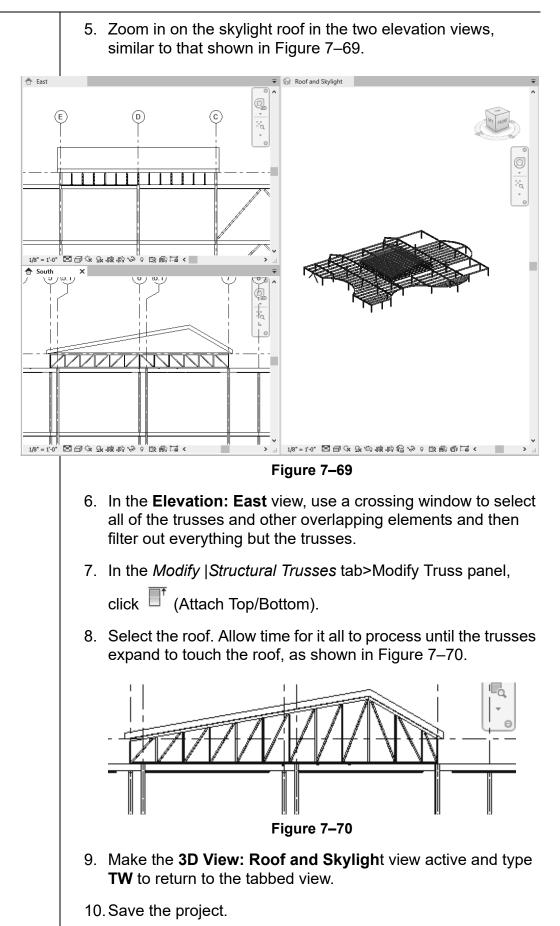


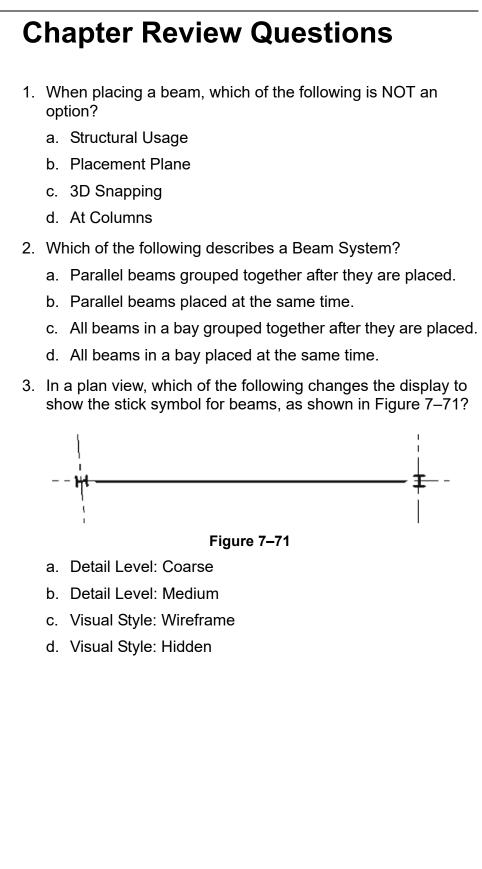
Figure 7–68

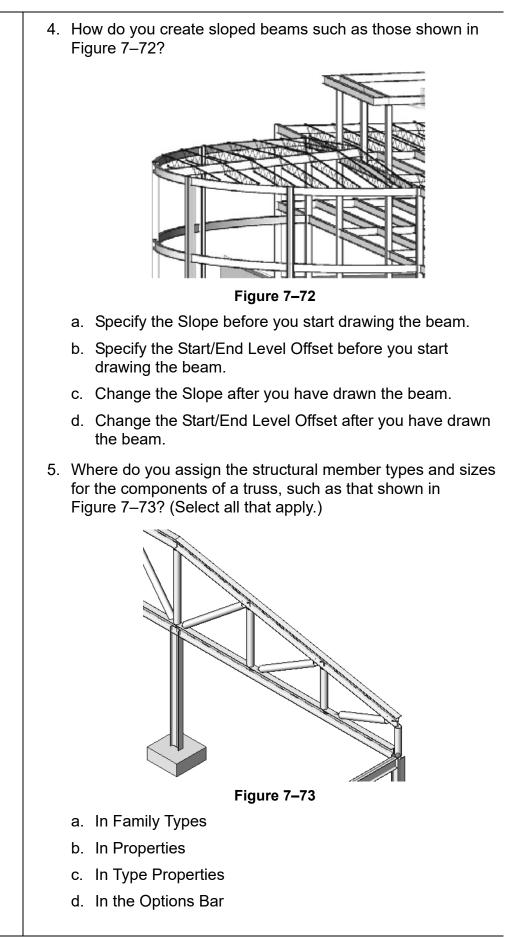
11. Save the project.

Task 3 - Attach the Trusses to a Roof.

- 1. Open the Visibility Graphic Overrides dialog box and toggle on **Roofs**. An existing roof (referencing the location of the skylight) displays.
- 2. In the Quick Access Toolbar, click 🖾 (Close Inactive Windows) so that only the 3D view displays.
- 3. Open the Elevations (Building Elevations): East and South views.
- 4. Type **WT** to tile the three views and **ZA** so that they are all zoomed out fully.







Command Summary

Button	Command	Location
Clipboard		
	Copy to Clipboard	 Ribbon: <i>Modify</i> tab>Clipboard panel Shortcut: <ctr>+C</ctr>
Ē	Paste	 Ribbon: <i>Modify</i> tab>Clipboard panel Shortcut: <ctr>+<v></v></ctr>
	(Paste) Aligned to Selected Levels	 Ribbon: <i>Modify</i> tab>Clipboard panel
	(Paste) Aligned to Selected View	Ribbon: Modify tab>Clipboard panel
Structural	Framing Elements	
F	Beam	Ribbon: Structure tab>Structure panel
	Beam System	Ribbon: Structure tab>Structure panel
	Brace	 Ribbon: Structure tab>Structure panel Shortcut: BR
	Structural Trusses	Ribbon: Structure tab>Structure panel
Structural	Framing Modificat	ion
ŀť	Apply Coping	 Ribbon: Modify tab>Geometry panel, expand Cope
Ť	Attach Top/Base	 Ribbon: Modify Structural Columns> Modify Column panel
Ť	Attach Top/Bottom	Ribbon: Modify Structural Trusses> Modify Truss panel
+13 ==== +	Beam/Column Joins	• Ribbon : <i>Modify</i> tab>Geometry panel
	Change Reference	 Ribbon: Modify Structural Framing> Join Tools panel
ß	Connection	Ribbon: Structure tab>Connection panel
	Detach Top/Base	Ribbon: Modify Structural Columns> Modify Column panel
□ ↓	Detach Top/Bottom	 Ribbon: Modify Structural Trusses> Modify Truss panel
	Justification Points	 Ribbon: Modify Structural Framing> Justification panel Shortcut: JP

Image: Construct of the system of the sys	Justification panel Justification panel			
Justification panel • Shortcut: JY *Image: state st	Image: Second system Justification panel Image: Shortcut: JY Shortcut: JY Image: Second system Ribbon: Modify Structural Framing> Justification panel Justification panel		Offset	Ribbon: Modify Structural Framing> Justification panel
z Offset • Ribbon: Modify Structural Framing> Justification panel	z Offset • Ribbon: Modify Structural Framing> Justification panel	× 	y Offset	Justification panel
Justification panel	Justification panel			• Shortcut: JY
		z to	z Offset	Ribbon: Modify Structural Framing> Justification panel
				Shortcut: JZ
			I	ı