STAIR MEMBER LINE



In SDS/2 v2020, stair member lines will now show the stick line for the main member line work points, lines referencing the stringer materials, and treads. This will work with both shop assembled or not shop assembled stairs. When trying to move or stretch the stair, only the main member line can be selected.





Figure 1: Stair in Solids and Stick

You can turn off the outline of the stair member by going to your **Display Options** and unchecking *Stair outline.*

Γ	-▼(General settings					E: 🖻 🗖 🗲
	乞	Construction lines	1	Members	2		Holes
	拦	Construction circles	纟	Member lines	2		Bolts
	乞	Primary erection grid lines		Member piecemarks	2		Welds
4	ź	Secondary erection grid lines	ies	Member numbers		\checkmark	Voids
	ž	Dimension erection grid lines		Member section sizes			Layouts
	乞	Placement erection grid lines		 Member end elevations Camber annotation Member custom properties 	2		Rebar
		Show grid bubbles on finite lines					Cover surfaces
		Scale grid bubbles			rties 본		Cranes
		Show center of curved grid lines		Member orientation indic	ators 💾		Cranes placements
		Show exploded positions		 Moment symbols Member ends always displayed 	2		Notes
		Show all grid intersections			isplayed	\checkmark	Drawing overlay
				Shear tabs			Material dimensions
				 Display solids as edged loist outline 			Member dimensions
							Group member dimensions
				Stair outline			Include weld symbols
			Annot	nnotation text scale:			Terrain
			Scale	(base 12): 0.1	0.125		Rulers
		-	Scale	0.1	25		Scrollbars
						\checkmark	Model dimensions

Figure 2: Display options

HOW/2: STAIR MEMBER LINE

DETAILING ERECTION VIEWS

When detailing erection views, you can turn off the stair outline in your **Detail Erection View Settings** (see Figure 3). When detailing manually, this will follow your **Display Options** set in your detail manually window.

		Steel <u>m</u> ember style: Stick \lor					
When in a erection view detail, the stair wil have the same stair outline option in the st	l tair's	Concr <u>e</u> te member style: Wire \checkmark => Line Styles					
Erection View Cleanup window (see Figu	re 4).	<u>R</u> ebar material style: Stick ~					
		<u>3</u> D hidden lines style: Removed ~					
Erection View Cleanup		Show 3D main member material					
Member		✓ Show 3D submaterial					
Member number: 138		Show 3D shop <u>b</u> olts					
iecemark: 410S1 Iember <u>s</u> tyle: Stick ~		Show 3D field bolts					
		Show 3D holes					
Wire-style hidden lines: Removed	~	Show 3D shop welds					
Show <u>h</u> atching		Show 3D field welds					
Show <u>s</u> tair outline		Show stai <u>r</u> outline					
Show member orientation indicator		Show shear tab location on erection views					
MOI scal <u>e</u> : 1		Show concrete <u>h</u> atching Scale: 1					
Left end moment symbol 1 2 3	5	Figure 3: Detail Erection View Settings					
Right end moment symbol 1 2 3	5	6 7					

Detail Erection View Defaults

Appearance Annotations Piecemarks

-Member and material piecemarks

Figure 4: Erection View Cleanup Window

The dashed white lines in both **Modeling** and **Drawing Editor** show the direction the stair is ascending. In other words, the dashed line will always be toward the higher end to show the direction up the stairs.



Figure 5: Stair Ascending to the Right