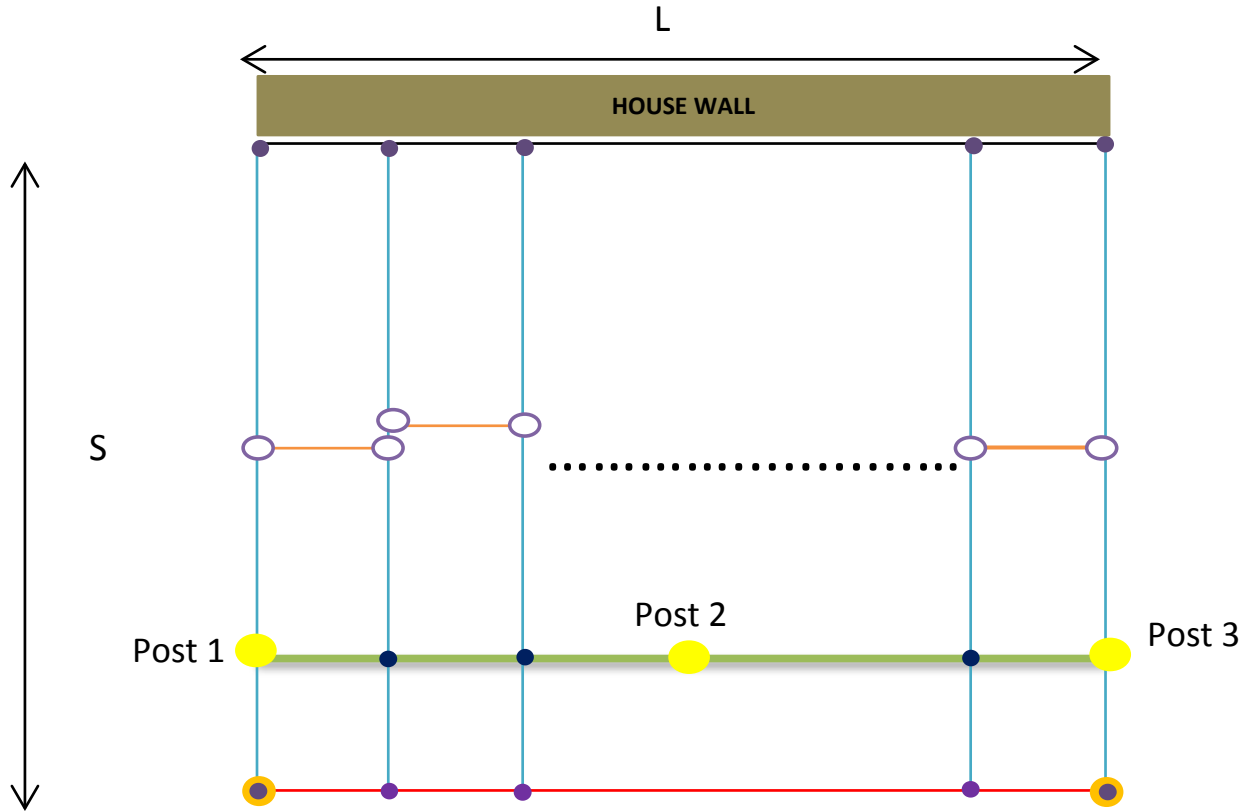




DESIGN A BAILEY TRUEDECK™ BY FOLLOWING THESE SIMPLE STEPS



Follow the below mentioned logic to determine the joist type and quantity.

Deck Span (S)	Joist to be ordered	Length of each pc	# PCS Required
Up to 13 FT	800J162-43G90XL	S	For 12" O.C = number of pieces = $(L*12/12) + 1$ For 16" O.C = number of pieces = $(L*12/16) + 1$
13 TO 18 FT	800JP162-54G90XL	S	
18 to 20 FT	800JP162-68G90XL	S	



Fill in the below table to build a material list for rest of the deck components.

Component	Part Number	Length (FT)	Length (")	# Pcs Required
Rim Track	800RT200-68G90XL	L	L*12	1
Ledger Track	800RT200-68G90XL	L	L*12	1
Box Beam Track	800BT200-68G90XL	L	L*12	1
Box Beam Joist	800BB200-68G90XL	L	L*12	1
Blocking	600J162-43G90XL		11.75" for 12" O.C spacing 15.75" for 16" O.C spacing	Number of Joists - 1
Joist Clips	CLIPTDUBC800-54		7.5	Equal to 2X number of Joists
Blocking Clips	CLIPTDUBC600-54		5.5	Equal to 2X number of Blocking
Webstiffener	WBSTFX775G90		7.75	Equal to number of Joists
Fastener for Steel Frame	SCREWHX10X075P			1 Box
Beam Cap	230U200-33G90X8		8	2

Post Requirements – Follow the below logic to determine the number of posts and spacing between the posts.

Deck Span (S)	Maximum Allowable Spacing Between 2 Consecutive Posts
Up to 14 FT	15 FT
14 to 18 FT	13 FT

If the maximum allowable spacing between 2 consecutive posts is less than the Length "L" of the deck, consider adding an extra post and place all the post equidistant from each other.

This guide is applicable for 50 PSF load designs with a maximum of 4' cantilever. If you are looking to build a custom deck, reach out to us at sales@bmp-group.com. Our engineering team can review your requirements and design your deck. Additional lead time applicable.