## INTERIOR TRUSS CALCULATIONS

Carefully follow these steps for finding the correct INTERIOR TRUSS:

	ROOFING	Weight/sq.ft	lbs.
	INSULATION	Weight/sq.ft	lbs.
	METAL DECKING	Weight/sq.ft	lbs
	EQUIPMENT	Weight/sq.ft	lbs
		TOTAL DEAD LOAD	lbs
Step 2 -	Determine LIVE LOAD by describing the item that set on the roof and find their weights:		
	PEOPLE	Weight/sq.ft	lbs.
	SNOW	Weight/sq.ft	lbs.
	RAIN	Weight/sq.ft	lbs
	EQUIPMENT	Weight/sq.ft	lbs
tep 3 -	Determine the TOTAL ROOF LOAD:	TOTAL LIVE LOAD	lbs
•	Determine the TOTAL ROOF LOAD:  (Total Dead Load + Total Live Load) x Safety F	actor (110%) = I	
	(Total Dead Load + Total Live Load) x Safety F  Determine the following from your "Structural La	actor (110%) =l ayout" drawing:	bs/sq.ft.
itep 4 -	(Total Dead Load + Total Live Load) x Safety F  Determine the following from your "Structural La	factor (110%) =l ayout" drawing: SPACING (between trusses)	bs/sq.ft.
Step 4 -	(Total Dead Load + Total Live Load) x Safety F  Determine the following from your "Structural La  SPAN (Length of truss) feet  Find the proper size of an interior truss:	factor (110%) =I ayout" drawing:  SPACING (between trusses) on one (1) lineal foot of the Truss	bs/sq.ft.
itep 4 - itep 5 - itep 6 - lightly I	(Total Dead Load + Total Live Load) x Safety F  Determine the following from your "Structural La  SPAN (Length of truss) feet  Find the proper size of an interior truss:  SPACING x Total Roof Load = TOTAL WEIGHT	factor (110%) =l ayout" drawing:  SPACING (between trusses)  on one (1) lineal foot of the Truss e correct size:  wn the table for the "Load" that is a igures for each truss size; the upp	bs/sq.ft. feet equal to or er number i
itep 4 - itep 5 - lightly I lax. All upporte	(Total Dead Load + Total Live Load) x Safety F Determine the following from your "Structural La SPAN (Length of truss) feet Find the proper size of an interior truss:  SPACING x Total Roof Load = TOTAL WEIGHT Consult the "TRUSS JOIST TABLES" to find the Start with the "SPAN of the Truss" and look downlarger than the TOTAL WEIGHT. There are two follow. Wt. including the weight of the truss and the	factor (110%) =l ayout" drawing:  SPACING (between trusses)  on one (1) lineal foot of the Truss e correct size:  wn the table for the "Load" that is a igures for each truss size; the upp	bs/sq.ft. feet equal to or er number is
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step 4 - step 5 - lightly I flax. All upporte	(Total Dead Load + Total Live Load) x Safety F Determine the following from your "Structural La SPAN (Length of truss) feet Find the proper size of an interior truss:  SPACING x Total Roof Load = TOTAL WEIGHT Consult the "TRUSS JOIST TABLES" to find the Start with the "SPAN of the Truss" and look downlarger than the TOTAL WEIGHT. There are two follow. Wt. including the weight of the truss and the led. USE THE LOWER NUMBERS.  Make note of the following:	factor (110%) =I ayout" drawing:  SPACING (between trusses)  on one (1) lineal foot of the Truss e correct size:  wn the table for the "Load" that is a igures for each truss size; the upp ower number is the SAFE LOAD  Depth of Truss	bs/sq.ft.  feet  equal to or er number inthat can be  inches