

A.F. COLAFELLA & Associates Pty Ltd

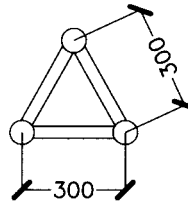
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Project	300mm TRI - TRUSS SAFE LOAD TABLES	Page:	APEX UP
	138-146 BROWNS RD, NOBLE PARK	Ref:	3148
Client	BROWN'S WELDING	Designed:	GN
		Date:	MAR 04

TRUSS ALLOWABLE LOAD CHART

TRUSS SPAN m	TOTAL ALLOWABLE UNIFORM LOAD kg/m	TOTAL ALLOWABLE POINT LOAD kg
3	424	635
6	108	305
9	40	155
12	20	37



NOTES:

- 1.- ALL TRUSSES TO BE ASSEMBLED WITH "BROWN'S WELDING" ALUMINIUM TRI - TRUSS 300mm C/C WITH THE APEX FACING UPWARD, AS SKETCHED ABOVE.
- 2.- COMPUTATIONS CARRIED OUT IN ACCORDANCE WITH A.S. 1664 - ALUMINUM STRUCTURES CODE
- 3.- ABOVE LOADINGS ARE BASED ON INTERNAL USAGE ONLY ie. WIND LOADS NOT CONSIDERED.
- 4.- ALL MEMBERS CONSTRUCTED FROM GRADE 6061-T6 ALUMINUM ALLOY
- 5.- ALL WELDS TO BE MIN. 5mm FILLET WELDS FILLER ALLOY 5356
- 6.- MINIMUM SUPORT CONDITIONS - AT LEAST TWO PARALLEL CHORDS TO SUPPORTED AT EACH END OF TRUSS.
- 7.- ALL LOADS SHOULD BE LOCATED AT NODE POINTS ie. THE INTERSECTION OF VERTICAL MEMBERS WITH THE HORIZONTAL CHORDS
- 8.- TRI TRUSS SEGMENTS CONNECTED TOGETHER USING TWO 12 DIA. GRADE 8.8 BOLTS THROUGH EACH 32x32x6 SHS END FRAME.
- 9.- THE LOADINGS SPECIFIED ABOVE ARE IN ADDITION TO THE SELF WEIGHT OF THE TRUSS
- 10.- ABOVE TOTAL LOADS TO BE DISTRIBUTED EVENLY OVER EACH BOTTOM CHORDS.