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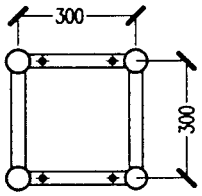
Project	300 mm ALUMINIUM BOX TRUSS	Page:	SK 1
	138 - 146 BROWNS RD, NOBLE PARK	Ref:	4786
Client	BROWNS WELDING	Designed:	G.N.
		Date:	APR 2004

ALLOWABLE LOAD CHART (REFER NOTES BELOW)



SPAN (metres)	ALLOWABLE UNIFORM LOAD kg/m	ALLOWABLE POINT LOAD kgs	
3	1719	4630	SINGLE TRUSS SEGMENT
6	233	700	TRUSS SEGMENTS BOLTED TOGETHER USING 2 No 1/2' DIA. GRADE 8.8 TENSILE BOLTS TOP & BOTTOM
9	100	450	
12	53	320	
15	31	240	

NOTES:

1.- ABOVE LOADS TAKEN FROM COMPUTATIONS & COMPUTER ANALYSIS CARRIED OUT IN ACCORDANCE WITH A.S. 1664 - ALUMINUM STRUCTURES CODE

2.- ABOVE LOADINGS ARE BASED ON INTERNAL USAGE ONLY I.E. WIND LOADS NOT CONSIDERED.

3.- ALL MEMBERS CONSTRUCTED FROM GRADE 6061-T6 ALUMINUM ALLOY

4.- ALL WELDS TO BE MIN. 5mm FILLET WELDS FILLER ALLOY 5356

5.- ASSEMBLED TRUSS TO BE SUPPORTED ON EITHER TOP OR BOTTOM CHORDS AT EACH END.

6.- ABOVE LOAD HAVE BEEN COMPUTED ASSUMING THE EVEN DISTRIBUTION OF LOADS FROM INCOMING TRUSSES ACROSS TRUSS PANEL POINTS SO AS TO PREVENT TWISTING.

7.- ALL LOADS SHOULD BE LOCATED AT PANEL POINTS ie. THE INTERSECTION OF VERTICAL MEMBERS WITH THE HORIZONTAL CHORDS

8.- THE ASSEMBLED STRUCTURE IS TO BE ADEQUATELY BRACED SO AS TO PREVENT RACKING.

9.- THE LOADINGS SPECIFIED ABOVE ARE IN ADDITION TO THE SELF WEIGHT OF THE TRUSS

10.- DEFLECTION LIMITS HAVE NOT BEEN APPLIED IN COMPILING LOAD CHART