



Certified By:
 THE CANADIAN
 WELDING BUREAU

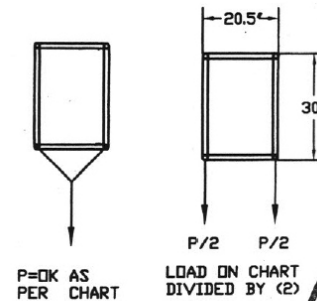
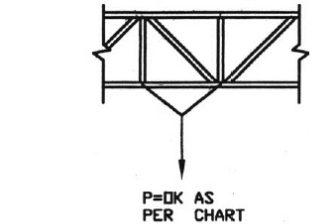
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Heavy Duty Aluminum Box Truss

Allowable Loading Configurations

Allowable Loading Conditions					
Heavy Duty Truss					
	U.D.L Load			Center Point	
SPAN (FT.)	LOAD Q (PLF)	TOTAL LOAD (LBS.)	MAX DEFL. (IN.)	LOAD P (LBS.)	MAX DEFL. (IN.)
10'	800	8000	0.14	5200	0.07
15'	500	7500	0.19	5000	0.14
20'	350	7000	0.29	4600	0.26
25'	230	5750	0.35	2900	0.28
30'	160	4800	0.47	2800	0.45
35'	120	4200	0.63	2000	0.49
40'	90	3600	0.80	1800	0.66
45'	65	2925	0.93	1500	0.79
50'	50	2500	1.10	1300	0.96
55'	45	2475	1.46	1250	1.23
60'	40	2400	1.86	1200	1.56



SAFETY FACTOR=3:1
 DEFLECTION LIMIT=1/240

FOR ADDITIONAL INFORMATION
 CONSULT KAD FABRICATING INC.



NOTES:

- 1) MAIN CHORDS ARE 2" O.D. X 1/8" ALUMINUM PIPE.
- 2) DIAGONAL CHORDS ARE 1" O.D. X 1/8" ALUMINUM PIPE.
- 3) END GUSSET PLATES ARE 2 1/2" X 3/8" ALUMINUM FLAT BAR.
- 4) WELDING SHALL BE CARRIED OUT BY PERSONEL CERTIFIED BY THE CANADIAN WELDING BUREAU TO CSA STANDARD W47.2.

Client:	KAD FABRICATING INC. 180 JARDIN DRIVE UNITS 3 & 4 CONCORD, ONTARIO CANADA L4K 1X8 Tel: (416) 736-1963	Project:	ALUMINUM BOX TRUSS ONTARIO, CANADA	Title:	HEAVY DUTY ALUMINUM BOX TRUSS ALLOWABLE LOADING CONFIGURATIONS	Date:	MAR.26, 2004	 CONSTRUCTION CONTROL INC 70 HAIST AVE. WOODBRIDGE, ONTARIO L4L 5V4 PHONE (905) 856-1436 FAX (905) 856-1455 www.constructioncontrol.com	
Scale:	N.T.S.	Drawn by:	R. X.	Reviewed by:	D.C.	Project no.	S2-7990-01		
						Dwg. no.	01		