



27" BOX BEAM	
AREA: 699.6 in. ² 4.858 ft. ²	
WEIGHT: 4.858 X 150 = 729 lbs/ft.	
I _{xx} = 53365 in. ⁴	I _{yy} = 88115 in. ⁴
C _T = 13.170 in.	* = 15.50 in.
C _B = 13.830 in.	H = 27.00 in.
S _T = 4052 in. ³	
S _B = 3859 in. ³	

33" BOX BEAM	
AREA: 759.6 in. ² 5.275 ft. ²	
WEIGHT: 5.275 X 150 = 791 lbs/ft.	
I _{xx} = 92226 in. ⁴	I _{yy} = 102739 in. ⁴
C _T = 15.803 in.	* = 21.50 in.
C _B = 17.197 in.	H = 33.00 in.
S _T = 5836 in. ³	
S _B = 5363 in. ³	

39" BOX BEAM	
AREA: 819.6 in. ² 5.692 ft. ²	
WEIGHT: 5.692 X 150 = 854 lbs/ft.	
I _{xx} = 144585 in. ⁴	I _{yy} = 117350 in. ⁴
C _T = 18.489 in.	* = 27.50 in.
C _B = 20.511 in.	H = 39.00 in.
S _T = 7820 in. ³	
S _B = 7049 in. ³	

BOX BEAM PROPERTIES
(FOR USE WHEN 32" ALASKA OR 42" OREGON RAIL IS ATTACHED; EXTERIOR UNITS ONLY)

FIGURE 6 - 88a