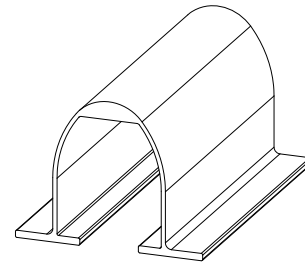


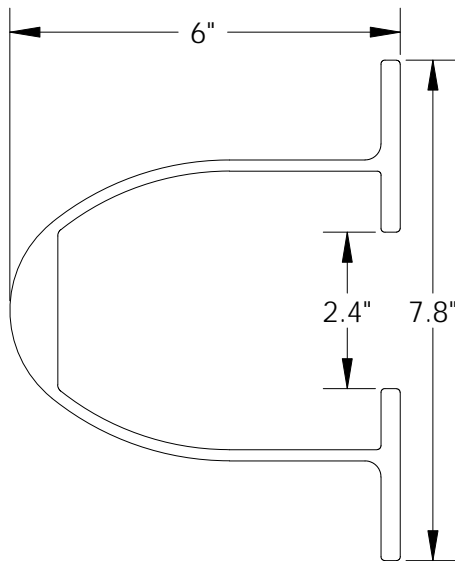


# WB-2 Wale



Drawn: JAB Date: 06/18/09

<b>Max Allowable Bending Moment</b>	13,575 ft-lbs	18,405 N-m
<b>Section Modulus (Z)</b>	8.6 in <sup>3</sup>	141 cm <sup>3</sup>
<b>Moment of Inertia (I)</b>	28 in <sup>4</sup>	1,165 cm <sup>4</sup>
<b>Design Modulus of Elasticity (E)</b>	10 x10 <sup>6</sup> psi	68,900 Mpa
<b>Material</b>	6061-T6 Marine Grade Aluminum	
<b>Required Components</b>	WB-2 Rod Kit	
<b>Standard Colors</b>	Mill Finish	
<b>Standard Packaging</b>	25ft WB-2 Wale, Splice Insert	



Span (L) (ft)	Max Allowable Uniform Load (Bending Moment)	Deflection Allowable Uniform Load (lbs/ft)			
		L/90	L/180	L/240	L/360
4	8,484	----	----	----	6,481
5	5,430	----	----	4,978	3,319
6	3,771	----	----	2,881	1,920
7	2,770	----	2,419	1,814	1,209
8	2,121	----	1,620	1,215	810
9	1,676	----	1,138	854	569
10	1,358	----	830	622	415
11	1,122	----	623	467	312
12	943	----	480	360	240
13	803	755	378	283	189
14	693	605	302	227	151
15	603	492	246	184	123

Physical properties are defined by ASTM testing standards, The Aluminum Association Design Manual, and/or standard engineering practice. The values shown are nominal and may vary. The information found in this document is believed to be true and accurate. No warranties of any kind are made as to the suitability of any CMI product for particular applications or the results obtained there from. ShoreGuard, C-Loc, TimberGuard, GeoGuard, Dura Dock, Shore-All, and Gator Gates are registered trademarks of Crane Materials International. ArmorWare, Ultra Composite, GatorDocks, GatorBridge and CMI Waterfront Solutions are trademarks of Crane Materials International. United States and International Patent numbers 5,145,287; 6,000,883; 6,033,155; 6,053,666; D420,154; 6,575,667; 7,059,807; 7,056,066; 7,025,539; 7,393,482; Other patents pending. © 2009 Crane Materials International. All Rights Reserved.