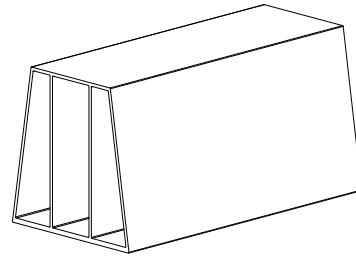




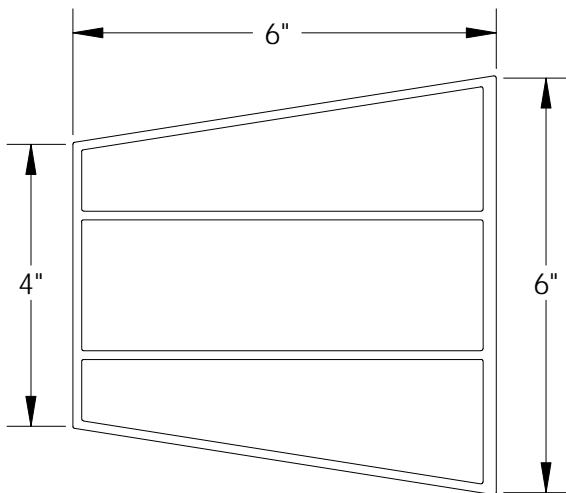
AW-6 Wale



Drawn: JAB Date: 06/18/09

Max Allowable Bending Moment	9,429 ft-lbs	12,784 N-m
Max Allowable Point Load*	10,000 lb	44,482 N
Section Modulus (Z)	6.5 in ³	107 cm ³
Moment of Inertia (I)	22 in ⁴	916 cm ⁴
Design Modulus of Elasticity (E)	10 x10 ⁶ psi	68,900 Mpa
Material	6063-T6 Marine Grade Aluminum	
Compatibility	AW 2.5" x 0.75" Rod Kit, AW 2.9" x 1" Rod Kit	
Recommended Accessories	90° Corner Brace, 45° & 90° AW-6 Corner Insert, Beveled PVC Washer, 4" Nylon Plate Washer	
Standard Colors/Surface Treatment	Mill Finish, Anodized Marine Bronze	
Standard Packaging	20ft AW-6 Wale, Splice Insert, SS Fasteners	

* when used with 4" x 4" washer



Span (L) (ft)	Max Allowable Uniform Load (Bending Moment/ Point Load)	Deflection Allowable Uniform Load (lbs/ft)			
		L/90	L/180	L/240	L/360
4	2,500	----	----	----	----
5	2,000	----	----	----	----
6	1,667	----	----	----	1,509
7	1,429	----	----	1,425	950
8	1,250	----	----	955	637
9	1,111	----	894	671	447
10	943	----	652	489	326
11	779	----	490	367	245
12	655	----	377	283	189
13	558	----	297	223	148
14	481	475	238	178	119
15	419	386	193	145	97

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.