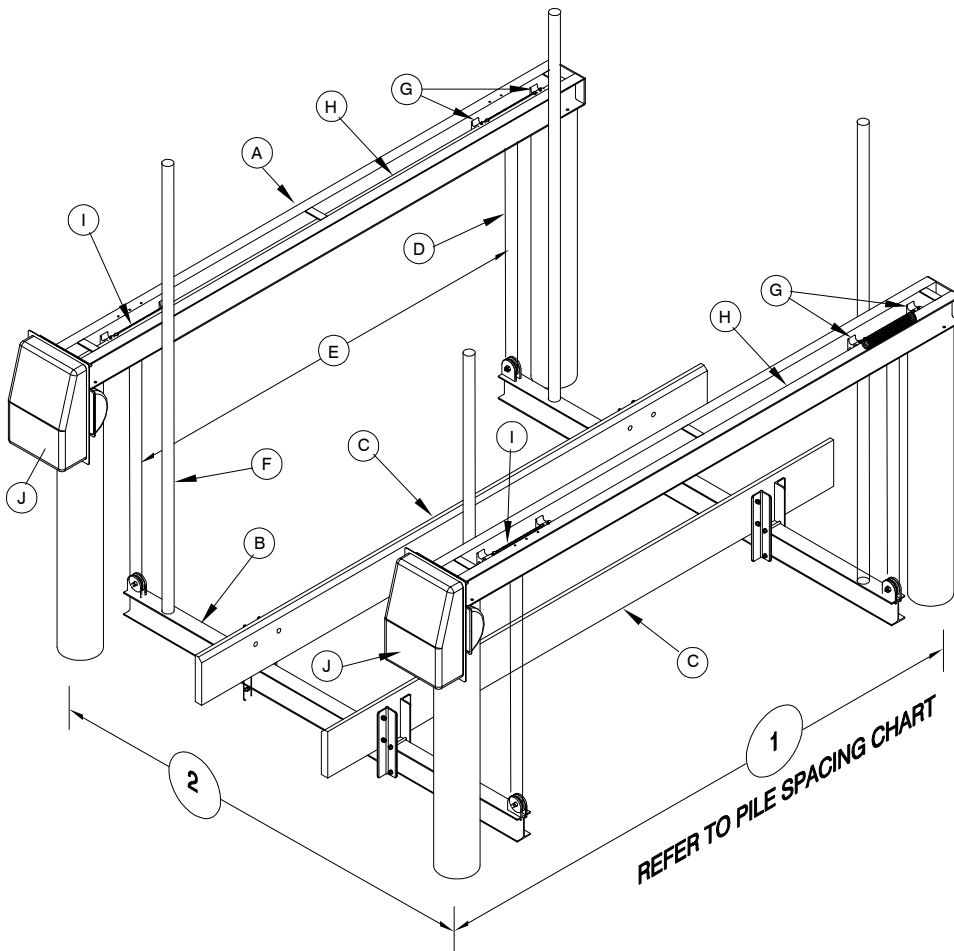


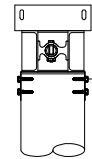
GOLDEN ENGINEERED "RUN ABOUT" 4 POST, 2 MOTOR BOAT LIFTS



PILE SPACING CHART
The boat center of gravity needs to be set in the center of the top beam

Lift Capacity	"1" Dimension	"2" Dimension	Recommended Pile Diameters
4,500 #	8'-4"	10'-0"	(4) 8"φ (min)
6,000 #		12'-0"	
9,000 #	11'-9"	12'-6"	
12,000 #			

STAINLESS STEEL PILING MOUNT BRACKET, 4 - 3/8" STAINLESS STEEL LAG SCREWS USED TO CONNECT THE BRACKETS TO THE PILING AND 2 - 3/8" CARRIAGE BOLTS USED TO CONNECT THE BRACKETS TO THE LIFT CHANNELS



REFER TO PILE SPACING CHART

NOTE: THIS STRUCTURE WILL WITHSTAND WIND LOADS ASSOCIATED WITH AN ULTIMATE WIND SPEED OF 180 MPH, EXPOSURE "D" CALCULATED PER F.B.C. 2017 & ASCE/SEI 7-10. BOATS SHALL NOT BE STORED ON LIFT DURING HIGH WIND EVENTS

IN GENERAL, PILING PENETRATION TO BE 10' INTO THE SAND BOTTOM OR 5' INTO THE ROCK STRATA. SUB-SURFACE CONDITIONS CAN VARY GREATLY, THE CONTRACTOR SHALL VERIFY ALL PILE CAPACITIES. ALL PILINGS TO BE 2.5 C.C.A. TREATED

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)		
LIFT CAPACITY	TOP BEAM CHANNEL 2 EACH	CRADLE I-BEAM 2 EACH	BUNK BOARDS (PT)	STAINLESS STEEL CABLE	CABLE SPREAD	GUIDE POST HGTH	BRGS	DRIVE SHAFT	WINDER	MOTOR HP VOLTAGE	INCHES OF LIFT PER MIN	RECOM PILING SIZES
4,500 #	4" H x 0.15 2" W x 0.23 108" O.A.L.	6" H x 0.19 4" W x 0.29 120" O.A.L.	2x8 x 12'-0" CARPETED ON CAP	(4) 1/4"φ x 15'-0" 1 PART	78"	80"	(8) 1.5" EXTENDED 6061-T ALUM.	1-1/2" SCHEDULE 80 GALVANIZED STEEL PIPE	2" SCHEDULE 80 6061-T6 ALUM. PIPE	3/4 HP 1725 RPM	27"	(4) 8"φ (min)
6,000 #		6" H x 0.19 4" W x 0.29 144" O.A.L.		(4) 5/16"φ x 15'-0" 1 PART								
9,000 #	5" H x 0.15 2.25" W x 0.26 150" O.A.L.	6" H x 0.21 4" W x 0.35 144" O.A.L.		(4) 5/16"φ x 25'-0" 2 PART	120"						13.5"	
12,000 #	6" H x 0.17 2.25" W x 0.29 150" O.A.L.	8" H x 0.23 5" W x 0.35 150" O.A.L.										