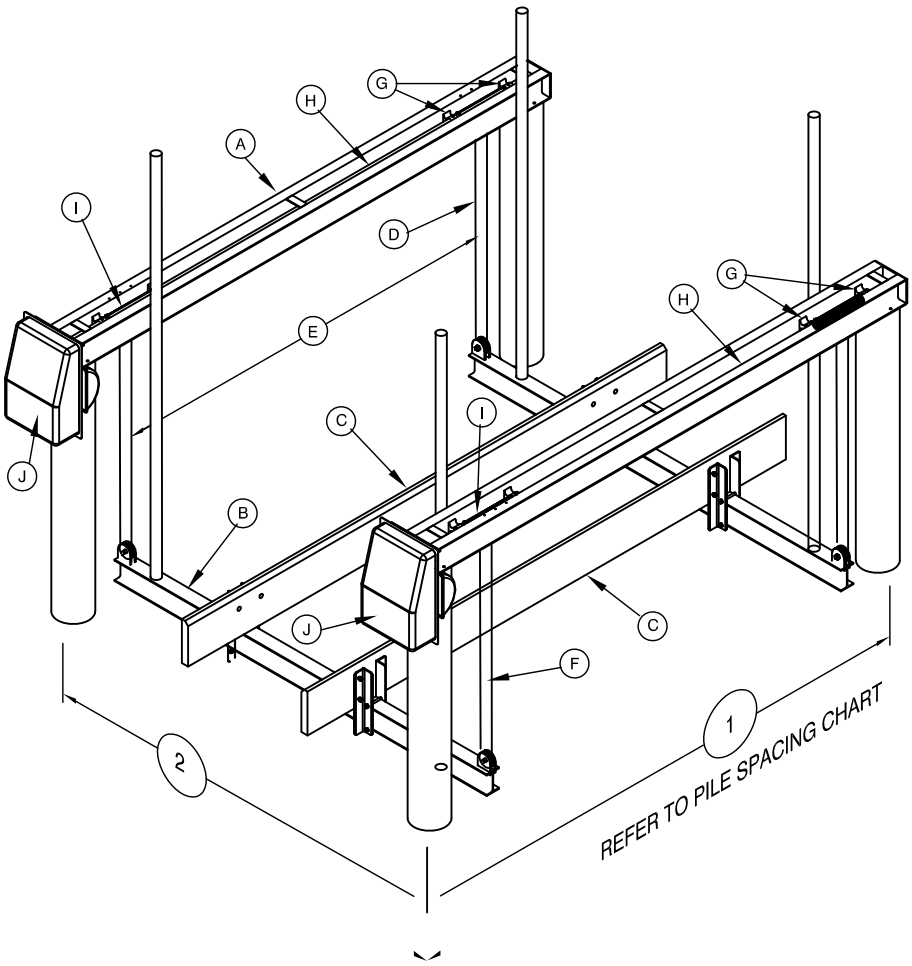
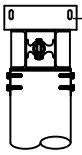
GOLDEN ENGINEERED 4 POST, 2 MOTOR BOAT LIFTS



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	
Lb.	Kg.	Ft.	M	Ft.	M	In.	Mm
4,500	2041	11	3.35	10	3.0	8	203.2
7,000	3175	12	3.66	12	3.66		
10,000	4540			12.5	3.81	10	254
14,000	6350						
16,000	7257			14	4.27		
20,000	9072	14	4.27	16	4.88		
24,000	10,886	16	4.88				

STAINLESS STEEL PILING MOUNT BRACKET, 4–⅜" STAINLESS STEEL LAG SCREWS USED TO CONNECT THE BRACKETS TO THE PILING AND 2–⅜" CARRIAGE BOLTS USED TO CONNECT THE BRACKETS TO THE LIFT CHANNELS



NOTE: THIS STRUCTURE HAS BEEN DESIGNED FOR LOADS ASSOCIATED WITH AN ULTIMATE WIND SPEED OF 180 MPH,EXPOSURE "D", RISK CATEGORY I, CALCULATED PER FLORIDA BUILDING CODE 7h EDITION, 2020, ASCE/SEI 7-16 AND ADM-2015. BOATS SHALL NOT BE STORED ON LIFTS 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. PRESSURE TREATED WOOD.

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LIFT CAPACITY		TOP BEAM CHANNEL 2 EACH		CRADLE I-BEAM 2 EACH		BUNK BOARDS (PT)	CABLE SIZE		CABLE SPREAD		GUIDE POST HGTH	BRGS	DRIVE SHAFT	WINDER DIA	MOTOR HP VOLTAGE	INCHES OF LIFT PER MIN	RECOM PILING SIZES
Lbs	Kg	INCHES	MM	INCHES	MM		INCHES	MM	IN	MM							
4,500#	2041 kg	4 H x .15 2 W x .23 140" OAL	101.6h x 3.8mm 50.8w x 5.8mm 3.6m OAL	6 H x .19 4 W x .29 120" LGTH	152.4h x 4.8mm 101.6w x 7.4mm 3.05m OAL	2x8x144 ROUGH SAWN CARPETED 50.8 MM x 203.3 MM x 3.7M	4 - 5/16" x15' ST ST 1 PART	4 - 7.9mmØ x4.6m ST ST 1 PART	98"	2.5m	80" 2M	10 - 2" (50.8 MM) EXTRUDED 6061-T6 ALUM.	1.9" DIA. (48.3 MM) 9 GAUGE GALV. PIPE	2-3/8" DIA (9.5 MM) SCH 80 ALUM PIPE	2 - 3/4 HP 120V/20A 240V/10A	27" 685.8mm	8" DIA 203.2 mm
7,000#	3175 kg	5 H x .15 2.25 W x .26 x 153" OAL	127h x 3.8mm 57.2w x 6.6mm x 3.9 m AOL	6 H x .19 4 W x .29 144" LGTH	152.4h x 4.8mm 101.6w x 7.4mm 3.8 m OAL				110"	2.8m					2 - 1 HP 120V/20A 240V/10A		
10,000#	4536 kg	6 H x .17 2.5 W x .29 x 153" OAL	152.4hx4.3mm 63.5wx7.4mm 3.9m OAL	8 H x .23 5 W x .35 150" LGTH	203.2hx 5.8mm 127w x 8.9mm 3.8 m OAL		4 - 5/16" x30' ST ST 2 PART	4 -7.94mmØ x9.2m ST ST 2 PART							2 - 3/4 HP 120V/20A 240V/10A	12-1/2" 317.5mm	10" DIA 254 mm
14,000#	6350 kg	7 H x .17 2.75 W x .29 x 153" OAL	177.8hx4.3mm 69.9wx7.4mm 3.9 m OAL	8 H x .25 5 W x .41 150" LGTH	203.4h x 6.4mm 127w x 10.4mm 3.8 m OAL												
16,000#	7257 kg	8 H x .19 3 W x .35 x 153" OAL	203.2hx4.8mm 76.2wx8.9mm 3.9 m OAL	10 H x .25 6 W x .41 168" LGTH	254hx 6.4mm 152.4wx10.4mm 4.3 m OAL	3x10x192 ROUGH SAWN CARPETED 76 MM x 254 MM x 4.9 M					120" 3.1M				2 - 1 HP 120V/20A 240V/10A		
20,000#	9071 kg	8 H x .25 3.75 W x .41 x 177 OAL	203.2hx6.4mm 95.3wx10.4mm 4.5 m OAL	10 H x .25 6 W x .41 192" LGTH	254hx6.4mm 152.4wx10.4mm 4.9 m OAL		4- 5/16" x45' ST ST 3 PART	4- 7.94mmØ x13.7m ST ST 3 PART	122"	3.1m			1.9" DIA. (48.3 MM) 8 GAUGE GALV. PIPE			9" 228.6mm	
24,000#	10886 kg	8 H x .25 3.75 W x .41 x 201 OAL	203.2hx6.4mm 95.3wx10.4mm 5.1 m OAL	10 H x .29 6 W x .50 192" LGTH	254hx7.4mm 152.4wx12.7mm 4.9 m OAL				134"	3.4m							