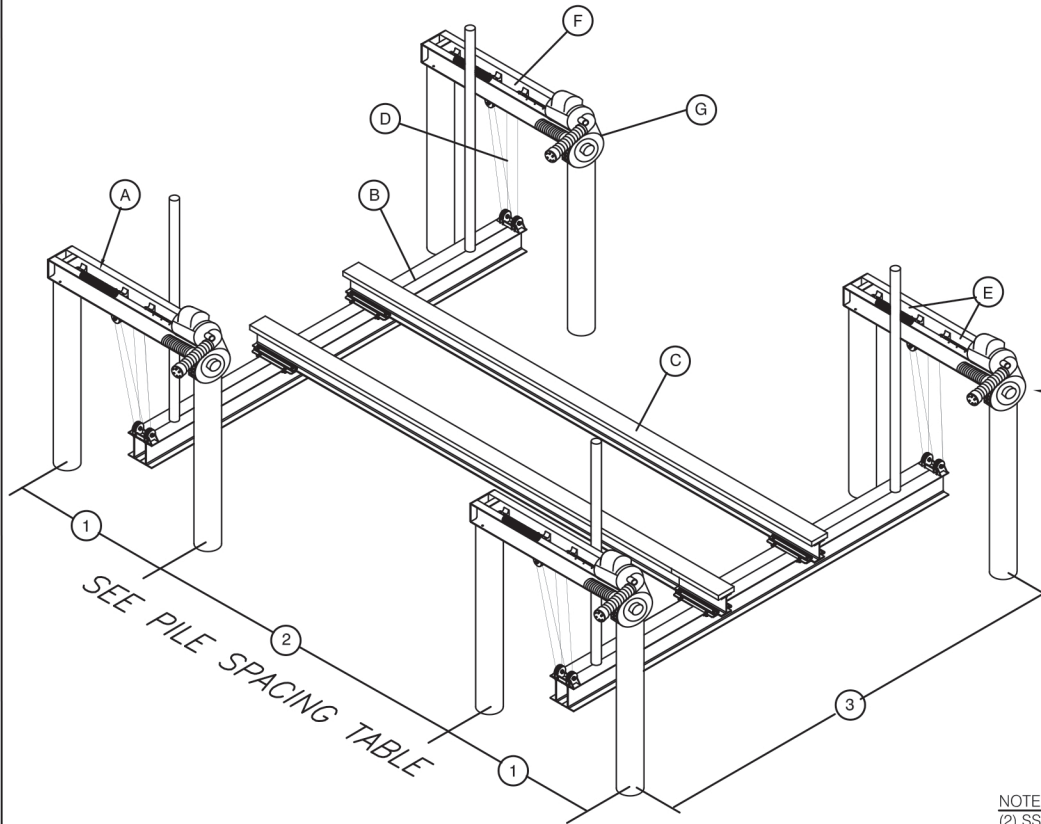


GOLDEN ENGINEERED 8 POST, 4 MOTOR BOAT LIFTS



STAINLESS STEEL PILING
MOUNT BRACKET - DIMENSIONS
VARY WITH APPLICATION

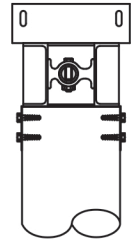
(2) $\frac{3}{8}$ " CARRIAGE BOLTS USED TO
CONNECT THE BRACKETS TO
THE LIFT BEAMS

NOTE WOOD PILES (SHOWN BELOW):
(4) $\frac{1}{2}$ " DIA SS LAG SCREWS TO BE 4"
LONG ON 32/40K LIFTS AND 6" LONG
ON 56/60K LIFTS.

CARRIAGE BOLTS TO BE $\frac{1}{2}$ " DIA. AND
LAG SCREWS TO BE $\frac{1}{2}$ " DIA X 6" LONG
ON 80K LIFT

NOTE CONCRETE PILES (NOT SHOWN):
(2) SS REDHEAD WITH 4" EMBED
INSTALL AT 8" BELOW TOP OF PILE:

5/8" DIAMETER 32/40K LIFTS
3/4" DIAMETER 56/60K LIFTS
7/8" DIAMETER 80K LIFTS



PILE SPACING TABLE

LIFT CAPACITY	1	2	3	RECOMMENDED PILE SIZES
32,000#	72"	MIN. 72" MAX. 144"	192"	10"
40,000#			216"	
56,000#			240"	12"
60,000#				
80,000#				

NOTE: THIS STRUCTURE WILL WITHSTAND LOADS ASSOCIATED AN
ULTIMATE WIND SPEED OF 180 MPH, EXPOSURE "D", CALCULATED
PER FLORIDA BUILDING CODE 8th EDITION 2023 AND ASCE/SEI 7-22.
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. SUBSURFACE
CONDITIONS CAN VARY GREATLY, THE CONTRACTOR SHALL
VERIFY ALL PILE CAPACITIES. PILINGS TO BE 2.5 C.C.A. TREATED.

		(A)	(B)	(C)		(D)		(E)		(F)	(G)					
LIFT CAPACITY		TOP BEAM		CRADLE I-BEAM		KEEL BEAM		CABLE SIZE		BRGS	WINDER		MOTOR HP	INCHES OF LIFT PER MIN	RECOMMENDED PILING SIZES	
Lb	Kg	Inches	Mm	Inches	Mm	Inches	Mm	Inches	Mm		Inches	Mm			Inches	Mm
32,000	14,528	2 Each 8 H x .19 3 W x .35 Chan 6' O.C.	2 Each 203H x 4.8 76.2W x 7.4 Ch 1.8m O.C.	14 H x .30 8 W x .60 192" Long	356 H x .762 203 W x 15.2 4.88M Long	I-Beam 6 x 10 x .41 x 25' Long w/Carpet Top	I-Beam 152x254 x10.4x7.6M w/Carpet Top	3-3 Part 3/8' St Steel Cables	3-3 Part 9.5 mm St Steel Cables	10 - 2" H.D. 6061-T6 Alum Brgs	4-3-1/2"Dia Grooved Alum Winders	4-88 mm Dia Grooved Alum Winders	4 - 1 HP 120V/20A 240V/10A	18.4"	10" Dia Wood or Concrete Pilings	254 mm Dia Wood or Concrete Pilings
40,000	18,160	2 Each 8 H x .25 3-3/4 W x .41 Chan 6' O.C.	2 Each 203H x 6.4 95.3W x 10.4 Ch 1.8m O.C.	14 H x .30 8 W x .60 216" Long	356 H x .762 203 W x 15.2 5.49M Long			3-3 Part 1/4" St Steel Cables	3-3 Part 11 mm St Steel Cables				4 - 1 1/2 HP 120V/20A 240V/10A			
56,000	25,454			2 Double 12 H x .31 7 W x .62 240" Long	2 Double 304.8H x 7.9 178Wx15.7 x 6.1M Long	I-Beam 6 x 10 x .50 x 25' Long w/Carpet Top	I-Beam 152x254 x12.7x7.6M w/Carpet Top	4-4 Part 1/4" St Steel Cables	4-4 Part 11 mm St Steel Cables							
60,000	27,240	2 Each 8 H x .25 5 W x .41 I-BM 6' O.C.	2 Each 203H x 6.4 95.4W x 10.4 Ch 1.8m O.C.	2 Triple 12 H x .31 7 W x .62 240" Long	2 Triple 304.8H x 7.9 178Wx15.7 x 6.1M Long					2 Double 12 H x .31 7 W x .62 25' Long w/Carpet Top	2 Double 304.8H x 9.9 178Wx15.7 x 7.62M Long w/Carpet Top	4-4 Part 1/2' St Steel Cables	4-4 Part 12.7 mm St Steel Cables	8- Solid Nylon Bushings	4 - 5"Dia Grooved Alum Winders	4- 127 mm Dia Grooved Alum Winders
80,000	36,320	2 Each 10 H x .25 6 W x .41 I-BM 6' O.C.	2 Each 254H x 6.4 152.4W x 10.4 Ch 1.8m O.C.													