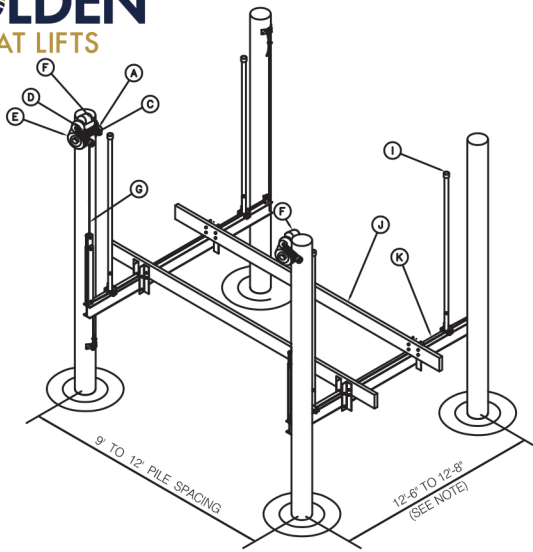
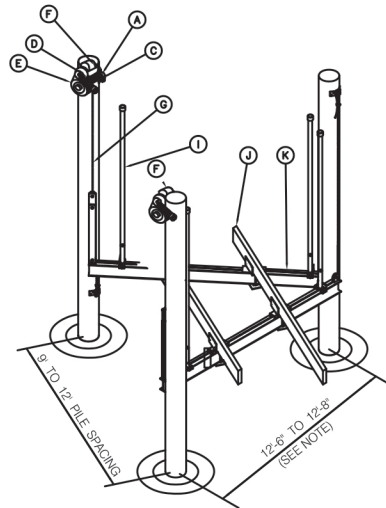




GOLDEN GATORVATOR 4 POST, 2 MOTOR LIFT

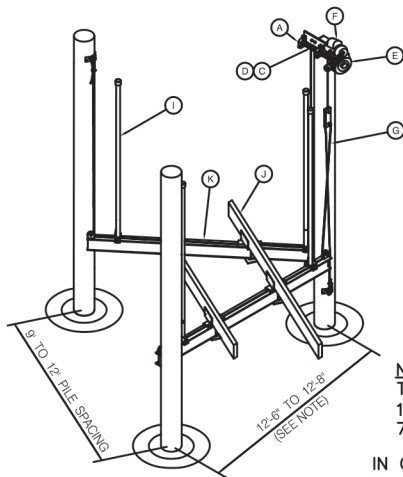
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
LIFT CAPACITY LBS.	NO. OF BRGS	CABLE CONFIG.	GROOVED WINDERS	DRIVE SHAFT SIZE INCHES	DRIVE RATIO	NO. OF MOTORS & H.P.	LIFTING CABLE	INCHES OF LIFT PER MIN.	GUIDE POST HGTH	BOAT BUNK INCHES	CRADLE BEAM/ "I" BEAM SIZE
7,000	4	2 PART	3.5 Ø X 8"	1.93 Ø. SCH 80 PIPE	96:1	(2) 3/4 HP	(2) .31 Ø	16' / MIN 2 PART	80"	144"	6x21 H 4x35 W 144" LGTH
10,000			3.5 Ø X 10"				(2) .38 Ø				8x23 H 5x35 W 144" LGTH
14,000			3.5 Ø X 12"				(2) 1 HP .43 Ø				8x25 H 5x41 W 144" LGTH

NOTE: Cradle lengths to be 6" to 8" shorter than the center to center measurement of the pilings.



GOLDEN 3-T BOAT LIFT, 3 POST, 2 MOTOR

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
LIFT CAPACITY LBS.	NO. OF BRGS	CABLE CONFIG.	GROOVED WINDERS	DRIVE SHAFT SIZE INCHES	DRIVE RATIO	NO. OF MOTORS & H.P.	LIFTING CABLE	INCHES OF LIFT PER MIN.	GUIDE POST HGTH	BOAT BUNK INCHES	CRADLE BEAM/ "I" BEAM SIZE
7,000	4	2 PART	3.5 Ø X 8"	1.93 Ø. SCH 80 PIPE	96:1	(2) 3/4 HP	(2) .31 Ø	16' / MIN 2 PART	80"	144"	6 x 21 H 4 x 35 W 144" LGTH
10,000			3.5 Ø X 10"				(2) .38 Ø				8 x 23 H 5 x 35 W 144" LGTH



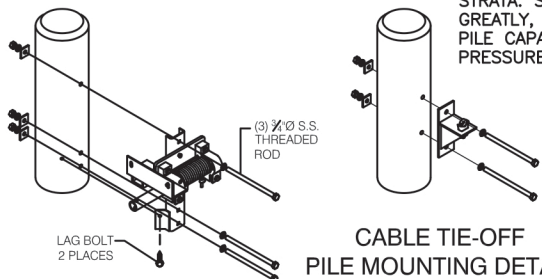
GOLDEN 3-V BOAT LIFT, 3 POST, 1 MOTOR

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
LIFT CAPACITY LBS.	NO. OF BRGS	CABLE CONFIG.	GROOVED WINDERS	DRIVE SHAFT SIZE INCHES	DRIVE RATIO	NO. OF MOTORS & H.P.	LIFTING CABLE	INCHES OF LIFT PER MIN.	GUIDE POST HGTH	BOAT BUNK INCHES	CRDL BM/ "I" BM SIZE
4,000	4	2 PART	3.5 Ø X 8"	1.93 Ø. SCH 80 PIPE	96:1	(1) 3/4 HP	(2) .31 Ø	16' / MIN 2 PART	80"	144"	6 x 19 H 4 x 29 W 144" LGTH

NOTE: THESE STRUCTURES ARE DESIGNED TO WITHSTAND WIND LOADS ASSOCIATED WITH AN ULTIMATE WIND SPEED OF 180 MPH, EXPOSURE D, RISK CATEGORY I CALCULATED PER F.B.C. 8th EDITION 2023, ADM 2020 AND ASCE/SEI 7-22. 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 PILING CAPACITIES. ALL PILING TO BE 2.5 C.C.A. PRESSURE TREATED WOOD.

Lift Capacity	Recomm.Min Piling Sizes
4,000#	8" Dia
7,000#	8" Dia
10,000#	10" Dia
14,000#	10" Dia



CABLE WINDER PILE MOUNTING DETAIL

STRUCTURAL ENGINEERING REVIEW

THIS CONSTRUCTION HAS BEEN DESIGNED AS A MAIN WIND FORCE RESISTING SYSTEM, WITH CALCULATED GRAVITY AND WIND LOADS IN COMPLIANCE WITH THE FLORIDA BUILDING CODE, 8th EDITION, 2023, CHAPTER 16, ADM 2020, AND ASCE/SEI 7-22 "MINIMUM DESIGN LOADS AND OTHER CRITERIA FOR BUILDINGS AND OTHER STRUCTURES" TO WITHSTAND THE WIND LOADS ASSOCIATED WITH AN ULTIMATE WIND SPEED OF 180 MPH, EXPOSURE D, RISK CATEGORY I. J.L. SANDERS, PE HAS NO CONTROL OF THE MANUFACTURING, PERFORMANCE, OR INSTALLATION OF THIS PRODUCT. THESE GENERIC DESIGN FEATURES WERE ENGINEERED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES BASED ON DATA PROVIDED BY THE MANUFACTURER. THIS STRUCTURAL REVIEW IS LIMITED TO THE PRIMARY FRAMING AND CONNECTIONS AND IS NOT INTENDED TO COVER MECHANICAL AND ELECTRICAL COMPONENTS. THE BOAT LIFTS DEPICTED BY THESE DESIGNS AND RELATED CALCULATIONS WERE ENGINEERED AS MANUFACTURED PRODUCT FOR NON-SITE SPECIFIC USE AND SHALL MEET THE DESIGN REQUIREMENTS AND INSTALLATION LIMITATIONS LISTED IN THE STRUCTURAL CALCULATIONS.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY J.L. SANDERS, PE ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

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Date: