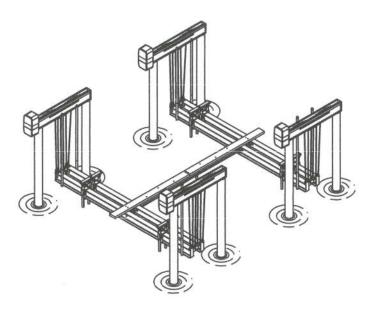
IMM QUALITY BOAT LIFTS

PLATINUM 8 POST BOAT LIFTS



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 2014, CHAPTERS 16 4 20, ADM 2010, ASCESSI 7-10, AND "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" TO WITHSTAND THE WIND LOADS ASSOCIATED WITH AN ULTIMATE WIND SPEED OF 180 MIPH, EXPOSURE "D", RISK CATEGORY "1". ARNOLD/SANDERS CONSULTING BENGINEERS HAS NO CONTROL OF THE MANUFACTURING, PERFORMANCE, OR INSTALLATION OF THIS PRODUCT. THESE GENERIC PLANS WERE ENGINEERED IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES AND DATA PROVIDED BY THE MANUFACTURER.

Arnold/Sanders Consulting Engineers, In Certificate of Authorization 9451 12651 McGregor Blvd. Suite 103 Pt. Myers, R. 33919 239-267-3666 J.L SANDERS 7-29-16 Reg. Florida No.66361 Date:

SIGNATURE NOT VALID WITHOUT RAISED SEAL

IMM BOAT LIFTS, INC. IS
NOT RESPONSIBLE FOR THE
DOCK STRUCTURE, OR ITS
ABILITY RESIST THE APPLIED
LOADS OF THE BOAT LIFT.
THE SITE SHOULD BE
VERIFIED BY A LICENSED
MARINE CONTRACTOR.
APPLIED LOADS WILL BE
PROVIDED UPON REQUEST.

LIFT CAPACITY LBS.	CABLE BEAM SIZE CUSTOM CHANNEL 6061-16,6005A-15	GROOVED CABLE WINDER SIZE 6061-T6,6005A-T5	DRIVE SHAFT SIZE	GEAR RATIO	NO. OF MOTORS 4 H.P. 1750 RPM	CABLE SIZE	INCHES OF LIFT PER MINUTE	GUIDE POST HEIGHT	BOAT BUNKS	CRADLE BEAM SIZE T BM - INCHES
32,000	11 x .230 H 2 x .160 W	2.375 DIA 20' Length LIFTS 12 FT.	1.9Ø TUBE 8 ga	375:1	4 1HP 230V/26A	5/16 SSAC 7x19 304, 2P 66	18	10		12 x .310 H 7 x .620 W 216 L
40,000	11 x .230 H 2 x .160 W	2.375 DIA. 25' Length LIFTS 12 FT.	1.90 TUBE 8 ga	375:1	4 1HP 230V/26A	5/16 SSAC 7x19 304, 3P 120	12	10	**CUSTOM BUNK SYSTEM	(2)12 x .290 H 7 x .470 W 216 L
54,000	14 x .313 H 2 x .313 W	3 DIA. 21" Length LIFTS 12 FT.	2.875Ø TUBE 8 ga	450:1	4 1-1/2HP 230V/36A	5/16 SSAC 7x19 304, 4P 148	11	10		(2) 12 x .310 H 7 x .620 W 240 L

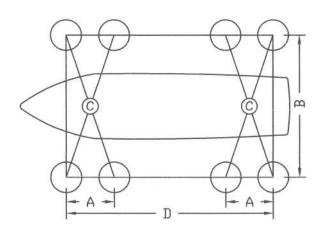
NO	GEAR DRIVE RATIO	NO. OF MOTORS 4 H.P. 3450 RPM	INCHES OF LIFT PER MINUTE		
E	375:1	(4) 2H.P 230V/42A	36		
1-SPEED	375:1	(4) 2HP 230V/42A	24		
- I	450:1	(4) 2H.P 230V/42A	22		

ALL SPACING TO CENTER OF PILING

Lift Capacity	Α	В	С	D	Rec. min. Pile size
32,000 lb.	84"	216"	231.75"	*	10" dia.
40,000 lb.	84"	216"	231.75"	*	10" dia.
54,000 lb.	84"	240"	254.25"	*	10" dia.

Note: all Dimensions ±2"

*Standard spacing for dimension 'D' is 288". Dimension 'D' dependent on boat length.





DWG: 600101 PUB July 29, 2016