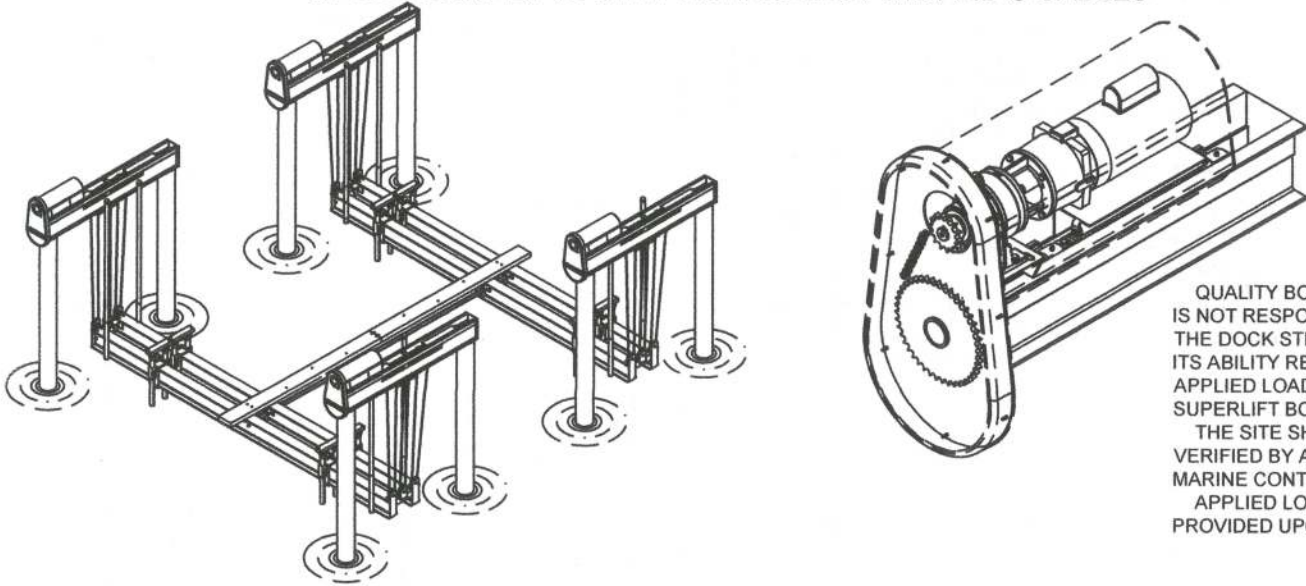


IMM QUALITY BOAT LIFTS

SUPERLIFT BOAT LIFT SPECIFICATIONS 8 POST BOAT LIFTS WITH 4 CRADLE BEAMS AND 8 CABLES



QUALITY BOAT LIFTS, INC. IS NOT RESPONSIBLE FOR THE DOCK STRUCTURE, OR ITS ABILITY RESIST THE APPLIED LOADS OF THE SUPERLIFT 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 INCHES	GROOVED CABLE WINDER SIZE INCHES	DRIVE SHAFT SIZE INCHES	DRIVE SHAFT SPROCKET	CHAIN SIZE	GEAR DRIVE SPROCKET	GEAR DRIVE RATIO	NO. OF MOTORS & H.P.	MOTOR BRAKE TORQUE	INCHES OF LIFT PER MINUTE	NO. OF CABLES AND SIZE INCHES	CABLE SPREAD INCHES	GUIDE POST HEIGHT	BOAT BUNKS INCHES	CRADLE BEAM SIZE "BM - INCHES
44,000	11 x .230 H 2 x .160 W	3.5 DIA. 19" LG LIFTS 19 FT.	2.875 TUBE	30 TOOTH	#80	10 TOOTH	87:1	(4) 1-1/2 H.P. 240V/44A	6 FT-LBS	38	.375 DIA. 100' 2 PART	24 AND ADJUST	10		12 x .310 H 7 x .620 W 216 L
54,000	12 x .266 H 2 x .172 W	3.5 DIA. 28" LG LIFTS 19 FT.	2.875 TUBE	30 TOOTH	#80	10 TOOTH	87:1	(4) 1-1/2 H.P. 240V/44A	6 FT-LBS	25	.375 DIA. 150' 3 PART		10	**CUSTOM BUNK SYSTEM	12 x .310 H 7 x .620 W 240 L
66,000	14 x .313 H 2 x .313 W	3.5 DIA. 28" LG LIFTS 19 FT.	2.875 TUBE	30 TOOTH	#80	10 TOOTH	87:1	(4) 1-1/2 H.P. 240V/44A	6 FT-LBS	25	.375 DIA. 150' 3 PART		10		

LIFT CAPACITY LBS	GEAR DRIVE RATIO	NO. OF MOTORS & H.P.	MOTOR BRAKE TORQUE	INCHES OF LIFT PER MINUTE
44,000	43:1	(4) 3 H.P. 240V/76A	9 FT-LBS	77
54,000	43:1	(4) 3 H.P. 240V/76A	9 FT-LBS	51
66,000	43:1	(4) 3 H.P. 240V/76A	9 FT-LBS	51

HI-SPEED OPTION

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, SECTIONS 16 & 20, ADM 2010, ASCE/SEI 7-10, AND "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" TO WITHSTAND THE WIND LOADS ASSOCIATED WITH AN ULTIMATE WIND SPEED OF 180 MPH, EXPOSURE 'D', RISK CATEGORY 'I'. ARNOLD/SANDERS CONSULTING ENGINEERS 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.

J.J. Sanders
3-9-16

Arnold/Sanders Consulting Engineers, Inc.
Certificate of Authorization 9451
12651 McGregor Blvd, Suite 103
Ft. Myers, FL 33919
239-267-9666

J.J. SANDERS
Reg. Florida No. GC6361 Date:

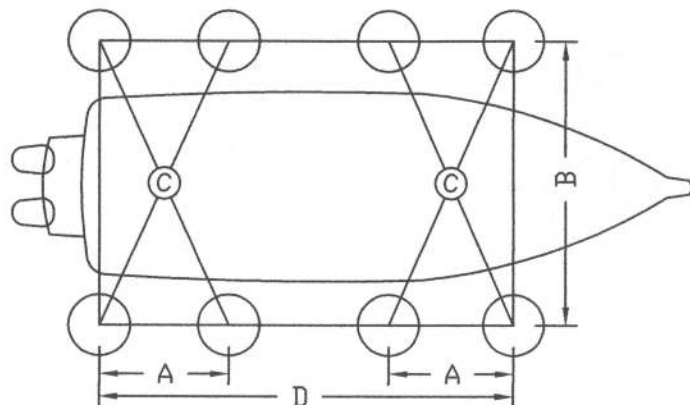
SIGNATURE NOT VALID WITHOUT RAISED SEAL

ALL SPACING TO CENTER OF PILING

Lift Capacity	A	B	C	D	Rec. Piling Sizes
44,000 lb.	96"	216"	236.37"	*	10" dia.
54,000 lb.	96"	240"	258.50"	*	10" dia.
66,000 lb.	96"	240"	258.50"	*	10" dia.

Note: all Dimensions ±2"

*IMM Quality Boat Lifts, Inc. will require information from the naval architect or boat builder to calculate correct spacing for dimension "D". Standard spacing for "D" is 288" unless we receive other information.



DWG: 600087 Pub 3-9-16

SUPERLIFT WIRING SCHEMATIC

MINIMUM RECOMMENDED WIRE SIZE TABLE (AWG)				
COPPER WIRE ONLY				
LIFT CAPACITY	MAXIMUM DISTANCE FROM SERVICE TO CONTROLLER			
	75 FEET	150 FEET	300 FEET	400 FEET
5000# TO 14000# AT 120 VOLTS	#8	#6	#4	#4
5000# TO 14000# AT 240 VOLTS	#10	#8	#6	#4
18000# TO 33000# AT 240 VOLTS	#8	#6	#4	#2
44000# TO 66000# AT 240 VOLTS	#4	#2	#0	#00

