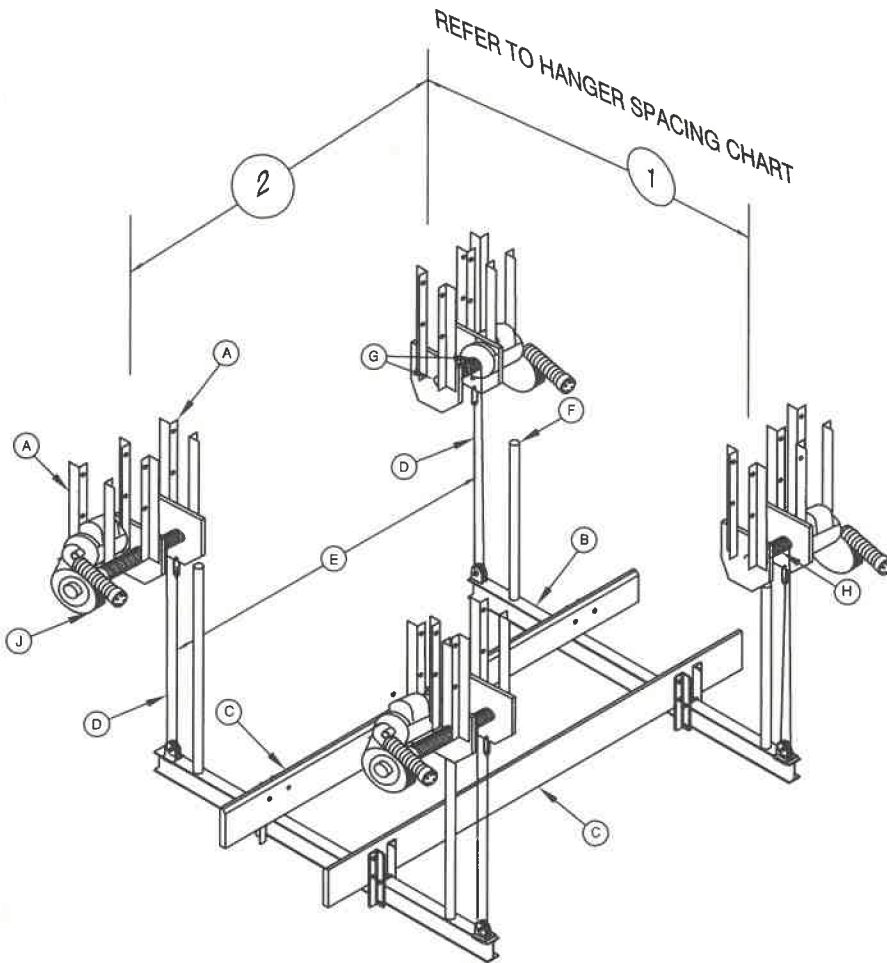
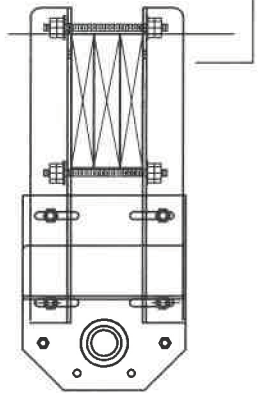


GOLDEN ENGINEERED 4 MOTOR SEA DRIVE BOAT HOUSE LIFTS



6061-T6 ALUMINUM HANGER MOUNT BRACKETS-
RECOMMENDED ATTACHMENT BASED ON BRACKET
CONFIGURATION. VERIFY ADEQUACY BASED ON
ACTUAL SITE CONDITIONS:

4-1/2" STAINLESS STEEL THRU BOLTS USED TO
CONNECT THE BRACKETS TO THE SUPPORT BEAM
AND 4-1/2" STAINLESS STEEL THRU BOLTS USED TO
CONNECT THE BRACKETS TO THE DRIVE PLATES.
SUPPORT BEAM DESIGN BY OTHERS.



HANGER SPACING CHART

The Boat Center of Gravity is to be
Centered between Cradle Beams

Lift Capacity	"1" Dimension	"2" Dimension	Recommended Bolt Diameters
Lb.	In.	In.	In.
20,000	192	127.75	1/2
24,000		151.75	

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 7th EDITION, 2020, ASCE/SEI 7-16 AND ADM-2015. BOATS SHALL NOT BE STORED ON LIFTS DURING HIGH WIND EVENTS.

IN GENERAL, THE HANGERS SHALL BE ATTACHED TO A SITE SPECIFIC SUPPORT BEAM STRUCTURE (DESIGN BY OTHERS). THE CONTRACTOR SHALL VERIFY ALL BEAM CAPACITIES. ALL BEAMS TO BE #2 SYP PRESSURE TREATED WOOD AS A MINIMUM. ALL STRUCTURAL MEMBERS TO BE 6061-T6 ALUMINUM UNO.

SUMMARY OF DESIGN FEATURES

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(J)		
LIFT CAPACITY	TOP BEAM / MOTOR	CRADLE I-BEAM	BUNK	CABLE SIZE	CABLE	GUIDE	BRGS	WINDER	MOTOR	INCHES	RECOM
Lbs	HANGER ASSY. 4 EACH	2 EACH	INCHES	INCHES	SPREAD	POST		DIA	HP	OF LIFT	HANGER
	INCHES	INCHES			IN	HEIGHT			VOLTAGE	PER MIN	BOLT SIZE
20,000#	SUPPORT ARMS 23.5 H x 3 X 3 X 1/4"	10 H x .25 6 W x .41 192" LGTH	3 x 10 X 192	(4) - 7/16" x 40' 40' STAINLESS STEEL 2 PART	127.75	80"	8-UT-210-31-90	3.5" DIAMETER ALUMINUM PIPE WITH CABLE GROOVES	(2) - 1 HP 120V/28A 240V/14A		(4) 1/2" DIA PER LIFT LOCATION
24,000#	DRIVE PLATES 14.5 H x 12 X 3/4"	10 H x .29 6 W x .50 192" LGTH		(4) - 1/2" x 40' 40' STAINLESS STEEL 2 PART	151.75						