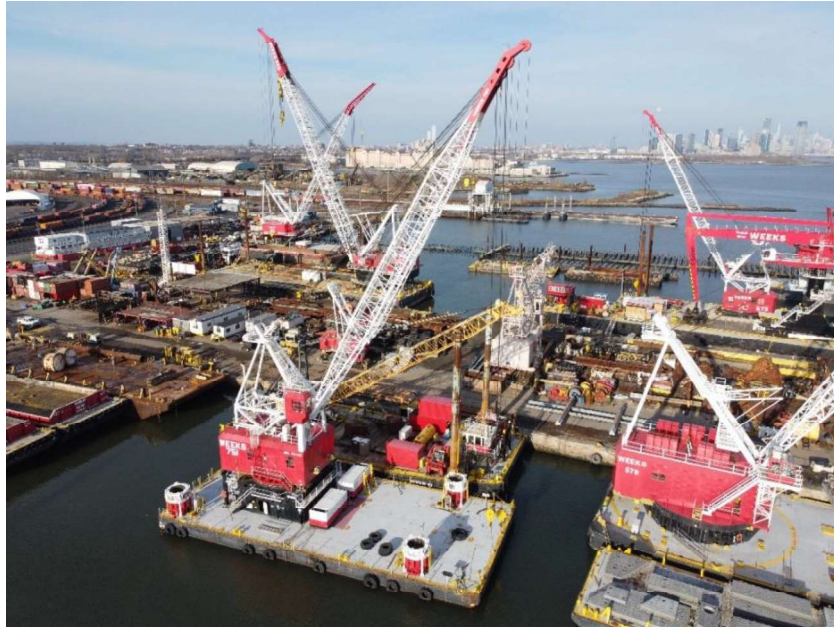


Weeks 751 Dravo 28 Jackup



Crane

Model: Dravo 28

S/N: BD-3022

Year: ?

Main Hoist: Dravo 28 3 drum hoist

Swinger Motor: General Electric 27B618, type MD 410 AE 2, 45 hp, 230V, 525 rpm

Main Hoist Motor: General Electric 27B611, type MD 416 AE2, series, 230V, 135 HP, 495-amp, 410 rpm

Generator Engine: John Deere 6090HFG95

Generator: Magna Plus 432PSI6210, frame 432, 250 kW, 313 KVA, 277/480Y Volts, 376 Amps, 3 phase

Auxiliary Generator Engine: Kubota V3600-T-BG-ET03, 61.7 hp

Auxiliary Generator: Stamford PH44K1, 40 kW, 50 kVA, 208 Volts, 3 phase

Boom: 138'-5" to the main, and 148'-5" to the aux.

Capacity (jacked up): 80-ton main fall, 33-ton aux. fall

Capacity (legs up): 51.5-ton main fall, 33-ton aux. fall

Main Blocks: 8-part

Aux. Block: 3-part

Boom Wire: 1-1/8" 6x19 BRT IWRC EIPS (1x2800')

Main Wire: 1-1/8" 6x19 BRT IWRC EIPS (1x2200')

Aux. Wire: 1-1/8" 6x19 BRT IWRC EIPS (1x900')

Tuggers: Two Brayden PD12Cs

HPU electrical motor: Baldor CH4115T, 50 HP, 230/460 volts, 118/59 amps, 1770 rpm, 3 phase

HPU hydraulic pump: Parker PAVC100R522, 46.75 gpm, 1000 psi

Jack-Up

Size: 130' x 58' x 10'

Year: Hull was originally built in 1975 and was modified in 2002 to fit the jacking legs

Builder: Harve De Grave Shipbuilding and Manufacturing CO

Hull fuel capacity: 30,000 gallons

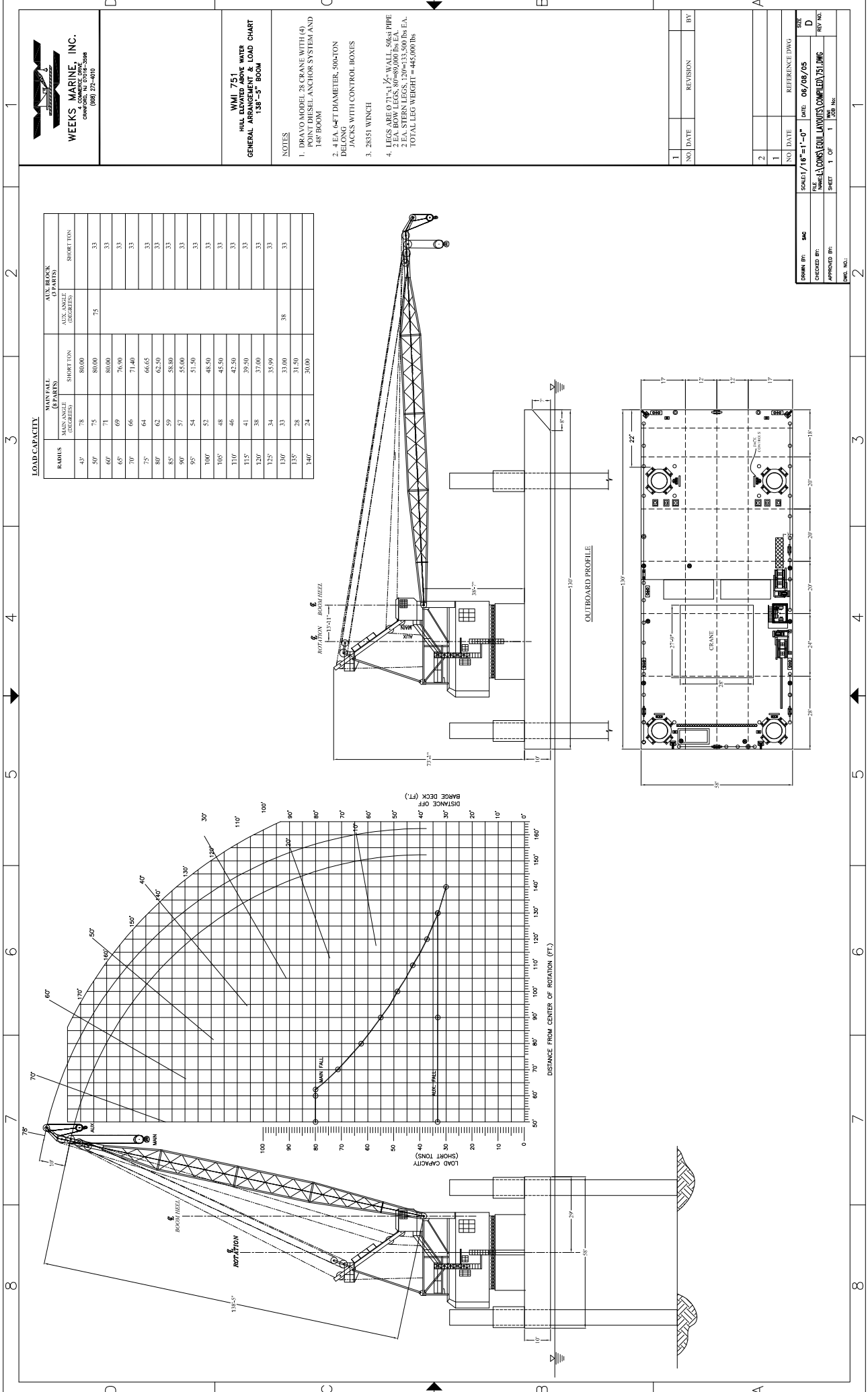
Spud wells: Four spud wells to fit 71" diameter pipe

Jack type: Four Delong D. Type, 522-ton, airbag jacks, with air powered stroking cylinders

Power Source: Two INGERSOLL-RAND XHP1170 compressors, 1170 cfm each, each powered by a Cat C15

Notes:

1. The crane is equipped with an Cranesmart LMI.
2. Crane does have a boom rest which is currently not mounted.
3. The barge has a bathroom in the tube.



LOAD CAPACITY

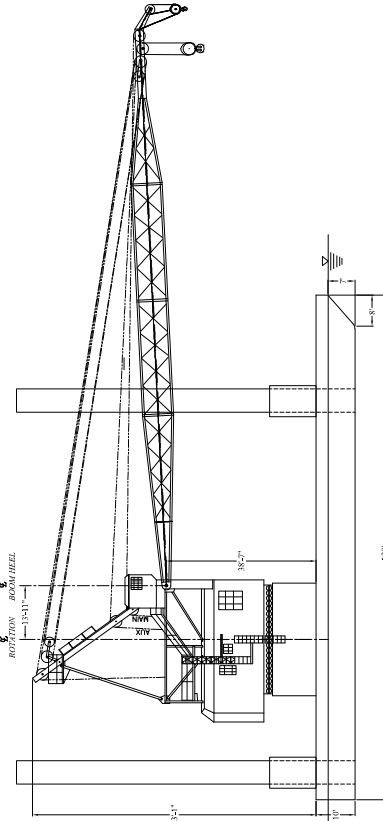
RADIUS	MAIN FALL (8 PARTS)		AUX BLOCK (3 PARTS)	
	MAIN ANGLE (DEGREES)	SHORT TON	AUX ANGLE (DEGREES)	SHORT TON
43°	78	51.5		
50°	75	47.5	75	33
60°	71	42.0		33
70°	66	36.5		33
80°	62	32.0		32.0
90°	57	27.5		27.5
100°	52	24.0		24.0
110°	46	20.3		20.3
120°	38	17.5		17.5
130°	33	15.7	38	15.7
135°	28	15.2	34	15.2



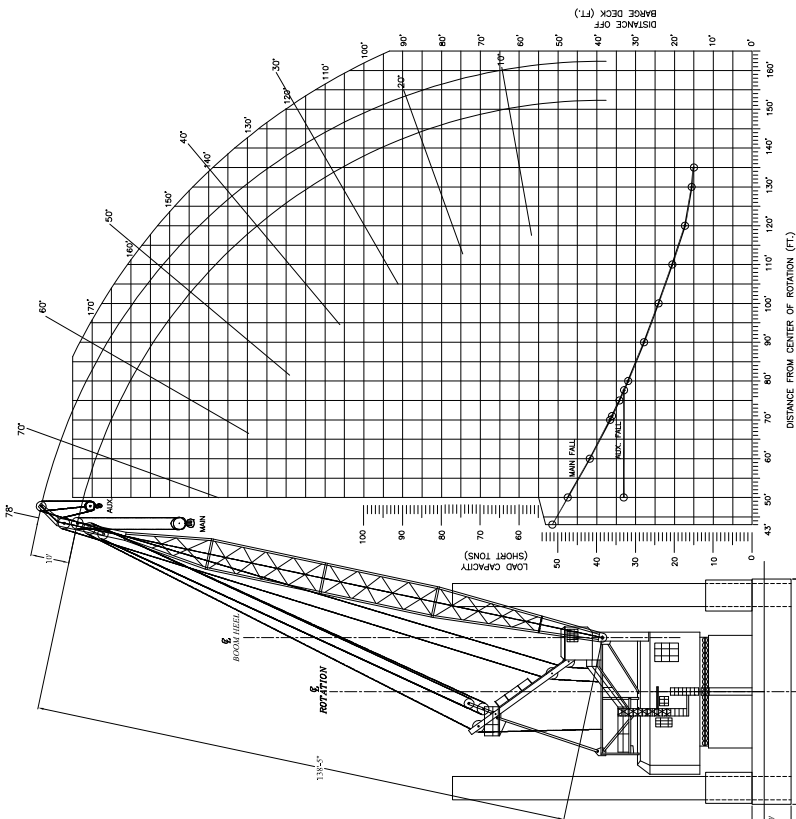
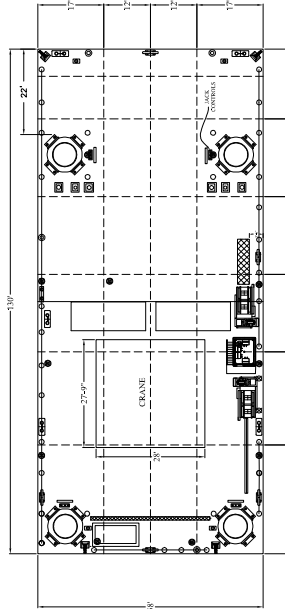
WMI 751
 (HULL FOR CRANE WITH BASE BOTTOM)
 GENERAL ARRANGEMENT & LOAD CHART
 138'-5" BOOM

NOTES

1. DRAYO MODEL 28 CRANE WITH 4-POINT DIESEL ANCHOR SYSTEM
2. 4 EA. 6-FT DIAMETER, 500-TON DELONG JACKS WITH CONTROL BOXES
3. 28351 WINCH
4. LEGS ARE 6 7/8" 1/2" WALL, 50K+ PIPE
 2 EA. ROW LEGS, 80+80,000 lbs EA.
 2 EA. STERN LEGS, 120+133,500 lbs EA.
 TOTAL LEG WEIGHT= 445,000 lbs



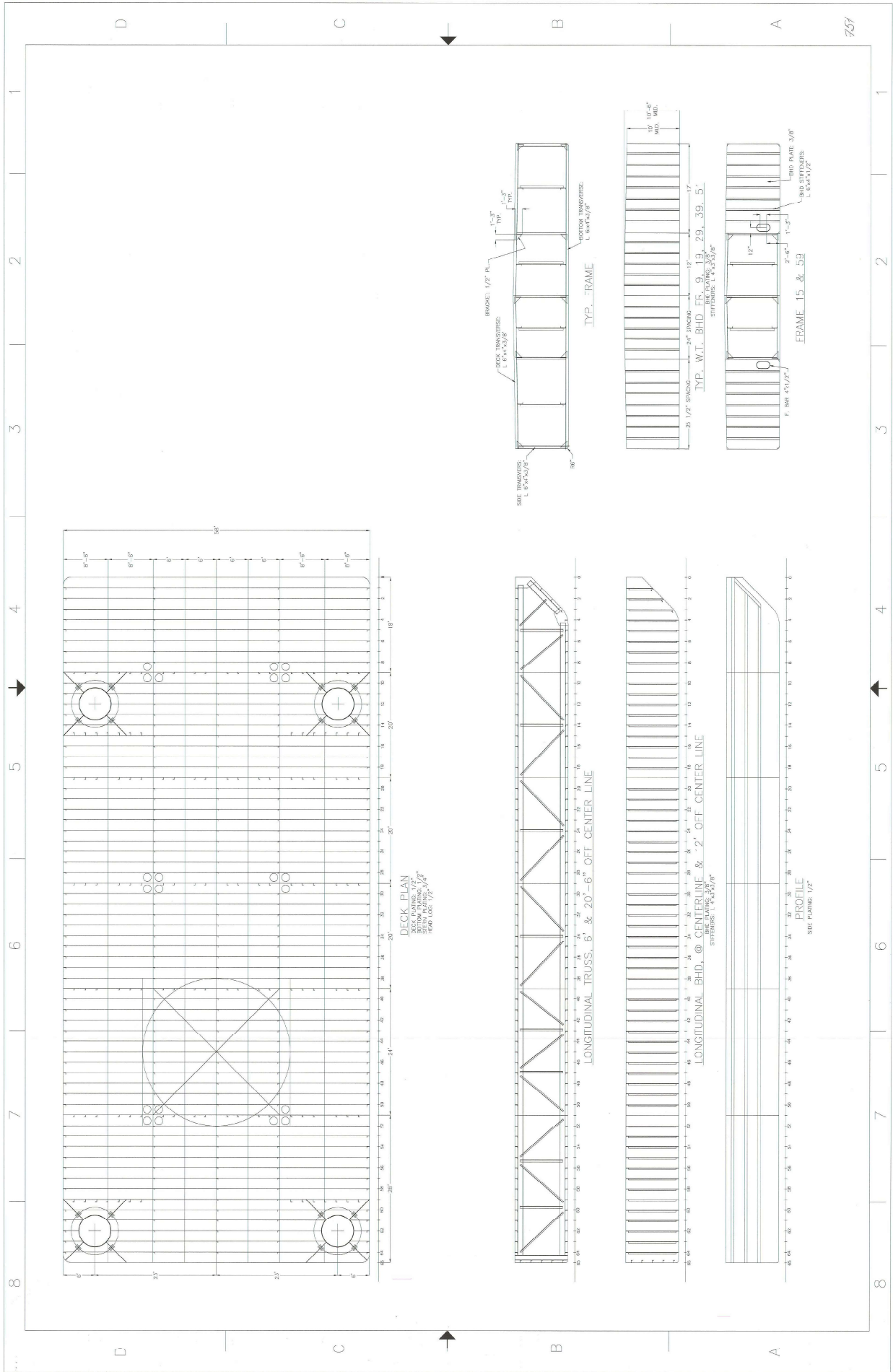
OUTBOARD PROFILE

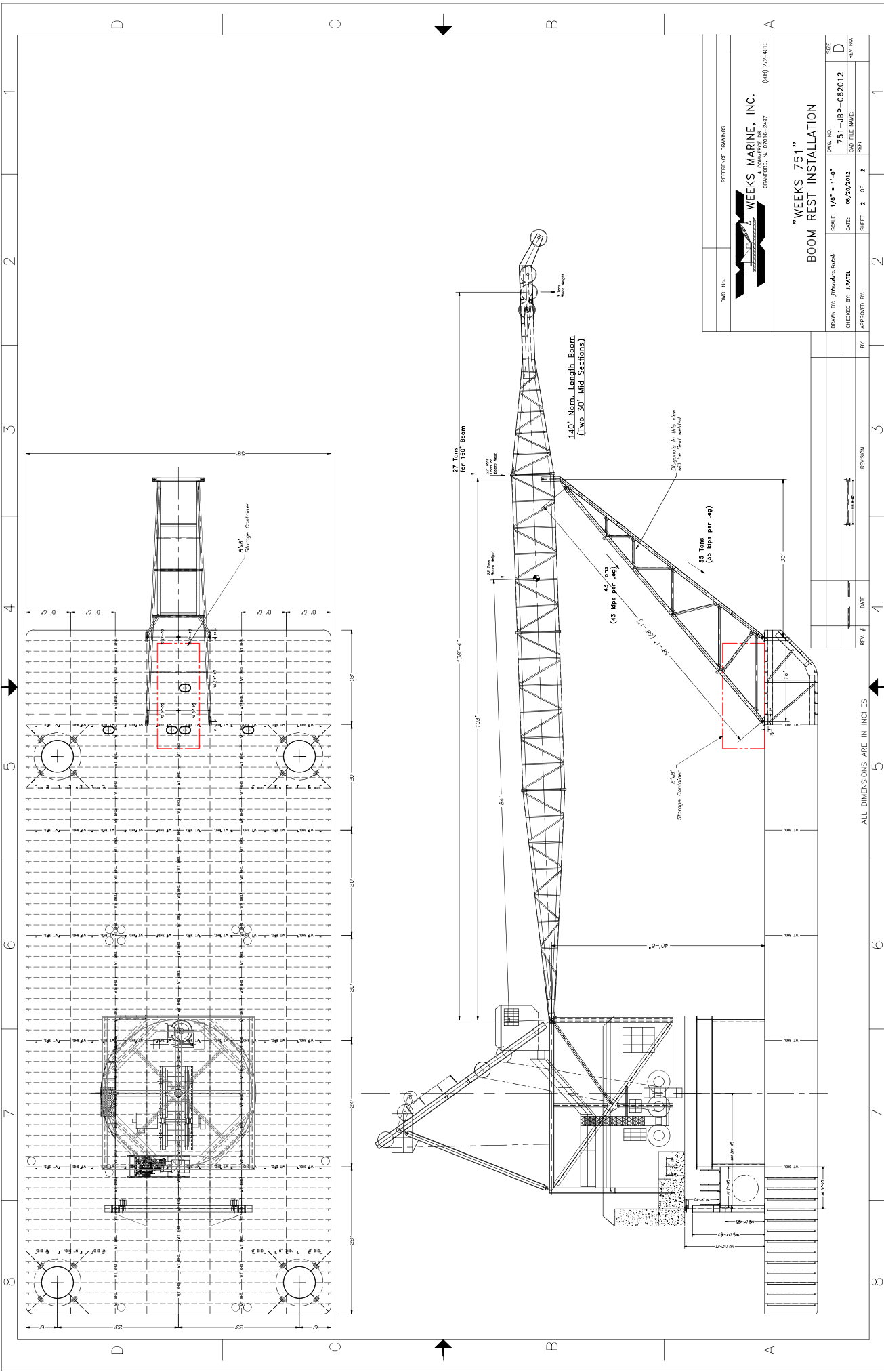


DATE	06/08/05	DATE	06/08/05
CHECKED BY:	WMI 751	CHECKED BY:	WMI 751
APPROVED BY:	WMI 751	APPROVED BY:	WMI 751
SHEET	1 OF 1	SHEET	1 OF 1

NO. DATE	REFERENCE DWG	NO. DATE	REFERENCE DWG
1		1	
2		2	

NO. DATE	REFERENCE DWG	NO. DATE	REFERENCE DWG
1		1	
2		2	





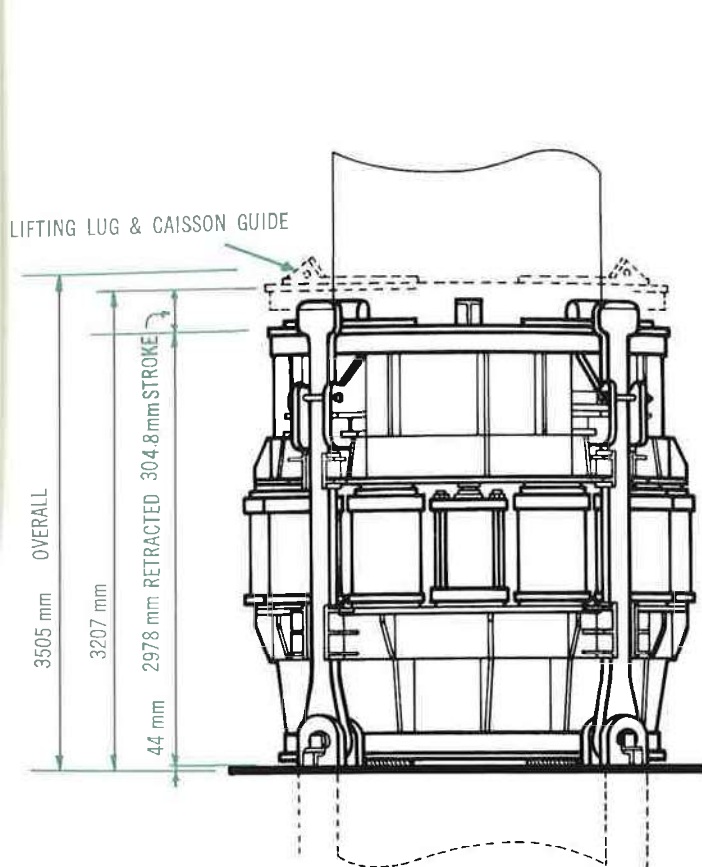
DWG. NO.		REFERENCE DRAWINGS	
			
		WEEKS MARINE, INC. CHANDLER, AL 32218-1497 (800) 272-4010	
"WEEKS 751" BOOM REST INSTALLATION			
DRAWN BY: J. J. J. J. J.	SCALE: 1/8" = 1'-0"	DWG. NO.: 751-JBP-062012	SHEET NO. D
CHECKED BY: J. J. J. J. J.	DATE: 06/29/2012	CAD FILE NAME:	REV. NO.
APPROVED BY:	SHEET 2 OF 2	REF:	

066

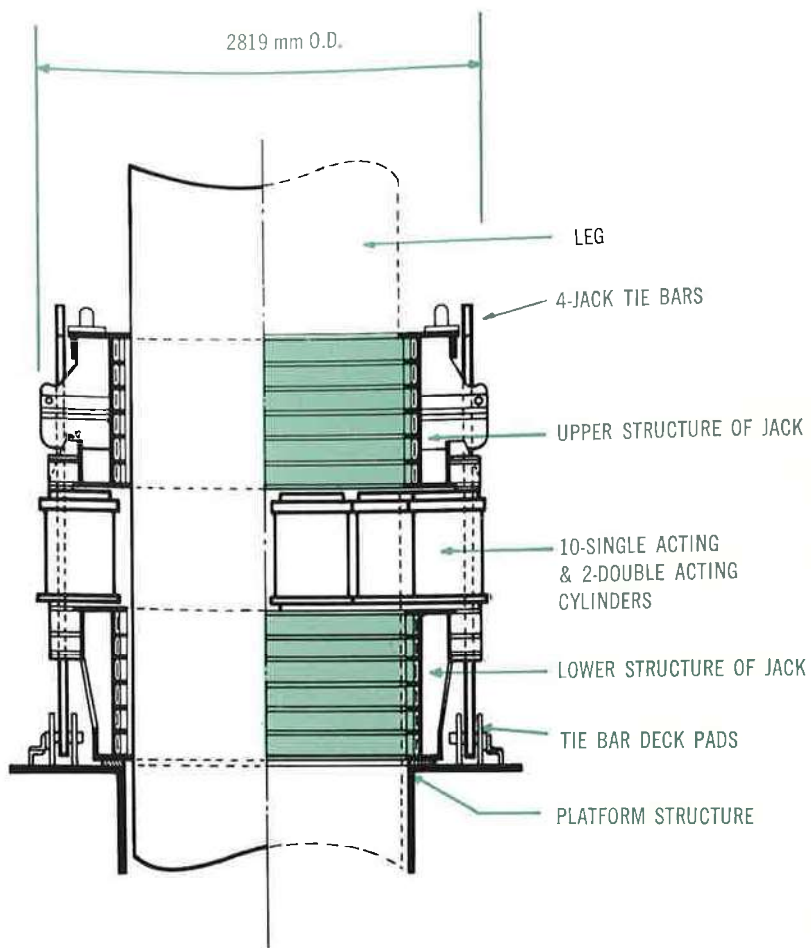
JACK SYSTEM



DE LONG



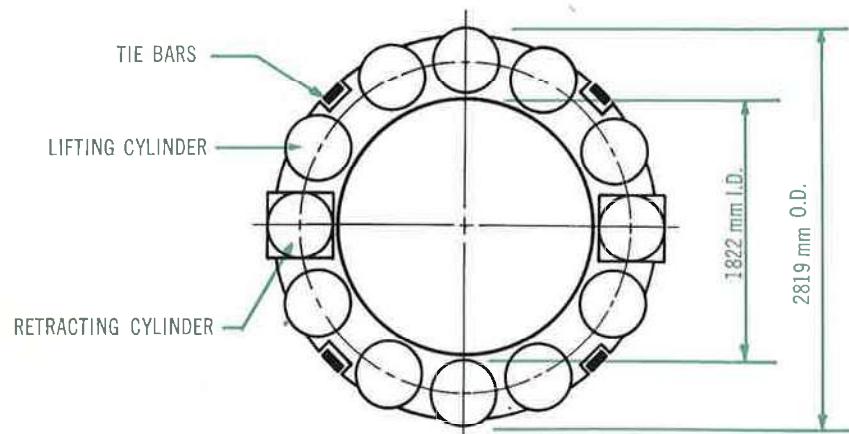
ELEVATION



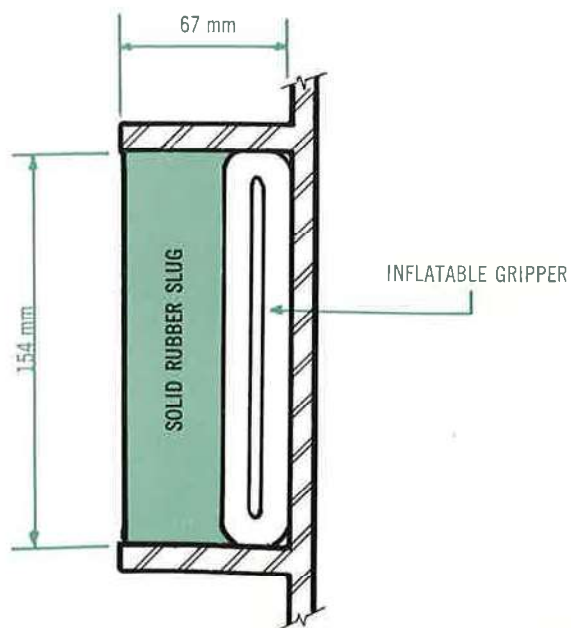
SECTION

Continuous development and improvement of our products is a DeLong policy.

DeLong reserves the right to make changes in design, specifications and construction regardless of any illustrations or descriptions used.



PLAN OF TOP OF LOWER BARREL



GRIPPER SECTION

D66



JACK SYSTEM

SPECIFICATIONS

CAPACITY:

Lifting: 435 metric tons
Holding: 870 metric tons

LIFTING SYSTEM:

Ten (10) 457 mm diameter, single acting pneumatic cylinders with two (2) 457 mm diameter double acting lifting/retracting cylinders operating on 24.7 KG/CM² air pressure. Approximately 4.5 meters per hour lifting speed.

GRIPPING SYSTEM:

Six (6) pneumatic two-piece grippers in each of the upper and lower structures utilizing 24.7 KG/CM² air pressure. Each gripper is individually valved and is replaceable.

LEG COLUMN:

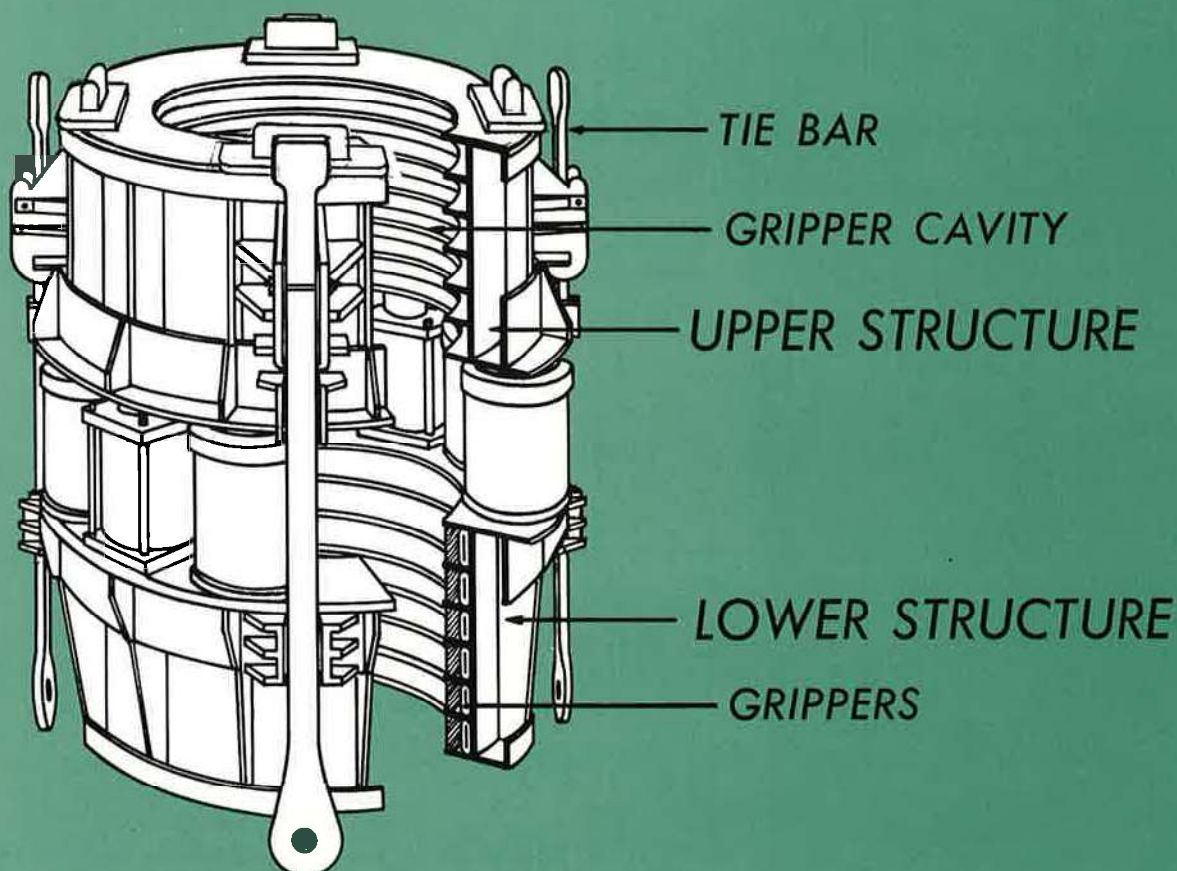
Owner supplied leg requires only a smooth, non-reinforced tube of the desired length to be determined by operating water depth or the height to which the structure is to be lifted.

POWER SOURCE REQUIRED:

Owner supplied air compressors of 400 c.f.m. at 24.7 KG/CM², normally one (1) unit required for each two (2) Jacks.

APPROVALS:

DeLong Jacks are designed to meet American Bureau of Shipping approval requirements for worldwide offshore applications and incorporate components which meet U.S.C.G. requirements.



In Europe, contact:

GEM-HERSENT

32 AVENUE HOCHÉ
75008 PARIS, FRANCE
TEL.: (33.1) 563.11.03
TELEX: GEMHER 660619

DeLONG CORPORATION

29 BROADWAY, NEW YORK N.Y. 10006

TEL.: (212) 422-1275

TELEX: WU 128278

WV: 12-7533

