

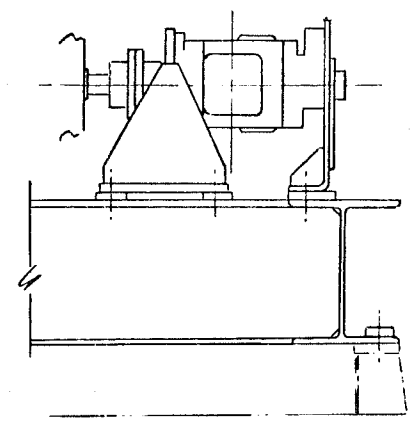
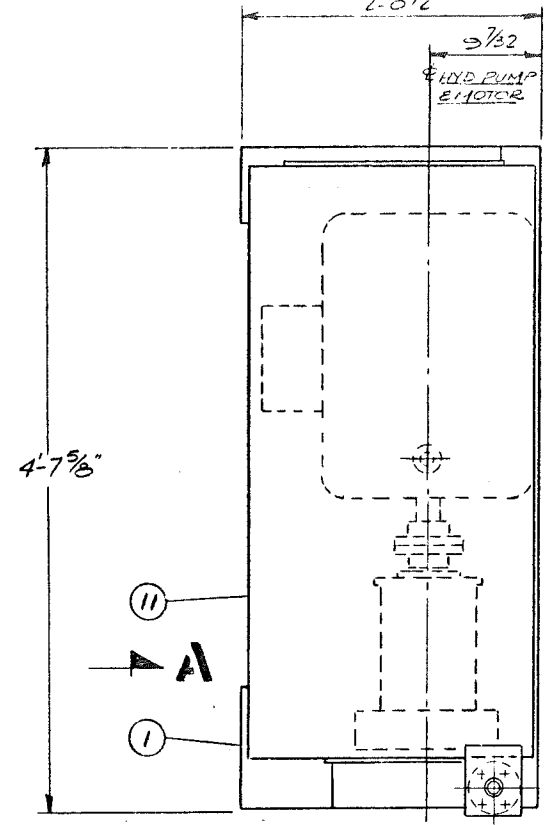
CCGS PIERRE RADISSON

MOORING WINCH

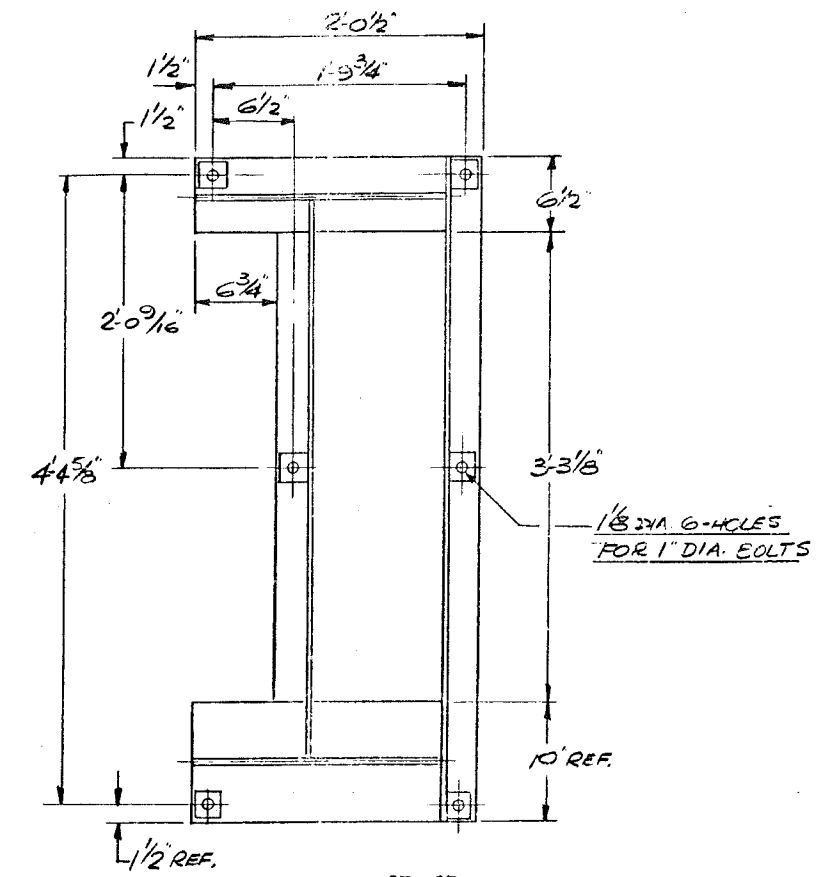
RATING

DRUM DIAMETER	24"
DRUM WIDTH	27"
DRUM CAPACITY OF 1" DIAMETER WIRE ROPE	800'-0"
NUMBER OF LAYERS ON DRUM	FOUR (4)
RATED ROPE PULL	11,200 LB
RATED ROPE SPEED	70 F.P.M.
MAXIMUM ROPE SPEED	200 F.P.M.
WARPING HEAD DIAMETER	18"
RATED PULL AT WARPING HEAD	15,000 LB
RATED SPEED AT WARPING HEAD	52 F.P.M.
COMPENSATOR SETTINGS FOR 11,200 LB PULL:	
PUMP	2100 P.S.I.
MOTOR	1900 P.S.I.

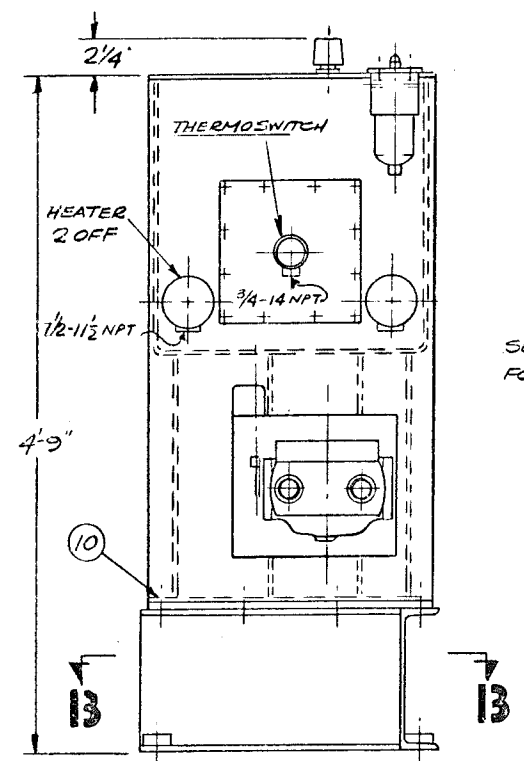
NO	ITEM	DESCRIPTION	QTY	NO	ITEM	DESCRIPTION	QTY



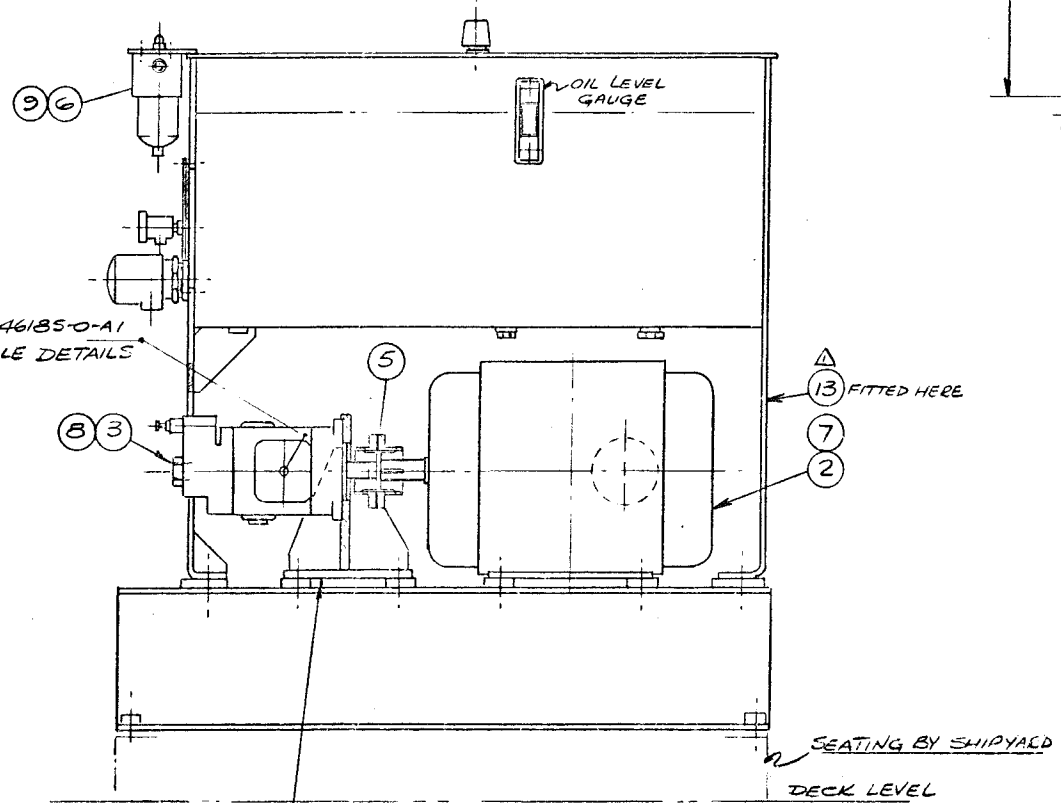
VIEW ON ARROW A



SEC'N B B



SEE DNG 46185-0-A1 FOR CABLE DETAILS



NOTE: POWER PACK INSTALLED IN BELOW DECK ENCLOSURE

NO	ITEM	DESCRIPTION	QTY	NO	ITEM	DESCRIPTION	QTY
1	13	SERIAL NO PLATE	5232-B				
1	12	HYDRAULIC CONNECTIONS	46611-0-A1				
1	11	HYDRAULIC RESERVOIR	4556-C-A1				
8	10	3/4-10NCX1 1/4LG HEX CAP SCREW	GR5				
4	9	5/16-13NCX 3/4LG HEX. CAP SCREW	GR5				
2	8	5/8-11NCX 3/4LG HEX CAP SCREW	GR5				
8	7	5/8-11NCX 2LG HEX CAP SCREW	GR5				
1	6	FILTER JC-4715 1/2 NPT	UCC				
1	5	PAK COUPLING 15320 BORE ONE END 1.25 DIA 3 BORE OTHER END 1.25 DIA 3 BORE WITH 1/2 INCH X 1/2 INCH KEYWAY					
1	4	PUMP SUPPORT	4547-B-A1				
1	3	ASSY 300IN PACKAGE PUMP WITH ROCKET SERV 30000L EARTH COMPENSATED OVERIDE	46612-0-A1				
1	2	ASSY 300IN PACKAGE PUMP WITH ROCKET SERV 30000L EARTH COMPENSATED OVERIDE	46612-0-A1				
1	1	BASE PLATE	46600-A1				
		POWER PACK ASSY	EST N7 1630 LRS				

DO NOT SCALE - IF IN DOUBT ASK
NE PAS MESURER - SI EN DOUTE DEMANDER

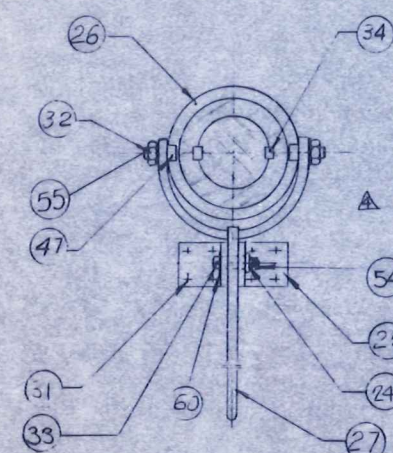
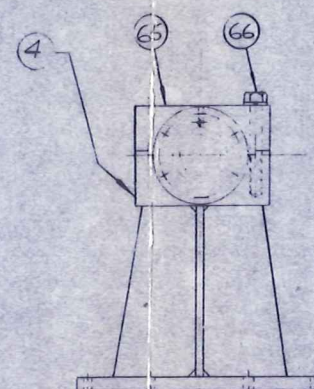
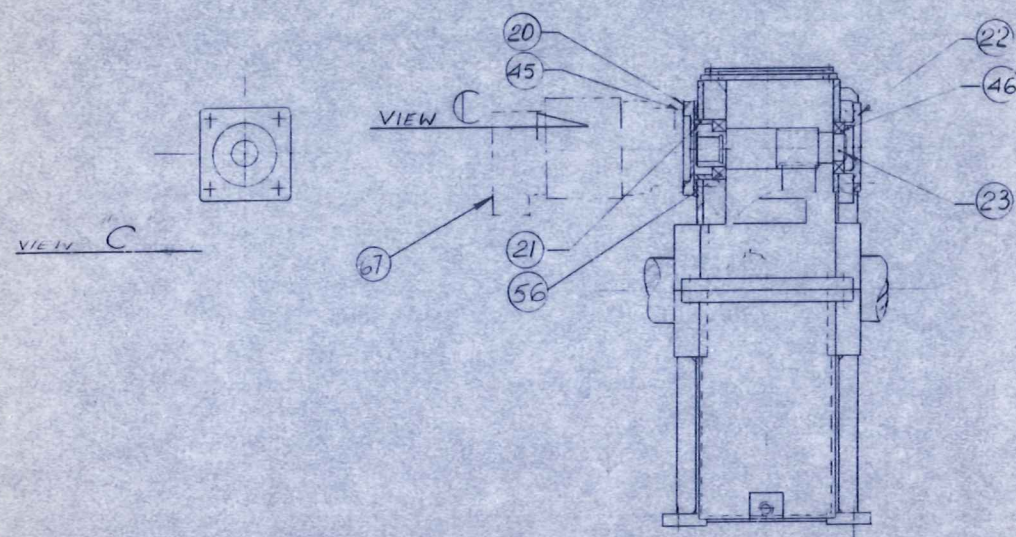
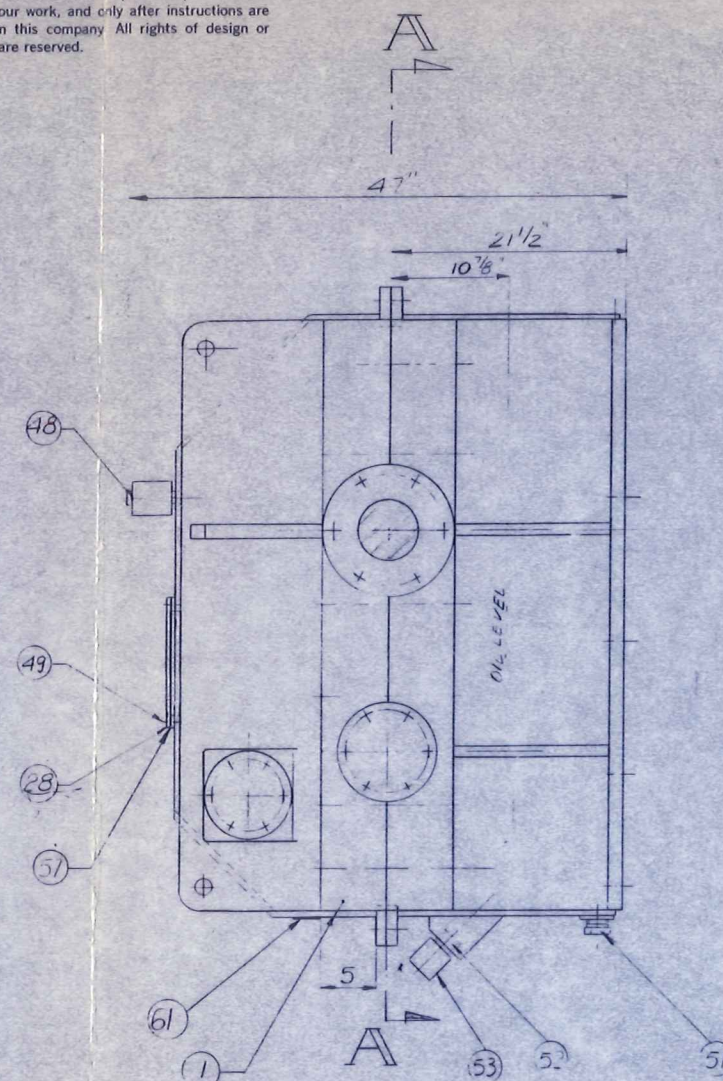
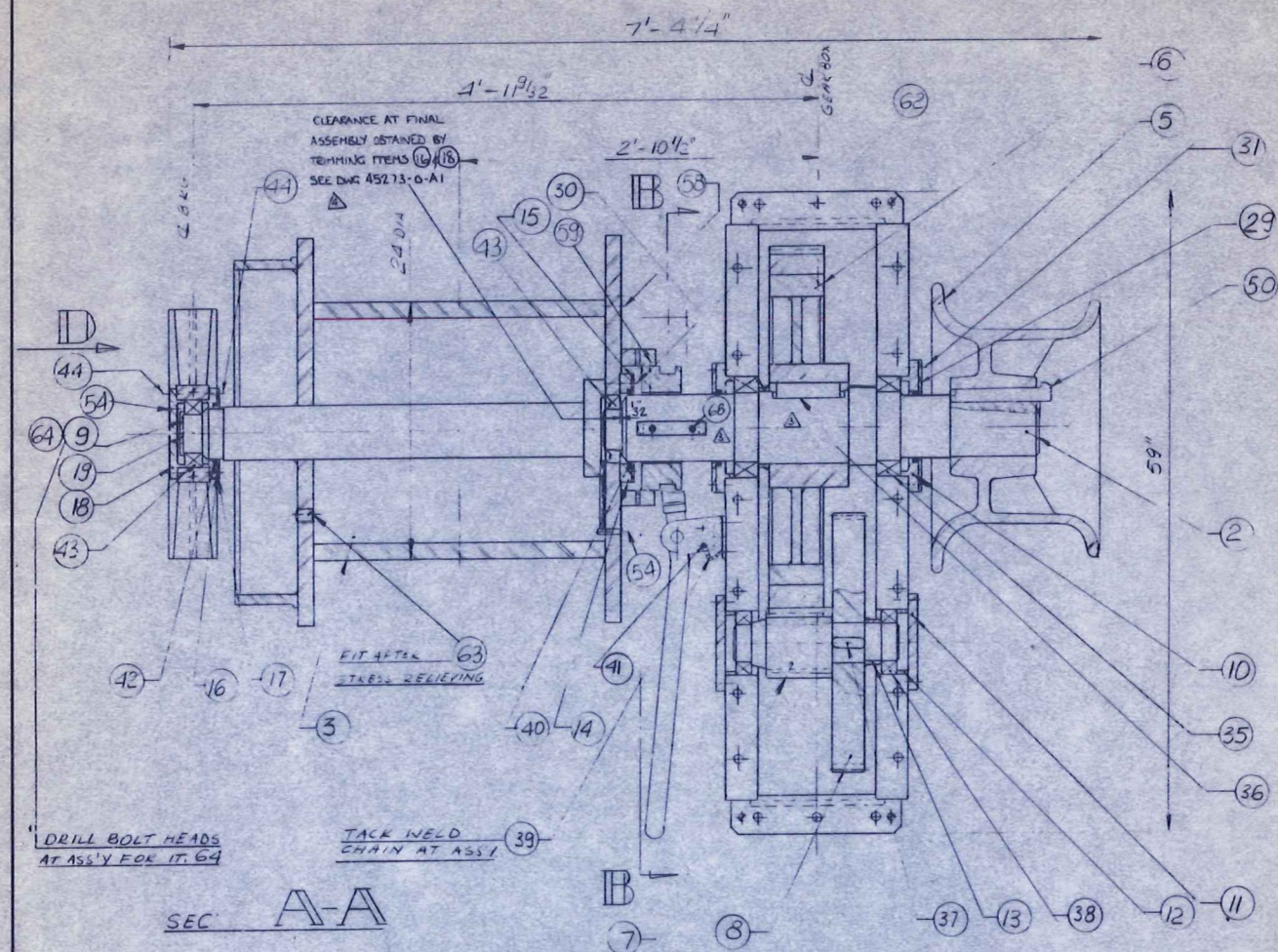
DATE	REVISIONS	DATE	REVISIONS	DATE	REVISIONS

JOHN T. HEPBURN, LIMITED
914 DUPONT STREET, TORONTO, CANADA
MECHANICAL DIVISION
DIVISION MECANIQUE

POWER PACK ASSEMBLY FOR HOORING

HEPBURN

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JOHN T. HEPBURN, LIMITED
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[illegible]

DRAWN BY	LCH	JAN 1976	<div style="text-align: center;">HEPBURN JOHN T. HEPBURN, LIMITED 914 DUPONT STREET, TORONTO, CANADA MECHANICAL DIVISION</div>
CHECKED BY	EA	MAR 1976	
DRAFTING APP	JB	APR 76	
ENG. APP.	JH	12/1/76	
SCALE	1 1/2" = 1'-0"		
REF. DRG.			CUSTOMER BULKARD DLY LOCAL
TITLE GEAR BOX, CLUTCH & SHARPING HEAD, 1551			
MOCKING W/INCH			
SHEET NO.	1	OF 1	DWG. NO. 452670-A1
EST. WGT.	7000	LB.	4

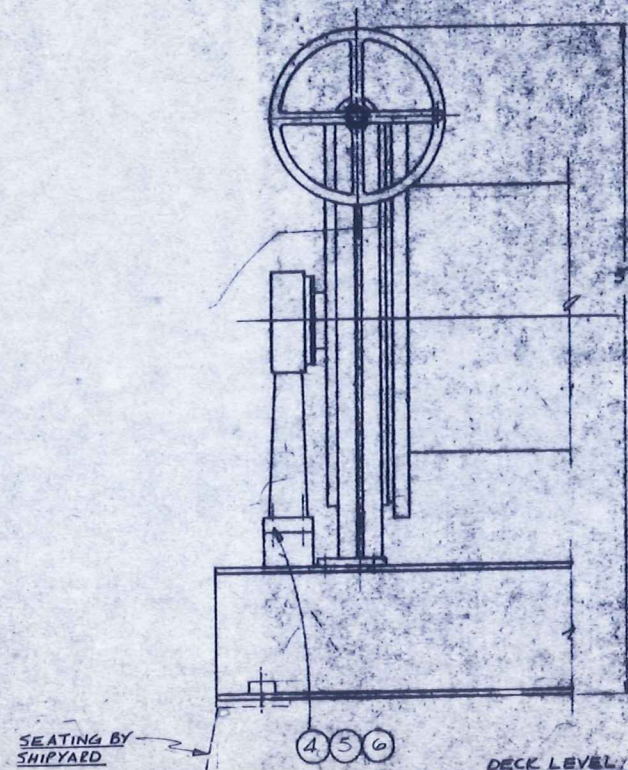
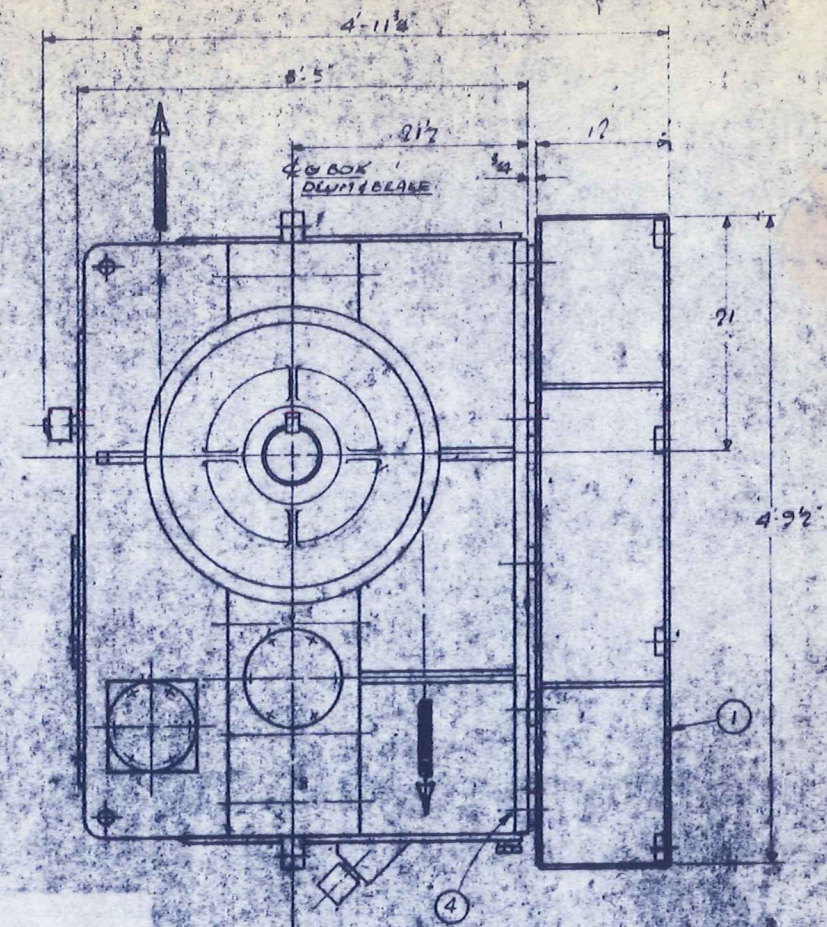
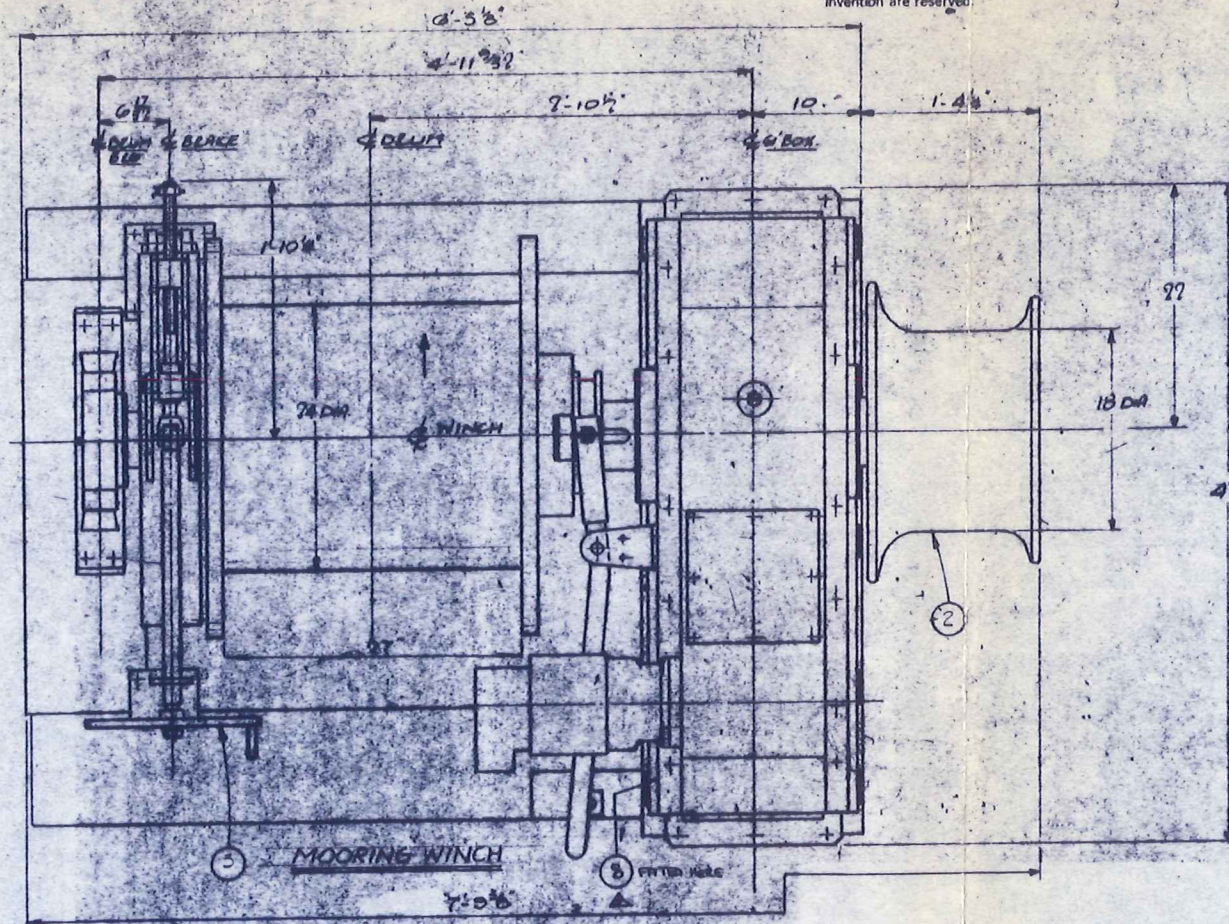
FIG 4.3

DO NOT SCALE—IF IN DOUBT ASK

[illegible]

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DWG. NO. 46607-0-A1



NOTE: FOR ORIGINAL ONE PIECE
 WINCH & POWER PACK ASSY
 SEE DWG 45266-0-A1

FOR DET OF HYDRAULIC CONNECTIONS
 SEE DWG 46611-0-A1

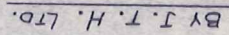
QTY	NO.	DESCRIPTION	QTY	NO.	DESCRIPTION
1	8	SERIAL NO. PLATE	8283-B		
1	7	HYDRAULIC CONNS	46611-0-A1		
3	6	SHIM 1/2 THK	45275-0-A1/B		
1	5	SHIM 1/4 THK	45275-0-A1/B		
18	4	3/4-10 UNC 12 PLG HEX CAPSCL	W/LW	6RS	
1	3	MANUAL BRAKE ASSY	45275-0-A1		
1	2	GEARBOX CLUTCH AND WARPING HEAD ASSY	45267-0-A1		
1	1	BASE	46605-0-A1		
		MOORING WINCH ASSY	ESTWT 8610 LBS		

DRAWN BY		J.T.H.	
CHECKED BY		J.T.H.	
BRACKET APP.		J.T.H.	
ENGR. APP.		J.T.H.	
SCALE 1 1/2" = 1'-0"		CONTRACT NO. 75-M-0551	
REP. DWG 45266-0-A1		CUSTOMER BULLOCK DOCK	
TITLE GENERAL LIGHT-MOORING WINCH			
SHEET NO 1 OF 2		DWG NO 46607-0-A1	
EST. NO 8610		NO 46607-0-A1	

DATE	REVISIONS	BY	CHK	DATE	REVISIONS	BY	CHK	DATE	REVISIONS	BY	CHK	DATE

DO NOT SCALE - IF IN DOUBT ASK

FIG 4.1

[illegible]