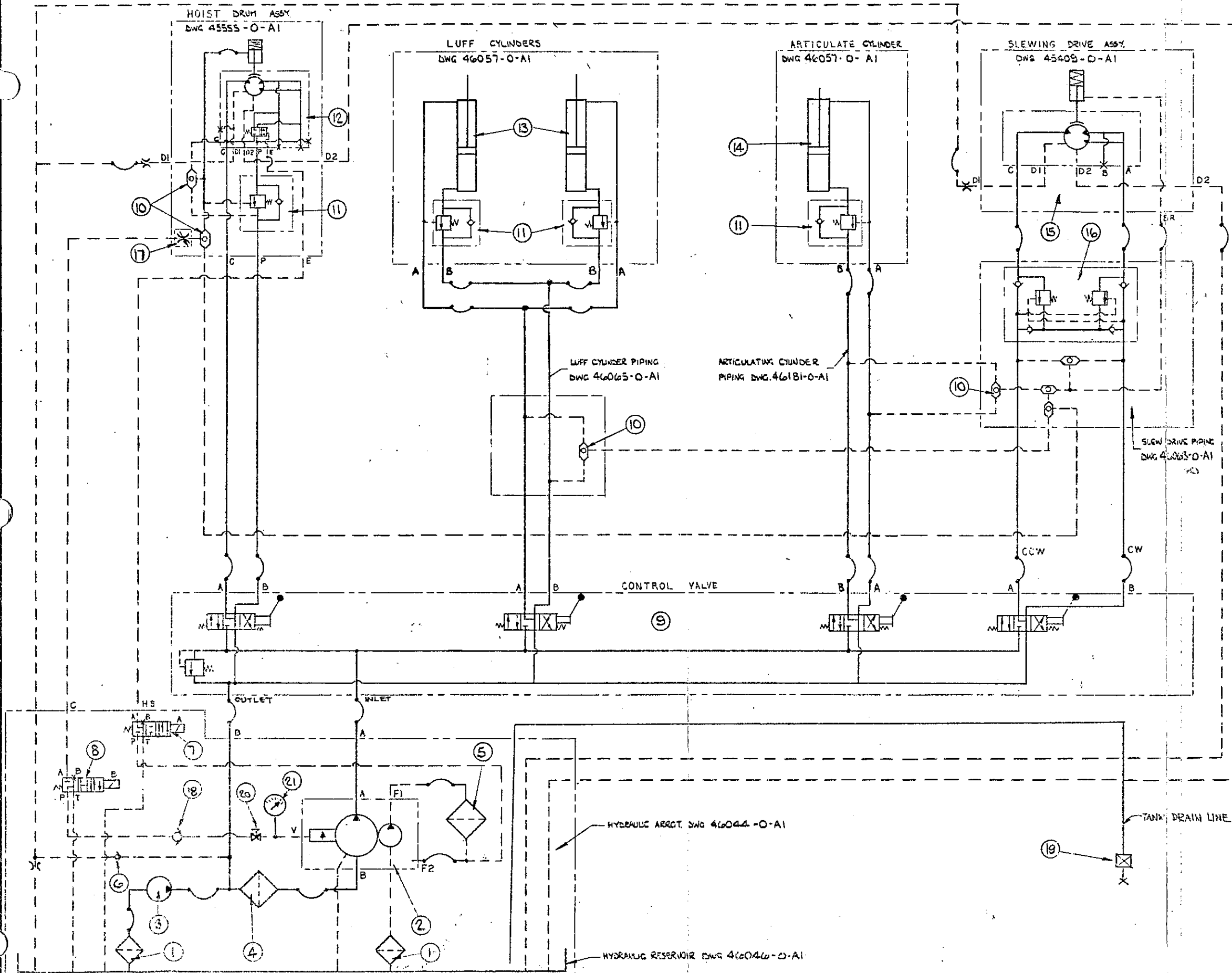


tion with our work, and only after instructions are given from this company. All rights of design or invention are reserved.



QTY.	ITEM	DESCRIPTION	QTY. NO.	MATL	REMARKS	ZONE
1	21	PRESSURE GAUGE 0-5000 PSI				
1	20	NEEDLE VALVE				
1	19	GATE VALVE 1 1/4"	FIG. 310		JENKINS	
1	18	CHECK VALVE 1/4" B-4CPA2-5			SWAGelok	
1	17	NEEDLE VALVE 1/4" NPT # H-400-5-10			PAKKEE	
1	K6	LOCK VALVE 1/2" EEC31-F-K6T-30-5-B8 2.25:1 PILOT RATIO			FLUID CONTROLS	
1	15	HAGGLUND MOTOR No 4170 C/W DOUBLE ACTING BRACE TAB 40-2			HAGGLUND	
1	14	GEORX 851 STROKE - 4" DIA ROD 3000 PSI HEAVY DUTY HYDRAULIC CYL			FOR FLUID POWER	
2	13	GEORX 716 STROKE - 4" DIA ROD 3000 PSI HEAVY DUTY HYDRAULIC CYL			FOR FLUID POWER	
1	12	HAGGLUND MOTOR No 4160 C/W SINGLE ACTING BRACE # FBC-40-2-R 2 TWO SPEED VALVE # VTS-45-B			HAGGLUND	
4	11	HOLDING VALVE # 1E-K6-1P6-K6C-305-1091 WITH STEEL BODY 2.75:1 PILOT RATIO			FLUID CONTROLS	
7	10	SHUTTLE VALVE DSVI-8-B-2			MODULAR CONTROLS	
1	9	DOWTY HUSCO VALVE 4 BANK 4 WAY 3 POSITION MOTOR SPool CLOSED CENTRE SPRING RETURN NO G001-A1-A15-A15-A15-A4 C/W HANDLES R.V. SET TO 3000 PSI.			DOWTY	
1	8	SINGLE SOLENOID VALVE # D2D02-35-115-05-01-1 C/W SUBPLATE MODEL # SSP04-G103 CODE # S16-37033			ABSA SENSON	
1	7	SINGLE SOLENOID VALVE # D2D02-35-115-05-01-1 C/W SUBPLATE MODEL # SSP04-G103 CODE # S16-37033			ABSA SENSON	
1	6	CHECK VALVE # 3CIS-8-45			FLUID CONTROLS	
1	5	FILTER # UC-4715 1/2" NPT			UCC	
1	4	FILTER # RLF 12-055-10"			ABSA SENSON	
1	3	GEAR PUMP # 3P 3180-AP-55-B			DOWTY	
1	2	VARIABLE DISPLACEMENT PACKAGE PUMP C.W. ROTATION. OPEN LOOP MODEL G-01NS # PGP-2R14-300-M42390			ABSA SENSON	
2	1	SUCTION FILTER # UC-5E-1324 NPT			UCC	

DRAWN BY	J.D. JUNE 14 1976	<b>HEPBURN</b>	
CHECKED BY	504 1976	JOHN T. HEPBURN, LIMITED	
DRAFTS APP.	504 1976	914 DUPONT STREET, TORONTO, CANADA	
ENO. APP.	504 1976	MECHANICAL DIVISION	
SCALE	CONTRACT NO	73-P1-0525	
REF. CWD.	CUSTOMER		
TITLE HYDRAULIC SCHEMATIC FOR GRUE			
GRUE			
INSET NO	1 OF 1	DWG. NO	45980-0-A1
REP. WGT.	CR.	NO	3

GRUE

DO NOT SCALE—IF IN DOUBT ASK

[illegible]