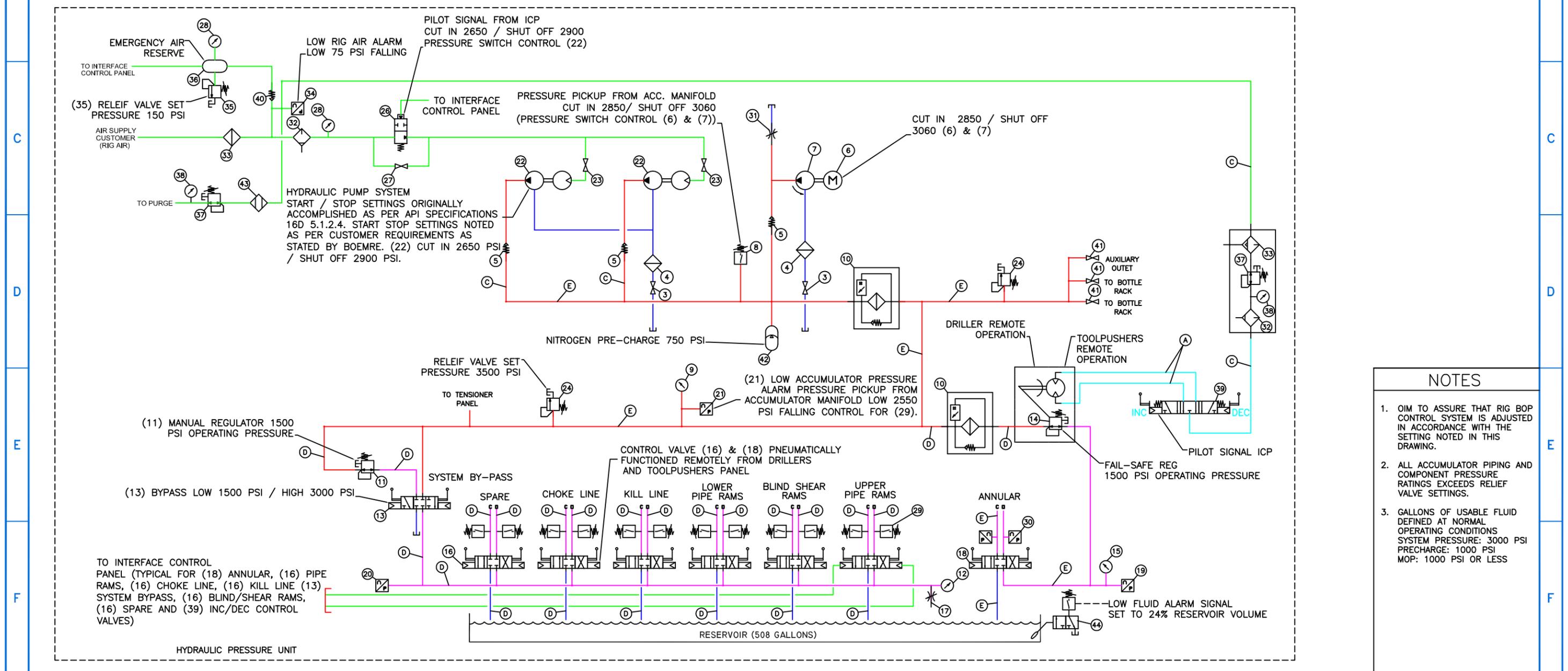


BILL OF MATERIAL					
ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	BLADDER TYPE ACCUMULATOR	15	ANNULAR PRESSURE GAUGE, 0-3000 PSI	30	POS. INDICATORS PRESSURE TRANSMITTER
2	ACCUMULATOR BANK ISOLATION VALVES	16	1" 4-WAY CONTROL VALVE	31	TRIPLEX PUMP NEEDLE VALVE
3	SUCTION VALVE	17	MANIFOLD BLEEDER VALVE	32	AIR LUBRICATOR
4	SUCTION STRAINER	18	1 1/2" ANNULAR 4-WAY CONTROL VALVE	33	AIR FILTER
5	CHECK VALVE	19	ANNULAR PRESSURE TRANSMITTER ASSY.	34	AIR PRESSURE TRANSMITTER ASSY.
6	ELECTRIC MOTOR AND STARTER	20	MANIFOLD PRESSURE TRANSMITTER ASSY.	35	PNEUMATIC RELIEF VALVE (150 PSI)
7	TRIPLEX PUMP	21	ACCUMULATOR PRESSURE TRANSMITTER ASSY.	36	AIR RECEIVER TANK
8	ELECTRIC PRESSURE SWITCH	22	AIR OPERATED HYDRAULIC PUMP	37	PNEUMATIC REGULATOR VALVE
9	ACC. PRESSURE GAUGE, 0-6000 PSI	23	AIR PUMP SUPPLY VALVE	38	PNEUMATIC REGULATOR GAUGE (150 PSI)
10	HIGH PRESSURE FILTER ASSEMBLY W/ CONTAMINANT INDICATOR (25 MICRON FILTER)	24	HYDRAULIC RELIEF VALVE (3500 PSI)	39	PNEUMATIC INC./DEC. CONTROL VALVE FOR HYD. REG.
11	MANIFOLD REGULATOR	25	ACCUMULATOR MANIFOLD BLEEDER VALVE	40	PNEUMATIC CHECK VALVE
12	MANIFOLD PRESSURE GAUGE, 0-6000 PSI	26	PNEUMATIC ACTUATED VALVE	41	AUXILIARY VALVE
13	MANIFOLD REGULATOR BYPASS VALVE	27	PRESSURE SWITCH BYPASS VALVE	42	1 GALLON ACCUMULATOR
14	ANNULAR REGULATOR W/ FAILSAFE AIR REGULATOR	28	2 1/2" GAUGE 0-300 PSI	43	AIR DRYER
		29	POS. INDICATORS PRESSURE SWITCH	44	FLOAT SWITCH

ITEM	SIZE	GRADE	WALL THICKNESS	MATERIAL	ALLOWABLE WORKING PRESS.
A	3/8"		.035 WT	SS	3300 PSI
B	N/A	N/A	N/A	N/A	N/A
C	1/2"		.049 WT	SS	3700 PSI
D	1"	B	SCH. 160	CS	6281 PSI
E	1-1/2"	B	SCH. 160	CS	4800 PSI



- NOTES**
- OIM TO ASSURE THAT RIG BOP CONTROL SYSTEM IS ADJUSTED IN ACCORDANCE WITH THE SETTING NOTED IN THIS DRAWING.
 - ALL ACCUMULATOR PIPING AND COMPONENT PRESSURE RATINGS EXCEEDS RELIEF VALVE SETTINGS.
 - GALLONS OF USABLE FLUID DEFINED AT NORMAL OPERATING CONDITIONS
SYSTEM PRESSURE: 3000 PSI
PRECHARGE: 1000 PSI
MOP: 1000 PSI OR LESS

<p>PROPRIETARY</p> <p>This drawing and the information contained herein is the property of CAD Control Systems. It is not to be copied or reproduced in any manner without written permission from CAD Control Systems</p>	C4	REVISED AS PER BOEMRE (LOW ACCUMULATOR ALARM AT 2550 PSI)	04/07/11	DL	SS	Drawn By	D.LOUVIERE	<p>UNLESS OTHERWISE NOTED TOLERANCES +/-</p> <p>* +/-</p> <p>** +/-</p>	 <p>CAD CONTROL SYSTEMS</p> <p>(337) 369-3737 INFO@CADOIL.COM</p>	<p>HERCULES 265 (FORMERLY SEAHAWK 2602)</p>				
	C3	REVISED PER CUSTOMER COMMENTS	03/07/11	CB	AV	Checked By	A. VIGE							
	C2	UPDATED DRAWINGS AS PER CUSTOMER COMMENTS	11/11/10	DL	DS	Approved By	S. COMB							
	C1	RELEASED FOR CONSTRUCTION	11/01/10	DL	SC	Drawing Date	11/01/10							
	C5	REVISED AS PER CUSTOMER COMMENTS (PO 264-187692)	05/25/11	DL	SS	Rig Number	HERCULES 265							
Rev.	Reason For Issue	Date	Origin	Check	Scale	NTS	Dwg. No.	080280-PSC-2114-01	Ref. Number	080280-PSC	Sht No.	01/01	Rev.	C5