SECURITY CLASSIFICATION

SERVICE DRG. NO.

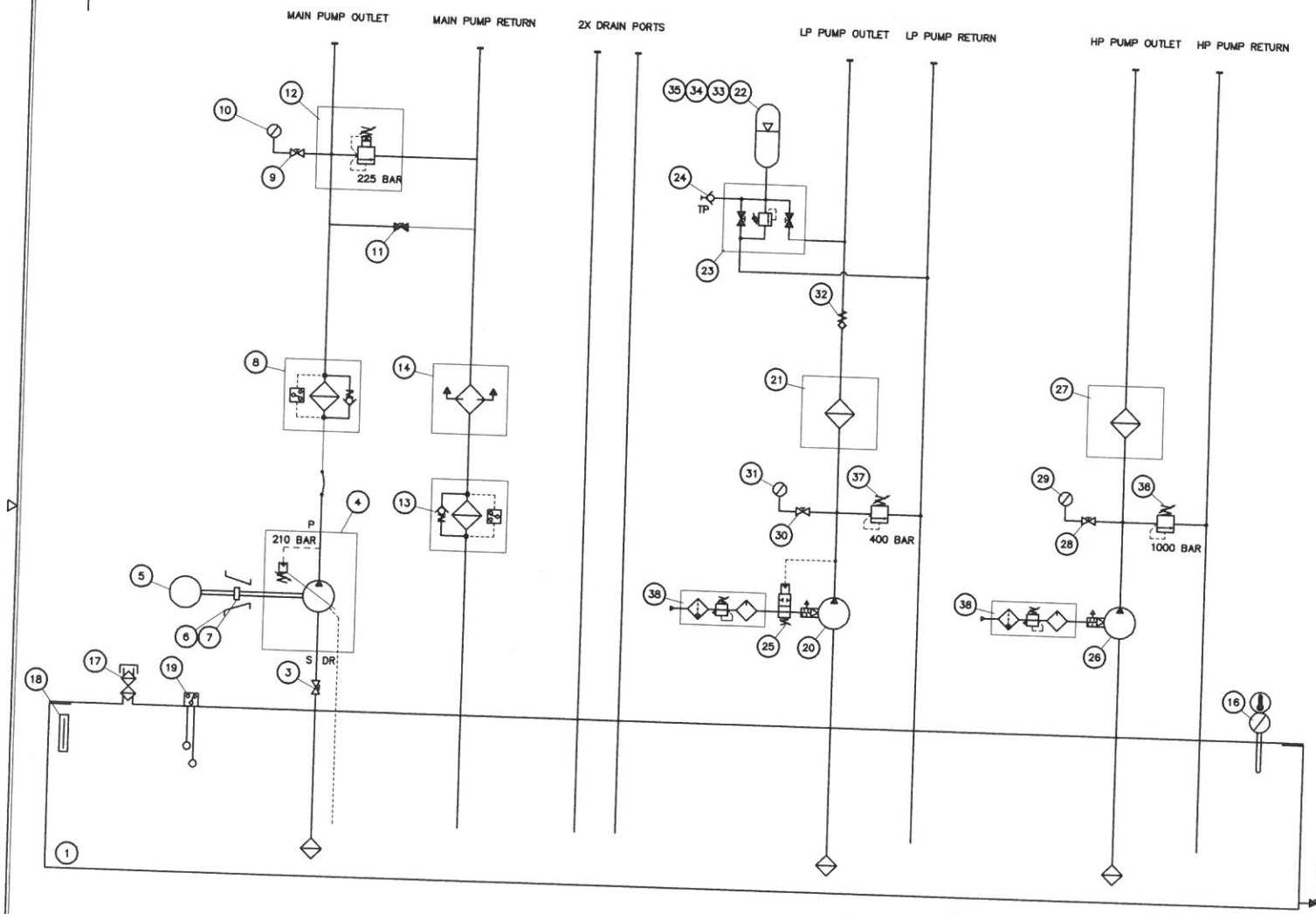
USED ON

3RD ANGLE PROJECTION

ALL DIMENSIONS IN

TOLERANCES

EXCEPT AS STATED



COMPONENT LIST

ITEM No.	DESCRIPTION	PART NUMBER	MAKE
1	250 LITRE RESERVOIR		AS PER DIAGRAM
2	FRAMEWORK C/W LIFTING LUGS AND FORK LIFT POINTS		(NOT SHOWN) REFER 3686-1000
3	SUCTION ISOLATOR - 1 1/2" BSP BALL VALVE	S84H00 - 1 1/2" BSP BALL VALVE	ISIS
4	HYDRAULIC PUMP	PV2024.3086	DYNEX
5	ELECTRIC MOTOR	22KW - 4 POLE 3PH D180L-B35	ABB
6	BELL HOUSING	GGR350/070/165	JBJ TECHNIQUES
7	FLEXIBLE DRIVE COUPLING	JXL 42/12/48/8.2X35	JBJ TECHNIQUES
8	PRESSURE LINE FILTER	HP.171.3VG.30.E.P.G.6.S2. AOR.5,0.P.VA	INTERNORMEN
9	GAUGE ISOLATOR VALVE	95028 - 1/4" BSP 700 BAR	ISIS
10	PRESSURE GAUGE	8210586 - 100MM DIAL 0-400 BAR	ISIS
11	MANUAL DUMP VALVE - 1/2" BSP BALL VALVE	9101004 BKH-G1/2 - 1/2" BSP BALL VALVE	ISISE
12	RELEIF VALVE	RPEC LCN FEV/S	SUN HYDRAULICS
13	RETURN LINE FILTER	TEF.310.10VG.16.S.P.G.S. IS11.0	INTERNORMEN
14	SEAWATER OIL COOLER	GXD-007-L-5-PI-15	JBJ TECHNIQUES
15	RESERVOIR DRAIN VALVE - 3/4" BSP BALL VALVE	S84E00 - 3/4 BSP BALL VALVE	VARIOUS
16	THERMOSTAT - 100MM DIAL 200MM PROBE	3908488	ISIS
17	FILLER BREATHER	CFA22SWCPE	UFI
18	LEVEL / TEMPERATURE GAUGE	CLA12M12NT	UFI
19	LOW OIL LEVEL SWITCH	ATAL-IE-AN1X200	JBJ TECHNIQUES
20	LOW PRESSURE AIR DRIVEN PUMP	LP125-18	HAWE
21	2 MICRON FILTER 3/8"	60F 51HF6 SGS	HIP
22	20 LITRE ACCUMULATOR	SB690-20A1202 U -440D	HYDAC
23	SIZE 20 ACCUMULATOR SAFETY BLOCK	SAF 20 M12 440 A	HYDAC
24	PRESSURE GAUGE	8367035 - 63MM DIAL 0-600 BAR	HYDAC
25	PILOT SWITCH	APS-148-05 - SPECIALLY SET AT 15000PSI	SC HYDRAULIC
26	HIGH PRESSURE AIR DRIVEN PUMP	LP125-8E	HAWE
27	2 MICRON FILTER 1/4"	60F 51HF4 SGS	HIP
28	GAUGE ISOLATOR VALVE	20-11-LF4 NEEDLE VALVE	HIP
29	PRESSURE GAUGE	152MM DIAL 20000 PSI 6PG20	HIP
30	GAUGE ISOLATOR VALVE	95028 1/4" BSP 700BAR	ISIS
31	PRESSURE GAUGE	8418187 - 100MM DIAL 0-600 BAR	ISIS
32	CHECK VALVE	3/8 BSP 60 41HF6 SGS	HIP
33	20 LTR ACCUMULATOR CLAMP	HSS286	HYDAC
34	20 LTR ACCUMULATOR SADLE	3002160	HYDAC
35	20 LTR ACCUMULATOR SUPPORT RING	236996	HYDAC
36	RELIEF VALVE 1650 BAR	20-12LF6	HIP
37	RELIEF VALVE 440 BAR	10-12AF6	HIP

0 50 100 150 MILLIMETRES FULL SIZE

AS DRAWN SCALE

CHANGE	ISSUE	DATE	MOD	CHECKED

MATERIAL	
HEAT TREATMENT	
SURFACE HARDNESS	
MATERIAL TEST	
PROTECTIVE FINISH	
HYDRAULIC TEST PROCEDURE	
CLEANLINESS SPECIFICATION	
QUALITY ASSURANCE GRADE	
PATTERN No	
ESTIMATED MASS	

SCALE
AS SHOWN

ALL THREADS TO CONFORM WITH BS SPECIFICATIONS

SURFACE TEXTURE IN MICROMETRES
√EXCEPT AS STATED

TITLE
22kW ELECTRO/HYDRAULIC POWER PACK
HYDRAULIC SCHEMATIC

NSN

CONTRACTOR K'0'1'0'7

MACSCOTT BOND LTD.

PO BOX 1,HUNTER AVENUE,L.DANHEAD,MIDLOTHIAN EH20 9SP

RESPONSIBLE AUTHORITY

SECURITY CLASSIFICATION

CONTRACTORS DRG. NO. 3686-2003

SHEET NO 1 OF 1

SERVICE DRG. NO.

SHEET NO OF

DRAWN BY	AW	
CHECKED		
	NAME	DATE

THIS DRAWING HAS BEEN PRODUCED USING CAD. NO MODIFICATIONS ARE TO BE UNDERTAKEN UNLESS ON CAD.

S	C	R/A	DRG No ORIGIN	SERVICE DRAWING No	TYPE	SHEET No	ISSUE
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