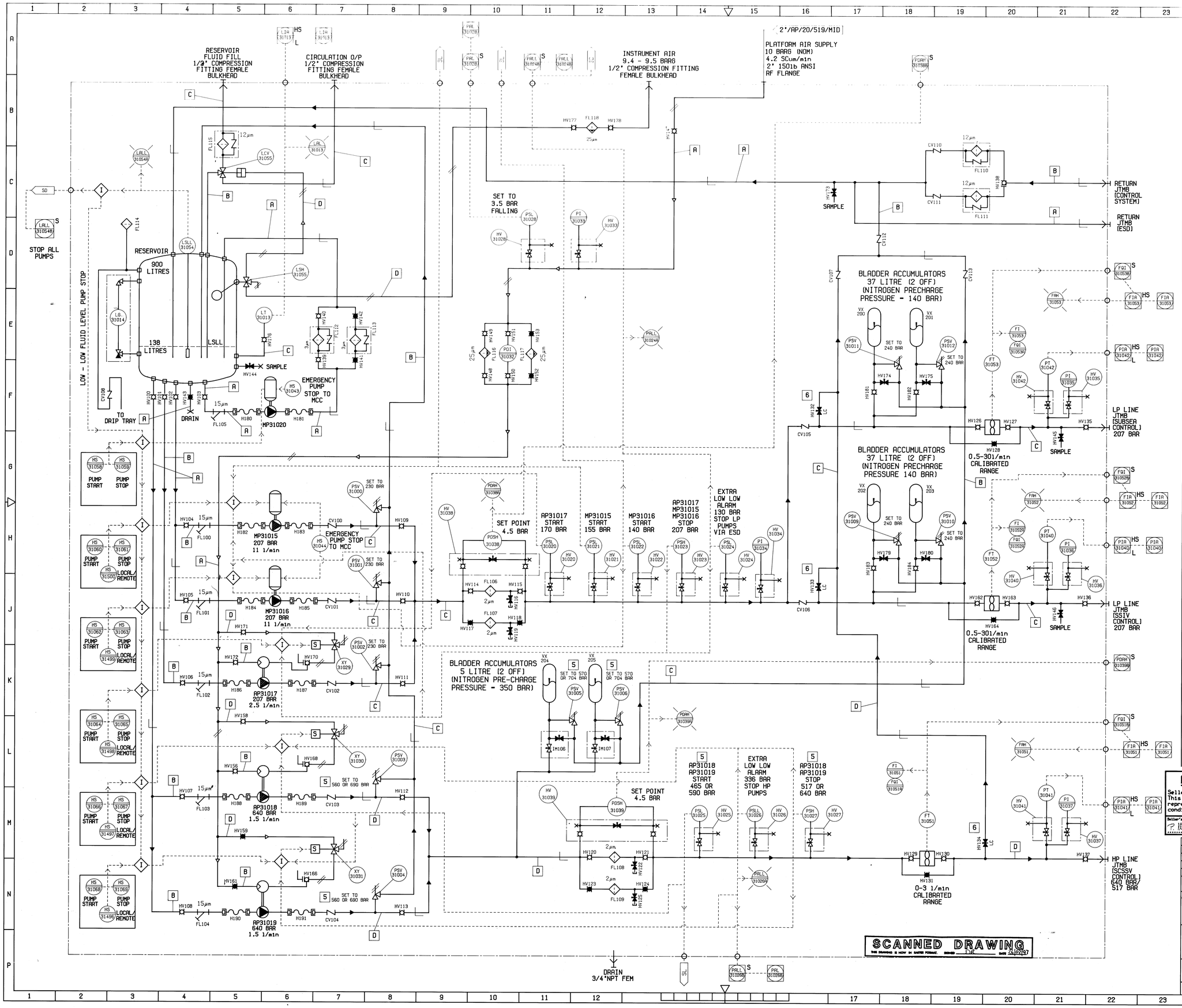

NOTES:

1 HYDRAULIC SYMBOLS: GENERALLY TO ISA S5.1:1981
- NEEDLE VALVE NORMALLY OPEN
- NEEDLE VALVE NORMALLY CLOSED
- BALL VALVE (2 WAY) NORMALLY OPEN
- BALL VALVE (2 WAY) NORMALLY CLOSED
- CHECK VALVE
- BALL VALVE (3 WAY) 1 PORT NORMALLY CLOSED

2 DENOTES LOCAL PANEL MOUNTED ITEM
- S DENOTES ALARM DISPLAYED AT SMCE
- DENOTES ALARM DISPLAYED AT DCS
- SL DENOTES SELLER LOGIC
- SD DENOTES ESD LOGIC

3 TUBE SIZE (ø x WALL) MATL.ST.STL.316
- A 1" X .065"
- B 3/4" X .065"
- C 1/2" X .065"
- D 1/4" X .065" (STRAIGHT LENGTHS ONLY TO BE USED)

4 REFERENCE DRAWINGS:-

GA HYDRAULIC POWER UNIT	FSSL NO. 11-080398-13
SHT.1	AMERADA HESS NO. C0018
SHT.2	C0151
HYDRAULIC FLOW DIAGRAM	FSSL NO. 12-080120-12
HYDRAULIC POWER UNIT	AMERADA HESS NO. D0003
P & I DIAGRAM	FSSL NO. 24-080326-04
J-TUBE MARSHALLING BOX	AMERADA HESS NO. D0004
HYDRAULIC SCHEMATIC	FSSL NO. 12-080163-01
J-TUBE MARSHALLING BOX	AMERADA HESS NO.
SHT.1	F0029
SHT.2	F0030
HPU CIRCULATING PUMP LOGIC DIAGRAM	FSSL No 34-080000-01 AMERADA HESS No F0034
HPU LOW PRESSURE DUTY PUMP LOGIC DIAGRAM	FSSL No 34-080000-02 AMERADA HESS No F0035
HPU LOW PRESSURE STANDBY PUMP LOGIC DIAGRAM	FSSL No 34-080000-03 AMERADA HESS No F0036
HPU LOW PRESSURE MAIN PUMP LOGIC DIAGRAM	FSSL No 34-080000-04 AMERADA HESS No F0037
HPU HIGH PRESSURE PUMP 1 LOGIC DIAGRAM	FSSL No 34-080000-05 AMERADA HESS No F0038
HPU HIGH PRESSURE PUMP 2 LOGIC DIAGRAM	FSSL No 34-080000-06 AMERADA HESS No F0039
ELEC WIRING SCHEMATIC - HPU	FSSL No 24-080407-16
SHT.1	AMERADA HESS No F0018
SHT.2	AMERADA HESS No F0044

5 FOR A SYSTEM WORKING PRESSURE OF 640 BAR ADJUST TO THE HIGHER FIGURE SHOWN
FOR A SYSTEM WORKING PRESSURE OF 517 BAR ADJUST TO THE LOWER FIGURE SHOWN
INSTRUMENTS SHALL BE VARIABLE OVER ABOVE STATED RANGE

6 THE FOLLOWING VALVES ARE LOCKABLE :-
HV132
HV133
HV134

AS SUPPLIED

Sellers statement: This document accurately represents the as supplied condition of the work

Seller's Authorised Signature: P. Whitehead Date: 27/11/91

COMPANY RETURN CODES
- [x] 1. Accepted "As Supplied"
- [ ] 2. Accepted - No Comments
- [ ] 3. Qualified Acceptance - Minor Comments Revise & Resubmit We "As Supplied" Work May Proceed
- [ ] 4. Qualified Acceptance - Minor Comments Revise & Resubmit To Obtain Code 2 Work May Proceed
- [ ] 5. Qualified Acceptance - Major Comments Revise & Resubmit To Obtain Code 2 Work May Proceed
- [ ] 6. Reject - Revise & Resubmit Immediately Work May Not Proceed On The Affected Area
- [ ] 7. Review Not Required

Company's Signature: Date: 1.1.92

AMERADA HESS LIMITED
SCOTT FIELD DEVELOPMENT

Package Desc.	SUBSEA CONTROL SYSTEM
Equip. No.	SH 3101
SDRS Codes	D01
Module	Sht.1 of 1
Purchase Order No.	P0025
Document No	D 0 0 0 3 0 3
Rev	

REV	DWN	DATE	CKD	DATE	ENG.MGR FOR CONSTR	DATE
ECN 8055 AS BUILT	3	AFH 15.11.91	Rory	18/11/91	PJM	27/11/91
ECN 8865	2	AFH 14.11.91	Rory	18/11/91	PJM	27/11/91
ECN 8408 ISSUED FOR MANUFACTURE	1	AFH 11.03.91	ME	02.04.91	PJM	02.04.91
ISSUED FOR CLIENT APPROVAL ECN 8150	B	GTB 17.01.91	PC	23.01.91	—	—
ISSUED FOR INTERNAL REVIEW	A	AFH 10.01.91	PM	12.01.91	—	—

ISSUE DETAILS

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TOLERANCES U.O.S.
GENERAL±1
.X ±0.5
.XX ±0.3
.XXX±0.1
ANGULAR±0.5°

MATERIAL
FINISH
ESTIMATED WEIGHT — kg

TITLE
P & I DIAGRAM - HYDRAULIC POWER UNIT

SIZE A0
DRAWING No. 24-080326-03
ORIGINAL SCALE —
DO NOT SCALE DRAWING
SHEET 1 OF 1

ASSD ON 10-080069-01
ALL DIMENSIONS IN mm U.O.S.