

ITEM	115-P-102 AB (2x100%)
SERVICE	SWEET C4 PUMPS
TYPE	RECIPROCATING
CAPACITY	3.1 m3/h
DIFF. PRESS	26.4 bar
ABSORBED POWER	3.7 kW

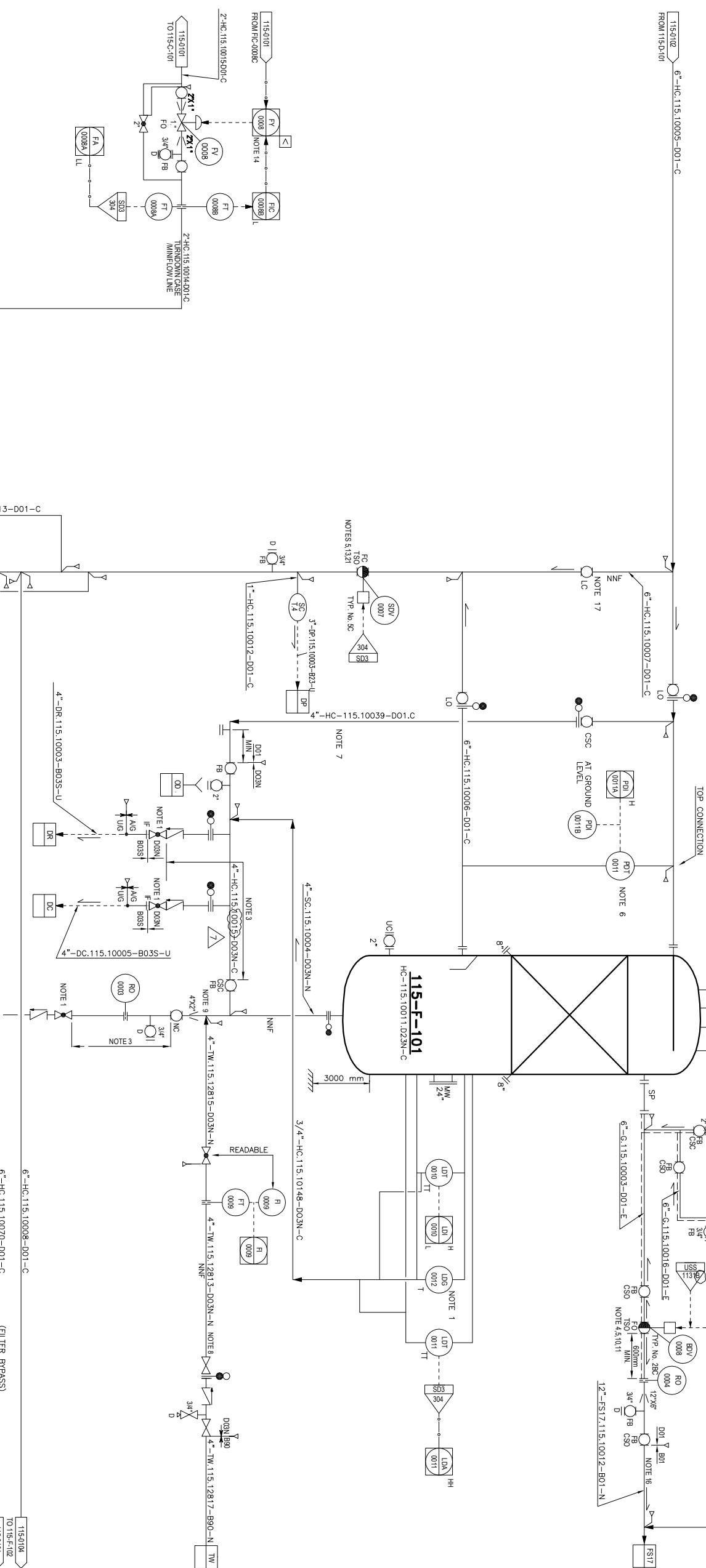
ITEM	115-F-101
SERVICE	C4 SAND FILTER
TYPE	2200 mm x 4850 mm
DESIGN PRESS	24.0 F.V. barg
DESIGN TEMP	85°C
INSULATION	YES

ITEM	115-P-103
SERVICE	C4 TURNDOWN PUMP
TYPE	CENTRIFUGAL
CAPACITY	10.3 m3/h
DIFF. PRESS	6.4 bar
ABSORBED POWER	12.1 kW

- NOTES**
- 1- LUG ON 115-F-101 TO BE READABLE FROM GLOBE VALVES ON DRAIN LINES.
 - 2- SAND BED.
 - 3- PRESENCE OF C4: POSSIBILITY OF FREEZING VALVES IN CASE OF MISOPERATION. MINIMUM DISTANCE BETWEEN 2 VALVES SHALL BE 600 mm.
 - 4- VALVE EQUIPPED WITH AIR RESERVE.
 - 5- FIRE RESISTANT VALVE: ALL INSTRUMENTS BOX PROTECTION, TIRING, CABLES ETC. WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION).
 - 6- LOCATE DELTA P CELL AT LOW POINT. SEE DRAWING LEGS.
 - 7- FILTER BACK WASH DRAIN PIPING.
 - 8- FOR SAND FILTER BACK WASHING.
 - 9- CONNECTION ON TOP OF THE LINE.
 - 10- AIR RESERVE TO BE SIZED TO BE ABLE TO COMMAND FOR 3 STROKES VALVE OPERATING DURING AIR INSTRUMENT FAILURE.
 - 11- VALVE LOCATED AT HIGH POINT
 - 12- DELETED
 - 13- ISOLATION VALVE TO BE LOCATED AT MINIMUM DISTANCE FROM 115-F-101.
 - 14- SEE SPECIAL LOOP DESCRIPTION IN SECTION 4 OF PROCESS DATA BOOK.
 - 15- SPARE RELIEF VALVE STORED IN WAREHOUSE.
 - 16- TWO PHASE FLOW LINE NEED FOR REINFORCED ANCHORING.
 - 17- SAND FILTER BY-PASS FOR MAINTENANCE.
 - 18- FOR FILTER ARRANGEMENT REFER TO TABLE "A" ON PID-1718-998-0003-0006.
 - 19- OPERATOR TO START THE PUMP WHEN IT IS NECESSARY.
 - 20- PSV, PULSTON DAMPENER AND ALL REQUIRED ACCESSORIES AS PER PROJECT SPECIFICATION SHALL BE SUPPLIED BY PUMP VENDOR.
 - 21- SDAV4007 CLOSED INDICATION TRIPS SWEET C4 PUMP.
 - 115-P-102AB AND C4 TURN DOWN 115-P-103 WHEN RUNNING.

- GENERAL NOTES**
- ALL INSTRUMENT TAGS TO READ:
- LETTERS: NUMBER
- 1151 FFFF NNNN

- HOLDS**
- 1- DELETED.
 - 2- DELETED.
 - 3- DELETED.



EQUIPMENT LIST		
FILTER	PUMP	
115-F-101	115-P-102AB	
	115-P-103	

UTILITY PID NUMBER		
FS17	PID-1718-186-004-0004	DC PID-1718-186-004-0005
DP	PID-1718-186-004-0005	DR PID-1718-186-004-0005
TW	PID-1718-186-004-0003	SC PID-1718-186-004-0005

REV	DATE	DESCRIPTION	ORIG	PREP	CHKD	APPRD	AUTHZ
7	28/06/13	APPROVED FOR CONSTRUCTION	QIEC	SD	SM	SM	RM
6	07/05/12	APPROVED FOR CONSTRUCTION	QIEC	SM	MA	MA	RM
5	28/11/10	APPROVED FOR CONSTRUCTION	QIEC	SM	MA	MA	AMP
4	09/10/10	APPROVED FOR CONSTRUCTION	QIEC	SM	MA	MA	AMP
3	22/02/08	APPROVED FOR DESIGN	QIEC	SM	MA	MA	AMP
2	03/06/05	ISSUED FOR COMMENT	QIEC	SM	MA	MA	AMP
1	28/11/08	APPROVED FOR DESIGN	WP	SH	AI	BRV	BC
0	03/06/05	ISSUED FOR HAZOP	WP	SH	AI	BRV	BC

SOUTH PARS GAS FIELD DEVELOPMENT P HASES 17&18
ASSALUYEH-IRAN
ONSHORE FACILITIES



PROJECT No: POCG-S4-801-244	DOC. CLASS	1	SCALE	N/A
WorleyParsons	IDRO	QIEC	100%	

UNIT 115: BUTANE TREATMENT AND DRYING
FILTERATION SECTION
PIPING AND INSTRUMENT DIAGRAM

DRAWING No.	PID-1718-115-0030-0103	REVISION	7
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