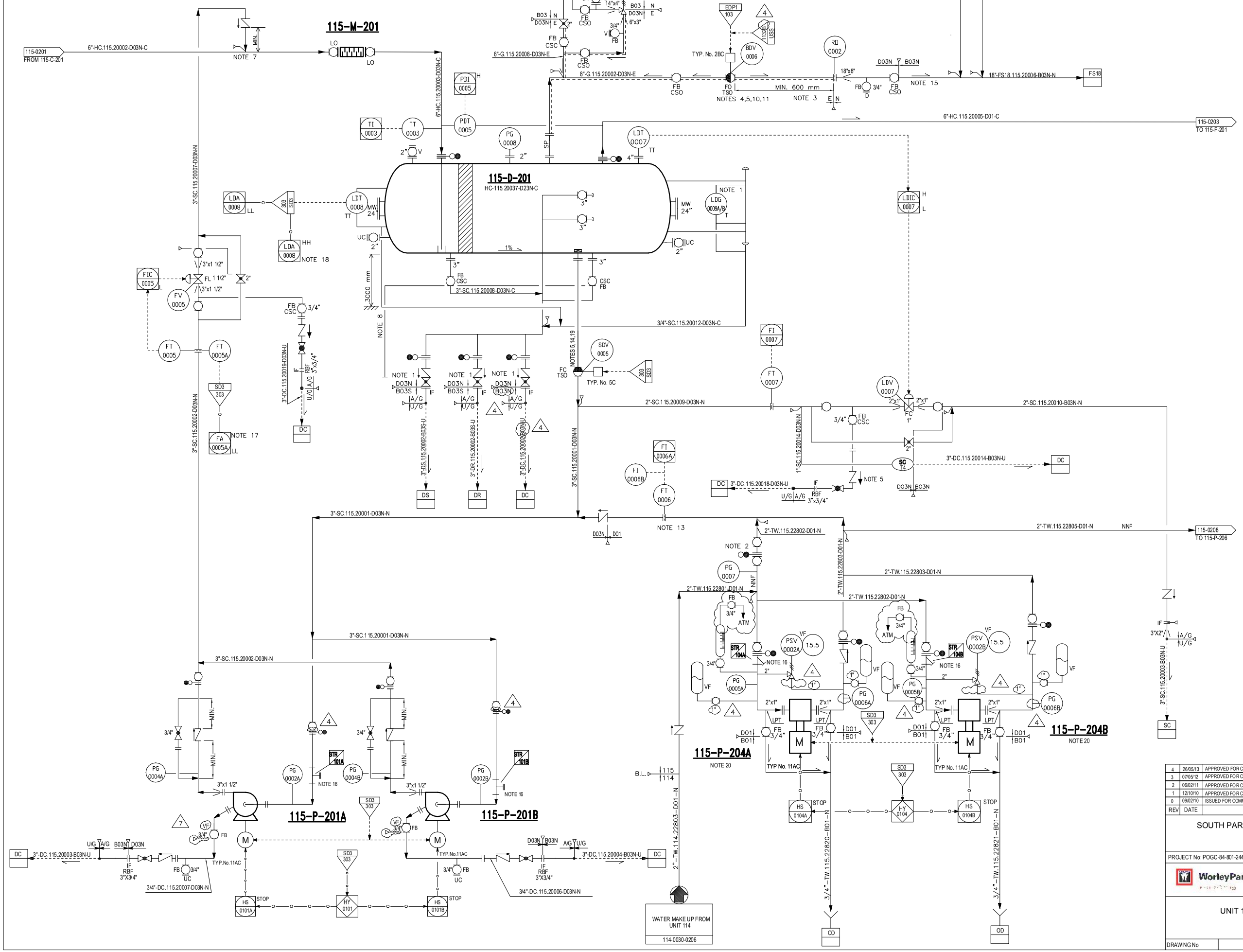
ITEM	115-D-201
SERVICE	C4 WATER WASH DRUM
IDXTL.TL	2300 mm X 9200 mm
DESIGN PRESSURE	24.0 /FV barg
DESIGN TEMPERATURE	85°C
INSULATION	YES

ITEM	115-P-201 A/B (2x100%)
SERVICE	C4 WATER CIRCULATION PUMPS
TYPE	CENTRIFUGAL
CAPACITY	10.0 m3/h
DIFFERENTIAL PRESSURE	3.8 bar
ABSORBED POWER	3.3 kW

ITEM	115-M-201
SERVICE	C4 EXTRACTOR STATIC MIXER
DESIGN PRESSURE	24.0 bar g
DESIGN TEMPERATURE	85°C

ITEM	115-P-204 A/B (2x100%)
SERVICE	C4 WATER MAKE-UP PUMPS
TYPE	RECIPROCATING
CAPACITY	0.2 m3/h
DIFFERENTIAL PRESSURE	3.5 bar
ABSORBED POWER	3 kW



NOTES

1 - LDG ON 115-D-201 TO BE READABLE FROM GLOBE VALVES,ON VESSEL DRAINS.
2 - BY-PASS FOR C4 WATER WASH DRUM FILLING DURING START-UP.
3 - LINE TO BE DRAINABLE TO 115-D-201 OR TO 115-F-201 TO AVOID WATER ACCUMULATION IN LOW POINTS.
4 - VALVE EQUIPPED WITH AIR RESERVE.
5 - FIRE RESISTANT VALVE (ALL INSTRUMENTS, BOX PROTECTION, TUBING,CABLES, ETC. WILL BE SELECTED AND CLASSIFIED ACCORDING TO THIS PROTECTION.
6 -DELETED.
7 - CONNECTION ON TOP OF THE LINE.
8 - PRESENCE OF LPG. POSSIBILITY OF FREEZING VALVES IN CASE OF MISOPERATION. MINIMUM DISTANCE BETWEEN 2 VALVES SHALL BE 600 mm.
9 - SPARE RELIEF VALVES STORED IN WAREHOUSE.
10- VALVE LOCATED AT HIGH POINT.
11- AIR RESERVE TO BE SIZED TO BE ABLE TO COMMAND FOR 3 STROKES VALVE OPERATING DURING AIR INSTRUMENT FAILURE.
12- DELETED.
13- TO BE LOCATED FAR FROM PUMPS. FLOWRATE IS ADJUSTED MANUALLY
14- ISOLATION VALVE TO BE LOCATED AT MINIMUM DISTANCE FROM 115-D-201.
15- TWO PHASES FLOW LINES, NEED FOR REINFORCED ANCHORING.
16- FOR FILTER ARRANGEMENT REFER TO TABLE "A" ON PID-1718-999-0030-0006
17- ON LOW LOW FLOW DUTY PUMP IS STOPPED AND STANDBY PUMP STARTED. IF AFTER 30 SECONDS FLOW REMAINS LOW LOW, BOTH PUMPS ARE TRIPPED.
18- LAHH-0008 IS ALARM ONLY.
19- SDV-0005 CLOSED INDICATION TRIPS C4 WATER CIRCULATION PUMPS 115-P-201A/B WHEN RUNNING.

20-PSV , PULSATION DAMPENER AND ALL OTHER REQUIRED ACCESSORIES (AS PER PROJECT SPECIFICATION) SHALL BE SUPPLIED BY PUMP VENDOR.

GENERAL NOTES

ALL INSTRUMENT TAGS TO READ:
LETTERS NUMBER
1152 FFFF NNNN

HOLDS

1- DELETED.
2- DELETED.
3- DELETED.

THIS P&ID IS BASED ON DRAWING NO. 115-5PD-2/8 SUPPLIED BY AXENS.

EQUIPMENT LIST

DRUM	MIXER	PUMPS	
115-D-201	115-M-201	115-P-201A/B	
		115-P-204A/B	

UTILITY PID NUMBER

DC	PID-1718-186-0040-0205
DR	PID-1718-186-0040-0205
FS18	PID-1718-186-0040-0204
SC	PID-1718-186-0040-0205

REV	DATE	DESCRIPTION	ORIGI	PRPD	CHTD	APP'D	AUTHTD
4	26/05/13	APPROVED FOR CONSTRUCTION	OIEC	SD	SM	SM	RM
3	07/05/12	APPROVED FOR CONTRUCTION	OIEC	SM	MHM	SM	RM
2	06/02/11	APPROVED FOR CONTRUCTION	OIEC	SM	MA	MMF	AAP
1	12/10/10	APPROVED FOR CONTRUCTION	OIEC	SM	MA	MMF	AAP
0	09/02/10	ISSUED FOR COMMENT	OIEC	SM	MA	MMF	AAP

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

POGC

PROJECT No: POGC-84-801-244	DOC. CLASS 1	SCALE: N/A

WorleyParsons | IDRO | OIEC | IOEC

UNIT 115:BUTANE TREATMENT AND DRYING - PHASE 18
WATER WASH DRUM (TRAIN 2)
PIPING AND INSTRUMENT DIA/GRAM

DRAWING No.	PID-1718-115-0030-0202	REVISION	4