

ITEM 115-F-202
SERVICE C4 SAND GUARD FILTER
DESIGN PRESS 240 bar g
DESIGN TEMP 85°C

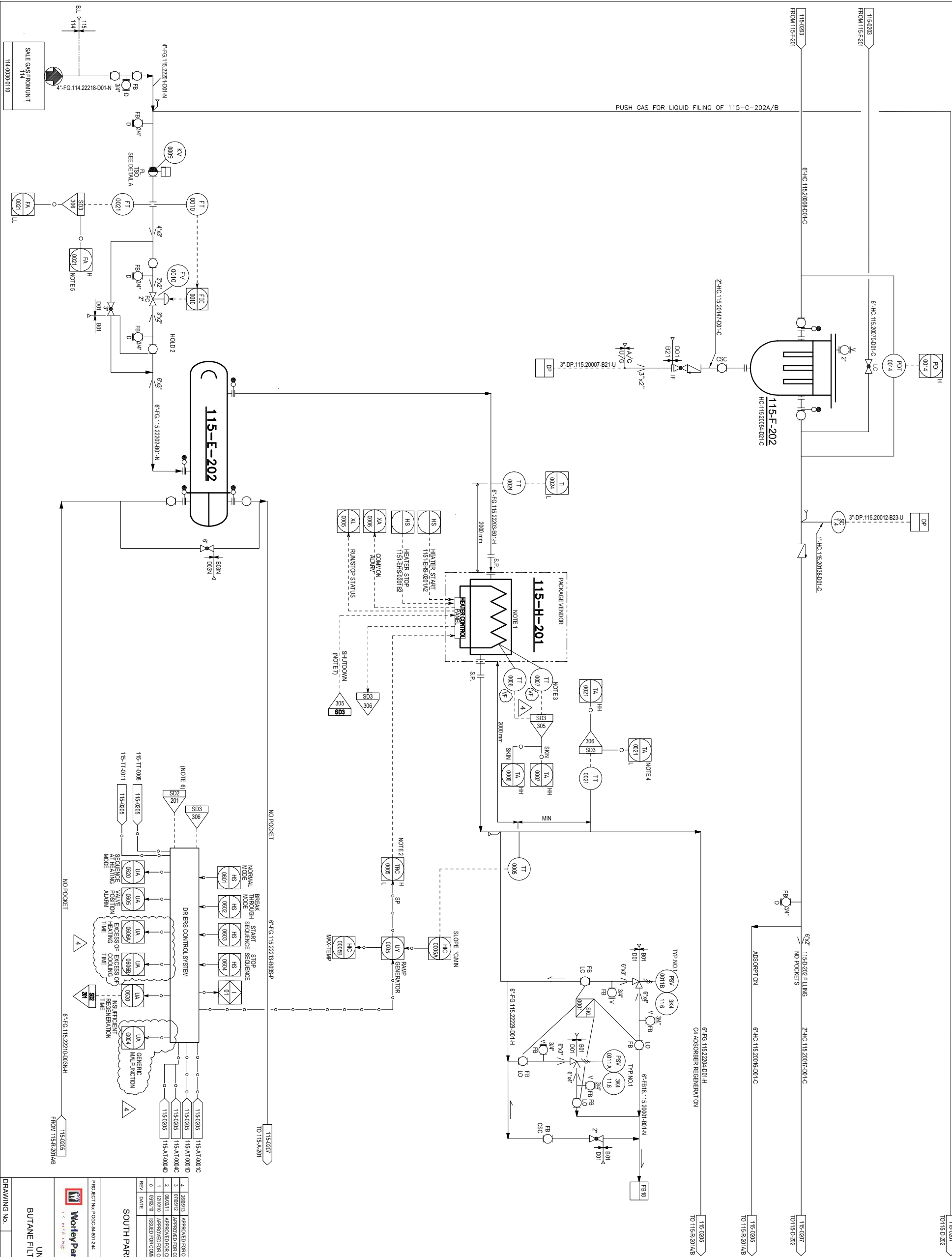
ITEM 115-E-202
SERVICE C4 MOLECULAR SIEVES FEED/EFFLUENT EXCHANGER
TYPE AEU OR BEU
DUTY / SURFACE 0.428 MM / 20.1 m²
DESIGN PRESS 240 bar g
DESIGN TEMP 200°C
INSULATION H H

ITEM 115-H-201
SERVICE C4 MOLECULAR SIEVES REGENERATION ELECTRICAL HEATER
DUTY 504.2 kW
DESIGN PRESS 11.7 bar g
DESIGN TEMP 340°C

- NOTES
- 1- INSTRUMENTS AND CONTROL SYSTEM FOR EACH HEATER PASS WILL BE FINALIZED AFTER RECEIVING VENDOR DATA.
 - 2- RAMP OPERATION IS REQUIRED.
 - 3- VOTING SYSTEM SPS IS ACTIVATED BY AT/FASTTWO TSH.
 - 4- TA-0021 LOW TEMPERATURE IS ALARM ONLY.
 - 5- FA-0021 HIGH FLOW IS ALARM ONLY.
 - 6- F THE ADSORPTION PHASE END, BEFORE REGENERATION PHASE IS FINISHED, THESE QUENCH IS STOPPED AND UNIT 115 WILL BE SHUTDOWN.
 - 7- IN CASE OF HEATER TRIP, ALL VALVES IN REGENERATION CYCLE TO BE CLOSED.

HOLDS

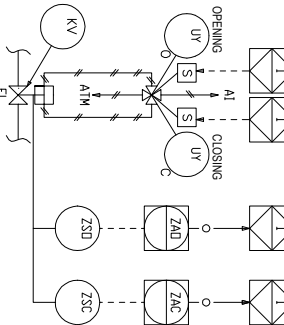
- 1- DELETED.
- 2- CONTROL VALVE AND BYPASS VALVE SIZE.



GENERAL NOTES

ALL INSTRUMENT TAGS TO READ:
LETTERS NUMBER
1152 FFF NNN

DETAIL A (ON/OFF VALVE)



THIS P&ID IS BASED ON DRAWING NO. 115SPD-48 SUPPLIED BY AXENS.

EQUIPMENT LIST

EXCHANGER	FILTER	HEATER
115-E-202	115-F-202	115-H-201

UTILITY PID NUMBER

FB18	PD-1718-186-0040024
DP	PD-1718-186-0040025

4	286512	APPROVED FOR CONSTRUCTION	QRC	1	SD	SM	SM	RM
3	070512	APPROVED FOR CONSTRUCTION	QRC	1	SM	MM	MM	RM
2	080211	APPROVED FOR CONSTRUCTION	QRC	1	SM	MM	MM	RM
1	120110	APPROVED FOR CONSTRUCTION	QRC	1	SM	MM	MM	RM
0	090210	SIGNED FOR COMMENT	QRC	1	SM	MM	MM	RM

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



PROJECT NO. POCG-SH-801-244

DOC. CLASS 1

SCALE: N/A



UNIT 115: BUTANE TREATMENT AND DRYING
BUTANE FILTRATION & REGENERATION ELECTRICAL HEATER (TRAIN 2)
PIPING AND INSTRUMENT DIAGRAM

DRAWING NO. PID-1718-115-0030-0204

REVISION 4