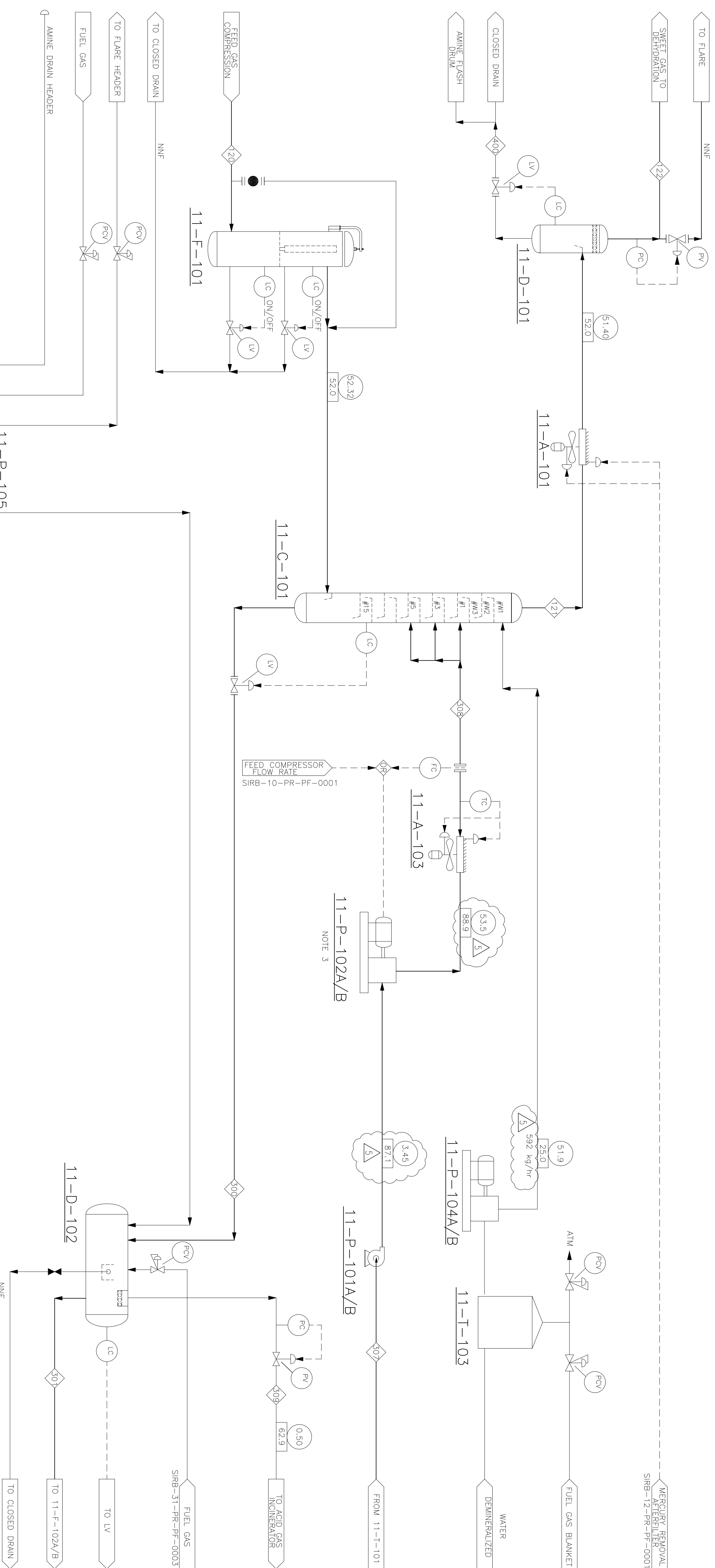


11-D-101 SWEET GAS SCRUBBER 1.829(ID) x 3.810(S)/mm	11-A-101 SWEET GAS COOLER DUTY: 875 kW	11-C-101 AMINE CONTACTOR 2.591(ID) x 17.069(S)/mm	11-A-103 LEAN AMINE COOLER DUTY: 4,756 kW	11-P-102A/B LEAN AMINE CIRCULATION PUMPS CAPACITY: 138.6 m ³ /h	11-P-104A/B WASH WATER PUMPS CAPACITY: 0.6 m ³ /h
11-F-101 SOUR INLET GAS FILTER/COALESCER 914(ID) x 4,165(S)/mm	11-T-102 AMINE SUMP TANK 2.438(ID) x 6.096(S)/mm	11-P-105 AMINE DRAIN TANK SUMP PUMP CAPACITY: 5.0 m ³ /h	11-T-103 DEMINERALIZED WATER STORAGE TANK 2.896(ID) x 2,458(S)/mm	11-P-101A/B LEAN AMINE BOOSTER PUMPS CAPACITY: 138.6 m ³ /h	11-D-102 AMINE FLASH DRUM 2.896(ID) x 9.144(S)/mm



MATCHLINE FOR CONT. SEE DWG. SIRB-11-PR-PF-0004

- NOTES:**
- FOR DETAILED HEAT & MATERIAL BALANCE REFER TO SIRB-11-PR-FA-0001.
 - CAPACITIES, DUTIES, AND FLOWRATES SHOWN ARE ACTUAL OPERATING VALUES. NOT DESIGN VALUES.
 - PUMP FLOW CONTROL TBC UPON DETERMINATION OF PUMP TYPE (POSITIVE DISPLACEMENT VS. CENTRIFUGAL).
 - FOR PIPING & EQUIPMENT MATERIAL CODES, SEE SIRB-11-PR-PF-0001.
 - BOOSTER PUMP RATED CAPACITY 150% OF CHARGE PUMP CAPACITY.

TEMPERATURE, °C

20	22	300	30	307	308	309	400
52.0	60.0	52.0	63.8	63.8	87.0	50.0	52.0
53.01	51.84	5.17	5.15	0.08	52.81	5.15	5.30
166,179	160,486	147,425	141,127	141,127	62	139	—
—	—	146.2	146.1	138.6	—	—	0.2
143.02	140.61	140.39	0.06	—	—	—	—

TEMPERATURE, °C

REV.	DATE	DESCRIPTION	ISSUED BY	APPROVED BY	DATE
Δ	JUN 6/05	APPROVED FOR BASIC PACKAGE	JNR	JMC	CK
Δ	MAR 29/05	APPROVED FOR DESIGN	JNR	JMC	CK
Δ	DEC 21/04	APPROVED FOR DESIGN	JNR	JMC	CK
Δ	OCT 26/04	APPROVED FOR DESIGN	JNR	JMC	CK
Δ	OCT 5/04	ISSUED FOR APPROVAL	JNR	JMC	CK
Δ	AUG 27/04	ISSUED FOR COMMENTS	JNR	JMC	CK

IRANIAN OFFSHORE OIL COMPANY
 شرکت نفت ایران
 OIL INDUSTRIES ENGINEERING AND CONSTRUCTION

CONTRACTOR:
 THERMO DESIGN ENGINEERING LTD.
 2500 100th Avenue, Edmonton, Alberta, Canada

PROJECT NAME: SIRRI ISLAND GAS GATHERING & NGL RECOVERY	SHEET JOB CODE: —
CONTRACT TITLE: BASIC ENGINEERING FOR ONSHORE RECEPTION NGL PLANT, STORAGE, AND EXPORT FACILITIES	SHEET NUMBER: —
DRAWING TITLE: PROCESS FLOW DIAGRAM - WINTER	REVISION NUMBER: —
DOCUMENT NUMBER: SIRB-11-PR-PF-0003	SCALE: 212
PROJECT NUMBER: 212	REVISION NUMBER: 3223-82-3-FG
SCALE: —	REVISION NUMBER: 5