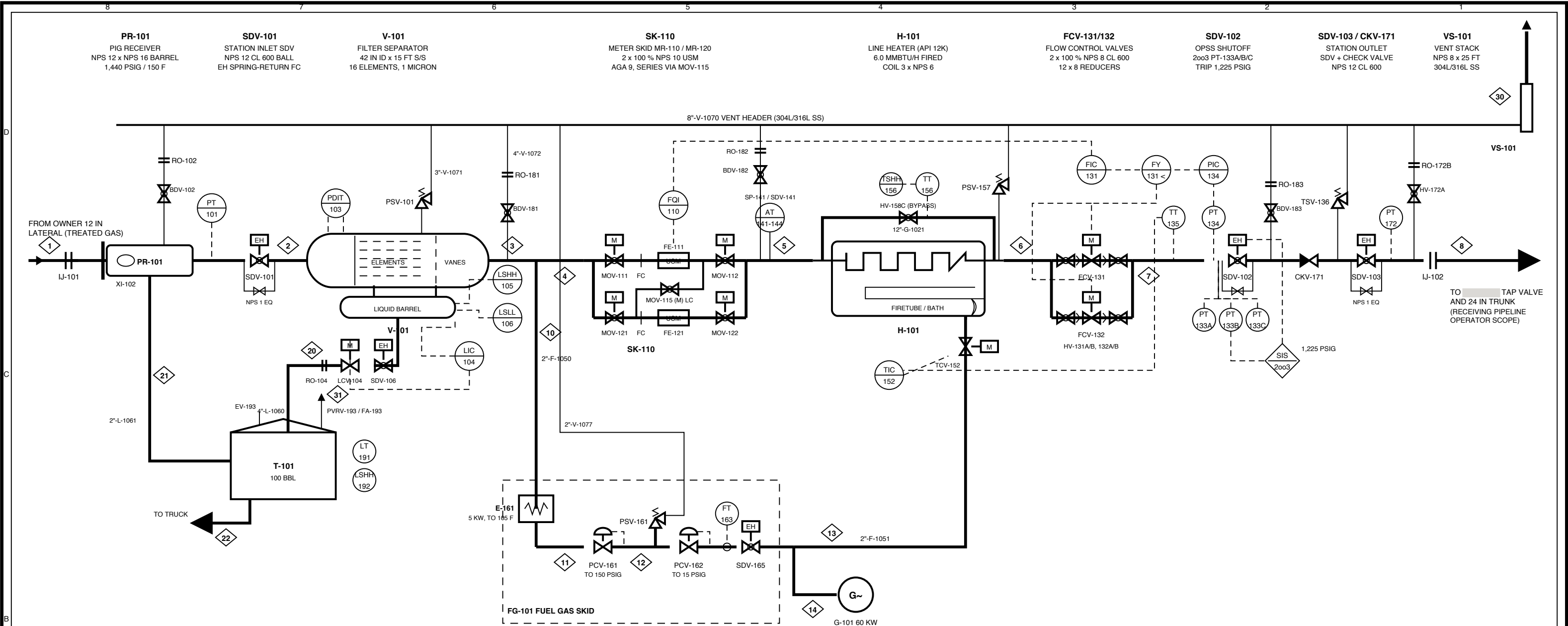




STREAM SUMMARY, CASES C1 (120 MMSCFD WINTER, HEATER ON) AND C2 (90 MMSCFD NORMAL, HEATER BYPASSED)

STREAM	1	2	3	4	5	6	7	8	10	11	12	13
C1 PRESSURE (PSIG)	1,150.0	1,149.4	1,148.0	1,147.5	1,146.1	1,143.5	751.8	750.0	1,148.0	1,148.0	150.0	15.0
TEMPERATURE (F)	45.0	45.0	44.9	44.8	44.8	67.4	43.6	43.4	44.9	105.0	45.9	36.0
FLOW (MMSCFD)	120.12	120.12	120.12	120.00	120.00	120.00	120.00	120.00	0.116	0.116	0.116	0.116
MASS FLOW (LB/H)	244,700	244,700	244,700	244,465	244,465	244,465	244,465	244,465	235	235	235	235
DENSITY (LB/FT3)	5.104	5.102	5.096	5.094	5.088	4.635	3.086	3.079	5.096	4.112	0.577	0.102
C2 PRESSURE (PSIG)	1,050.0	1,049.6	1,048.6	1,048.2	1,047.3	1,046.7	950.8	950.0	1,048.6	1,048.6	150.0	15.0
TEMPERATURE (F)	70.0	70.0	69.9	69.9	69.9	69.8	64.3	64.3	69.9	105.0	51.9	42.2
FLOW (MMSCFD)	90.00	90.00	90.00	90.00	90.00	90.00	90.00	90.00	0.001	0.001	0.001	0.001
MASS FLOW (LB/H)	183,350	183,350	183,350	183,349	183,349	183,349	183,349	183,349	1	1	1	1
DENSITY (LB/FT3)	4.155	4.154	4.150	4.148	4.145	4.143	3.776	3.772	4.150	3.717	0.569	0.100

NOTES / REFERENCES

1. STREAM DATA FROM PRO-CAL-001 (GERG-2008). CASES C3 TO C7 ON PRO-DWG-002.
2. SIMPLIFIED PFD: SMALL VALVES, DRAINS, VENTS AND MOST INSTRUMENTS ON P&IDS (03-PID). ISA-5.1 SYMBOLS.
3. ALL PROCESS PIPING CLASS 600 (1,440 PSIG); FUEL GAS DOWNSTREAM OF PCV-161 CLASS 150.
4. H-101 OUTLET T CONTROLLED SO FCV OUTLET (TT-135) >= HYDRATE DEWPOINT + 10 F (SCHEDULE PER PRO-CAL-003).
5. FIC-131 FLOW CONTROL WITH PIC-134 LOW-SELECT OVERRIDE; OPSS INDEPENDENT (SAFETY PLC, 2003).
6. MANUAL BLOWDOWN ONE SECTION AT A TIME (BDV-181/182/183 WITH RO). VENT SYSTEM 304L/316L SS.
7. EQUIPMENT SIZES PER PRO-CAL-004, -005, -006, -007, -008; FUEL GAS PER PRO-CAL-010.
- REF: GEN-DB-001, PRO-CAL-001 TO -010

REVISIONS

REV	DATE	DESCRIPTION	BY	CHK	APP
A	2026-09-29	ISSUED FOR REVIEW (IFR)			

PRELIMINARY - ISSUED FOR REVIEW - NOT FOR CONSTRUCTION

ENGINEER OF RECORD SEAL

NOT SEALED
PRELIMINARY

PE NO. _____

PROJECT

120 MMSCFD RECEIPT INTO _____

COUNTY, _____

DISCIPLINE: PROCESS
SCALE: NTS

PROCESS FLOW DIAGRAM

STATION OVERALL, STREAMS C1 AND C2

DRAWN: _____ CHECKED: _____ APPROVED: _____

DWG NO.
PRO-DWG-001

SHEET 1 OF 2 REV A