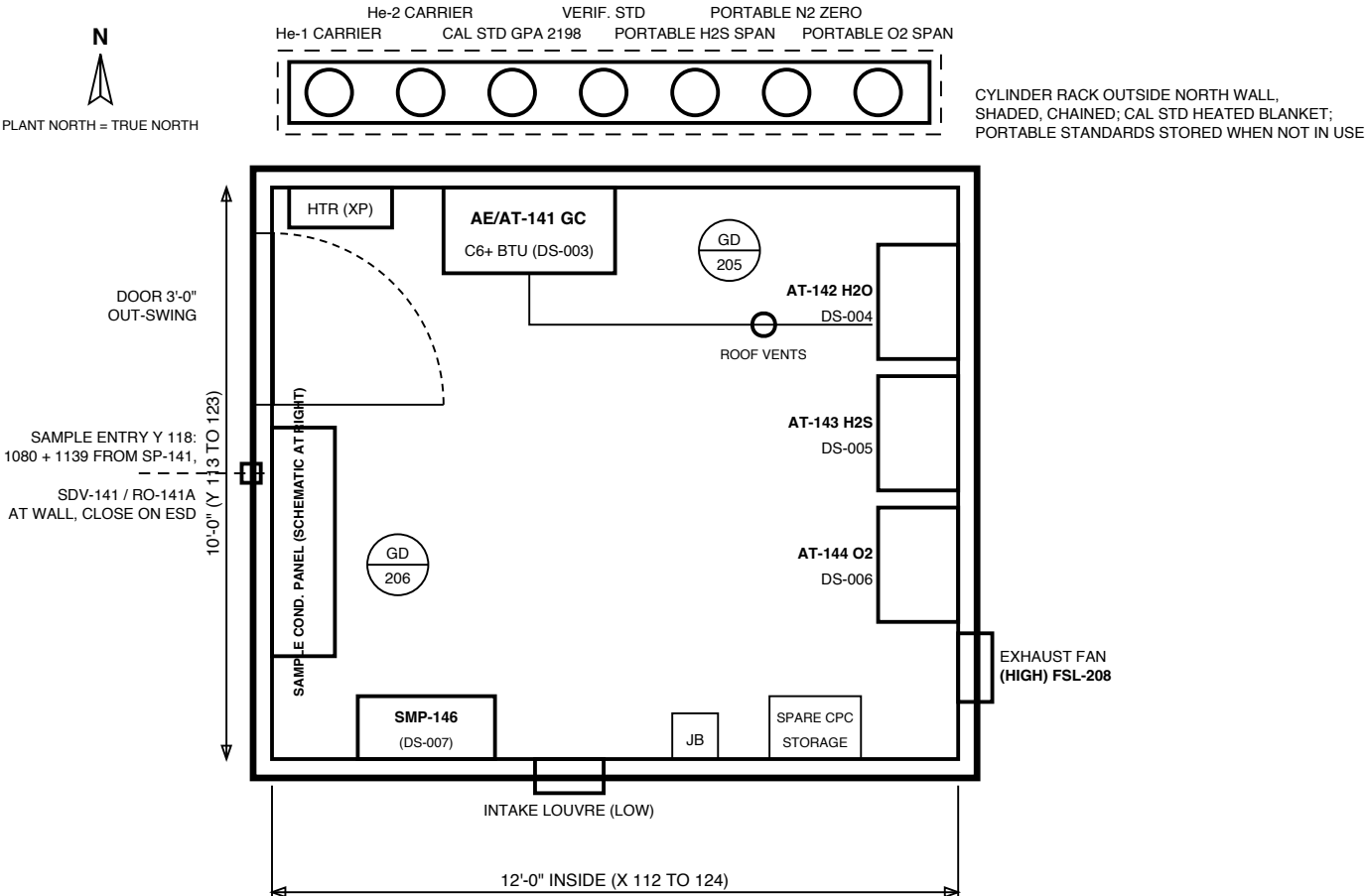


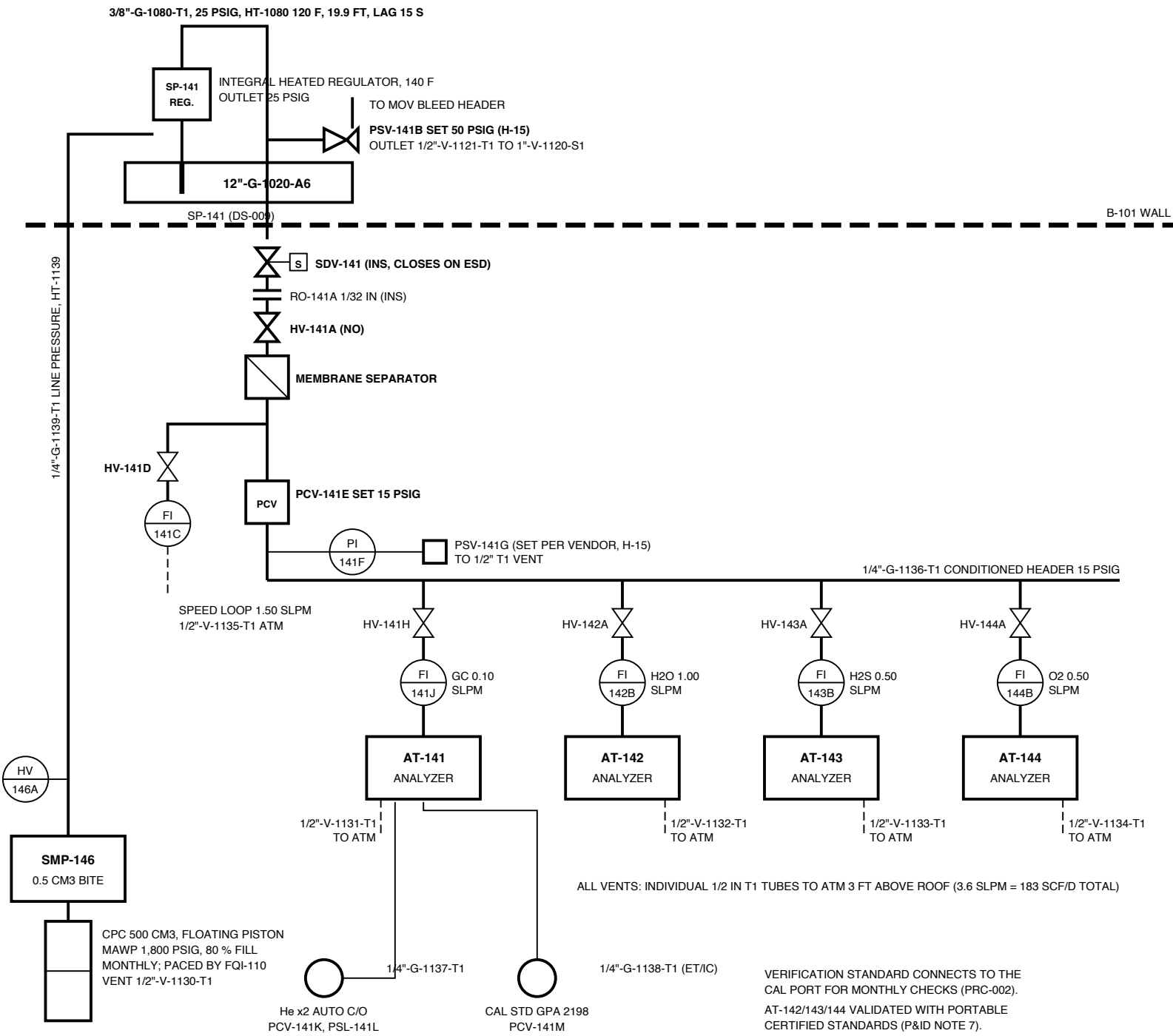
PLAN - ANALYZER SHELTER B-101 (12 FT x 10 FT, FIBERGLASS, HEATED, VENTILATED)



INTERIOR CLASS I DIV 2 GROUP D (BASIS 8.1); HEATED 50 F MIN; VENTILATION PER ELE/INS.
PLAN SCALE 1" = 3'-4" AT ANSI B (30 UNITS PER FT).

1. SAMPLE TRANSPORT 3/8 IN x 0.035 316 SS, 25 PSIG, 3.6 SLPM TOTAL, 19.9 FT ROUTE, LAG 15 S (CAL-004).
2. SP-141 INTEGRAL REGULATOR HEATED, SET 140 F; GAS INLET 103 F MIN AT C1 FOR 35 F OUTLET (UNHEATED -48.6 F).
3. ALL WETTED SAMPLE PARTS 35 F MIN (TARIFF HCDP 15 F + 20 F); HEAT TRACE HT-1080 / HT-1139 MAINTAIN 120 F.
4. SMP-146 BITE INTERVAL = FORECAST PERIOD VOLUME / 700 (5.0 MMSCF PER BITE AT 120 MMSCFD).
5. ANALYZER VENTS (LINES 1130-1135) ARE A CONTINUOUS EMISSION POINT (183 SCF/D); REG TO INVENTORY.
6. MINOR TAGS PER PRO-DWG-104; SDV-141 + RO-141A (1/32 IN) BY INS, CLOSED ON ESD; RO DP 0.49 PSI AT 3.6 SLPM.
7. EQUIPMENT DIMENSIONS TYPICAL, CONFIRM WITH VENDOR DATA (HOLD H-15).
8. PSV-141B (SET 50 PSIG) LIMITS THE PRESSURE AT RO-141A IF THE PROBE REGULATOR FAILS OPEN (PRO-CAL-007 7.7).

SAMPLE CONDITIONING SCHEMATIC (NTS, TAGS PER PRO-DWG-104)



GC CARRIER AND CALIBRATION GASES (RACK OUTSIDE NORTH WALL)

VERIFICATION STANDARD CONNECTS TO THE CAL PORT FOR MONTHLY CHECKS (PRC-002).
AT-142/143/144 VALIDATED WITH PORTABLE CERTIFIED STANDARDS (P&ID NOTE 7).

NOTES / REFERENCES

1. SEE DRAWING NOTES ON SHEET.
- REF: MEA-CAL-004
REF: MEA-DS-003 TO DS-007, DS-009
REF: MEA-DWG-002

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: MEASUREMENT
SCALE: PLAN 1" = 3'-4"; SCHEMATIC NTS

ANALYZER SHELTER B-101

LAYOUT AND SAMPLE CONDITIONING SCHEMATIC
DRAWN: _____ CHECKED: _____ APPROVED: _____
DWG NO. MEA-DWG-003
SHEET 1 OF 1 REV A