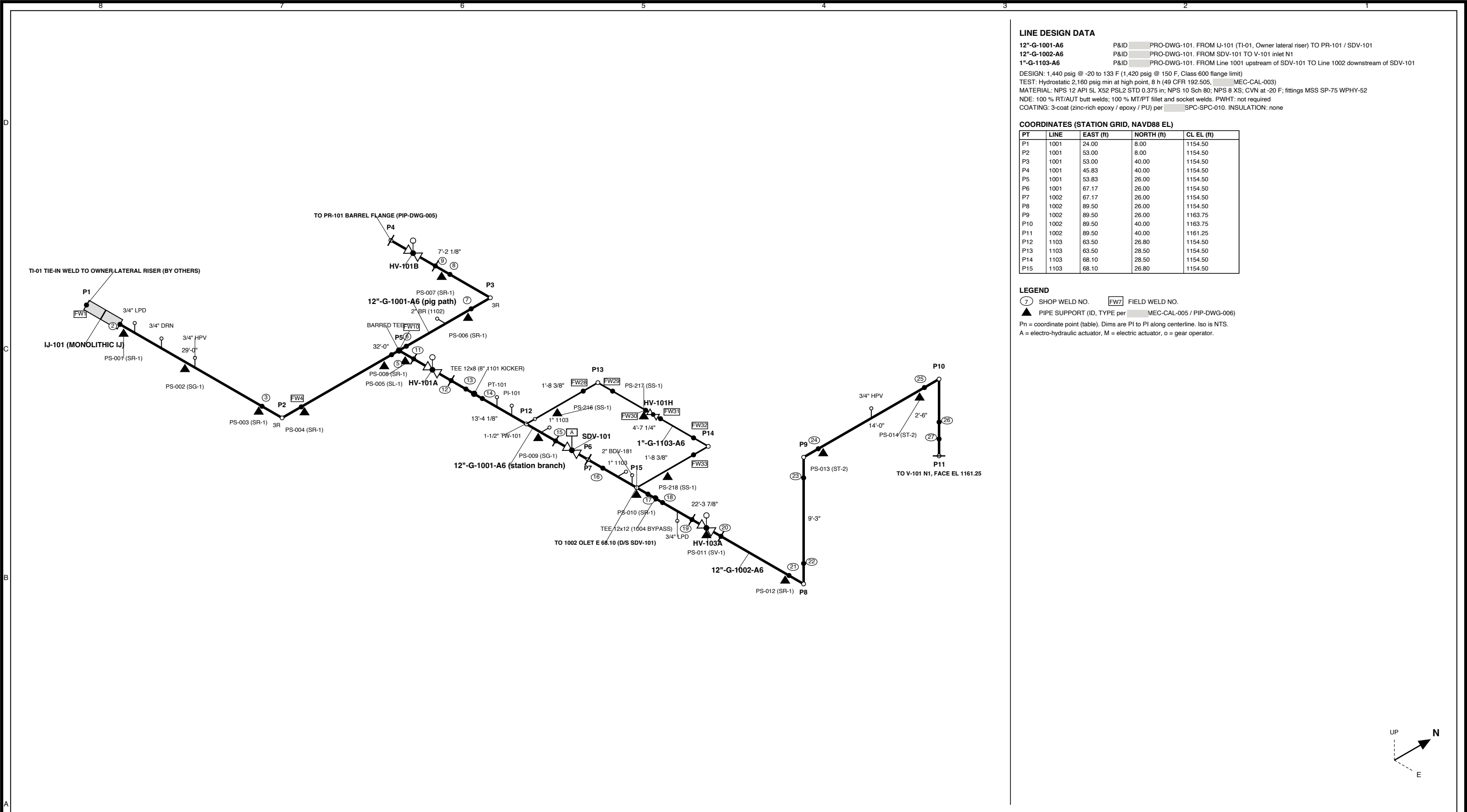




LINE DESIGN DATA

12"-G-1001-A6 P&ID PRO-DWG-101. FROM IJ-101 (TI-01, Owner lateral riser) TO PR-101 / SDV-101
12"-G-1002-A6 P&ID PRO-DWG-101. FROM SDV-101 TO V-101 inlet N1
1"-G-1103-A6 P&ID PRO-DWG-101. FROM Line 1001 upstream of SDV-101 TO Line 1002 downstream of SDV-101

DESIGN: 1,440 psig @ -20 to 133 F (1,420 psig @ 150 F, Class 600 flange limit)
TEST: Hydrostatic 2,160 psig min at high point, 8 h (49 CFR 192.505, MEC-CAL-003)
MATERIAL: NPS 12 API 5L X52 PSL2 STD 0.375 in; NPS 10 Sch 80; NPS 8 XS; CVN at -20 F; fittings MSS SP-75 WPHY-52
NDE: 100 % RT/AUT butt welds; 100 % MT/PT fillet and socket welds. PWHT: not required
COATING: 3-coat (zinc-rich epoxy / epoxy / PU) per SPC-SPC-010. INSULATION: none

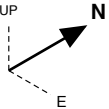
COORDINATES (STATION GRID, NAVD88 EL)

PT	LINE	EAST (ft)	NORTH (ft)	CL EL (ft)
P1	1001	24.00	8.00	1154.50
P2	1001	53.00	8.00	1154.50
P3	1001	53.00	40.00	1154.50
P4	1001	45.83	40.00	1154.50
P5	1001	53.83	26.00	1154.50
P6	1001	67.17	26.00	1154.50
P7	1002	67.17	26.00	1154.50
P8	1002	89.50	26.00	1154.50
P9	1002	89.50	26.00	1163.75
P10	1002	89.50	40.00	1163.75
P11	1002	89.50	40.00	1161.25
P12	1103	63.50	26.80	1154.50
P13	1103	63.50	28.50	1154.50
P14	1103	68.10	28.50	1154.50
P15	1103	68.10	26.80	1154.50

LEGEND

⑦ SHOP WELD NO. FW7 FIELD WELD NO.
▲ PIPE SUPPORT (ID, TYPE per MEC-CAL-005 / PIP-DWG-006)

Pn = coordinate point (table). Dims are PI to PI along centerline. Iso is NTS.
A = electro-hydraulic actuator, M = electric actuator, o = gear operator.



NOTES / REFERENCES

- DIMENSIONS IN FEET-INCHES; COORDINATES IN FEET ON STATION GRID (MEC-DWG-001).
- CUT LENGTHS, WELD LIST AND BILL OF MATERIALS ON SHEET 2.
- FIELD-VERIFY ALL TIE-IN AND EQUIPMENT NOZZLE DIMENSIONS (VENDOR DATA HOLD H-15).
- BALL VALVES HALF OPEN DURING HYDROTEST; SEE MEC-CAL-003 FOR TEST LIMITS.
- FLANGE BOLT TORQUE PER MEC-CAL-006. GASKETS SPIRAL-WOUND 316/GRAPHITE.
- SUPPORTS AND LOADS PER MEC-CAL-005; DETAILS PIP-DWG-006.

REF: PIP-DWG-001 GA
REF: PIP-SPC-001 (A6)

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: PIPING
SCALE: NTS

ISOMETRIC LINES 1001 / 1002

PIG PATH, STATION BRANCH, SDV-101 TO V-101

DRAWN: ____ CHECKED: ____ APPROVED: ____

DWG NO.
PIP-DWG-010

SHEET 1 OF 2 REV A