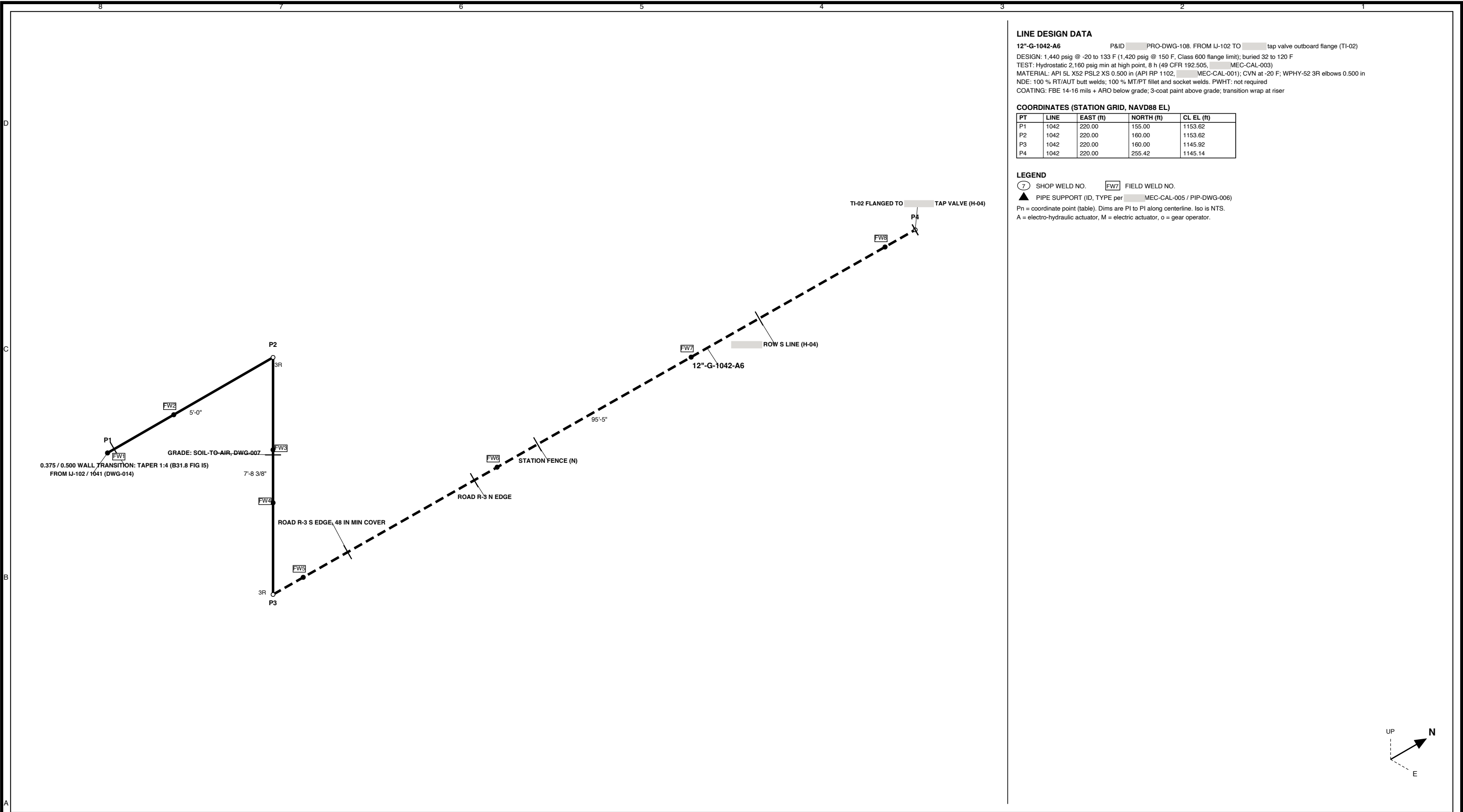




LINE DESIGN DATA

12"-G-1042-A6 P&ID PRO-DWG-108. FROM IJ-102 TO tap valve outboard flange (TI-02)
DESIGN: 1,440 psig @ -20 to 133 F (1,420 psig @ 150 F, Class 600 flange limit); buried 32 to 120 F
TEST: Hydrostatic 2,160 psig min at high point, 8 h (49 CFR 192.505, MEC-CAL-003)
MATERIAL: API 5L X52 PSL2 XS 0.500 in (API RP 1102, MEC-CAL-001); CVN at -20 F; WPHY-52 3R elbows 0.500 in
NDE: 100 % RT/AUT butt welds; 100 % MT/PT fillet and socket welds. PWHT: not required
COATING: FBE 14-16 mils + ARO below grade; 3-coat paint above grade; transition wrap at riser

COORDINATES (STATION GRID, NAVD88 EL)

PT	LINE	EAST (ft)	NORTH (ft)	CL EL (ft)
P1	1042	220.00	155.00	1153.62
P2	1042	220.00	160.00	1153.62
P3	1042	220.00	160.00	1145.92
P4	1042	220.00	255.42	1145.14

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 P1 to P1 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 LINE 1042

OUTLET LATERAL IJ-102 TO TAP VALVE

DRAWN: ____ CHECKED: ____ APPROVED: ____

DWG NO.
PIP-DWG-015

SHEET 1 OF 2 REV A