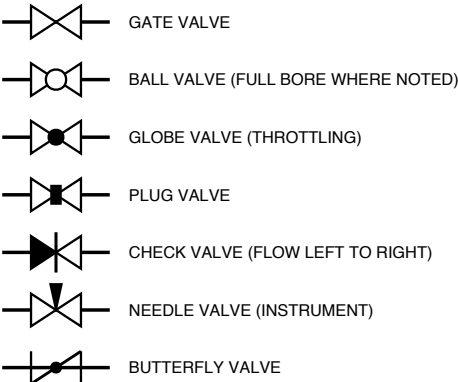
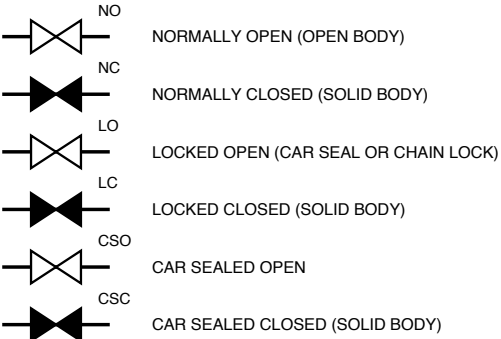


VALVE BODIES

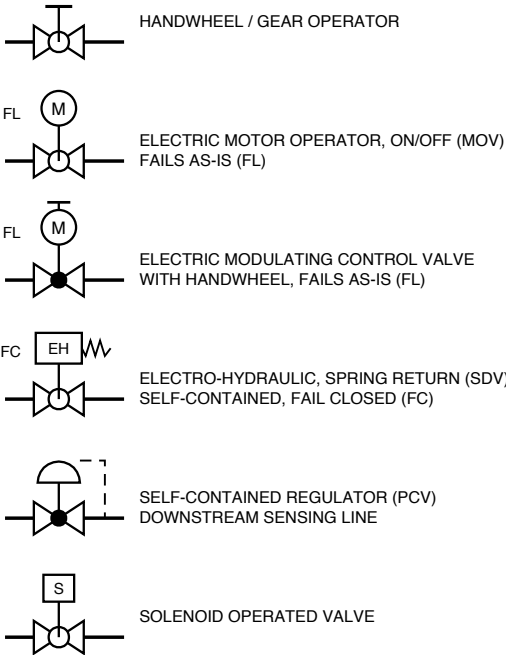


VALVE POSITION (NOTE 1)

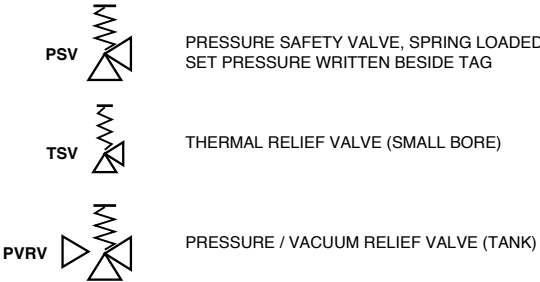


NOTE 1: POSITION CODE IS WRITTEN NEXT TO THE VALVE. CLOSED POSITIONS ARE ALSO DRAWN SOLID.

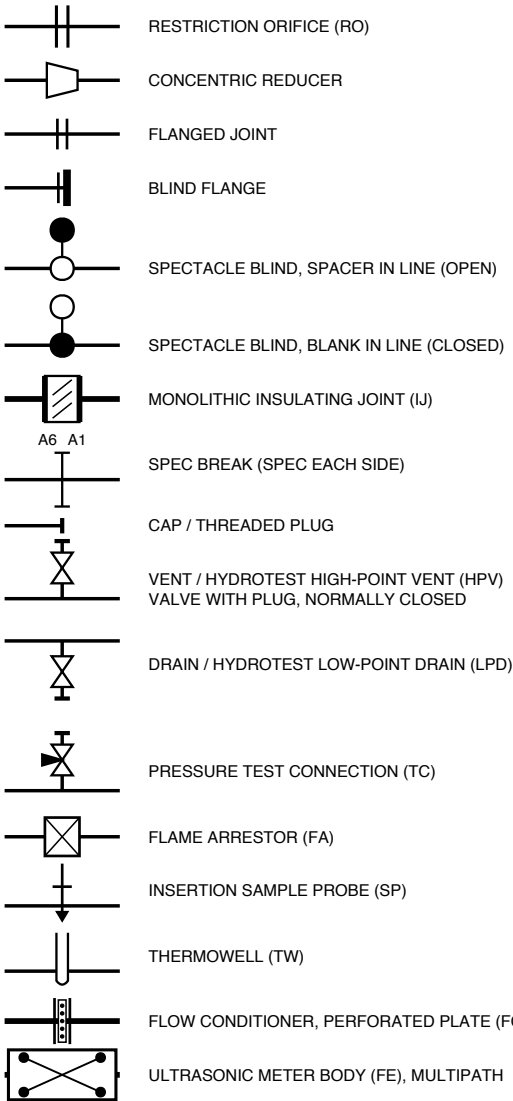
ACTUATORS AND OPERATORS



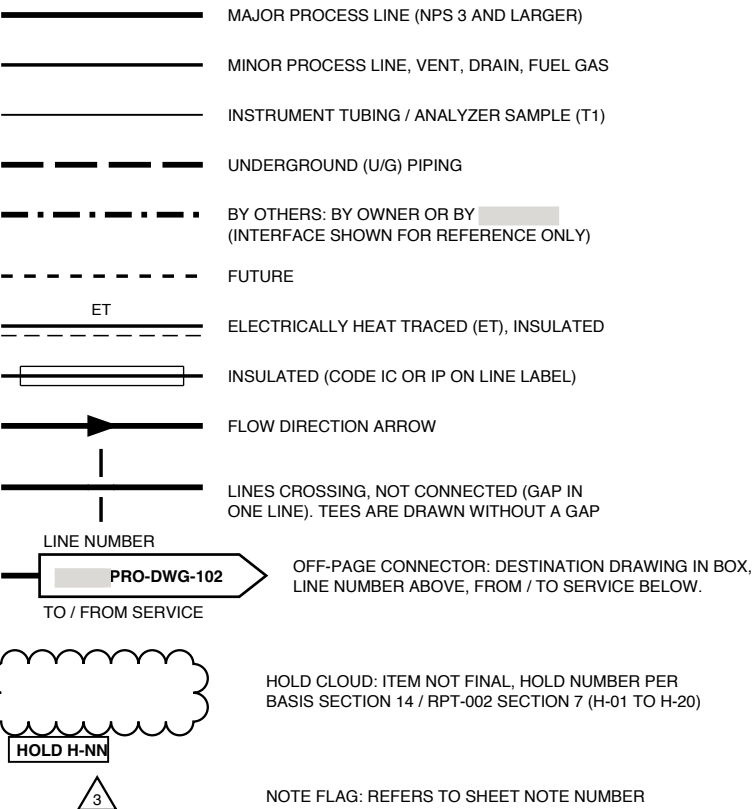
PRESSURE RELIEF



FITTINGS AND PIPING SPECIALTIES



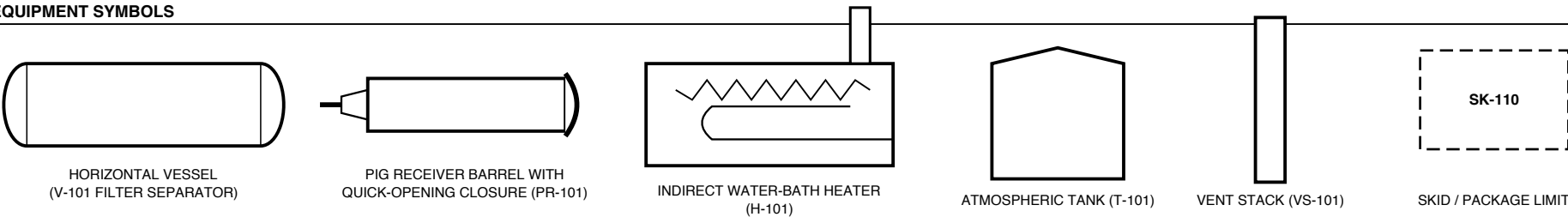
LINE TYPES AND GRAPHIC CONVENTIONS



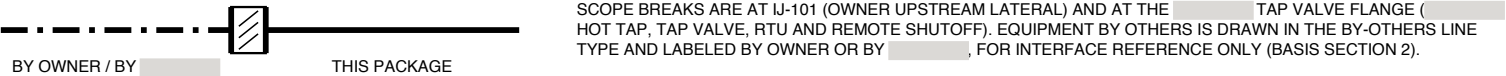
LINE NUMBERING

EXAMPLE: 12"-G-1001-A6 = NPS - SERVICE - NUMBER - PIPING SPEC  
SERVICE: G = NATURAL GAS, F = FUEL GAS, L = LIQUIDS (DRAINS), V = VENT / BLOWDOWN  
A6 = ASME CLASS 600 CS NATURAL GAS (NPS 2 AND UP BW, NPS 1-1/2 AND DOWN SW)  
A1 = CLASS 150 CS, FUEL GAS DOWNSTREAM OF PCV-161 ONLY  
S1 = CLASS 150 304/304L OR 316/316L SS, -150 F MIN.: ALL LINES DOWNSTREAM OF RO AND PSV / TSV OUTLETS, VENT LATERALS, HEADER 1070, VS-101  
T1 = 316 SS INSTRUMENT / ANALYZER TUBING. D1 = CLASS 150 CS LIQUID DRAINS TO T-101  
A6/D1 = SPEC BREAK ON THE P&ID. LINE 1060 CHANGES SIZE AND SPEC AT THE LCV-104 STATION: 2"-L-1060-A6 UPSTREAM, 4"-L-1060-D1 DOWNSTREAM  
H-101 COIL NOZZLES AND COMPANION FLANGES CLASS 900 (VENDOR): SPEC BREAK A6 / CL 900  
SUFFIX: IC = HEAT CONSERVATION, IP = PERSONNEL PROTECTION, ET = HEAT TRACE (WITH IC)  
MAIN LINES 1001 TO 1080 PER BASIS / RPT-002. MINOR LINES RESERVED BY SHEET:  
1101-1109 DWG 101, 1110-1119 DWG 102, 1120-1129 DWG 103, 1130-1139 DWG 104, 1140-1149 DWG 105/112, 1150-1159 DWG 106, 1160-1169 DWG 107, 1170-1179 DWG 108, 1180-1189 DWG 109, 1190-1199 DWG 110.

EQUIPMENT SYMBOLS



SCOPE BREAK CONVENTION



SCOPE BREAKS ARE AT IJ-101 (OWNER UPSTREAM LATERAL) AND AT THE TAP VALVE FLANGE (HOT TAP, TAP VALVE, RTU AND REMOTE SHUTOFF). EQUIPMENT BY OTHERS IS DRAWN IN THE BY-OTHERS LINE TYPE AND LABELED BY OWNER OR BY , FOR INTERFACE REFERENCE ONLY (BASIS SECTION 2).

NOTES / REFERENCES

REF: GEN-DB-001 BASIS OF DESIGN  
REF: ISA-5.1-2022 INSTRUMENTATION SYMBOLS AND IDENTIFICATION  
REF: PRO-DWG-100 SHEET 2 (INSTRUMENTATION, NOTES)  
REF: PRO-LST-101 (LINE AND TAG REGISTER)

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

P&ID LEGEND AND SYMBOLS

SHEET 1: VALVES, FITTINGS, LINES, ABBREVIATIONS  
DRAWN: \_\_\_\_ CHECKED: \_\_\_\_ APPROVED: \_\_\_\_  
DWG NO. PRO-DWG-100  
SHEET 1 OF 2 REV A