



| INSTRUMENT LEGEND |                                |
|-------------------|--------------------------------|
| PT                | Pressure Transmitter           |
| PIC               | Pressure Indicating Controller |
| LT                | Level Transmitter              |
| LIC               | Level Indicating Controller    |
| TI                | Temperature Indicator          |

  

| VALVE LEGEND |  |
|--------------|--|
| PCV          | Pressure Control Valve (Modulating)        |
| LCV          | Level Control Valve (Modulating)           |
| XV           | On/Off Isolation Valve (Solenoid Operated) |

  

| LINE TYPES      |                         |
|-----------------|-------------------------|
| Solid line      | Process piping          |
| Dashed line     | Instrument signal       |
| Thin solid line | Instrument impulse line |

PROJECT: Three-Phase Separator Control System  
 DRAWING: Piping & Instrumentation Diagram (P&ID)  
 TAG NO: P&ID-001  
 REV: A  
 DATE: 2026-02-22  
 DRAWN BY: Marc Bellley