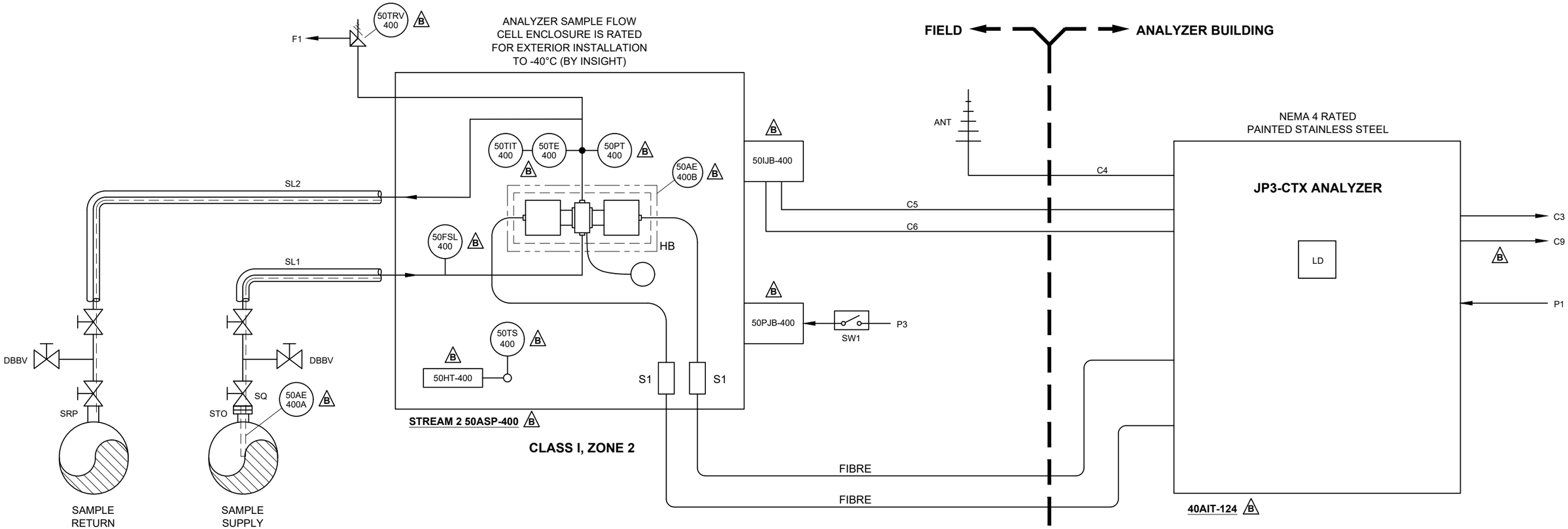

CUSTOMER INSTALLATION RESPONSIBILITIES

- ANT — MOUNT & INSTALL ANTENNA
- C3 — SUPPLY & INSTALL MODBUS TCP/IP COMMUNICATIONS CABLE
- C4 — INSTALL CO-AX ANTENNA CABLE
- C5 — SUPPLY & INSTALL ANALOG SIGNAL CABLE
- C6 — SUPPLY & INSTALL DISCRETE SIGNAL CABLE
- C9 — SUPPLY & INSTALL ANALOG SIGNAL CABLE (B)
- DBBV — SUPPLY & INSTALL DOUBLE BLOCK & BLEED ISOLATION VALVE (X2)
- F1 — SUPPLY & INSTALL FLARE CONNECTION - 1/2" TUBE
- FIBRE — ROUGH INSTALL FIBER (SPECIAL INSTRUCTIONS) SEAL AT AREA CLASSIFICATION CHANGE BOUNDARY
- SL1 — INSTALL ET SAMPLE LINE - 1/2" TUBE (LESS THAN 5 Meters) (B)
- SL2 — INSTALL ET SAMPLE LINE - 1/2" TUBE (LESS THAN 5 Meters)
- SQ — INSTALL SAMPLE QUILL (BY INSIGHT)
- SRP — SUPPLY & INSTALL SAMPLE RETURN POINT
- STO — SUPPLY & INSTALL SAMPLE TAKE OFF POINT
- SW1 — SUPPLY & INSTALL LOCAL POWER SWITCH (B)
- TRV — INSTALL THERMAL RELIEF VALVE (SHIPPED LOOSE BY INSIGHT) (B)

POWER REQUIREMENTS

- P1 — SUPPLY 120VAC, 1 Ph, 60Ha ANALYZER EMERGENCY POWER (150W) (B)
- P3 — SUPPLY 120V, 1 Ph, 60Hz, ENCLOSURE POWER (550W)

ENCLOSURE DESCRIPTION

- [x] WALL-MOUNT ENCLOSURE
- [ ] 2" PIPE ENCLOSURE
- [x] EXTERIOR INSTALL (-40°C to +40°c)
- [ ] INTERIOR INSTALL (-20°C to +40°C)

ELECTRICAL AREA AT SAMPLE

- [ ] CLASS I, ZONE 1, IIB, T3
- [ ] CLASS I, DIV. 1, GROUP C&D
- [x] CLASS I, ZONE 2, IIB, T3
- [ ] CLASS I, DIV. 2, GROUP D, T2C

ELECTRICAL AREA AIT ANALYZER

- [x] GENERAL PURPOSE
- [ ] CLASS I, ZONE 2, IIB, T3
- [ ] CLASS I, DIV. 2, GROUP C&D

EQUIPMENT (BY INSIGHT)

- AE — ANALYZER ELEMENT (50AE-400A/B)
- ANT — OMNI ANTENNA, FOR TELUS CELLULAR LINK (SUPPLY ONLY)
- C4 — ANTENNA CABLE (SUPPLY ONLY) (20 Feet)
- IJB — ANALOG & DISCRETE JUNCTION BOX
- (B) FIBRE — JP3 SINGLE AND MULTIMODE FIBRE
- FSL — FLOW SWITCH
- HB — HEATED BLANKET
- HT — HEATER
- LD — LOCAL TOUCH SCREEN DISPLAY
- PJB — 120VAC POWER JUNCTION BOX
- PT — PRESSURE TRANSMITTER
- S1 — SEAL (SEAL POUR IS CLIENT RESPONSIBILITY)
- (B) SL1 — ELECTRIC TRACED SAMPLE LINE c/w TERMINATION KIT & POWER KIT
- SL2 — ELECTRIC TRACED SAMPLE LINE c/w TERMINATION KIT & POWER KIT
- TE — TEMPERATURE RTD ELEMENT
- TS — THERMOSTAT 10°C
- TIT — TEMPERATURE TRANSMITTER
- (B) TRV — THERMAL RELIEF VALVE

NOTES:

1. SEE FIBER INSTALLATION DETAIL DRAWING # 20200375-E-90-02.

Prepared By:

INSIGHT ANALYTICAL

Engineering and Permit Stamps

REV	REVISION	DATE	BY	CHK	APP
A	ISSUED FOR APPROVAL	2020OCT08	DJI	.	
B	TAG NO's ADDED & DETAILS REVISED	2020OCT23	DJI	.	
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Prepared for

SEVEN GENERATIONS ENERGY

SEVEN GENERATIONS - KARR GAS PLANT
STREAM 2 SYSTEM BLOCK DIAGRAM

INSIGHT ANALYTICAL JOB #: 2020-0375

CLIENT JOB #: U19-105

DRAWN:	SCALE:	DRAWING No:	REV:
DJI	NTS	20200375-P-10-02	B