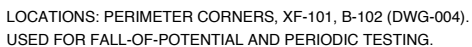
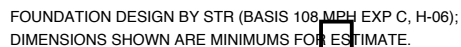


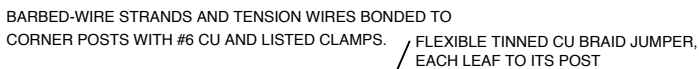
6 GROUNDING CONNECTIONS



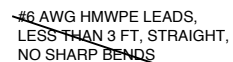
7 GROUND ROD TEST WELL
NOT TO SCALE



9 LIGHTING POLE FOUNDATION AND GROUNDING



10 FENCE AND GATE BONDING
NOT TO SCALE



8 INSULATING JOINT SURGE PROTECTION

- REQUIREMENTS:**

1. DO NOT SHORT THE U: NO CONDUCTOR, CONDUIT, SUPPORT, HANDRAIL OR TUBING MAY BRIDGE IT
2. DECOUPLER BLOCKS DC (CP) AND CONDUCTS AC FAULT AND LIGHTNING CURRENT; RATINGS PER CP-CAL-001 (TYPICAL: -2 / +2 V BLOCKING, 3.7 KA 30 CYCLE AC FAULT, 100 KA 8/20 LIGHTNING; CONFIRM, H-15).
3. STATION-STATE GROUND PATT (#2) ON STATION SIDE ONLY (DWG-004); LATERAL SIDE LEADS TO CP TEST STATION.
4. UJ-102: STATION BOND STOPS AT THE UJ; RISER AND BURIED 12"-G-1042 (0.500 IN WALL) ARE LATERAL SIDE, -CONNECTED, NOT BONDED; DEVICE ARRANGEMENT SUBJECT TO REVIEW (H-01).
5. TEST ISOLATION BEFORE AND AFTER DECOUPLER INSTALLATION (AMPP SP0286 METHOD).

GENERAL NOTES

1. BURIED AND CONCEALED JOINTS: EXOTHERMIC (IEEE 837 QUALIFIED).
2. ABOVE-GRADE REMOVABLE JOINTS: COMPRESSION LUGS, SS HARDWARE.
3. NO EXOTHERMIC WELD ON PRESSURE-CONTAINING PARTS; USE VENDOR-WELDED GROUNDING LUGS ON VESSELS AND PIPING.
4. CONDUCTOR SIZES AND LOCATIONS: [REDACTED] ELE-DWG-004 / CAL-005.
5. IJ DECOUPLERS AND CP LEADS: [REDACTED] CP-DWG-001 / CP-DWG-002.
6. LIGHTNING PROTECTION: UL 96A, NFPA 780 CLASS I MATERIALS.
7. POLE FOUNDATIONS: STR TO CONFIRM FOR BASIS WIND (H-06).

NOTES / REFERENCES

1. DETAILS 6-10: GROUNDING CONNECTIONS, TEST WELL, IJ SURGE, POLE BASE, FENCE.
REF: IEEE 80, IEEE 837, NFPA 780, AMPP SP0286
REF: ELE-CAL-005, CAL-006, DWG-004

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

PE NO. NOT SEALED
PRELIMINARY

PROJECT

120 MMSCFD RECEIPT INTO [REDACTED]
[REDACTED]
[REDACTED] COUNTY, [REDACTED]
DISCIPLINE: ELECTRICAL
SCALE: NTS

TYPICAL INSTALLATION DETAILS

SHEET 2: GROUNDING, IJ, POLE, FENCE

DRAWN: _____ CHECKED: _____ APPROVED: _____

DWG NO.

ELE-DWG-007-2

SHEET 2 OF 2 REV A