

P2.1 Independent Load Calc Check Memo (Mock)

Checker: Alex Kim, EE (mock) | Date: 2026-01-22
EV Charging Site Project — Phase 2 Outputs (MOCK)

This memo documents an independent check of the Phase 2 load calculation workbook and summary. Replace with actual review sign-off and attachments.

Check scope (mock):

- Arithmetic check: unmanaged EV load and continuous factor application.
- Input traceability: evidence pointers match Phase 1 package.
- Logic check: architecture conclusion follows from headroom deficit.
- Red flags: confirm AHJ accepted method for managed EV loads (when applicable).

Outcome (mock):

Calculation logic and arithmetic verified; inputs align to Phase 1 evidence pointers; conclusion supported: unmanaged EV current (320A) exceeds headroom basis (250A), therefore a listed EMS cap ($\leq 250A$) is required to avoid service upgrade.

Signature (mock): _____ Date: 2026-01-22