

As-Built Electrical Permit Set (Mock)

As-Built v1 | Date: 2026-03-22 (mock)

EV Charging Site Project — Phase 7 Outputs (MOCK)

This compiled PDF represents the as-built drawing set. In this mock package, it is represented by an as-built cover plus the approved revised permit set, with field redlines and EMS configuration appended as supporting evidence.

As-built change summary (mock):

- Updated EVSE labeling to reflect as-installed identifiers.
- Updated EMS monitoring point label to match installed CT location.
- No change to approved managed-load intent; cap remains 250A.

MOCK / EXAMPLE ONLY

Revised Permit Drawing Set — Stamped (Rev 1) (Mock)

Resubmission: 2026-02-12 | Rev 1 changes address C-01..C-04 (mock)

EV Charging Site Project — Phase 5 Outputs (MOCK)

This file represents the revised stamped permit set after incorporating AHJ plan-check comments. In this mock package, the revised set is represented by a revision cover plus the previously stamped set.

Revision summary (mock):

- Rev 1: Added EMS narrative + fail-safe note and monitoring point label (C-01).
- Rev 1: Added fault current / minimum AIC basis statement (C-02).
- Rev 1: Expanded electrical notes for continuous load + labeling (C-03).
- Rev 1: Standardized EVSP-1 nomenclature across set (C-04).

MOCK / EXAMPLE ONLY

Stamped Permit Drawings (Mock)

P4.1 | Stamp date: 2026-01-29 | Engineer-of-Record: Priya Shah, PE (mock)
EV Charging Site Project — Phase 4 Outputs (MOCK)

STAMP BLOCK (mock)

Priya Shah, PE (mock)
CA PE ##### (mock)
Date: 2026-01-29

This cover page is added to represent an EOR stamped set. The remainder of the set is the compiled P3.6 unstamped permit set (mock).

NOTE: This is not a real stamp. For mock documentation only.

MOCK / EXAMPLE ONLY

Permit Drawing Set — Unstamped (Compiled) (Mock)

P3.6

EV Charging Site Project — Phase 3 Outputs (MOCK)

This file represents the compiled unstamped electrical permit drawing set assembled from P3.1–P3.5. In a real project this compilation is performed under document control with sheet indexing and QA logs.

Included sheets (mock):

- P3.1_OneLine_Prelim_Unstamped_2026-01-26.pdf
- P3.2_SitePlan_EVSE_Locations_Prelim_2026-01-26.pdf
- P3.3_Conduit_Trenching_Details_ElectricalImpacting_2026-01-26.pdf
- P3.4_PanelSchedules_Updated_MDP_and_EVSP_2026-01-26.pdf
- P3.5_ElectricalNotes_CodeSheets_2026-01-26.pdf

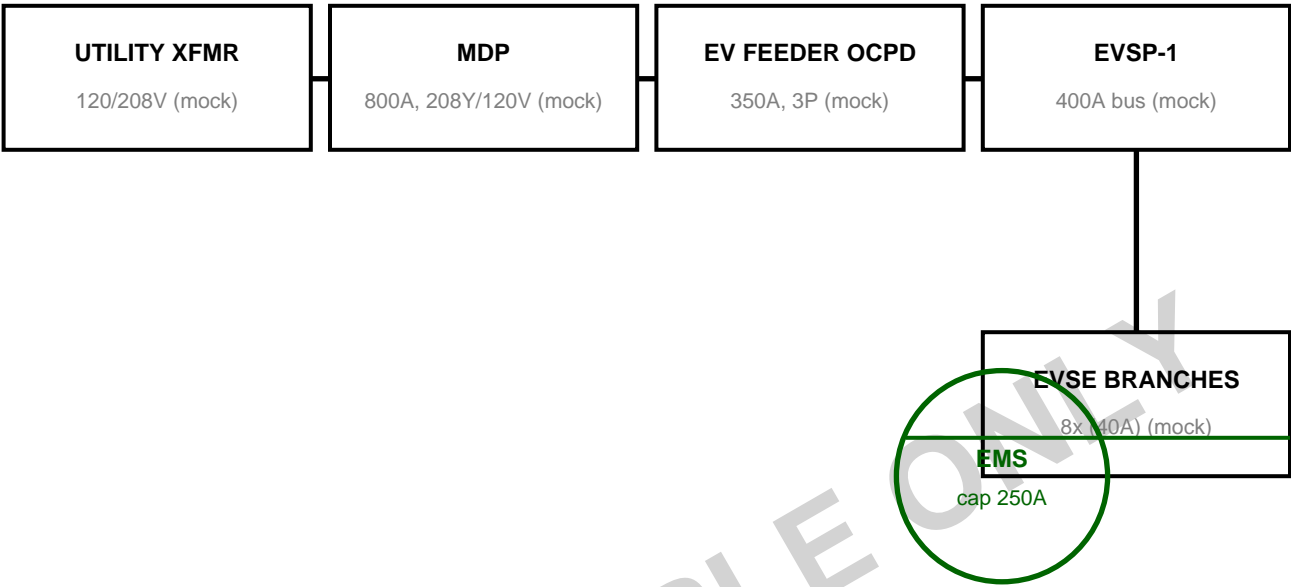
MOCK / EXAMPLE ONLY

NOTE: This compilation is a mock artifact; replace with real CAD/PDF exports and stamps.

E-001 — One-Line Diagram (Preliminary, Unstamped) (Mock)

P3.1
EV Charging Site Project — Phase 3 Outputs (MOCK)

ONE-LINE DIAGRAM (mock)



NOTES (mock):

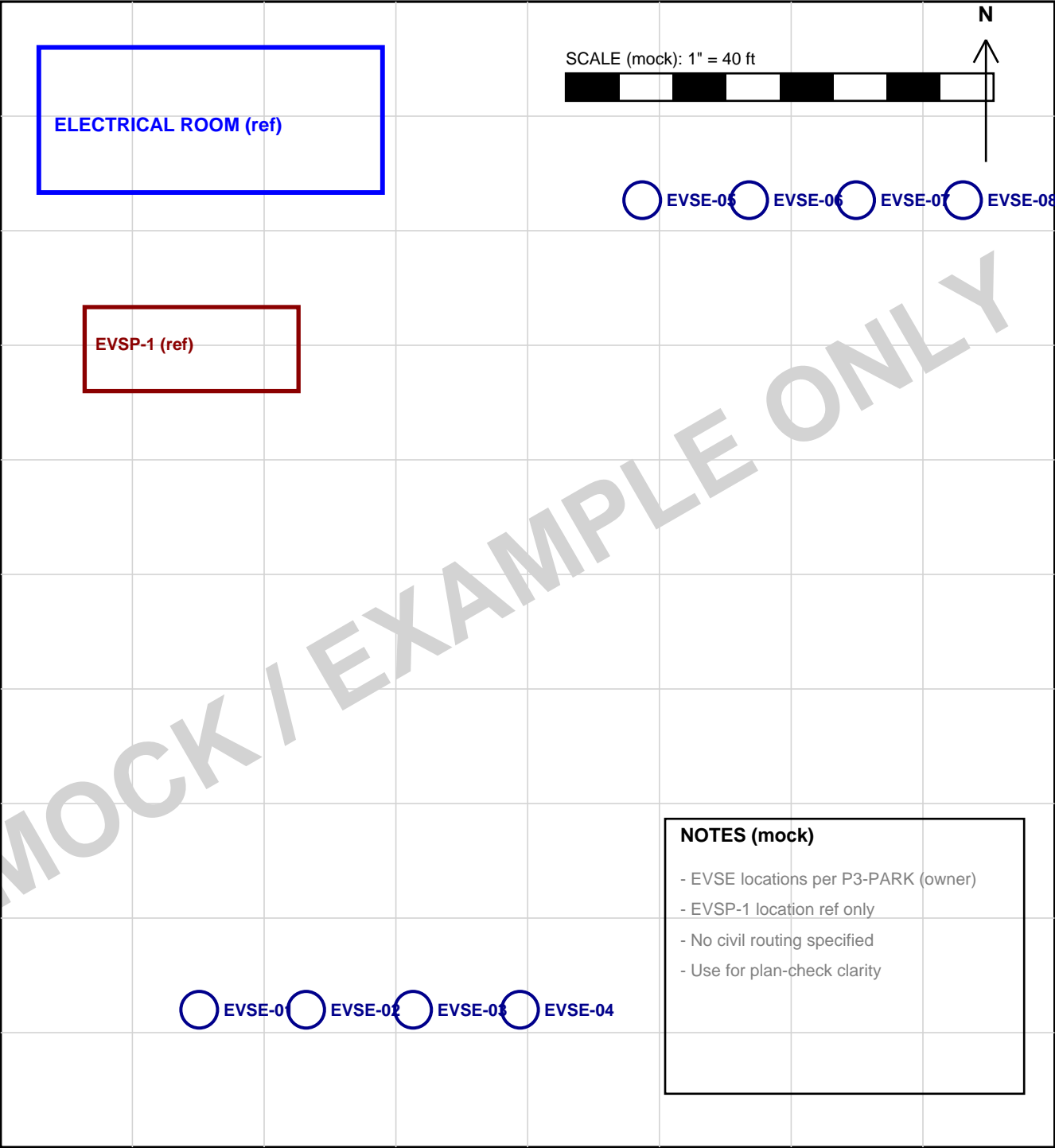
- 1. Existing service basis: 800A, 208Y/120V, 3Ø (verify in Phase 1 evidence).
- 2. EVSE loads treated as continuous; branch OCPD basis 40A per 32A continuous (mock).
- 3. EMS/load management shown to cap aggregate EV demand to ≤250A (mock basis).
- 4. Final conductor sizing, AIC, and coordination to be confirmed in stamped set.

PROJECT (mock): EV Charging Site Project	SHEET: E-001	ISSUED FOR:
SHEET TITLE: One-Line Diagram (Preliminary)	REV: 0	UNSTAMPED
ADDRESS: Place (Palo Alto, CA) (mock)	DATE: 2026-01-26	(electrical-only)

E-002 — Site Plan with EVSE Locations (Preliminary) (Mock)

P3.2
EV Charging Site Project — Phase 3 Outputs (MOCK)

GARAGE PLAN — EVSE LOCATION OVERLAY (mock)



PROJECT (mock): EV Charging Site Project	SHEET: E-002	ISSUED FOR:
SHEET TITLE: Site Plan — EVSE Locations	REV: 0	UNSTAMPED
ADDRESS: Place (Palo Alto, CA) (mock)	DATE: 2026-01-26	(electrical-only)

E-004 — Updated Panel Schedules (MDP + EVSP-1) (Mock)

P3.4
EV Charging Site Project — Phase 3 Outputs (MOCK)

MDP — Updated (excerpt) (mock)

Slot	Breaker	Load	Notes
40/42/44	350A 3P	EVSP-1 feeder	Managed to 250A (mock)
17	200A 3P	SUBP-1	Existing
57	Spare	Spare/Space	Available 3-pole

EVSP-1 — New (excerpt) (mock)

Slot	Breaker	Load	Notes
1	40A 3P	EVSE-01	32A cont (mock)
2	40A 3P	EVSE-02	32A cont (mock)
3	40A 3P	EVSE-03	32A cont (mock)
4	40A 3P	EVSE-04	32A cont (mock)
5	40A 3P	EVSE-05	32A cont (mock)
6	40A 3P	EVSE-06	32A cont (mock)
7	40A 3P	EVSE-07	32A cont (mock)
8	40A 3P	EVSE-08	32A cont (mock)

NOTE: schedules are mock excerpts; full schedules included per P1 evidence in real project.

PROJECT (mock): EV Charging Site Project	SHEET: E-004	ISSUED FOR:
SHEET TITLE: Panel Schedules (MDP + EVSP-1)	REV: 0	UNSTAMPED
ADDRESS: Place (Palo Alto, CA) (mock)	DATE: 2026-01-26	(electrical-only)



E-005 — Electrical Notes & Code Sheet (Mock)

P3.5
EV Charging Site Project — Phase 3 Outputs (MOCK)

GENERAL NOTES (electrical-only, mock)

- 1. Applicable code basis: 2022 California Electrical Code (CEC) (mock). Verify AHJ amendments.
- 2. EVSE loads treated as continuous; size OCPD and conductors accordingly (125% basis).
- 3. EMS/load management (if used) shall be listed and configured to enforce aggregate cap (mock: 250A).
- 4. Provide identification labeling for EV equipment and circuits; coordinate with panel schedules.
- 5. Provide grounding and bonding per code; bond raceways as required.
- 6. Verify available fault current and minimum AIC ratings in final stamped set.

SYMBOLS / LEGEND (mock)

-  EVSE location marker
-  EMS / Load management annotation

PROJECT (mock): EV Charging Site Project	SHEET: E-005	ISSUED FOR:
SHEET TITLE: Electrical Notes & Code Sheet	REV: 0	UNSTAMPED
ADDRESS: Place (Palo Alto, CA) (mock)	DATE: 2026-01-26	(electrical-only)

Field Redlines — Electrical (Mock)

Collected: 2026-03-18 (mock) | Sources: electrician + installer
EV Charging Site Project — Phase 7 Inputs (MOCK)

This document represents mock field redlines used to produce the as-built drawing set. Replace with real redlined drawings and photo references.

REDLINE (mock): EVSP-1 label verified; breaker position adjusted to match field label.

REDLINE (mock): EMS monitoring point label updated to match installed CT location.

REDLINE (mock): EVSE-03/EVSE-04 swapped due to field layout constraint (labeling updated).

MOCK / EXAMPLE ONLY

EMS Configuration Summary — As Installed (Mock)

Export date: 2026-03-21 (mock) | Setpoint: 250A cap
EV Charging Site Project — Phase 7 Outputs (MOCK)

This document represents a mock EMS configuration export suitable for inspection support and closeout records. Replace with actual vendor export and listing evidence.

Configuration fields (mock):

Aggregate cap setpoint:	250A
Monitoring point:	EV feeder CTs at EVSP-1 feeder
Fail-safe mode:	Cap enforced on comms loss
Ports managed:	8
Export hash (mock):	CFG-20260321-250A-REV1

MOCK / EXAMPLE ONLY