

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

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

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).

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

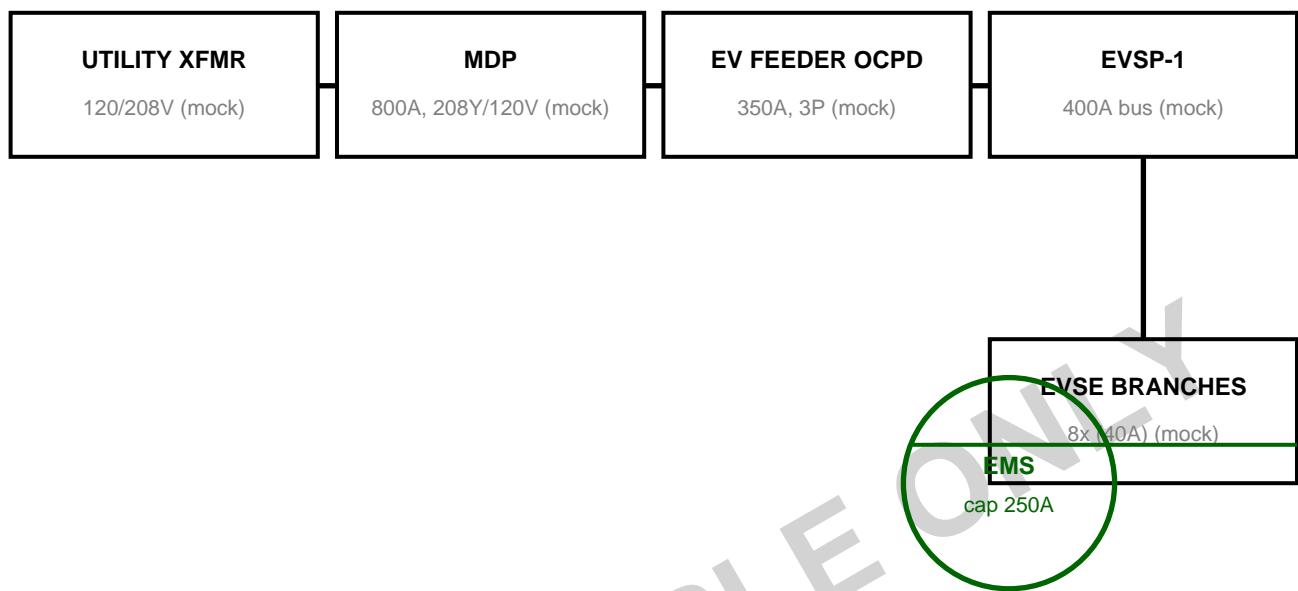
NOTE: This compilation is a mock artifact; replace with real CAD/PDF exports and stamps.

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.

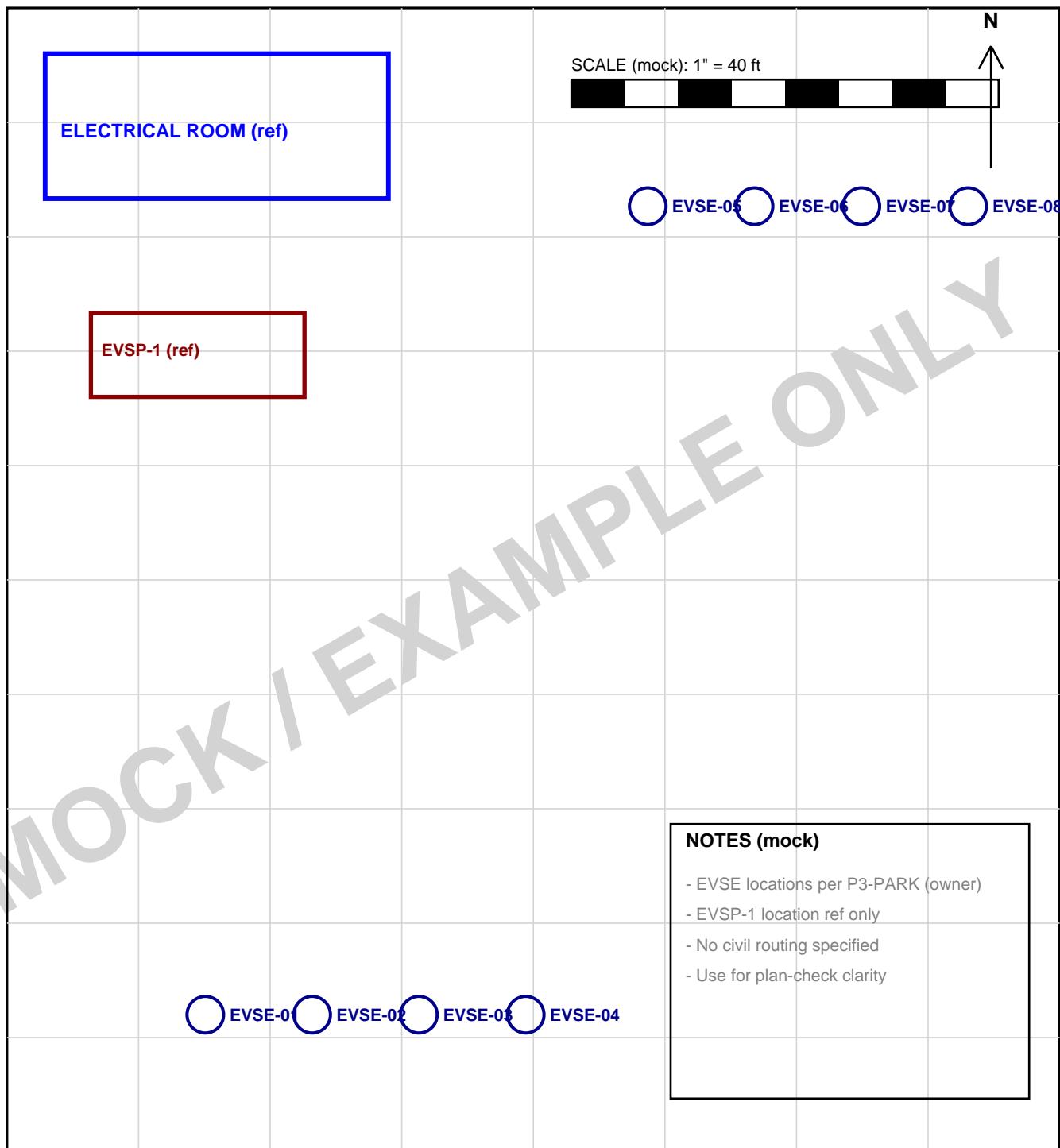
PROJECT (mock): EV Charging Site Project	SHEET: E-001	ISSUED FOR:
SHEET TITLE: One-Line Diagram (Preliminary)	REV: 0	UNSTAMPED
ADDRESS: Place (Palo Alto, CA) (mock)	DATE: 2026-01-26	(electrical-only)

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-003 — Conduit & Trenching Details (Electrical-Impacting) (Mock)

P3.3

EV Charging Site Project — Phase 3 Outputs (MOCK)

This sheet documents electrical-impacting routing assumptions, transition points, and typical details. It is not a civil/constructability plan.

DETAIL 1 — Feeder Path (mock)

MDP → EVSP-1 assumed path length: 165 ft (basis)

DETAIL 2 — Typical Raceway Notes (mock)

- Raceway sized per NEC/CEC Chapter 9 (mock).
- Parallel conductors permitted as designed (mock).
- Provide EGC with feeder conductors.
- Maintain separation from comms wiring (as applicable).

DETAIL 3 — EVSE Branch Typical (mock)

- Branch: 40A OCPD for 32A continuous (mock basis).
- Conductor sizing per terminal temp rating + derating.
- Provide disconnecting means as required by code/AHJ.
- Label EVSE circuit ID at equipment and panel.

DETAIL 4 — Grounding/Bonding Intent (mock)

- Bond raceways where required (mock).
- EGC sized per code basis (final by EOR).
- Panel ground bars bonded to GES (reference).
- Provide bonding jumpers at transitions.

PROJECT (mock): EV Charging Site Project	SHEET TITLE: Conduit & Trenching Details (Electrical-Impacting)	ADDRESS: Place (Palo Alto, CA) (mock)
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SHEET: E-003

REV: 0

DATE: 2026-01-26

ISSUED FOR:

UNSTAMPED
(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 TITLE: Electrical Notes & Code Sheet
ADDRESS: Place (Palo Alto, CA) (mock)

SHEET: E-005

REV: 0

DATE: 2026-01-26

ISSUED FOR:
UNSTAMPED
(electrical-only)