

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

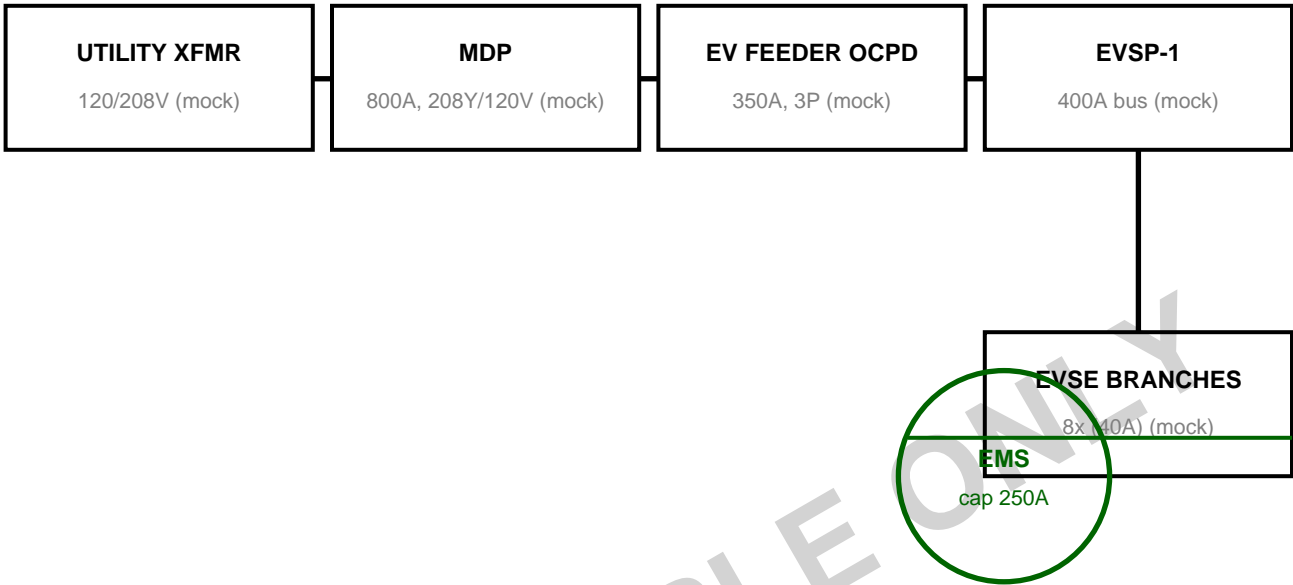
MOCK / EXAMPLE ONLY

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):

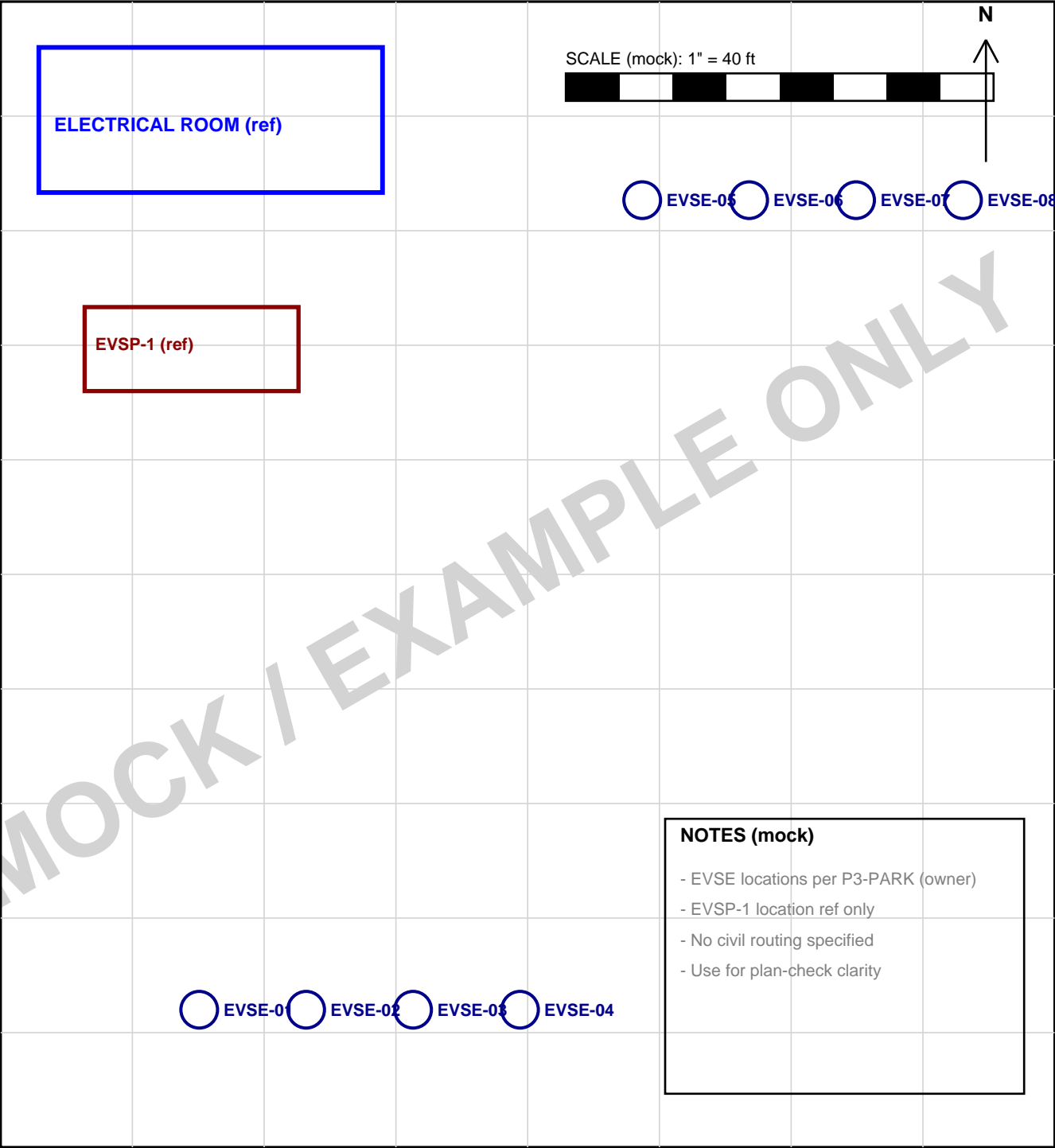
- Existing service basis: 800A, 208Y/120V, 3Ø (verify in Phase 1 evidence).
- EVSE loads treated as continuous; branch OCPD basis 40A per 32A continuous (mock).
- EMS/load management shown to cap aggregate EV demand to $\leq 250A$ (mock basis).
- Final conductor sizing, AIC, and coordination to be confirmed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

<div>PROJECT (mock): EV Charging Site Project</div> <div>SHEET TITLE: Conduit & Trenching Details (Electrical-</div> <div>ADDRESS: Place (Palo Alto, CA) (mock)</div>	<div>SHEET: E-003</div> <div>REV: 0</div> <div>DATE: 2026-01-26</div>	<div>ISSUED FOR:</div> <div>UNSTAMPED</div> <div>(electrical-only)</div>
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File: P3.3_Conduit_Trenching_Details_ElectricalImpacting_2026-01-26.pdf | Generated: 2026-01-22 | Page 1

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	ISSUED FOR:
	REV: 0	UNSTAMPED
	DATE: 2026-01-26	(electrical-only)