

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

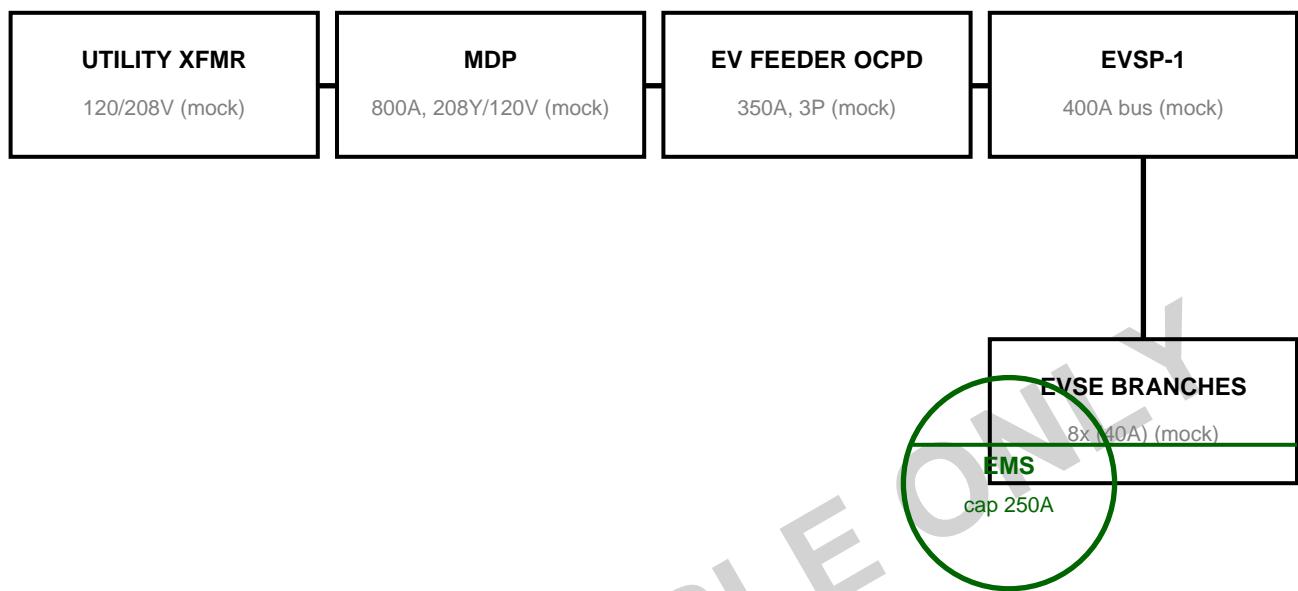
NOTE: This compilation is a mock artifact; replace with real CAD/PDF exports and stamps.

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

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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.

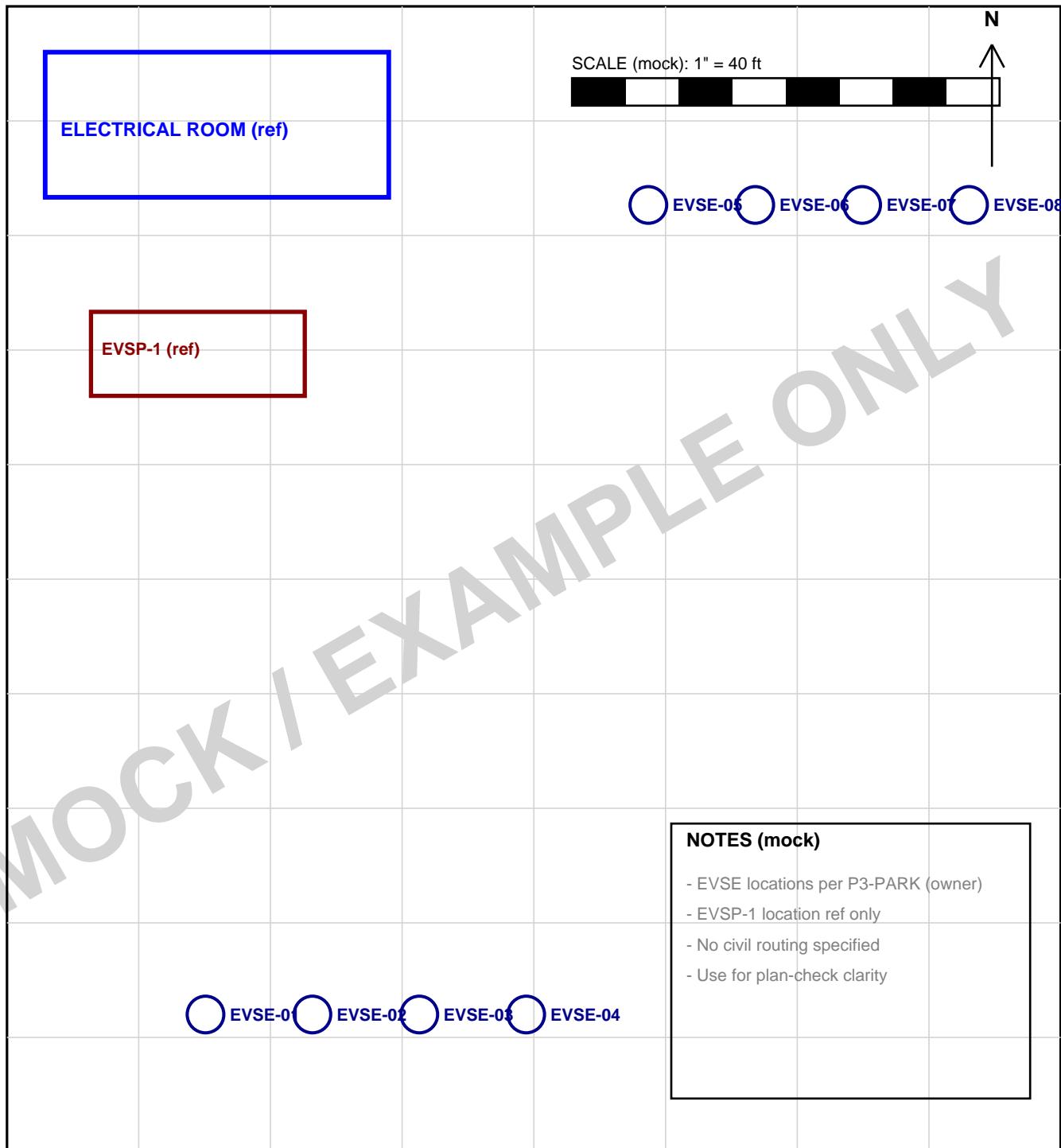
PROJECT (mock): EV Charging Site Project	SHEET: E-001	ISSUED FOR:
SHEET TITLE: One-Line Diagram (Preliminary)	REV: 0	UNSTAMPED
ADDRESS: Place (Palo Alto, CA) (mock)	DATE: 2026-01-26	(electrical-only)

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

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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)

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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)

SHEET: E-003

REV: 0

DATE: 2026-01-26

ISSUED FOR:

UNSTAMPED
(electrical-only)

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

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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)

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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:
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(electrical-only)