

# 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

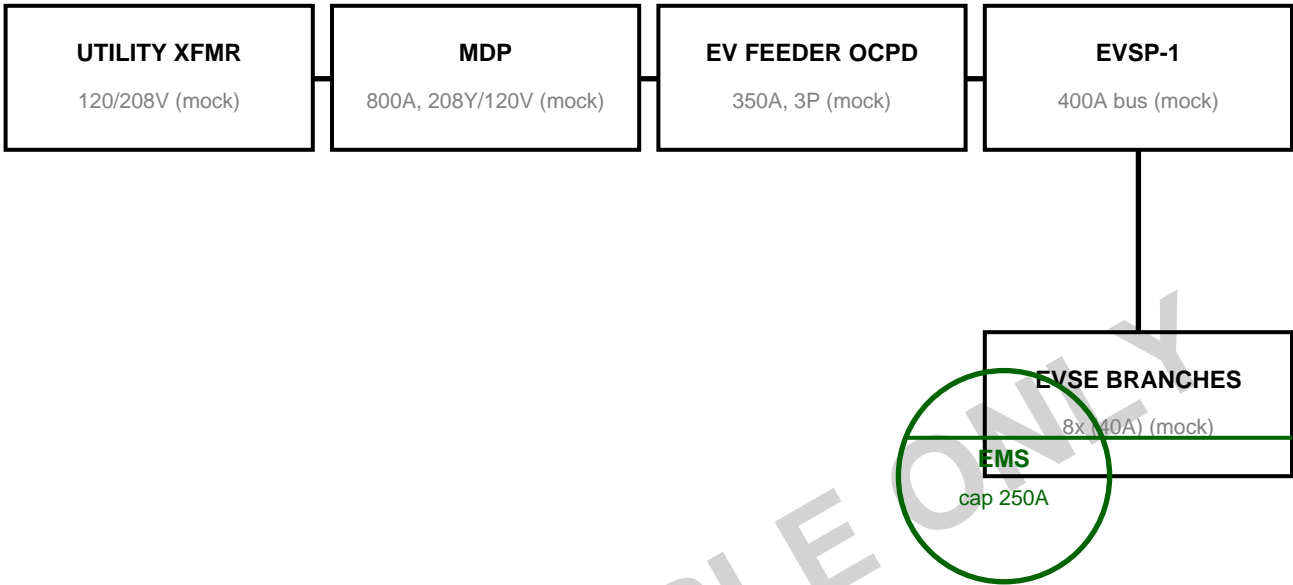
MOCK / EXAMPLE ONLY

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):

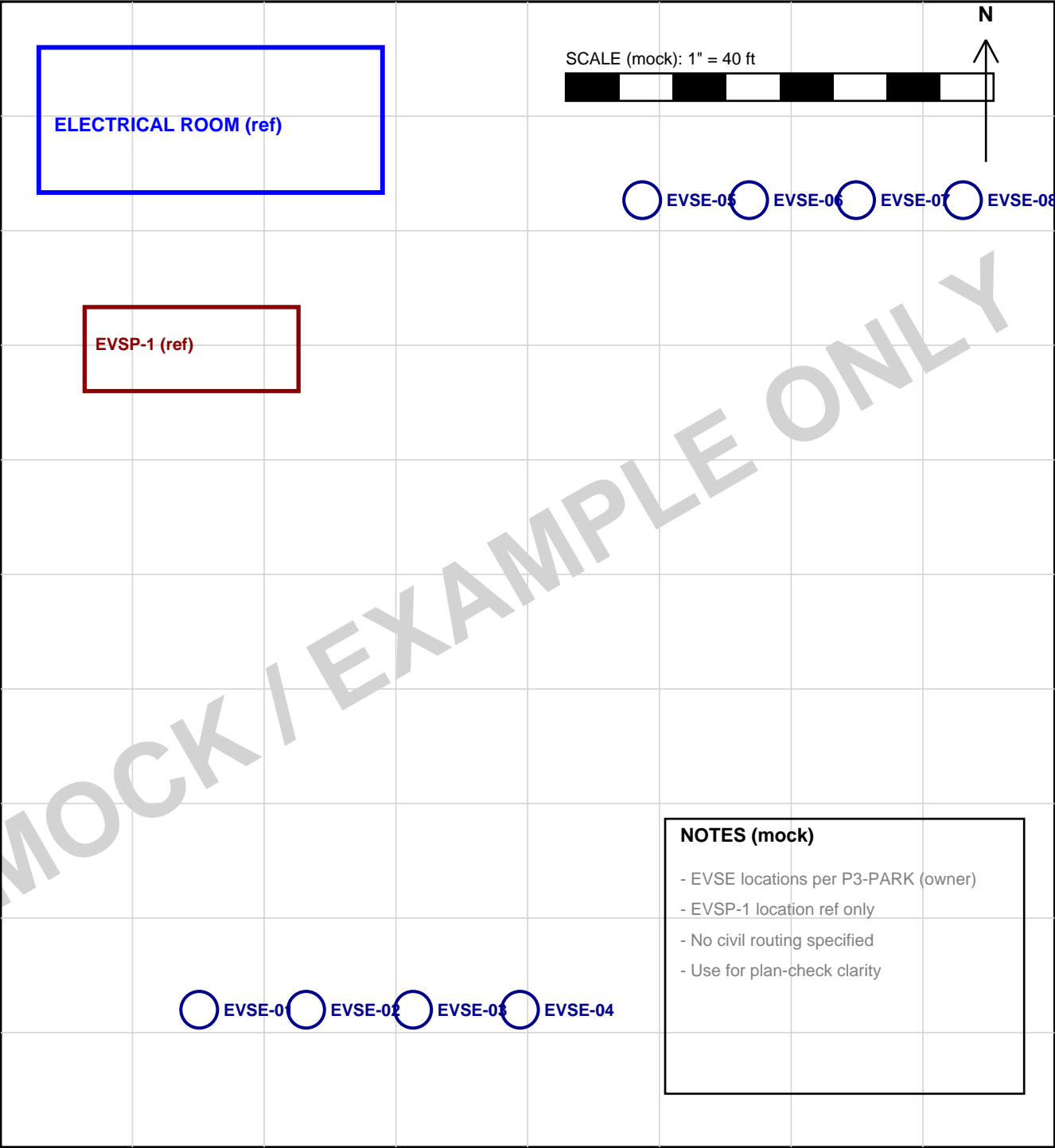
- Existing service basis: 800A, 208Y/120V, 3Ø (verify in Phase 1 evidence).
- EVSE loads treated as continuous; branch OCPD basis 40A per 32A continuous (mock).
- EMS/load management shown to cap aggregate EV demand to  $\leq 250A$  (mock basis).
- Final conductor sizing, AIC, and coordination to be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

<b>PROJECT (mock):</b> EV Charging Site Project	<b>SHEET:</b> E-001	<b>ISSUED FOR:</b>
<b>SHEET TITLE:</b> One-Line Diagram (Preliminary)	<b>REV:</b> 0	UNSTAMPED
<b>ADDRESS:</b> Place (Palo Alto, CA) (mock)	<b>DATE:</b> 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)



<b>PROJECT (mock):</b> EV Charging Site Project	<b>SHEET:</b> E-002	<b>ISSUED FOR:</b>
<b>SHEET TITLE:</b> Site Plan — EVSE Locations	<b>REV:</b> 0	UNSTAMPED
<b>ADDRESS:</b> Place (Palo Alto, CA) (mock)	<b>DATE:</b> 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.

<b>PROJECT (mock):</b> EV Charging Site Project	<b>SHEET:</b> E-003	<b>ISSUED FOR:</b>
<b>SHEET TITLE:</b> Conduit & Trenching Details (Electrical-	<b>REV:</b> 0	UNSTAMPED
<b>ADDRESS:</b> Place (Palo Alto, CA) (mock)	<b>DATE:</b> 2026-01-26	(electrical-only)

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.

<b>PROJECT (mock):</b> EV Charging Site Project	<b>SHEET:</b> E-004	<b>ISSUED FOR:</b>
<b>SHEET TITLE:</b> Panel Schedules (MDP + EVSP-1)	<b>REV:</b> 0	UNSTAMPED
<b>ADDRESS:</b> Place (Palo Alto, CA) (mock)	<b>DATE:</b> 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

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