

# Routing Assumptions Memo — Photo Context (Mock)

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EV Charging Site Project — Phase 3 Inputs (MOCK)

This memo records routing and site-condition assumptions that affect electrical design outputs (e.g., voltage drop basis, assumed feeder length, transition points). It does not specify construction means-and-methods.

## Assumptions (mock):

- Assumed electrical path length MDP → EVSP-1: 165 ft (basis for voltage drop and impedance).
- Wiring method basis: raceway system, indoors/garage environment (CEC/NEC compliant).
- Assume no core drilling through rated walls without separate approvals (constraint only).
- Assume existing spare 3-pole spaces in MDP are available for EV feeder breaker (verify).
- Assume EVSE pedestals/wall mounts located per owner parking layout (P3-PARK) with field offsets.

## Design impacts (mock):

- Voltage drop check uses 165 ft basis; final field measurement may adjust conductor sizing.
- Feeder routing transition points labeled for clarity on drawings (no trenching/civil scope).
- Separation requirements noted for power vs communications cabling (if any).



Photo context 1 (mock)



Photo context 2 (mock)

NOTE: Photos are illustrative mock assets; replace with project field photos.