



## Department of Community Development and Sustainability

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# CHECKLIST FOR RESIDENTIAL ELECTRIC VEHICLE CHARGING SYSTEMS

- ☐ Completed [BUILDING PERMIT APPLICATION](#)
- ☐ Completed plans, including floor plan and panel location
- ☐ Completed [Electrical Service Load Worksheet](#)
- ☐ Equipment Manufacturer's Installation Instructions

### Electronic Submittal Requirements

- ☐ PDF files of forms listed above
- ☐ Email all PDF files to [buildinginfo@cityofdavis.org](mailto:buildinginfo@cityofdavis.org)
- ☐ Email and all attachments must be less than 30 Mb

### General Requirements:

Level of EV charging:

- ☐ Level 1 (120V)
- ☐ Level 2 (240V)

Type of equipment being installed:

- ☐ NEMA 14-50
- ☐ NEMA 5-15
- ☐ NEMA 5-20
- ☐ Other \_\_\_\_\_

Equipment Overcurrent Protection Rating:

- ☐ 50A
- ☐ 15A
- ☐ 20A
- ☐ Other \_\_\_\_\_

Existing Electrical Service:

- ☐ 100A
- ☐ 125A
- ☐ 150A
- ☐ 200A

Branch Circuit Distance:

- ☐ 100 Feet or less
- ☐ More Than 100 Feet

Conductor Size:

- ☐ #14 Cu
- ☐ #12 Cu
- ☐ #6 Cu
- ☐ Other \_\_\_\_\_

### Circle the Approximate Location of Charging System

