

ELECTRIC SERVICE REQUIREMENTS

CITY OF LOS ANGELES DEPARTMENT OF WATER AND POWER

DESIGN AND INSTALLATION GUIDE FOR METER AND SERVICE EQUIPMENT (ADU)

Date:

10-1-20

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Note: These pages will be superseded by the Electric Service Requirements Manual 2020 or later.

M. ACCESSORY DWELLING UNIT (ADU)

1. **GENERAL**

- a. ADU's are classified under State Law and the City of Los Angeles Accessory Dwelling Unit LAMC and Government Code as a unit with a full kitchen and bathroom, which is an accessory use to a primary or main single-family residence that cannot be sold separately from the primary or main single-family residence. An ADU may also be incorporated within, attached to, or detached from the primary or main single-family residential structure and may not exceed 1200 square feet in size.
 - For more information on specific requirements, contact the Los Angeles Department of Building and Safety and the Los Angeles Department of City Planning.
- Construction shall not encroach on Department line facilities, right of ways or easements.
 For more information on encroachments, contact the Department's Real Estate office, see page 1-7.
- c. When more than one meter will be installed, both attached and detached ADU's shall have a separate and unique legal address that is different from that of the primary residence as approved by the Los Angeles Department of Public Works.
- d. A single service lateral and service point shall be provided per lot or premises.

METERING

- a. Unless otherwise approved by the Department, all meters and service equipment shall be grouped into a single location on the primary single-family residence structure in compliance with the Department's service requirements.
- b. For overhead service, the following options are available:
 - (1) Use existing residential meter from primary single-family residence.
 - (2) One residential multiple-metering (2-gang) meter panel with a single service head.
 - (3) Two residential meter panels with separate service heads grouped together, see note 7-14 E1(b).
 - (4) A single commercial safety socket meter panel and service head.
- c. For underground service with multiple-metering, the terminating pull box and service shall be sized to accommodate both the primary residence and ADU service ampacity requirements. Where a single meter serves both spaces, a residential meter panel or a commercial safety socket meter panel with pull box, shall be required.

Note: An increase in service ampacity may dictate a higher equipment fault duty rating, contact the Department for Fault current information.

3. REFERENCES

- a. For meter sockets and meter socket jaw arrangements, see pages 2-3, 2-4, 2-5, and 2-6.
- b. For multiple-metering residential panels, see page 2-24.
- c. For safety socket panels, see pages 2-26 to 2-33.

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- d. For underground pull box, see pages 2-15, 2-16 and 2-17.
- e. For meter locations, heights, clearances, and working space (0-600V), see pages 5-4 to 5-14.
- f. For overhead service, drops, clearances, attachments and service heads, see pages 7-2 to 7-21.
- g. For Fault Current information, see page 1-28.
- h. For construction in the proximity to overhead power lines, refer to Department Standard OA006-01.