

**Construction Drawing Plan Set Checklist**—Note this is a list of all items that need to be included. They can be in any format you like.

- T-1: Title Sheet
  - i. Site name
  - ii. Site address
  - iii. SMUD pole number
  - iv. GIS coordinates (Cal. Coordinate Zone 2 NAD 83)
  - v. Service Notification Number
  - vi. Digital picture of pole
- GN-1: General Notes
  - i. Public noticing note
  - ii. C-10 note
  - iii. SMUD Inspector note
    - 1. All SMUD Infrastructure shall be installed per SMUD Inspector instruction
    - 2. Pre-construction meeting with SMUD Inspector required prior to start of work.
- C-1: Civil Survey Site Plan
  - i. Civil Survey drawing (Plan view of the proposed pole with adjacent poles, Road right of way, PUE, property lines, and any additional recorded easements or right of ways shown on Civil Survey Site Plan.)
- A-1: Antenna Site Plan
  - i. Riser quadrant detail showing existing risers/equipment on pole and proposed risers/equipment to be installed.
  - ii. Climbing space identified.
  - iii. ADA clearance shown and noted when applicable.
- A-2: Antenna Elevation Plan
  - i. Profile view of existing pole and proposed pole after re-arrangement and new attachment.
    - 1. Elevations on this sheet should match pole attachment heights provided with pole loading structural analysis reports and match utility pole elevation form Civil Survey Site Plan C-1.
- E-1: Electrical Plan
  - i. SLD
    - 1. Wire size
    - 2. Fuse size
  - ii. Small Cell maximum nameplate capacity in AC (all equipment)
    - 1. Calculation per March 9, 2018 letter
      - a. Device(s) maximum nameplate rated amps x device(s) minimum nameplate voltage = Max watts
      - b. Max watts / service nominal voltage (120V or 240V) = adjusted amps
      - c. Adjusted amps x service nominal voltage (120V or 240V) = max watts x number of units =

- d. Final AC Maximum Watt Rating
    - 2. PSU Name plate photo
    - 3. Self-cert letter with EE PE stamp
  - iii. Grounding plan
- D-1: Details
  - i. Service Termination Point Spec
    - 1. Fused disconnect switch for SMUD owned/co-owned poles
      - a. 2200 max watt limit for non-metered service & rate
        - i. Meters not allowed on SMUD owned/co-owned poles
    - 2. Breaker box or inline fuse okay for non-SMUD owned poles
      - a. UG service only
        - i. Metered or non-metered service
        - ii. No pull boxes allowed in service run
  - ii. Service Connection Point Spec
    - 1. Unglued ½" elbow (sweep) for SMUD owned/co-owned poles
      - a. OH service connected on same pole as small cell site
    - 2. UG service from 17"x30"x18" SMUD Electric box for non-SMUD owned poles
      - a. No pull boxes allowed in service run
  - iii. Small Cell Components Specs
    - 1. PSU
    - 2. Radios / Antennas
    - 3. Attachment Hardware and bracket
    - 4. Riser hardware & conduit