Use: 1Ø, 3-wire service
240/120 V
400 A or less.

1Ø UNDERGROUND SERVICE
FROM OVERHEAD, 0 - 400 A

Pedestal Hole
36"

Riser per SR-220 for 2-1/2"
Secondary Conduit
Pedestal Latch Side
Center of Easement
Service Conduit
To Meter Base
2-1/2" PVC or HDPE

If the entire Service Conduit is not installed at the same time when the pedestal is, then a 36" x 90° sweep and 5' straight stick (stub out) of schedule 40 PVC will be installed. The stub out will contain the pull rope for the entire run, plus 10' excess for each end. Duct plugs shall cover all conduits.

36" x 90° Steel Ell
Adapter

3" Min./5" Max Concrete Encasement, if PVC or HDPE with PVC 90° ELL's, conduit run exceeds 150' or any length with a combination of 270° (or more) of bends, not to exceed 360°.

No Concrete is required with a Continuous Wave-Rib installation.

First 10' of riser to be customer provided
Location of pedestal to be determined by Designer/Field Tech

IN INITIATED BY GC
REVISION NO. 2
SR-308-A
Pg. 1 of 2
Customer Responsibilities

1. From the specified TEP pole, provide and install a 36” x 90° steel ell and the first 10’ length of steel riser up the pole, then from the riser extend a 2.5” duct system ending with a 4” stub above the sub-grade; within the pedestal hole. If the entire Service Conduit is not installed at the same time when the Secondary conduit and pedestal is, then a 36” x 90° sweep and 5’ straight stick (stub out) of schedule 40 PVC will be installed. The stub out will contain the pull rope for the entire run, plus 10’ excess for each end. Duct plugs shall cover all conduits. The duct installation shall meet the requirements of SR-205. For Concrete Encasement requirements: Where the duct run exceeds 150’ in length between the riser pole and the secondary pedestal, or any length with a combination of 270°, bends not to exceed 360°. This encasement will be required on the vertical sweeps only for the length of 10’.

Rigid Steel, IMC, and Rigid Aluminum conduit must have a protective tape applied. The tape is to be installed starting 6” above final grade down beyond the (Shur-Lock II or PVC) coupling joint. Use 10 mil. protection tape in a half lap installation.

2. The duct size shall be 2-1/2” for service entrance ratings of 0-400 Amps. All risers must be secured to pole with standoff brackets (See Note 3 for material).

3. Approved Material

2.5” Standoff Bracket - Aluma-Form, Inc., Cat. No. 4-CSO-7/.STK-2.5T
Lag Screw, 1/2” X 4” or Riv,Nuts.
Riv-Nut Installation tool - 131638, Riv-Nut - AB66900, see SR-220

4. TEP will supply the customer with the above ground pedestal which the customer is to install. Please give TEP a 1 week notice and specify a contact name, phone number, and staging area. It’s the customers’ responsibility for the care of this material. The customer must sign for the delivered material. Any lost or damage material will be the responsibility of the customer to replace with approved TEP material.

5. Any existing CIC Secondary or Service cables that are required to be relocated to the new pedestal will require the installation of the previously specified stub out. TEP will advise the customer on the direction of placement.

TEP Responsibilities

1. Specify location for the pedestal, and what quadrant the pole riser is to be attached. Location of the junction box will normally be 7’ to 12’ from pole, or as specified by Designer/F.Tech area. If located in a traffic area, protective posts must be installed per SR-230.

2. Provide and install continuation of duct on TEP pole and ground the metal riser.

3. Provide and install cable in the duct from the pole to the junction box.

4. Provide the pedestal. Terminate the secondary and service conductors.

5. Maintain the pedestal after the service is connected to TEP’s distribution system.