NOTE:
It shall be the contractor’s responsibility to provide a complete service assembly as per the plans and specifications. The service conductor shall meet the requirements of the national electric code and applicable local codes. Shop drawings are not required for service equipment unless noted on the plans.

Concrete Pole, Preassembled Type K-31, 36 Long.

Service Conductors Shall Be Stranded Copper Single Conductor Cable Type M.K.W. A minimum length of 27’ shall be provided from the weatherhead for each conductor.

Conductor Weatherhead Height As Required By Power Company.
P.E. Controller When Required

Weatherhead As Required Height Specified By Power Company

4/0 AWG Insulated Copper Ground Wire

In 2” Right Galvanized Steel Conduit.

Rigid Or Intermediate Metal Conduit
On All Above Ground Installations

Sleeve 3R

Pull Box (See Detail Index 1301.1)

Connection For Pole Ground, Bond Wire, And Ground Rod.

DETIAL B
UNDERGROUND FEED

SERVICE SPECIFICATIONS

1. The enclosure shall be NEMA 3R, pole mounted, rain—tight.

2. The enclosure door shall be located on bottom and four概况 provided by the scrutinizing agency. The door shall be a minimum of three hinges and be lockable. No screws to be used to attach door.

3. 480 V minimum rating. Bolt-in type breaker shall be used.

4. Breaker to be copper coated and have a minimum rating of 200 amps. When each breaker exceeds 200 amp breaker to match breaker trip/ratings.

5. Locate panelboard, transformer, and H.O.A. switch inside enclosure. The enclosure to be sized to accommodate as many breakers as called for and all other service equipment.

6. The enclosure to be rigidly attached to the pole face.

7. A 600 V lightning protector shall be wired inside the enclosure.

8. A main breaker is required on service panel with 2 or more feeder breakers.

9. All service equipment shall be U.L. approved.

DETAIL A
AERIAL FEED

Notes:

1. Photo electric control as required.

2. All neutral wires to have white insulation, do not use white or green insulated wire for ungrounded conductors.

3. A pull box is required at each service point.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

SERVICE POINT DETAILS

Approved by

Drew By

Issued By

E.O.

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