



| REF. NO. | DESCRIPTION | QTY. | SIZE 400 Amp |
|----------|---------------------------|-------------|----------------------|
| 1 | Conduit, rigid galvanized | 12' | 3" |
| 2 | Conductor | As required | 250 MCM copper |
| | Optional | As required | 500 MCM AL |
| | Optional | As required | (2) 3/0 copper |
| | Optional | As required | (2) 4/0 AL |
| 3 | Conduit Strap | 2 | 3" |
| 4 | Screw, Lag | 12 | As required |
| 5 | Ground Conductor | 16' | 1/0 copper |
| 6 | Bushing, bonding type | 4 | 3" |
| 7 | Galvanized locknut | 8 | 3" |
| 8 | Meter base | 1 | Furnished by Coop |
| 9 | Copperweld ground rod | 1 | 5/8" x 8' |
| 10 | Ground rod clamp | 1 | 5/8" |
| 11 | Conduit nipple | 1 | 3" |
| 12 | Weatherproof disconnect | 1 | 400 Amp |
| 13 | Breaker or fuse | 1 | 400 Amp |
| 14 | Treated 4 x 4 post | 2 | 8' |
| 15 | Treated lumber | | As required |

- A. Secure meter base and disconnect firmly to back of pole by using 8 - 1 1/2" x 12 RH wood lag screws.
- B. If aluminum conductor is used, apply corrosion inhibitor to all connections.
- C. All work shall be done in accordance to the national, state or local electric codes.
- D. Rigid galvanized steel is the only type of conduit that is acceptable.
- E. All conductor from the meter base to the service disconnect shall be in conduit.
- F. Parallel conductors must be cut to equal lengths.
- G. All treated lumber must be ground contact rated.
- H. Disconnect may be mounted on either side of meter base.
- I. Coop will install line side conductors in meter base.

400 AMP OVERHEAD TO UNDERGROUND SERVICE ON A METER PEDESTAL

Date:
8/13/2009

Drawn By:
BGA

DRAWING NAME
TCEC04