



| REF. NO. | DESCRIPTION | QTY. | SIZE 200 Amp |
|----------|------------------------------|-------------|-------------------------|
| 1 | Conduit, rigid galvanized | 15' | 2 1/2" |
| | Conduit, rigid galvanized | 5' | 2" |
| 2 | Line side Conductor | As required | 2/0 copper |
| | Optional line side conductor | As required | 250 MCM AL |
| | Load side conductor | As required | 4 copper |
| | optional load side conductor | As required | 2 AL |
| 3 | Conduit Strap | 3 | 2 1/2" |
| 4 | Screw, Lag | 6 | As required |
| 5 | Ground Conductor | 8' | #4 copper |
| 6 | Bushing, bonding type | 1 | 2 1/2" |
| | Bushing, bonding type | 1 | 2" |
| 7 | Galvanized locknut | 2 | 2 1/2" |
| | Galvanized locknut | 2 | 2" |
| 8 | Meter base | 1 | Furnished by Coop |
| 9 | Copperweld ground rod | 1 | Installed Coop by |
| 10 | Ground rod clamp | 1 | Installed Coop by |
| 11 | Weatherhead | 1 | 2 1/2" |
| 12 | Conduit nipple | 1 | 2 1/2" |
| 13 | Weatherproof disconnect | 1 | 200 Amp |
| 14 | Breaker or fuse | 1 | 200 Amp |

- A. Secure meter base and disconnect firmly to back of pole by using 8 - 1 1/2" x 12 RH wood lag screws.
- B. Identify neutral at weatherhead by removing 1" or more of insulation.
- C. If aluminum conductor is used, apply corrosion inhibitor to all connections.
- D. All work shall be done in accordance to the national, state or local electric codes.
- E. Rigid galvanized steel is the only type of conduit that is acceptable.
- F. Approximately 3 feet of conductor will extend from the weatherhead.
- G. All conductor from the meter base to the service disconnect shall be in conduit.

200 AMP MOP with additional 100A OH

Date:
8/31/2009

Drawn By:
BGA

DRAWING NAME
Custom