



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	Installed by Coop
10	Ground rod clamp	1	Installed by Coop
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