



REF. NO.	DESCRIPTION	QTY.	SIZE 400 Amp
1	Conduit	6'	3"
		12'	2 1/2"
2	Conductor	As required	(2) 2/0 copper
	Optional	As required	(2) 4/0 AL
3	Conduit Strap	1	3"
		2	2 1/2"
4	Screw, Lag	12	As required
5	Ground Conductor	16'	1/0 copper
6	Bushing, bonding type	1	3"
		6	2 1/2"
7	Galvanized locknut	2	3"
		6	2 1/2"
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	2	2 1/2"
12	Weatherproof disconnect	2	200 Amp
13	Breaker or fuse	2	200 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 12 - 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. All conductor from the meter base to the service disconnect shall be in conduit.
- E. Parallel conductors must be cut to equal lengths.
- F. All treated lumber must be ground contact rated.
- G. Rigid galvanized steel or schedule 40 PVC electric grade conduit may be used.
- H. Coop will install line side conductors in meter base.

**400 AMP UNDERGROUND SERVICE ON A
METER PEDESTAL WITH 2-200A
DISCONNECTS**

Date: 8/13/2009	Drawn By: BGA	DRAWING NAME TCEC04
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