



REF. NO.	DESCRIPTION	QTY.	SIZE 400 Amp
1	Conduit, rigid galvanized	15'	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	4	3"
4	Screw, Lag	8	As required
5	Ground Conductor	8'	1/0 copper
6	Bushing, bonding type	2	3"
7	Galvanized locknut	4	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	Weatherhead	1	3"
12	Conduit nipple	1	3"
13	Weatherproof disconnect	1	400 Amp
14	Breaker or fuse	1	400 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.
- H. Parallel conductors must be cut to equal lengths.

400 AMP OVERHEAD TO UNDERGROUND SERVICE LOOP ON A POLE

Date:
7/15/2009

Drawn By:
BGA

DRAWING NAME