



REF. NO.	DESCRIPTION	QTY.	SIZE 100 Amp
1	Conduit, rigid galvanized	15'	1 1/4"
2	Conductor	As required	# 4 copper
	Optional	As required	# 2 aluminum
3	Conduit Strap	4	1 1/4"
4	Screw, Lag	8	As required
5	Ground Conductor	8'	#6 copper
6	Bushing, bonding type	2	1 1/4"
7	Galvanized locknut	4	1 1/4"
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	1 1/4"
12	Conduit nipple	1	1 1/4"
13	Weatherproof disconnect	1	100 Amp
14	Breaker or fuse	1	100 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.

<b>100 AMP OVERHEAD TO UNDERGROUND SERVICE LOOP ON A POLE</b>		
Date: 7/15/2009	Drawn By: BGA	DRAWING NAME TCEC45