

CMS Electric Cooperative

Comanche Estates / Service Conditions

- 1 CMS will provide the Customer a meter breaker combination box to be on the house.
- 2 The Consumer will be responsible for the installation of the conduit from the transformer to the house (the size of conduit will be specified by CMS)
- 3 The Consumer will install a ground rod at the meter box.
- 4 CMS will provide and install the wire from the transformer to the house and make all connections.
- 5 If the customer wants to install a double throw breaker in the meter breakers box, the Customer shall purchase the proper breaker and interlock kit.

CONDUIT SIZES

WIRE SIZE	100 FT COPPER	100 FT ALUMINUM
#2	1 1/4"	1 1/2"
#1/0	1 1/2"	2"
#2/0	2"	2 1/2"
#4/0	2 1/2"	3"

AMPERAGE DISTANCES

WIRE SIZE	100 FT COPPER	100 FT ALUMINUM
#2	0 - 100A	0 - 70A
#1/0	100 - 200A	70 - 115A
#2/0	200 - 250A	115 - 150A
#4/0	250 - 400A	150 - 250A

WIRE SIZE	150 FT COPPER	150 FT ALUMINUM
#2	0 - 80A	0 - 50A
#1/0	80 - 130A	50 - 80A
#2/0	130 - 150A	80 - 100A
#4/0	150 - 250A	100 - 150A

WIRE SIZE	200 FT COPPER	200 FT ALUMINUM
#2	0 - 60A	0 - 35A
#1/0	60 - 100A	35 - 50A
#2/0	100 - 115A	0 - 70A
#4/0	115 - 200A	70 - 100A