

ARAB ELECTRIC COOPERATIVE, INC.
P. O. BOX 770
331 SOUTH BRINDLEE MTN PARKWAY
ARAB, AL 35016
TELEPHONE 256-586-3196
FAX 256-586-4943

TYPICAL OVERHEAD INSTALLATION

LOCATION OF METER BASE MUST BE SPECIFIED BY THE COOPERATIVE ENGINEER
BEFORE METER BASE IS INSTALLED ON THE HOUSE.

400 AMP INSTALLATION

3 - # 500 MCM COPPER INSULATED OR

3 - # 750 MCM ALUM INSULATED

#2 BARE COPPER GROUND

200 AMP INSTALLATION

3 - # 4/0 ALUM INSULATED OR (Neutral may be downgraded to #2/0 Alum Insulated)

3 - # 3/0 COPPER INSULATED (Neutral may be downgraded to #1/0 Copper Insulated)

#4 BARE COPPER GROUND

100 AMP INSTALLATION

3 - #2 ALUM INSULATED OR

3 - #2 COPPER INSULATED

#4 BARE COPPER GROUND

CONDUIT: MUST BE RIDGED GALVANIZED

IMC CONDUIT CAN NOT BE USED FOR AN OVERHEAD CONDUIT MAST.

100 AMP = 2 INCH

200 AMP = 2 INCH

400 AMP = 3 INCH