

# A Typical 100 Ampere Residential Mast Service Entrance

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**Note:** All current National Electric Code requirements will be the responsibility of the consumer prior to connection.

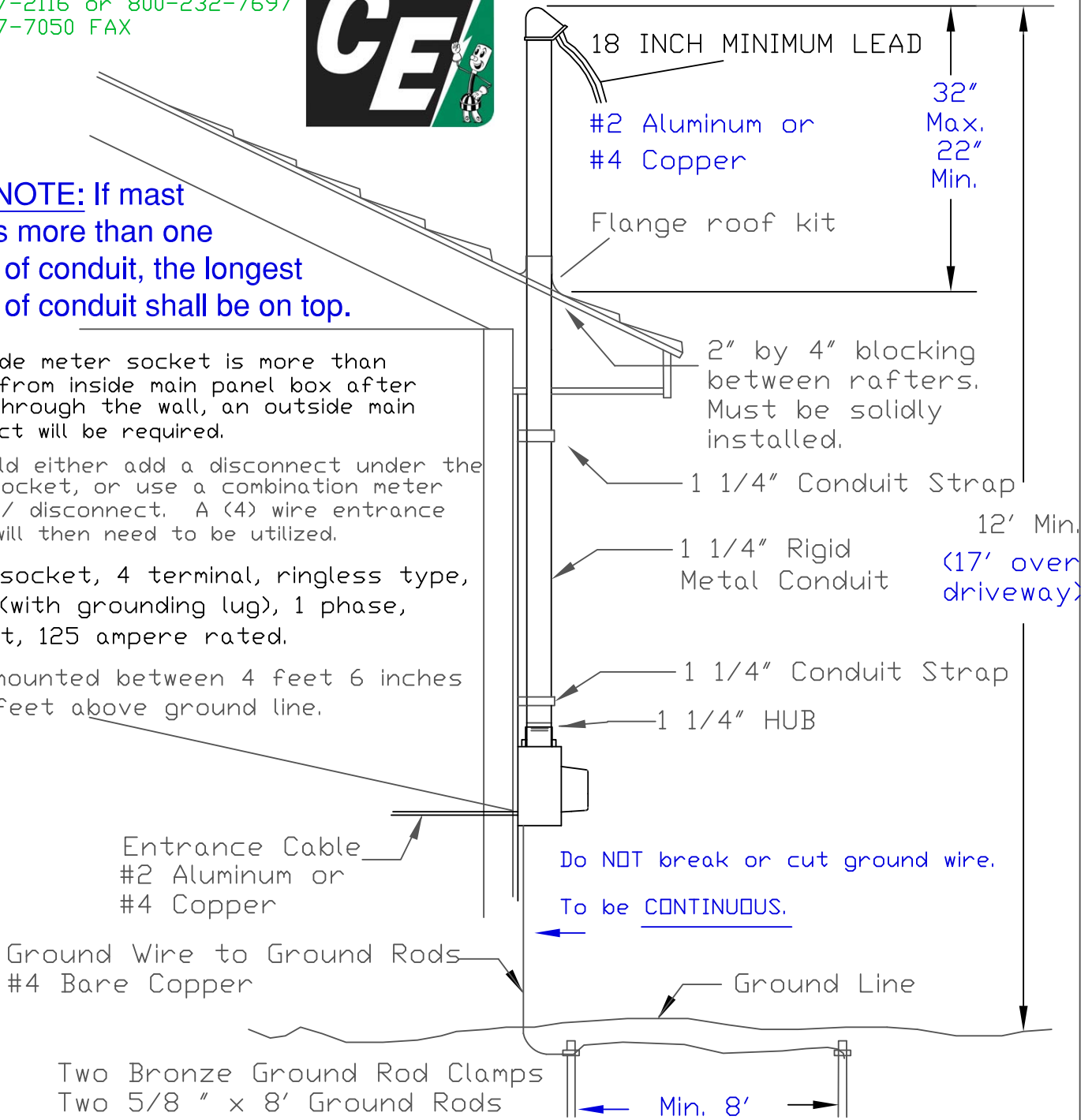
**MAST NOTE:** If mast requires more than one section of conduit, the longest section of conduit shall be on top.

If outside meter socket is more than 6 feet from inside main panel box after coming through the wall, an outside main disconnect will be required.

One could either add a disconnect under the meter socket, or use a combination meter socket / disconnect. A (4) wire entrance circuit will then need to be utilized.

Meter socket, 4 terminal, ringless type, 3-wire (with grounding lug), 1 phase, 600 volt, 125 ampere rated.

To be mounted between 4 feet 6 inches and 6 feet above ground line.



**NOTE:** Ground wire to run from meter socket and connect the two ground rods with one continuous wire.

**WARNING - AT NO TIME SHOULD YOU PUT COPPER AND ALUMINUM TOGETHER UNDER THE SAME CONNECTOR. CORROSION INHIBITOR TO BE USED ON ALL ALUMINUM CONNECTIONS.**