

# A Typical 200 Ampere Residential Mast Service Entrance

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

Applicant: \_\_\_\_\_  
 Signature: \_\_\_\_\_  
 Date: \_\_\_\_\_

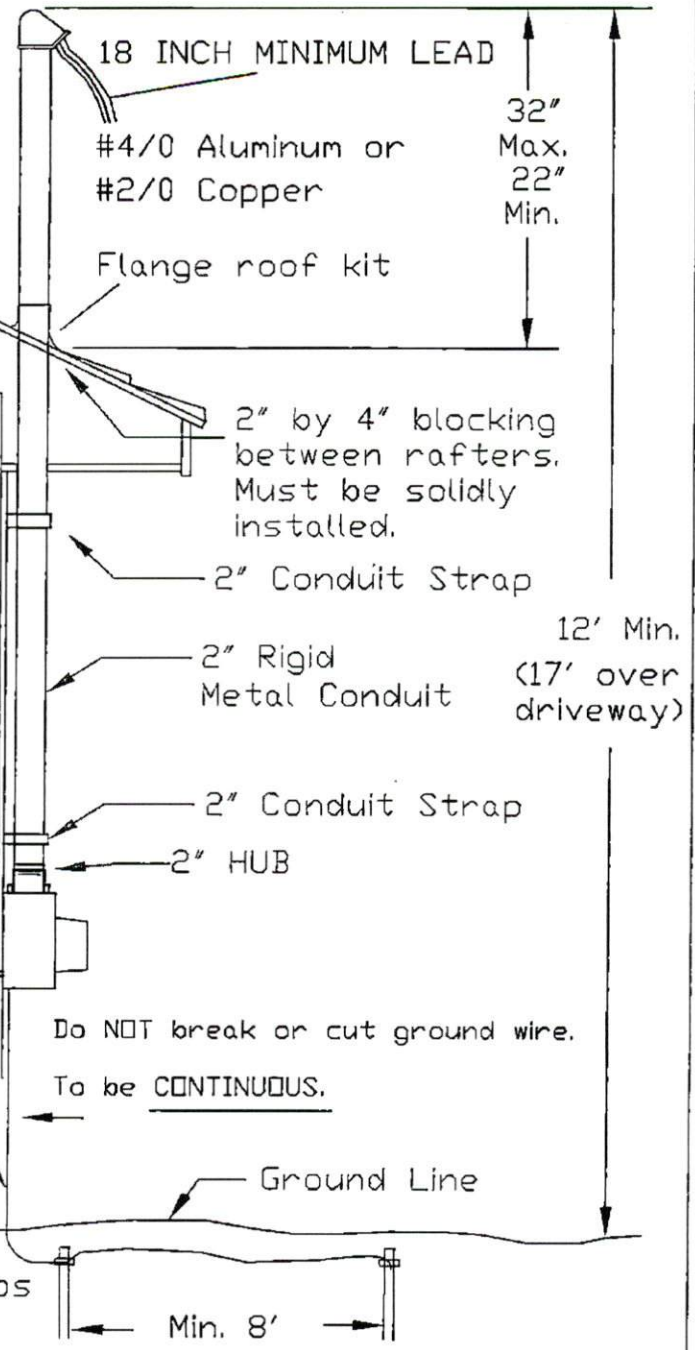
**MAST NOTE:** If mast requires more than one section of conduit, the longest section of conduit shall be on top.

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, 200 ampere rated.

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



Entrance Cable  
 #4/0 Aluminum or  
 #2/0 Copper

Ground Wire to Ground Rods  
 #4 Bare Copper

Two Bronze Ground Rod Clamps  
 Two 5/8 " x 8' Ground Rods

Do NOT break or cut ground wire.  
 To be CONTINUOUS.

NOTE: Ground wire to run from meter socket or breaker panel 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.