RESIDENTIAL ELECTRICAL SERVICE

Service entrance conductors require approved insulation for wet location. Provide 18" of free conductor for attachment to service drops.

Service entrance conduit size based on wire size & number of wires and insulation type. Min 1-1/4" conduit. Conduit above roof per Service Provider.

Service raceway to be secured within 18" of service head, within 36" of box and not to exceed 10' intervals on service conduit.

Threaded Boss or Hub ap-proved for bonding with I.M.C. or R.M.C.

Blocking per Service Provider

Meter socket.

Meter height per Service Provider.

Label All Breakers

Neutral bus.

Bond neutral and ground conduit to enclosure with lug or bonding jumpers.

Approved accessible grounding clamp with access to exterior or building per Service Provider.

Ground electrode conductor (wire) protected if necessary by a conduit or armored grounding cable.

Bond to interior gas and water lines.

CEC 250.53: 2 - 8' Driven Copper Rods 5/8" diam. min. listed. Rod Driven min. 6' apart. UFER: Required for new construction - #4 rebar or bare CU #4 wire 20' long & 2" min. from bottom of foundation.

Distribution breakers to be located in area protected from snow build-up in locations above 3,500 ft. elev.