

CONCRETE FOOTING

REBAR

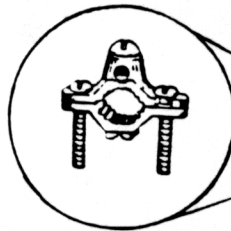
CONCRETE-ENCASED GROUNDING ELECTRODE CONDUCTOR

The grounding electrode conductor shall be:

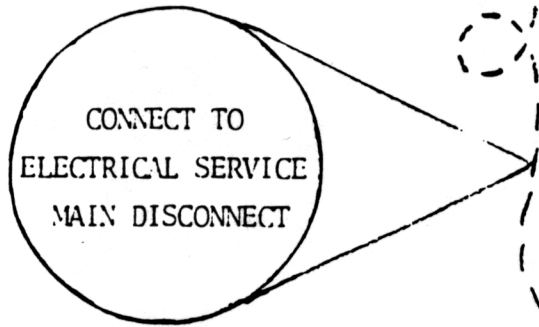
1. encased by at least 2 inches of concrete
2. located within and near the bottom of a concrete foundation that is in direct contact with the earth
3. of sufficient length to connect to water service pipe or electrical service disconnect without a splice
4. this connection shall be accessible
5. secure conductor to reinforcing bar every 2 feet.

The grounding electrode conductor shall consist of:

1. at least 20 feet of bare copper conductor installed in the concrete foundation sized according to Table 250-94 of the National Electrical Code, but not smaller than #4 A.W.G. copper.



WATER SERVICE



WATER MAIN

S T R E E T

CITY OF FAIRBANKS, ALASKA
 BUILDING DEPARTMENT

DESIGNED *CMC*
 DRAWN
 CHECKED
 DATE 4/22/86

GROUNDING ELECTRODE DETAIL