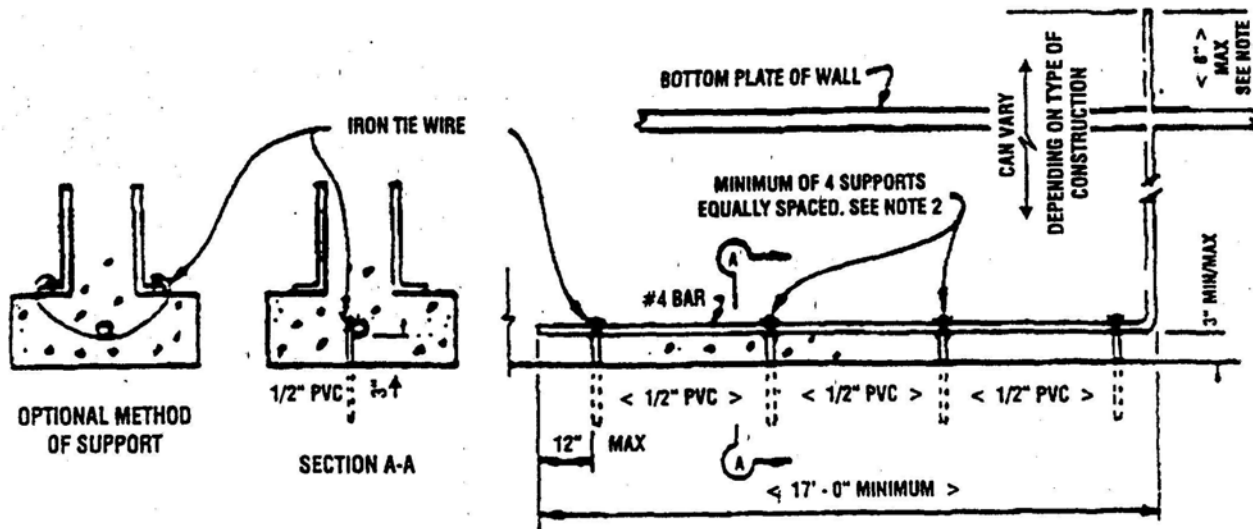


UFER Ground Installation

When using #4 (½ inch) Re-bar, the following **minimums** shall be followed:

1. 17 feet of Re-bar horizontally in bottom of footing.
2. Installed at center of footing and 3" from bottom.
3. Minimum of 4 substantial supports – equally spaced with Re-bar not to extend at either end more than 12".

Approved Methods of Support and Installation



General Notes

1. UFER ground electrode shall be properly supported to insure proper placement while concrete is being poured.
2. Re-bar Stakes may be used for support of UFER only when steel is sleeved /enclosed with a piece of PVC conduit.
3. Re-bar shall be clean and free of foreign material to enable maximum conductivity. (System good for Max. 200 amp service.
4. A maximum of 8" of Re-bar to extend above plate.
5. When using #4 AWG bare copper conductor, the conductor shall be supported every 30" or less and be properly tensioned to prevent sag when pouring concrete. A minimum of 3" of concrete encasement twenty feet long shall prevail.

