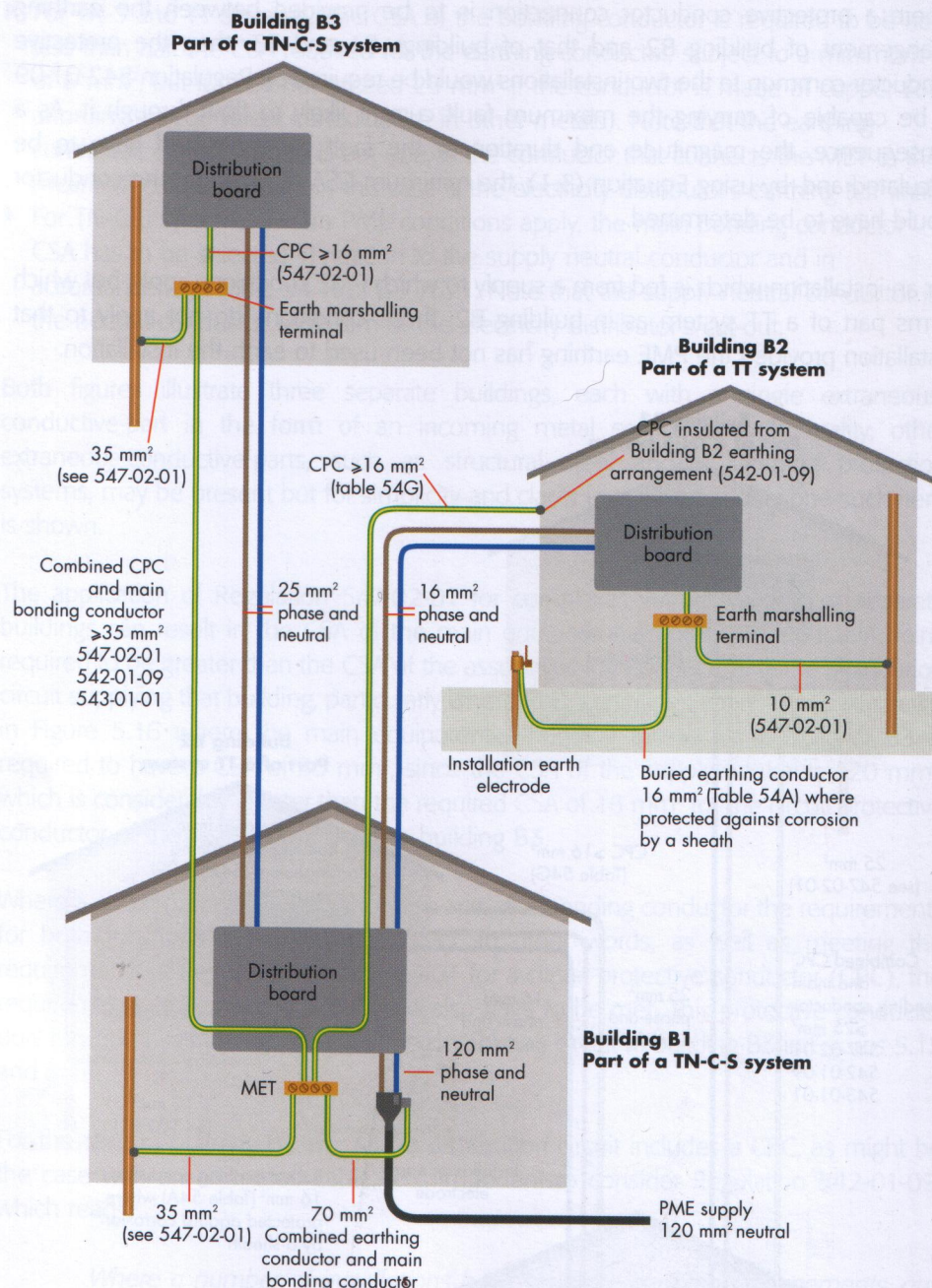


► **Figure 5.16** A three-building complex – system type is TN-C-S



5.7 Multi-occupancy premises

Main equipotential bonding in multi-occupancy premises can sometimes present problems in terms of interpreting the requirements of BS 7671. This typically involves premises such as blocks of flats, office blocks and shops that are separately let and have separate electricity supplies. Additionally, single-occupancy properties that have subsequently been converted into separate units sometimes also present problems.

BS 7671 requires main equipotential bonding conductors in each installation. The definition of installation, reproduced below together with that for the origin of the installation, relates to an installation supplied from a common origin.

Electrical installation. (abbr.: Installation). An assembly of associated electrical equipment supplied from a common origin to fulfil a specific purpose and having certain co-ordinated characteristics.