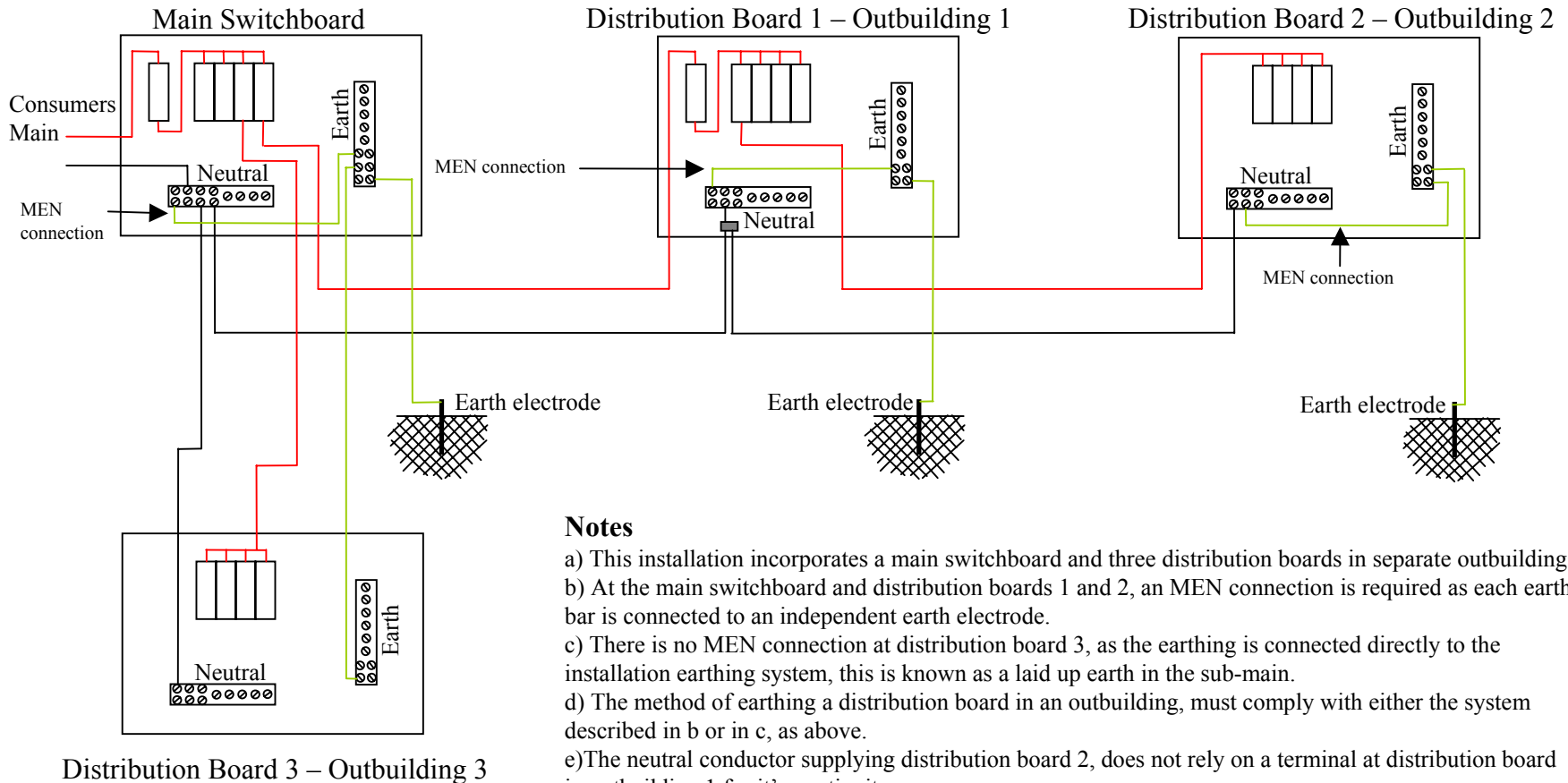


Multiple Earthed Neutral (MEN) System



Notes

- This installation incorporates a main switchboard and three distribution boards in separate outbuildings.
- At the main switchboard and distribution boards 1 and 2, an MEN connection is required as each earth bar is connected to an independent earth electrode.
- There is no MEN connection at distribution board 3, as the earthing is connected directly to the installation earthing system, this is known as a laid up earth in the sub-main.
- The method of earthing a distribution board in an outbuilding, must comply with either the system described in b or in c, as above.
- The neutral conductor supplying distribution board 2, does not rely on a terminal at distribution board in outbuilding 1 for its continuity.

Wiring Rules Clauses (specific to this diagram)

- 1.4.62 Definition of the MEN system
- 5.5 Size of Earthing Conductors
- 5.6.3.1 Main Earthing Conductors
- 5.6.6 Earthing in Outbuildings and Detached Portions of an Electrical Installation