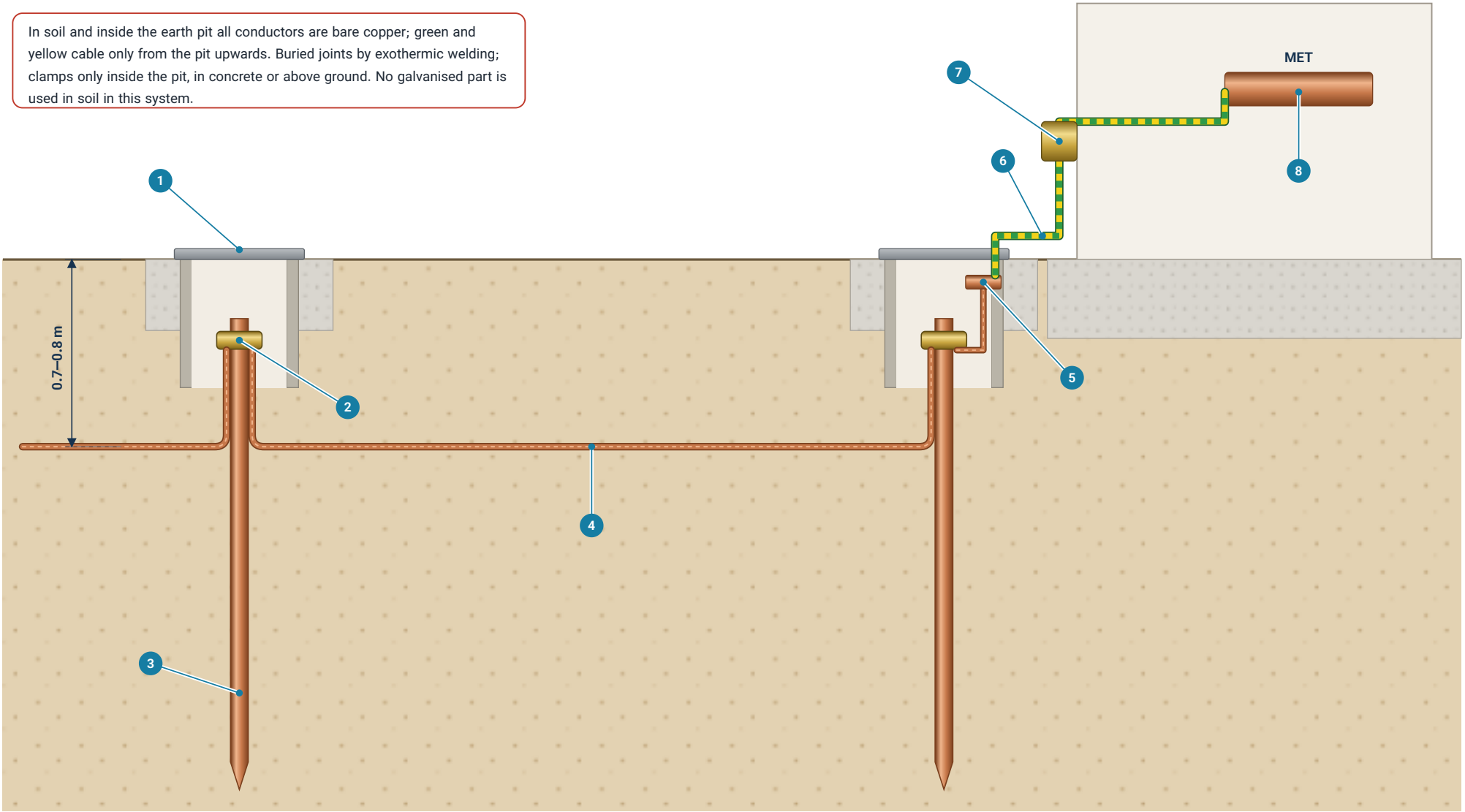
Earthing grid with bare copper conductor and copper-bonded earth rods

Bare conductor in soil and pit; green and yellow cable only from the pit upwards

BARE STRANDED COPPER · BSCC 006–400 SOFT · BSCD 035–095 HARD

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In soil and inside the earth pit all conductors are bare copper; green and yellow cable only from the pit upwards. Buried joints by exothermic welding; clamps only inside the pit, in concrete or above ground. No galvanised part is used in soil in this system.



1. Earth pit; concrete is poured around it
2. Brass clamp on the earth rod head, inside the pit
3. Copper-bonded earth rod
4. Bare copper conductor in soil
5. Earth pit bar; bare conductor up to here
6. Green and yellow cable, rising from the pit
7. Brass test joint above ground level

Building main earthing terminal (MET) 8

Bare copper conductor at 70 to 80 cm depth 4

The schematic is illustrative and not to scale.

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