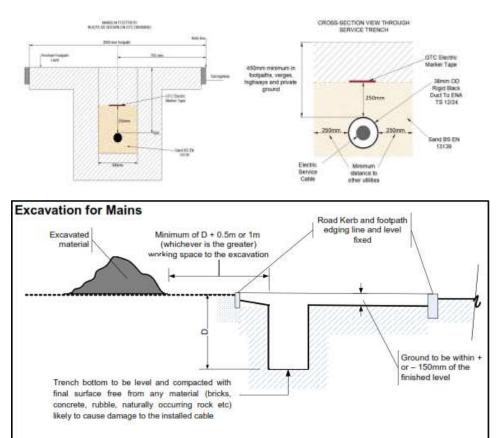
# gte

## **GROUNDWORKERS GUIDANCE - ELECTRICITY**

### LV ELECTRICITY MAINS INSTALLATION

**Road Crossings** - It is the Developer's responsibility to supply and install all ducts for road crossings and/or services. Ducts for road crossings **MUST** be 150mm OD 'rigiduct' plastic compliant with ENA TS 12-24. Ducts for services must be 38mm OD 'polyduct' plastic compliant to ENA TS 12-24.

#### Setting Out – Line and Level



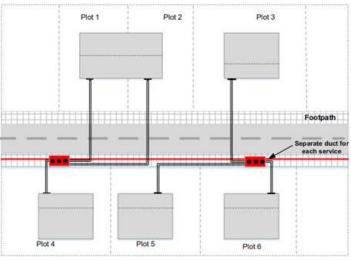
**Backfilling the trench** – this is the responsibility of the Developer unless stated otherwise in the original contract or agreed as a variation during the contract. All cables should be surrounded with cable sand to BS EN 13139.

#### **ELECTRICITY SERVICE ROUTES**

The sketches overleaf show acceptable service routes. The service routes form part of the network and **MUST** be constructed to the standards of the adopting Network Operator. Non-compliance with these standards will result in refusal to connect the service cables.

#### Emergency contact number 365/24hr 0800 032 6990 For advice please call 0845 6022498

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#### SERVICE CABLES

- Install meter cabinet (supplied by GTC, subject to contract) and ensure cabinet doors are securely fitted.
- Meter box locations **MUST** be in accordance with the approved construction drawing or approved in advance by an authorised GTC representative.
- Install white Hockey sticks (supplied by GTC, subject to contract) between the end of the 38mm rigid service duct and the meter cabinet.
- All Electricity service cables **MUST** be ducted from the meter position to the connection point on the mains cable in the footway using 38mm OD 'polyduct' ducting to ENA 12-24 supplied by the developer. Ensuring that it is installed at a minimum depth of 450mm, it is important to install the duct on a route exactly as shown in the design.
- Duct ends **MUST** be sealed.
- The line of the duct **MUST** be a minimum of 250mm away from the gas service pipe or duct.
- Lay 'Electricity' marker tape, supplied by GTC, 250mm above the ducts before backfilling the trench.
- The joint hole **MUST** be a minimum of 1000 x 800mm and the electric cable exposed completely.