

NOTES

- Foundations shown are based on a maximum weight of transformer minimum ground bearing pressure of $80 \mathrm{kN/m^2}$ of 40kN and a
- The foundations shown are for a substation built on natural ground, if ground is unsuitable the foundations are to be adjusted to structural engineers instructions.
- Floor slab shall be designed to carry a minimum load of 7.5kNm². Floor to be level, steel float finish concrete, and sealed with approved concrete sealer or concrete paint before equipment installation.
- Earthed area of floor slab reinforcement shown hatched (see PLAN OF EQUIPMENT & ENCLOSURE) to be inspected by Northern Powergrid clerk of works prior to pouring
- Floor to be cast to front face of door opening, providing solid threshold. External level to be 125mm below finished floor level, allow unrestricted access for gear, and have a level landing area.
- Trench covers to be 25mm exterior quality WBP ply, maximum width 1200mm, each cover to have 2 No. 35mm diameter finger holes, covers to be painted two coats silver gloss paint both sides and all edges
- Care is to be taken to ensure that access to cable openings is not impaired.

No Gas, Sanitary, Water or other Services to run through or under the substation.

Substation doors to be set back a minimum of 1500mm from back edge of footpath. Any proposed reduction in this clearance to be approved by Northern Powergrid following submission of site specific risk assessment and operational method statement

C978643 - Earth Point Connection Details

The customer to carry described including the of any other areas or out all necessary lighting and heating installation and building work as provision of the LV supply. The substation shall be wired independently customers accommodation.

Northern Powergrid will not install any equipment until the accommodation is deemed fit for purpose. Customer service will not be made live until completion certificate is issued.

Customer or their agent to obtain all necessary Planning and Building approvals before construction work commences.

This drawing is intended to indicate the minimum requirements for the installation of Northern Powergrid apparatus and is not in any way intended to describe the building to architectural, structural or other requirements.

Substation to be designed in accordance with Northern Powergrid flood mitigation policy. s minimum 15 days prior to commencement compliance with their requirements.

C991443

STANDARD DISTRIBUTION

SUBSTATION DRAWING Historic Drawing No.

78 Grey Street, Newcastle Upon Tyne, NE1

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1000kVA UDE IN

PREFABRICATED

ENCLOSURE