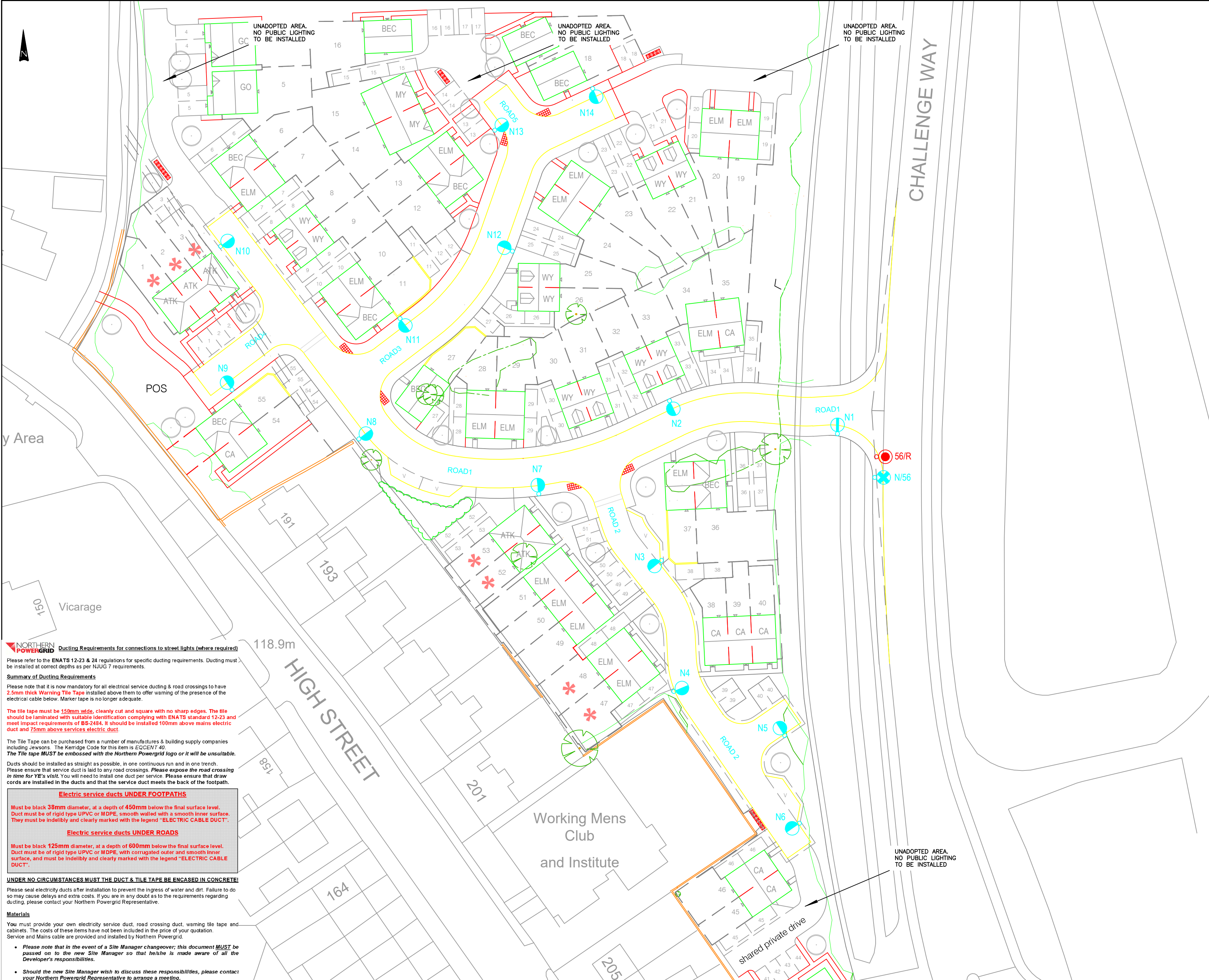




NORTHERN POWERGRID Ducting Requirements for connections to street lights (where required)

Please refer to the ENATS 12-23 & 24 regulations for specific ducting requirements. Ducting must be installed at correct depths as per NJUG 7 requirements.

Summary of Ducting Requirements

Please note that it is now mandatory for all electrical service ducting & road crossings to have **2.5mm thick Warning Tape** installed above them to offer warning of the presence of the electrical cable below. Marker tape is no longer adequate.

The tape must be **150mm wide**, cleanly cut and square with no sharp edges. The tile should be laminated with suitable identification complying with ENATS standard 12-23 and meet impact requirements of BS-2484. It should be installed 100mm above mains electric duct and 15mm above services electric duct.

The Tape Tape can be purchased from a number of manufacturers & building supply companies including Jewsons. The Kerridge Code for this item is **EGCENT 40**.
The Tape MUST be embossed with the Northern Powergrid logo or it will be unsuitable.

Ducts should be installed as straight as possible, in one continuous run and in one trench. Please ensure that service duct is laid to any road crossings. **Please expose the road crossing in time for YE's visit.** You will need to install one duct per service. Please ensure that draw cords are installed in the ducts and that the service duct meets the back of the footpath.

Electric service ducts UNDER FOOTPATHS

Must be black **38mm** diameter, at a depth of **450mm** below the final surface level. Duct must be of rigid type UPVC or MDPE, smooth walled with a smooth inner surface. They must be indelibly and clearly marked with the legend "ELECTRIC CABLE DUCT".

Electric service ducts UNDER ROADS

Must be black **125mm** diameter, at a depth of **600mm** below the final surface level. Duct must be of rigid type UPVC or MDPE, with corrugated outer and smooth inner surface, and must be indelibly and clearly marked with the legend "ELECTRIC CABLE DUCT".

UNDER NO CIRCUMSTANCES MUST THE DUCT & TILE TAPE BE ENCASED IN CONCRETE!

Please seal electricity ducts after installation to prevent the ingress of water and dirt. Failure to do so may cause delays and extra costs. If you are in any doubt as to the requirements regarding ducting, please contact your Northern Powergrid Representative.

Materials

You must provide your own electricity service duct, road crossing duct, warning tile tape and cabinets. The costs of these items have not been included in the price of your quotation. Service and Mains cable are provided and installed by Northern Powergrid.

- Please note that in the event of a Site Manager changeover, this document **MUST** be passed on to the new Site Manager so that he/she is made aware of all the Developer's responsibilities.
- Should the new Site Manager wish to discuss these responsibilities, please contact your Northern Powergrid Representative to arrange a meeting.

KEY:

- Proposed 6m steel lighting column c/w IGNIS Mini LED6 luminaire.
- Proposed 6m steel lighting column c/w IGNIS Mini LED7 luminaire. Set at 5 degrees.
- Existing steel column to remove. Transfer lantern to new column N/56.
- Proposed 10m steel column with lantern from removed column 56/R.

NOTE

Lighting column erections should only be called off once the adoptable back edge (pin kerb) has been installed on site and there are levels to work to.

The footway wearing course should not be laid until the lighting column/s have been erected and serviced.

REF. DATE		REVISIONS
Kirklees COUNCIL		
Streetscene & Housing Flint Street, Fartown Huddersfield, HD1 6LG		
SECTION		Street Lighting
DRAWN PF		CHECKED YMA
SCALE 1:500:A2	PROJECT NO. 6692	DATE 6-08-2021
PROJECT High Street/ Challenge Way Proposed Lighting Layout		
TITLE Street Lighting Sheet 1 of 1 BS13201:2015 BS5489-1:2020 Class P5		
DRAWING No.		6692
CAD No.		