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TEMPLE DINSLEY UTILITIES STATEMENT

Prepared by:

CBG CONSULTANTS LTD

OXFORD: South House, 3 Farmoor Court, Cumnor Road, OXFORD, OX2 9LU

Tel: 01865 864500

LONDON: 38 Warren Street, London, W1T 6AE

Tel: 02073 874 175

CAMBRIDGE: 50-60 Station Road, Cambridge, CB1 2JH

Tel: 01223 637746

E: info@cbgc.com

www.cbgc.com



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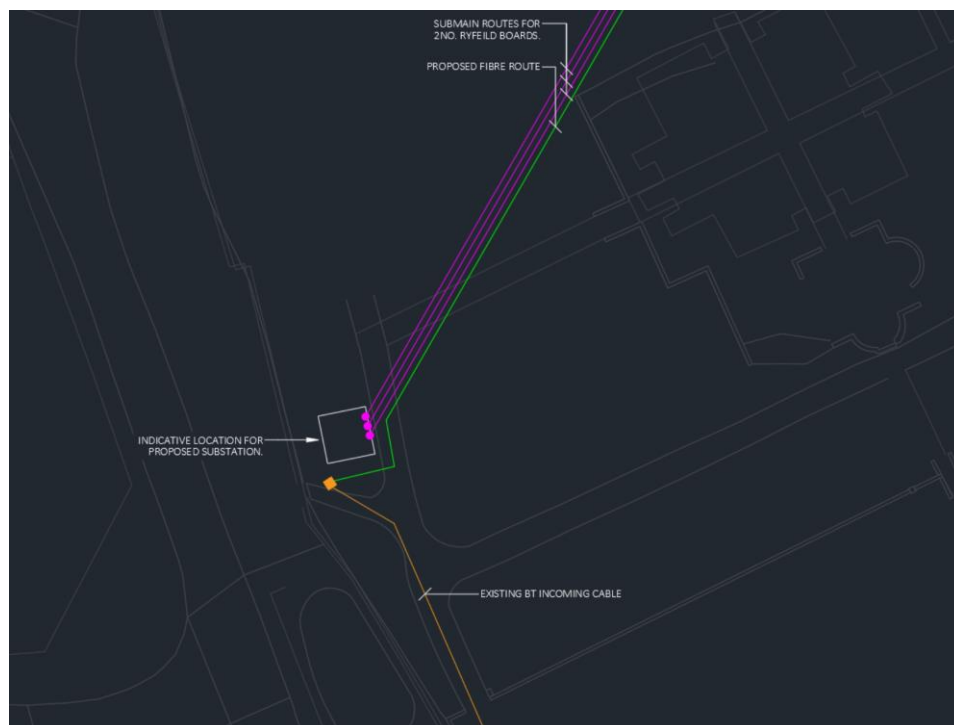
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1.2 Electrical Utilities

1.2.1 Electrical

The existing incoming electrical supply is located within the basement of the Main School Building and rated at 100A 3-phase based on survey information collected.

A new supply will be required to serve the development due to the anticipated electrification of heat/hot water, and the provision of new EV Charging. The estimated figure based on rule of thumb guidance and manufacturers data sheets is 1.6MVA. Due to the electrical loadings required, an upgraded UKPN supply application has been carried out which will include for a new substation to be located on the site boundary supplying covering the required loadings required for the project.



Potential location of new point of connection for Temple Dinsley

1.2.2 Comms

The existing incoming fibre connects into the site from the eastern façade of the main school building. The current fibre connections are not suitable for the number of flat & housing connections required within the scope and should be replaced as part of the scheme.

The current proposal involves disconnecting the existing fibre connection and installing a new connection from a nearby BT base adjacent to the proposed substation (subject to BT Openreach survey).

See document 11951-CBG-XX-XX-RP-ME-90003 (M&E Feasibility Report) for further details.



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