

Technical Note

Project Title	Steyping Grammar School		
Subject	Utilities Assessment Summary	Date	10/02/26
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1 Overview

This document addresses the utilities requirements for the proposed development at Steyping Grammar School, Shooting Fields, Steyping, BN44 3RX.

2 Electricity

UK Power Networks (UKPN) is the electricity distributor for the West Sussex, Steyping area. We have calculated the peak electrical load for the site and also any export requirements from renewable energy. Estimated Loads are as follows:

- Import – 1250kVA
- Export – 1051kVA

There is an existing substation that services the existing school building – UKPN have confirmed this will need to be replaced and upgraded with a new 1,500kVA substation. UKPN have confirmed that the new substation and local HV network can provide the 1,250kVA import capacity without any off-site reinforcement works. UKPN are also undertaking a load assessment to confirm the export capacity.

3 Water

Southern Water are the water authority for the local network. We have calculated the loading requirements for the new buildings and applied to Southern Water.

Southern Water have confirmed that a new 90mm MDPE connection can be provided to serve the new buildings without any offsite re-enforcement.

They will also provide a 90mm connection for firefighting purposes – to serve proposed fire hydrants on site to meet the building regulations.

4 Gas

The proposed buildings are to have heating and hot water provided by electrical sources and will not use mains gas.

Mains gas will be used for Bunsen burners within science laboratories. The exiting gas meter arrangement off Shooting fields will be retained and re-used for the feed to the science labs – no work is required by the local gas network authority. There will be no increase in gas load for the site, in fact there will be a decrease in gas load to the site when the existing buildings are demolished.