

**Gladman
Developments Ltd.**

Back Lane

Linton

Utilities Appraisal

January 2017

Utilities Appraisal – Linton

Electricity

Plans supplied by UK Power Networks (UKPN) indicate there are no existing mains within the site boundary. There are existing low voltage (LV) cables supplying the existing residential development to the west of the site. No major diversions are expected.

It is anticipated the proposed scheme would be supplied by either an LV or a high voltage (HV) point of connection which would be determined at detailed design stage. If an HV point of connection was provided a new on site secondary substation would be required to accommodate the new load with associated LV mains and service connections.

Gas

Plans supplied National Grid (NG) indicate there are no existing mains within the site boundary. There is an existing low pressure (LP) main running along Back Road; no diversions are expected.

It is anticipated this existing gas network would have sufficient capacity to feed the site; a new low pressure mains gas infrastructure would be laid on site with associated service connections.

Water

The plans supplied by Cambridge Water indicate there are no existing mains within the site boundary. There is an existing water main running along Back Road; no diversions are expected.

It is anticipated the new development will be able to be fed from the existing mains network within the vicinity of the site boundary; a new mains infrastructure would be laid on site together with associated service connections to serve the new domestic properties. Some network reinforcement may be required and further investigations are being made to confirm this.

Telecoms

BT records indicate there is existing underground and overhead plant running along the western site boundary along Back Road; minor diversions may be required to accommodate the new site entrances.

The proposed new site could be fed by extending this existing infrastructure. Broadband connections are available within this area though cable connections are yet to be installed.

Summary

Initial investigations have not highlighted any concerns or engineering difficulties with servicing the proposed development with new gas, water, electric or telecommunication connections.

New infrastructure and service connection costs are anticipated to be in line with those expected for a standard development of this scale.

It should be noted that all Utility Providers have a licence obligation to ensure that any connections to the system comply with all relevant regulations, legislation and Engineering Recommendations so therefore do not have an adverse effect to the supply and quantity of supply to existing customers.