Utilities Appraisal – Cottenham

Electricity

Plans supplied by UK Power Networks indicate that there are no existing mains within the site boundary. There are existing mains within Rampton Road; these are not likely to be affected by the proposed development.

It is anticipated the proposed scheme would be supplied by an HV connection from the existing mains within Rampton Road. A new on site secondary substation would be required to accommodate the new load with associated LV mains and service connections.

Gas

Plans supplied by National Grid indicate there are no mains within the site boundary. There is a 90mm low pressure (LP) main within Rampton Road terminating just to the south of the proposed site entrance. This will be unaffected by the proposed development.

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

Water

The plans supplied by Cambridge Water indicate there are no existing water mains within the site boundary. There is an existing water main running along Rampton Road; there may be a requirement for a minor diversion to accommodate a new site entrance.

It is anticipated the new development will be able to be fed from the existing mains network; a new mains infrastructure would be laid on site together with associated service connections to serve the new domestic properties.

Telecoms

BT records indicate there is no existing plant within the site boundary. There is underground plant running along Rampton Road; a minor diversion may be required to accommodate a new site entrance.

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

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.