ACL DUKE STREET, LIVERPOOL





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1.0 PURPOSE

The purpose of this statement is in support of the planning application on the above scheme and intended to provide re-assurances with regards to progress of advance consultation with the Utility providers in ensuring sufficient capacity exists in the external infrastructure.

This statement excludes surface and foul water drainage provision which is being progressed by the project Civil & Structural engineer, Arup.

2.0 SUMMARY OF UTILITY RESPONSES

2.1 Mains Cold Water

The peak mains cold water draw-off for this facility is expected to be fairly low, in the region of 0.51/s which is owing to a level of water storage being provided within the facility, along with water efficient sanitary-ware. This would require a 32mm diameter MDPE connection.

A pre-development enquiry has been issued to United Utilities with a letter received from United Utilities, dated 24 January 2013 (ref 4100108899) that confirms 'adequate capacity locally to supply water for domestic use to your proposed development'.

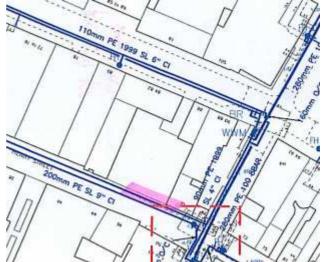
The image right provides a snapshot of existing water infrastructure in the vicinity.

2.2 Natural Gas

The peak natural gas draw-off for the scheme is expected to be in the order of $52m^3/h$ with a standard low pressure requirement.

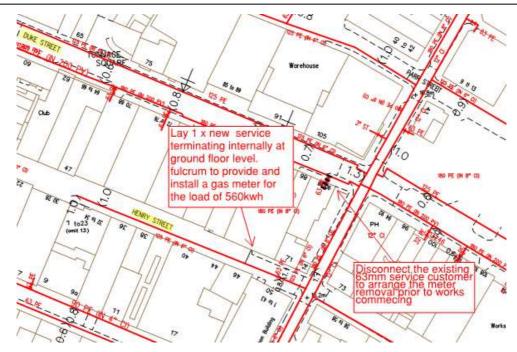
In response to the pre-development enquiry, we have received a proposal from Fulcrum Connections (letter dated 5th November, ref 5007614/PQ010943)

The image below provides a snapshot of the Fulcrum proposal.





UTILITIES STATEMENT



2.3 High Voltage

An electrical loading requirement of 500kVA has been identified for the development.

In consultation with Scottish Power, a requirement for a new HV substation has been identified.

Due to site spatial constraints, the sub-station will need to be integrated into the building construction.

Discussions with Scottish Power are ongoing to ensure the building design and construction includes all Scottish Power's requirements for the substation.

The substation will be dedicated to this facility.

