



MOLONEYFOX
CONSULTING ENGINEERS

PROJECT NO. 23.2527

**UTILITY STATEMENT
(MECHANICAL AND ELECTRICAL SERVICES)**

***RAHEEN SOCIAL HOUSING
LIMERICK CITY AND COUNTY COUNCIL***

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Directors: John Moloney, Matt Fox



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1.0 ESB SERVICES

The local ESB medium voltage infrastructure has the capacity to cater for the proposed development.

The medium voltage infrastructure shall be extended via underground ducts from the ESB 10/20kv underground Network to a new ground mounted sub located within the footprint of the development.

The extension of the ESB infrastructure shall be agreed in consultation with the client and ESB Network Engineers.

The development shall be served using one ground mounted substation, mini pillars, and micro pillars.

The location of the ground mounted unit sub shall be located on the architectural site plan.

The ESB Infrastructure including ESB mini pillars shall cater for electric car charging points in car park areas, where required.

There are no ESB overhead cables in the vicinity of the site that require diversions.

With regards to the local ESB services to each dwelling and apartment, provision shall be made to deliver adequate services to each dwelling and apartment to cater for both the electrical needs of the unit in terms of power for heat pumps and electrical car charging facilities.



Fig 1. ESB Record Drawing that indicates no overhead cable diversions required.

2.0 EIR SERVICES

The existing EIR infrastructure currently runs underground along the site boundary. In order to service this development, a new service shall be derived from the Eir network located on the footpath.

The proposed ducting shall be extended with the ESB ducting and any public Utilities ducting that maybe required along this road. This service shall provide both voice and broadband communications to the development to cater for residents needs. Within the development, the ducting system shall be brought to each unit and apartment block.

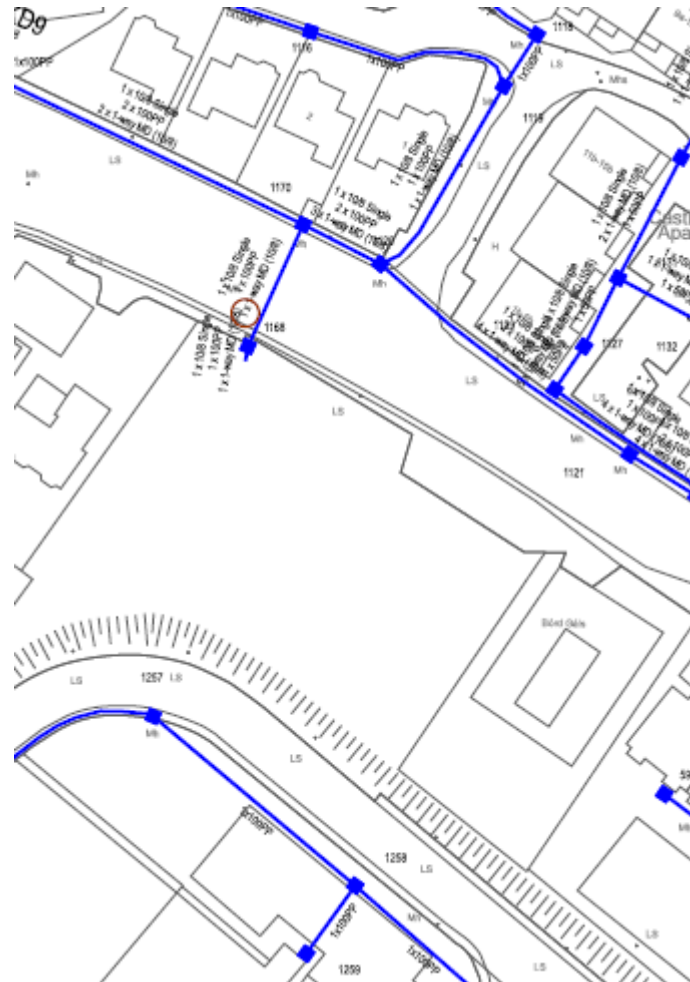


Fig 2 – Existing underground Eir duct network

3.0 ENET SERVICES

The existing ENET infrastructure does not currently run around this development. Ducting infrastructure shall be provide to cater for future ICT Companies.

4.0 GAS SERVICES

The existing GAS infrastructure currently runs on the site boundary. There is no intent to connect to this gas main. The gas main running through the site does not require diverting.

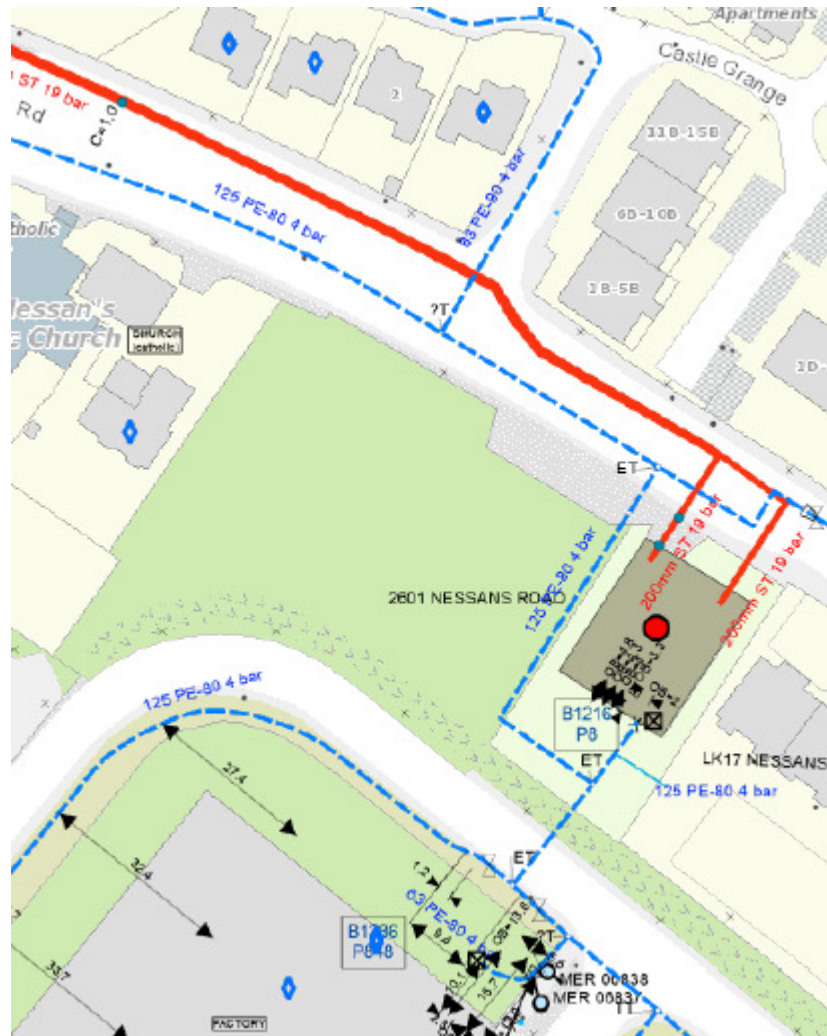


Fig 3 – Existing underground Gas network