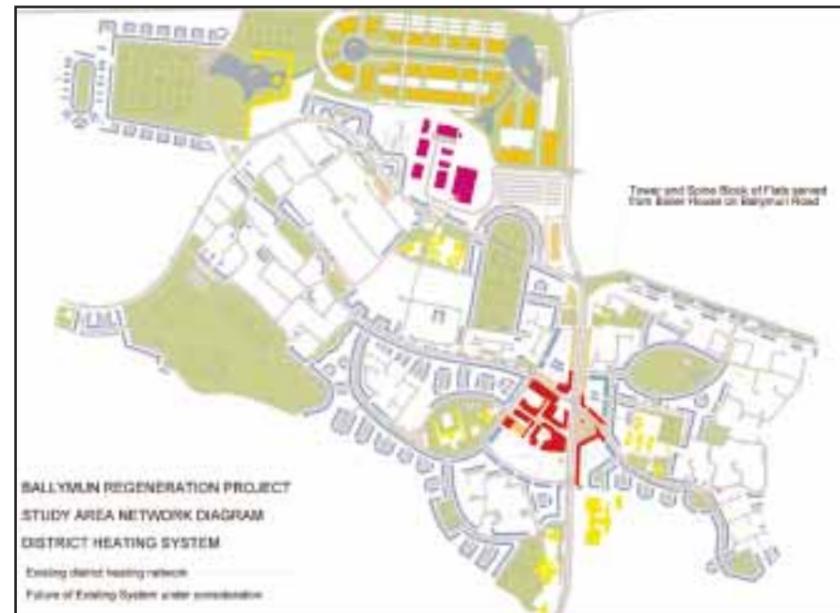
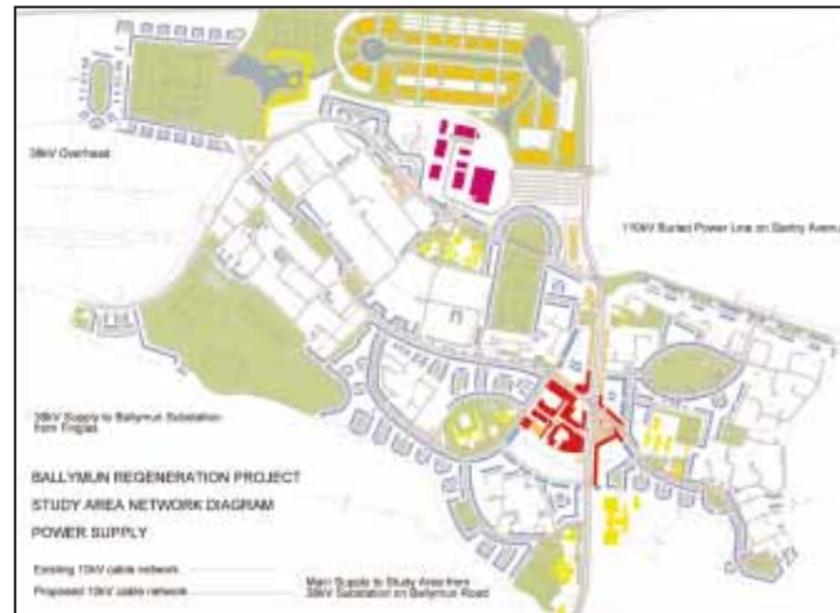


The Masterplan attempts to be a flexible framework. Consultation will be on-going throughout the regeneration process.

This section describes the constraints and the complexities of the services.

# Infrastructure

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**INTRODUCTION**

Infrastructure is defined as 'the basic services and equipment needed for an area to function properly'. The infrastructure requirements of an area such as Ballymun are extensive and involve services such as gas, water, electricity, telephone, drainage, cable television, district heating and a road network. The redevelopment of Ballymun has a significant effect on these services and therefore each element must be appraised and redesigned in association with the service providers. This redesign must ensure that the new Ballymun is well serviced, taking account of existing deficiencies in the system and ensuring that provision is made so that new facilities have adequate spare capacity, to serve all future developments which are planned.

**Ballymun Road Realignment**

It is proposed to carry out major alteration works to Ballymun Road to alter the nature of the road to that of a Main Street. This will involve the realignment of the road, the removal of the existing roundabout and the introduction of traffic lights and cycle lanes. Provision will also be made for the future proposed Luas connection. The realignment works to Ballymun Road will coincide with the laying of a network of services in the road/footpath to serve the greater Ballymun area.



**Proposed Network of Services**

The existing services feeding Ballymun are laid out in such a way as to follow the line of the tower and spine blocks of flats. Therefore, the demolition of these flats and replacement with low rise housing developments requires the provision of a new network of services which must also respect the areas of Ballymun to be retained. The introduction of such networks enables the existing systems to be replaced in some locations where they currently operate inefficiently. Indicated is an example of a portion of the proposed new gas network linked to the existing. There are seven such services.

**Demolition of Existing Flats**

The demolition of the existing tower and spine blocks will be carried out in such a manner as to minimise the risk of any danger to the public. The demolition technique used will involve the dismantling of precast concrete wall panels and breaking out of insitu concrete floors in a piecemeal manner, commencing at roof level and working down through the building. It is not intended to use explosives as part of the demolition process.