

Residential Units within former Cycle Works, Barton

The former bicycle-manufacturing factory is now redundant and whilst it is structurally sound there are many key elements of fabric which need refurbishment or replacement

The brief is to convert the warehouse into affordable residential units to suit. Young parents, retired couples and single people in particular. The existing large open framework is formed using double timber trusses sitting onto the external masonry walls and intermediate steel column supports.

The proposal is to form an first floor with mezzanines at the second floor level. The existing timber trusses are to be adopted to allow the roof space to be opened up. This is achieved by inserting new structural supports along the edge of the balconies. A large central atrium lies between each block of accommodation running approximately north to south. There are 16 ground floor flats and 17 first floor flats with additional mezzanine levels. The atrium is integral to the scheme's day lighting solution. Sunlight is brought into the central core and then distributed into the adjoining flats via a mix of glazed screens and clerestory glazing. A communal social space is provided in the atria through the use of designated seating and planting areas.

The external fabric of the building is restored to its original composition by reinstating the external windows and door openings.

Completion - 2008
Value - £1,500,000

