

## South Central at Steedman Street is the first component of a mixed use regeneration of a large part of Elephant & Castle by Oakmayne Properties.

Two separate ten storey and five storey blocks have been constructed over a single basement structure to provide 113 apartments and ten live/work units.

Each apartment has a full length balcony with hot zinc sprayed and striking red polyester powder coated steel balustrade, contrasting with the glass and aquamarine façade. The unique silhouette of the building is created by angled balconies and stepped roof terraces, some of which are topped with large pointed steel canopies also finished to match the balustrades elsewhere and complete with integral privacy screens below.

On this project Hubbard supplied balustrade to more than 50 balconies and in excess of 400 linear metres of balustrade to numerous terraces, some of which include glass infill panels. Privacy screens were provided to separate adjoining properties.

In addition, Hubbard were responsible for the balustrade and handrail to core stairs. Other metalwork by Hubbard on site also included railings and grilles as well as sundry items such as ladders and cycle storage racks.



Client:	Oakmayne Properties
Architect:	Mountford Pigott
Contractor:	John Sisk & Son Ltd



Originally known as Westway Beacons, Banstead Court consists of five blocks of affordable housing designed and built for low energy consumption. Some apartments are available for key workers; others are set aside for ex-service personnel. Some are specifically designed to meet the needs of disabled residents.

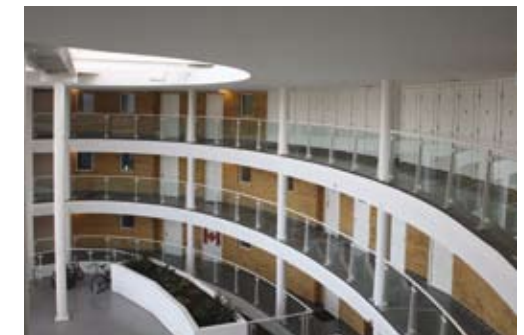
Each of the five blocks is designed to a horseshoe shaped plan with a winter garden to the centre. Access from the ground floor to the first floor is via helical ramps with a gentle rise, four of which were manufactured by Hubbard, one being a concrete construction. The ramps are constructed of mild steel flat stringers holding steel trays filled with concrete. Polyester powder coated mild steel balustrades with glass infill were applied to the ramps and upper walkways.

Hubbard also manufactured and installed polyester powder coated balustrades with perforated infill and wall mounted handrail to ten core staircases, as well as ten glazed canopies with steel support structure.

Upper apartments have balconies or Juliettes manufactured by Hubbard in galvanised steel with glass infill. A total of 50 balconies and ten Juliettes have been supplied, together with privacy screens.

Also externally, Hubbard provided curved steel balustrades with hot dipped galvanised finish to the tops of retaining walls and hot dipped galvanised balustrades to all access ramps and steps.

Client:	Threshold Key Homes
Architect:	Gardner & Stewart
Contractor:	Mansell Construction Ltd





On the North side of the Thames, the massive Imperial Wharf development, covering over ten acres, provides 3500 new homes built in phases over the past five years. Hubbard have been involved in the project from the outset, manufacturing and installing a wide range of metalwork to meet the continuing needs of the Client.

A wide range of building styles have been used to create a village feel with shops, restaurants, apartments and a hotel around tree-lined boulevards.

Hubbard have supplied coated mild steel and stainless steel balustrades with glass infill and stainless steel handrail to the majority of the apartments, together with balustrades for terraces and roof gardens. Some of the later blocks also required steel balconies with decorative steel balustrades.

With balustrades also supplied for internal and external stairs, Hubbard have supplied in excess of 7000 metres of balustrade for the project. Elsewhere in Imperial Wharf, Hubbard have manufactured gates, railings, street furniture, pergolas and grilles to the communal roof gardens and courtyard areas.

A number of bespoke feature staircases were also supplied in the prestigious penthouse apartments.

Meeting the commercial and logistical challenges of supplying and fitting a wide range of metalwork in volume to an extended and busy site over many years is one of Hubbard's major achievements.

<b>Client:</b>	St George, Central London
<b>Architect:</b>	Broadway Malyan Mountford Piggott
<b>Contractor:</b>	St George Central London Bilfinger Berger (UK) Ltd J. Reddington Limited



As part of the Arsenal regeneration project, the Newlon Housing Trust has built 164 apartments in four blocks at 9-17 Hornsey Street to provide key worker accommodation. High quality housing is essential to attract key workers to the area and, as such, was a requirement of this redevelopment which is in close proximity to the new Emirates Stadium for Arsenal Football Club.

The balconies manufactured by Hubbard were of hot dipped galvanised and painted mild steel construction with timber decking and steel balustrade with perforated infill panels. Each balcony also incorporates a moveable timber screen to provide shade.

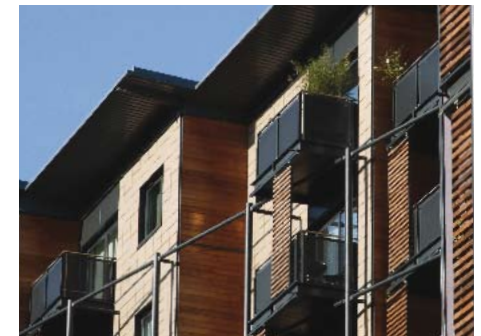
In its earlier design, the external tubular steelwork was intended to be a support to some of the balconies but when the balconies were redesigned to be self supporting through a cantilever from the slab, the external metalwork or filigree structure as it was known was retained as a design feature.

Hubbard also manufactured the steel walkways at the rear of the buildings. These were hot dipped galvanised only but also had a powder coated mild steel balustrade

system incorporating perforated infill panels. Since the walkways were used for access during the building's construction, careful scheduling of production and installation was required to fit the main contractor's programme requirements.

Additional metalwork supplied included powder-coated mild steel balustrade to the core stairs, steel canopies and balustrade with timber screens to the podium overlooking the roadway.

Client:	Newlon Housing Trust
Architect:	Cartwright Pickard
Contractor:	Kier, London



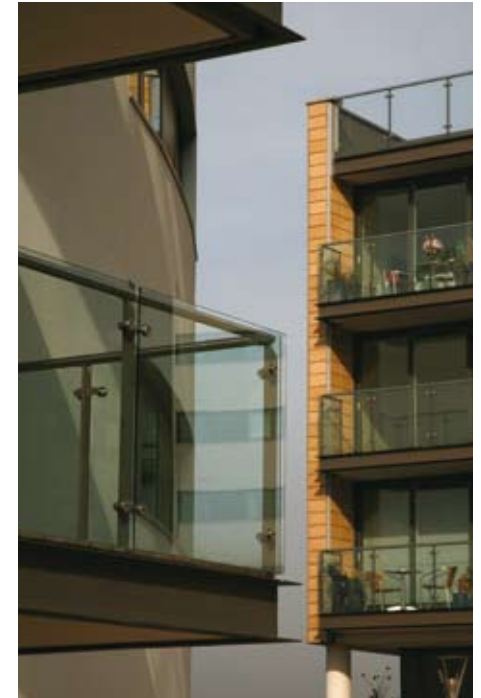
Furlong City is a mixed residential development, part of a £100 million regeneration project involving nine residential blocks with plazas, cafes and restaurants. The focal point of the design is provided by three stunning blocks of apartments and penthouses whose front elevations are shaped like the hulls of ocean liners seemingly moored in the adjacent marina with water lapping at their bows.

Hubbard have designed and manufactured the balconies which make the most of the riverside views from the apartments and increase the desirability of the penthouses. Balconies on the riverside of the blocks project out over the water to add to the experience of living by the marina.

Concrete balconies are cloaked with a pressed steel channel which supports balustrades with glass infill and stainless steel handrail. This design allows rapid and efficient installation of balconies at each phase of construction. A total of 210 balconies have been supplied on the two phases of construction completed up to 2007.

Elsewhere on the site, Hubbard have also supplied privacy screens, bespoke penthouse staircases, balustrades and wall rails to the core stairs and several hundreds of metres of balustrade to the podium edge and riverside.

Client:	Gladedale Developments
Architect:	Jestico Whiles
Contractor:	Laing O'Rourke





## Completed in 2007, The Water Gardens is a mixed housing development consisting of 242 apartments in six blocks of varying height between six and nine stories.

The five blocks for private sale and one for social housing are built around a landscaped and tree-lined water garden/courtyard. Each of the apartments has projecting balconies that provide additional space for relaxation. Balconies to apartments that are located on the outside of the building offer stunning views of the City of London.

The concrete balconies are cloaked with pressed-steel channel which supports an integral mild steel balustrade with glass infill and a stainless steel handrail. This is a well proven Hubbard design similar to

that used on the Furlong City Development which allows architects and developers to secure large volumes of balconies to a high standard with confidence while containing design and manufacturing costs.

In addition to supplying and fitting all balconies and privacy screens, Hubbard also supplied the balustrade and handrail to core stairs and terrace balustrades fixed to concrete upstands. Other metalwork by Hubbard on site included courtyard gates, railing and grilles as well as sundry items such as ladders and cycle storage racks.



Client:	Wimpey Homes
Architect:	Broadway Malyan
Contractor:	Laing O'Rourke

