

Lansdowne Road

Snapshot of Benefits



30 week build programme



Complete structural package provided by Metek



One floor completed every 2-3 weeks



90 minute fire resistance



Full masonry support supplied as standard



Concrete floor with cassette roof - A significant reduction of embodied carbon for the Metek roof element in lieu of a concrete roof



Cost certainty and programme guarantee

Former Hospital site redeveloped to deliver much needed housing in Cardiff. As part of Cardiff Councils ambitious target for 4,000 new homes in the next 8 years.

Metek were appointed by Lovell Partnerships to deliver the light gauge steel frame, concrete floors and roof cassettes for the 62 apartments.

Background

Leading partnerships developer Lovell has been selected as the preferred developer on a design and build scheme on the former Lansdowne Hospital site in Canton, Cardiff.

At a Glance

LOVELL



62 one and two-bedroom
apartments split over three blocks

- Block B will consist of a 4-storey structural frame/HRS with concrete floor & a joisted & OSB3 roof, with a split roof at L3.
- Block E will consist of a 4-storey structural frame/HRS with concrete floor & a joisted & OSB3 roof, with a split roof at L2.
- Block H will consist of a 5-storey structural frame/HRS with concrete floor & a joisted & OSB3 roof, with a split roof at L3.



Success through partnership

Hafod has selected Lovell as their partner to develop 106 new, energy efficient homes off Sanatorium Road, including 44 two, three and four-bedroom houses and 62 one and two-bedroom apartments split over three blocks. 38 of the new homes will be delivered for Cardiff Council as part of its drive to deliver its council-owned development programme, and the remaining properties will be managed by Hafod.

Lovell Partnerships won the building contract due to its reputation for delivering high-quality homes whilst adhering to robust health and safety standards. Construction work is due to commence in October 2022. The £24 million project will form part of Cardiff Council's ambitious housing development programme to deliver 4,000 new homes over the next eight years.

Following previous successful schemes with Lovell Partnerships, Metek have been appointed as the sub-contractor to deliver the 62 apartments and these have been split into 3 blocks (B, E & H).

All the external frames will be pre-boarded off site at Metek's manufacturing facility (Advanced Cold Formed Sections (ACFS) in Wolverhampton), along with the roof cassettes and delivered to site for rapid on-site installation.

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The Lansdowne Road project marks the first opportunity I have had to collaborate with Metek. From the outset, strong working relationships were established, which seamlessly carried through into the construction phase. Adam and his team were exemplary in their on-site management and communication.

Challenges encountered during the project were addressed collaboratively, with effective communication between the teams contributing significantly to the successful completion of the programme.

I look forward to future opportunities to work with Metek and to further developing the positive relationships that have already been established.

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Paul Phillips, Build Manager, Lovell Partnerships

Building upon successful relationships

Metek had already completed a successful project for Lovell Partnerships in Hatfield, Hertfordshire so were able to build upon this by securing the Cardiff project with another region.

There are many reasons why Main Contractors work with Metek and their innovative light gauge steel frame system.

Close collaboration | Early design input | Open & Honest dialogue



Application Benefits

- ✓ Rapid speed of construction for this 3 block residential project of circa 5,800m² GIFA
- ✓ Safety first approach – balcony frames boarded prior to final decking and balustrade installation
- ✓ A full structural solution with in-house HRS by design, and precast stair installation



Get in Touch

Telephone: 01453 794 800

Email: estimating@metek.co.uk

Metek plc
Unit 602,
Stonehouse Business Park,
Sperry Way, Stonehouse,
Gloucestershire
GL10 3UT



www.metek.co.uk