



EXCEL SIPS SYSTEM FINDS ITS HOME IN LONDON MEWS DEVELOPMENT

Two mews style residential properties that form an integral part of an overall design scheme created for the re-development of a brownfield site in Hampton, Richmond upon Thames, have been constructed using a sustainable off-site building system supplied by Bedfordshire-based MMC specialists, Excel Structures.

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KEY FACTS

- > Architectural Design – Traditional Mews Style.
- > System Solution Supplied – SIPS (Structural Insulated Panels) superstructure.
- > Architects – Aros Architects, London.
- > Main Contractors – Fox Construction Group, Redditch.



Situated on the site of existing industrial buildings that were demolished, the mews style houses feature a superstructure constructed using a SIPS (Structural Insulated Panels) system that delivers a low carbon, highly energy efficient building fabric, together with inherent air tightness.

With the overall Moorshead Yard Lodge scheme being a fusion of a three storey building with ground floor commercial units and one and two-bed apartments above, the SIPS constructed mews houses occupy their own location behind the main site superstructure.

Mirroring the external appearance across the development, the two storey mews dwellings feature buff brickwork that is sympathetic with the local vernacular, whereas the traditional design of the properties provide occupants with a modern twist by offering access to a roof garden that provides views across the neighbourhood. Serving to enhance the excellent energy efficiency performance aligned to the use of the Excel Structures' SIPS system is the specification of triple glazed window and door furniture that harmonise with the adopted architectural style.

Designed by London-based Aros Architects, the overall scheme has been delivered as a design and build project coordinated by Redditch-based Fox Construction Group on behalf of developer, Sunny Day Trading.

Commenting on the scheme, Fox Construction Group's Managing Director, Mark Kite said:

“ This development is testimony to how effectively a former industrial brownfield site can be transformed into a highly desirable and sustainable location that will be instrumental in making a positive contribution to character and appearance of this area of Hampton in the future.”

Specifically in relation to the decision to deploy a SIPS MMC system as part of the scheme, Mark added:

“ The confines of the site, together with the 28-week build timeline allocated for the project, made the decision to use a prefabricated system such as SIPS an obvious one. We elected to work with Excel Structures based on their established credentials and expertise in delivering sustainable, off-site building solutions. Not surprisingly, they didn't fail to live up to their reputation and we shall be looking to partner with them on future projects where off-site systems are the order of the day.”



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