

STUDY TOUR: PREFABRICATION IN THE DESIGN AND CONSTRUCTION INDUSTRY

6th July 2017

Off-site construction is increasingly challenging traditional practices in the design and construction industry. From modular systems, to more flexible prefabricated frames, there are a wide range of applications that have been used to create some of the most successful buildings of recent years. This tour will visit award winning schemes based in South East London, with input from designers and developers involved, to explore how such schemes could be relevant to future development in Kent.

We will begin at the TNG Youth and Community Centre, guided by project architect Dieter Kleiner, RCKa Architects. We will then move on the Ladywell temporary housing scheme with a tour from architects Roger Stirk Harbour & Partners. In the afternoon we will visit the new Kidbrooke Village housing development with Berkeley Group, the developers on this project.

AGENDA

9.30: Sydenham Hill Station

Meet directly in front of the ticket barriers

10.00 – 11.00: TNG Youth and Community Centre

Led by Dieter Kleiner from RCKa Architects

11.15-12.15: Ladywell modular housing

Led by Andrew Partridge from Roger Stirk Harbour and Partners Architects

12.30-1.30: Lunch

13.45-15.30: Kidbrooke Village

Led by David Brown from Berkeley Group

15.45-16.00: Deptford Creek

16.30: Return to Sydenham Hill Station

TNG Youth and Community Centre

Designed by RCKa Architects for Lewisham Council, this scheme was designed in close collaboration with the local community. The central vision was the creation of a democratic, welcoming and flexible building that responds to the changing demands of its occupants. The scheme features innovative sustainable construction systems, using a prefabricated solid timber frame and sinusoidal polycarbonate cladding system.



Ladywell prefabricated housing

This scheme was designed by Rogers Stirk Harbour + Partners' partnership with Lewisham Council to create a deployable residential development using a volumetric construction method. The temporary housing development will remain on site for between 1-4 years, providing 24 homes for local people in housing need as well as eight ground floor non-residential units for community and business use.



Kidbrooke Village

Developed by Berkeley Group, Kidbrooke Village is one of London's most significant new housing-led developments. The first units for the company's 5,000-home scheme are being produced in a factory in the Midlands. The structural frame, walls and parts are made and assembled in a factory and then transported as "pods", or modular units, yet the homes still look traditional.

