

How to build more homes

– faster, leaner and to a higher standard

A one day masterclass in meeting the planning, construction and design issues shaping the government agenda for new homes

Masterclass 1: steel solutions

July 10th 2002, Basingstoke

- PPG3 demands higher density, site-specific housing development. Egan calls for fast, lean, standardised construction. How do you square the two?
- How do you deliver homes at higher density and control their build times?
- How do you construct a terrace so you can still build one, sell one?
- How do you deliver key worker housing using prefabrication techniques?
- How do you standardise design for innovative construction techniques?
- What are these schemes like to live in?

Includes a visit to
the UK's largest steel
frame housing development
Hear from the experts and
then see at first hand
solutions in action



DESIGN
FOR HOMES

www.designforhomes.org

BRE

How to build more homes

– faster, leaner and to higher standards

A one day conference and site visit

July 10th 2002, Aldermaster Hotel, Basingstoke, Hampshire, 9.30am-4.00pm

This one day conference will focus on the challenges facing developers of new homes. How can we build higher density, site-specific developments and meet the lean construction agenda which calls for standardisation? How do you use improved construction techniques to manage build times so that each home does not take twice as long to hand over? How should we use prefabrication? What will the new homes feel like to live in?

Included in the programme is a visit to Oakridge Central, an urban redevelopment of 294 homes which is the UK's largest scheme to be built in light steel frame. This will be an ideal opportunity to witness at first hand some of the practical constraints and the opportunities of using steel frame construction for new homes construction.

This conference is the first in a series produced by BRE and Design for Homes to provide building professionals, developers, planners and others with the opportunity to share ideas on how to meet the challenge of the new homes agenda. Two further events will cover –

Masonry solutions, Sept 2nd 2002,

To be held in East London, covering whole wall panel systems, large-format aircrete and concrete panels, prefabricated brickfaced structural walls, glued brickwork

Timber solutions, Sept 24th 2002

To be held near Oxford, covering semi-volumetric and flat-packed homes, timber construction to four storeys and more, including a visit to Stewart Milne at Witney, UK's most-up-to-date timber-frame plant

To book for all three events, see special offer details on the booking form overleaf.

Programme

Morning

9.30 am

Registration

10.00 am

Chairman's introduction - Michael Martin

Michael Martin is head of BRE's Construction Consultancy. His steel experience includes running Crest Construction Management where he built the UK's largest market sale terrace in steel for Crest Homes at Portishead.

10.05 am

No skills, no innovation

Professor Linda Clarke and Dr Georg Herrmann of Westminster University on the preliminary findings of their EPSRC-funded research into the skills in UK housebuilding compared with northern Europe where innovation thrives.

10.30 am

New developments in lightweight steel-frame and modular steel

Dr Mark Lawson, Steel Construction Institute on the UK's latest initiatives.

10.50 am

Designing homes in lightweight steel frame: overcoming barriers to change

Jim Baker, Managing Director of Forge Llewellyn on working in steel from CAD to construction.

11.15 am

Oakridge Central - the architect's story

Amanda Taylor, HTA Project Architect for the Housing Design Awards shortlisted Oakridge Central development.

11.35 am

Oakridge Central - the client's story

Chris Francis, Development Manager, Oakfern HA and Sentinel Housing Group.

Afternoon

12.00 pm

Site visit and lunch

Rotating site visits and lunch break

2.00 pm

Steel and the medium-rise urban block

Jillian Jones, Project Architect for Feilden Clegg Bradley, on the Housing Design Award-winning Beaufort House, Hammersmith, a high density development of 65 houses, flats and maisonettes for Peabody Trust. The scheme, which has a mix of accommodation ranging from two to six storeys, uses a hybrid construction of hot rolled steel, lightweight frame and modular bathroom pods.

2.25 pm

The client's story

Cy Powell, Peabody Trust, Senior Development Manager and Jacquie Agyemang-Johnson, Project Manager for Beaufort House

2.50 pm

Modular steel key worker schemes

Peter Cartwright of Cartwright Pickard, architects of the Housing Design Award winning Murray Grove. Cartwright Pickard have also designed the only other modular steel new home development completed to date, Poplar Tree Gardens. The presentation will include a look at their research on steel construction with Nottingham University and work in progress on groundbreaking key worker modular projects.

3.30 pm

Questions and answers

4.00 pm

Conference close

