

# THEATRE MAP...



-  BUILD IT THEATRE
-  SOVEREIGN THEATRE
-  PROFESSIONAL SERVICES & EXPERT ZONE
-  RENOVATION HOUSE TOUR START
-  NEW BUILD TOUR START
-  WINDOWS & DOORS LIVE DEMO AREAS
-  AC ARCHITECTS VIRTUAL REALITY DEMO
-  BRADFORD'S BUILDING SUPPLIES

# SHOW HIGHLIGHTS...

## GUIDED TOURS

Book for our **FREE** educational guided tours, choose from our 'New Build Journey' and 'Renovation House'.

**Places are limited and allocated on a first come first served basis. Book at the Booking Desk in the Piazza.**

## NEW BUILD TOURS

**10:30, 11:30 & 12:30** (Fri & Sat)

## RENOVATION TOURS

**11:00, 12:00 & 13:00** (Fri & Sat)

*Our tours are run by NSBRC Experts: Neil Davey, Marcus Moulson, Mario Pereira & David Hilton.*

## QUESTION TIME:

### 'BATTLE OF THE BUILDING SYSTEMS'

**Friday: 13:00-14:00**

Timber Frame or Brick & Block? Traditional Oak or Concrete Blocks? Build on site or in a factory? Find out everything you need to know about the various self build building systems with our panel of experts. **Hosted by Team NSBRC's Harvey Fremlin.**

## FINDING LAND SURGERY – IN THE POTTON HOUSE

**10:00 & 12:00 Both Days**

The NSBRC Guide to Finding Land & Appraising a Plot is an extensive, in-depth and informative one-day course, which delves deep into the challenging world of plot hunting. In this free taster session, experts from Potton share their expert advice and knowledge, and explain why plots are hard to find, how to get started and share some top tips.

## HEATING SURGERY – IN THE DALE HOUSE

**11:00 & 14:00 Both Days**

NSBRC Expert and Course presenter David Hilton, brings together half a dozen expert suppliers in this informal surgery. Covering Underfloor Heating, Air Source and Ground Source Heat Pumps, Solar, Mechanical Ventilation & Heat Recovery and Infrared, each representative will deliver a short second elevator pitch for their chosen system and then, led by David, will answer your questions.

The home of  
Self Build  
Custom Build  
& Renovation

  
National Self Build & Renovation Centre

# THEATRE TIMETABLE...

FRIDAY 15<sup>th</sup> OCTOBER

TIME	PRESENTER	TITLE	SYNOPSIS
10:00 - 10:45	NSBRC Expert David Hilton	NSBRC Guide to Renovation Projects - Course Taster Session	NSBRC Technical Expert, David Hilton, delivers our popular Renovation Course. David is an authority in sustainable building & energy efficiency and in this free taster session, he will cover some of the typical problems faced when tackling older properties.
10:00 - 10:30	Euroclad Group (VIEO)	The modern alternative to traditional metal roof and walls	Vieo is a standing seam metal roof and wall system for a sophisticated and highly aesthetic design that works on a range of building. Vieo systems comprise of an interlocking steel or aluminum sheet that can be used as part of roof, wall or a rainscreen facade construction. Vieo provides a cost-effective solution against traditional materials like zinc and lead and is a manufactured sheet product, which is more effective and less onerous to install than traditional materials.
10:00 - 10:30	Potton	Finding Land Surgery	The NSBRC Guide to Finding Land & Appraising a Plot is an extensive, in-depth and informative one-day course, which delves deep into the challenging world of plot hunting. In this free taster session, experts from Potton share their expert advice and knowledge, and explain why plots are hard to find, how to get started and share some top tips.
10:30 - 11:00	Nu-Heat	Heat pumps and Underfloor Heating	How to make your own home renewable and ensure there is efficient heating throughout.
10:30 - 11:00	AC Architects	Virtual Reality Demo with AC Architects	Come to stand 55 to experience the latest VR systems and software. Walk around and fully appreciate the external design and internal spaces of a virtual house in unbelievable 4K clarity!
11:00 - 11:30	Frame Technologies	Taking Control with Timber Technology	Frame Technologies design, manufacture and install bespoke structural timber systems for self-builders who are looking to create outstanding, energy-efficient homes. Providing a fully-flexible range of services, including full supply and erect or supply own packages, and engineered timber products and roof systems, its services span across self-build timber frame, timber technology, energy efficiency, technical processes and technical support.
11:00 - 11:45	BuildStore	Funding your Homebuilding Plans	The most successful homebuilding plans are those that have been planned well from the start and this means knowing your budget and understanding your borrowing options early on. BuildStore is the UK's leading expert in homebuilding finance with access to a range of borrowing solutions, including exclusive mortgages.
11:00 - 11:45	NSBRC Expert David Hilton & Friends	Heating Surgery	NSBRC Expert and Course presenter David Hilton, brings together half a dozen expert suppliers in this informal surgery. Covering Underfloor Heating, Air Source and Ground Source Heat Pumps, Solar, Mechanical Ventilation & Heat Recovery and Infrared, each representative will deliver a short second elevator pitch for their chosen system and then, led by David, will answer your questions.
11:30 - 12:00	Bradford's	Sustainable Building – The Whole Story	Bradford's in partnership with Renewable Energy Solutions will uncover the importance of understanding the entire supply chain when considering and making decisions about what materials, methods and products to use in your build. Bringing insight from Bradford's visibility of the entire supply chain, and renewables expertise from RES, we'll help you to look at building sustainability from source to fit.
11:30 - 12:00	Ultraline	Ultraline (Doors and Windows)	This demonstration will be a look into the visual and installation features, functional benefits and thermal performance of Ultraline Sliding Doors and how they differ from their competitors.
12:00 - 12:30	Potton	Finding Land Surgery	The NSBRC Guide to Finding Land & Appraising a Plot is an extensive, in-depth and informative one-day course, which delves deep into the challenging world of plot hunting. In this free taster session, experts from Potton share their expert advice and knowledge, and explain why plots are hard to find, how to get started and share some top tips.
12:00 - 12:30	Total Home Environment	Heat Pump Ventilation: fresh air, heat recovery, heating, cooling & hot water, all in one energy efficient system!	Do you need the bother of organizing a formal heating system, or could the HPV Series be for you? Everything you need to know about what it is, when it's suitable and how to prepare to have it installed in your home.
12:00 - 12:45	NaCSBA	Help to Build	Learn more about the brand new Help to Build Equity Scheme and what the future holds for self-builders from our friends at the National Custom and self-Build Association.
12:30 - 13:00	Bradford's	Bradford's Building Supplies	Discover the huge range of products and services we offer, in this entertaining demonstration, to help you achieve a successful, sustainable self-build project.
13:00 - 13:30	Ultraline	8 things to consider when selecting sliding doors for your project	Our guide to selecting the right sliding door system for your project having completed over 5000 sliding door installations throughout the UK.
13:00 - 13:45	Q & A	BATTLE OF THE BUILDING SYSTEMS	Timber Frame or Brick & Block? Traditional Oak or Concrete Blocks? Build on site or in a factory? Find out everything you need to know about the various self-build building systems with our panel of experts. Hosted by Team NSBRC's Harvey Fremlin.
13:30 - 14:00	Grants Blinds	Concealed Blinds for Sliding Doors and Minimal Glazing	In extensions and new build projects you have the unique opportunity to provide space for hidden blinds. This can be for shading, privacy, room darkening, managing glare or for decorative reasons. This presentation will provide you with inspiration and ideas for what is possible when concealed blinds are considered early in a project.
13:30 - 14:00	Velfac	Velfac (Doors and Windows)	An Introduction into VELFAC composite windows that bring together the best of both worlds; the durability and versatility of aluminium and the beauty and warmth of natural wood.
14:00 - 14:30	MJH Architects	"Self-building vs Extending: The Good, The Bad and The Ugly!"	Short presentation comparing and contrasting the pluses and pitfalls of the different routes of self-building and extending. Unsure which road to go down? This presentation is for you.
14:00 - 14:30	AC Architects	Virtual Reality Demo with AC Architects	Come to stand 55 to experience the latest VR systems and software. Walk around and fully appreciate the external design and internal spaces of a virtual house in unbelievable 4K clarity!
14:00 - 14:45	Mark Doodles Planning	Town planning for Self-Builders	Mark will use his 20 years' experience to give attendees insight into the planning process, your options and some pitfalls to avoid ending the presentation with a question and answer session.
14:00 - 14:45	NSBRC Expert David Hilton & Friends	Heating Surgery	NSBRC Expert and Course presenter David Hilton, brings together half a dozen expert suppliers in this informal surgery. Covering Underfloor Heating, Air Source and Ground Source Heat Pumps, Solar, Mechanical Ventilation & Heat Recovery and Infrared, each representative will deliver a short second elevator pitch for their chosen system and then, led by David, will answer your questions.
14:30 - 15:00	Helical Systems	The GroundScrew Screw Pile Foundations for New Build and Underpinning	Delving into how Groundscrew Screw Pile Foundations are more beneficial, eco-friendly and cost effective for your home with Helical Systems.
15:00 - 15:30	Jackon	Thermomur Insulated Concrete Formwork	The use of insulated Concrete Formwork in the design and construction of low energy homes. Benefits, design considerations and process.
15:00 - 15:45	Allan Corfield	The Integrated Design Team	Allan Corfield Architects discusses how to select your design team and when to engage them. An integrated design team is the first step to an efficient and streamlined project - from initial design through completed build!

 Build It Theatre  Sovereign Theatre

 Finding Land  Heating Surgery  Exhibitor Stand Demos

**SATURDAY 16<sup>th</sup> OCTOBER**

TIME	PRESENTER	TITLE	SYNOPSIS
10:00 - 10:45	NSBRC Expert David Hilton	NSBRC Guide to Renovation Projects - Course Taster Session	NSBRC Technical Expert, David Hilton, delivers our popular Renovation Course. David is an authority in sustainable building & energy efficiency and in this free taster session, he will cover some of the typical problems faced when tackling older properties.
10:00 - 10:30	Potton	Finding Land Surgery	The NSBRC Guide to Finding Land & Appraising a Plot is an extensive, in-depth and informative one-day course, which delves deep into the challenging world of plot hunting. In this free taster session, experts from Potton share their expert advice and knowledge, and explain why plots are hard to find, how to get started and some top tips to finding your own building plot.
10:00 - 10:30	Velfac	How to choose the right windows for your house	An overview of the different frame material options available for windows and doors, and looking into some of the issues to consider when specifying energy efficient windows.
10:30 - 11:00	AC Architects	Virtual Reality Demo with AC Architects	Come to stand 55 to experience the latest VR systems and software. Walk around and fully appreciate the external design and internal spaces of a virtual house in unbelievable 4K clarity!
10:30 - 11:00	Fleming Homes	Timber Frame Design & Build	An overview of the benefits of timber frame as a build system and working with an offsite timber frame package provider to realise your project.
11:00 - 11:30	YAM Studios	The role of an interior designer on a self build project	Principal interior designer at YAM Studios, Kashi Shikunova, explains how an interior designer fits into the professional team on a self build project and what aspects their service can cover.
11:00 - 11:45	BuildStore	Funding your Homebuilding Plans	The most successful homebuilding plans are those that have been planned well from the start and this means knowing your budget and understanding your borrowing options early on. BuildStore is the UK's leading expert in homebuilding finance with access to a range of borrowing solutions, including exclusive mortgages.
11:00 - 11:45	NSBRC Expert David Hilton & Friends	Heating Surgery	NSBRC Expert and Course presenter David Hilton, brings together half a dozen expert suppliers in this informal surgery. Covering Underfloor Heating, Air Source and Ground Source Heat Pumps, Solar, Mechanical Ventilation & Heat Recovery and Infrared, each representative will deliver a short second elevator pitch for their chosen system and then, led by David, will answer your questions.
11:30 - 12:00	Bradforfs	Sustainable Building – The Whole Story	Bradforfs in partnership with Renewable Energy Solutions will uncover the importance of understanding the entire supply chain when considering and making decisions about what materials, methods and products to use in your build. Bringing insight from Bradforfs visibility of the entire supply chain, and renewables expertise from RES, we'll help you to look at building sustainability from source to fit.
11:30 - 12:00	Ultraline	Ultraline (Doors and Windows)	This demonstration will be a look into the visual and installation features, functional benefits and thermal performance of Ultraline Sliding Doors and how they differ from their competitors.
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12:00 - 12:30	Eco Energy Environment Limited	Getting the Most from your Solar PV investment	Discussing how to get the most from your Solar PV investment, looking at Design, Storage and EV Charging.
12:00 - 12:45	NaCSBA	Help to Build	Learn more about the brand new Help to Build Equity Scheme and what the future holds for self builders from our friends at the National Custom and self Build Association.
12:30 - 13:00	Bradforfs	Bradforfs Building Supplies	Discover the huge range of products and services we offer, in this entertaining demonstration, to help you achieve a successful, sustainable self build project.
13:00 - 13:30	Ultraline	8 things to consider when selecting sliding doors for your project	Our guide to selecting the right sliding door system for your project having completed over 5000 sliding door installations throughout the UK.
13:00 - 13:45	Q & A	BATTLE OF THE BUILDING SYSTEMS	Timber Frame or Brick & Block? Traditional Oak or Concrete Blocks? Build on site or in a factory? Find out everything you need to know about the various self-build building systems with our panel of experts. Hosted by Team NSBRC's Harvey Fremlin.
13:30 - 14:00	Showersave	Heat pumps cost less to run with Showersave	An independent live study, undertaken by the Centre for Sustainable Technologies at Ulster University, has shown that running costs and effectiveness of heat pumps is greatly improved when a Showersave waste water heat recovery system is installed alongside a heat pump. The presentation will look at results of this study in detail.
13:30 - 14:00	Velfac	Velfac (Doors and Windows)	An Introduction into VELFAC composite windows that bring together the best of both worlds; the durability and versatility of aluminium and the beauty and warmth of natural wood.
14:00 - 14:30	BecoWallform	BecoWallform – The Passive solution to Insulate Britain	Wallform construction is a quick and practical route to achieving high levels of energy efficiency, reducing the carbon footprint and raising standards of home comfort for current and future generations of homeowners. BecoWallform – Building for the Future.
14:00 - 14:30	AC Architects	Virtual Reality Demo with AC Architects	Come to stand 55 to experience the latest VR systems and software. Walk around and fully appreciate the external design and internal spaces of a virtual house in unbelievable 4K clarity!
14:00 - 14:45	Green Planning Studio	Winning planning in areas of constraint	A guide to what planning permissions are possible in the green belt, in the countryside, particularly sensitive landscapes, and heritage settings.
14:00 - 14:45	NSBRC Expert David Hilton & Friends	Heating Surgery	NSBRC Expert and Course presenter David Hilton, brings together half a dozen expert suppliers in this informal surgery. Covering Underfloor Heating, Air Source and Ground Source Heat Pumps, Solar, Mechanical Ventilation & Heat Recovery and Infrared, each representative will deliver a short second elevator pitch for their chosen system and then, led by David, will answer your questions.
14:30 - 15:00	JUWO SmartWall	JUWO Evolved SmartWall – the future for masonry construction	Introducing the SmartWall masonry building system which provides a complete building solution without the need for a cavity, wall ties or additional insulation in order to meet Passivhaus requirements.
15:00 - 15:30	Kensa Heat Pumps	The Time is Now: Why Choose Renewable Heating?	The shift to renewable heating will happen sooner or later; fossil fuel heating systems such as gas boilers will not be an option for new-build homes from 2025. With the rewarding Domestic Renewable Heat Incentive (RHI) coming to an end in March 2022, now is the time to invest in ground source heating. Join Kensa as we explain ground source heat pump technology, its long-term benefits, and why low-carbon heating is crucial to cutting emissions.
15:00 - 15:45	RDA	Benefits of Going Green with Passivhaus Home	A fascinating case study of the conversion of an old brick building into a beautifully designed, energy efficient family home – with lots of interesting architectural features.