

Eden Build your Home, Build your Community
Thursday 4 July 2019, Rheged Centre, Penrith
Rod Hughes
Director 2030 Architects Ltd, Penrith



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www.eden.gov.uk

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2030 architects

Formed in 2009 we committed to creating Net Zero carbon buildings developments by a target date of 2030 hence the name. We are now additionally committed to creating regenerative buildings which positively improve our planet

Current Government target for Net Zero Carbon 2050.

**SELF
BUILD,**
a journey
of choice



SITE

brief

Carbon Footprint

budget

site

What is the context of the site?
What design restrictions are there?
What design opportunities are there?



Site: drainage

Is there adequate surface water drainage?
Is there adequate foul drainage?
If not there is potentially no development



Site:access

What are highways access requirements?
Can the contractor access the site?



Site: ground conditions

Find out what the ground is like
investigate foundation design
Understand cost implications



brief

Tell us why are you building? Is it a Dream House, an Investment, or Commercial Development?
What are your priorities? How do you want to live in your new house?
Test your aspirations at an early stage
Is your budget realistic? Is your timescale realistic?
Are you looking for ideas, technical solutions, innovation?

Get this stage right and design solutions follow!



budget

Assess budget from day one and develop cost plan through design

Don't leave detail decisions until the contractor is on site!

Definitely don't change your mind once on site.

Negotiate build price during design process.

Use 3D Cad model to eliminate construction conflicts.

Always have a contingency



Carbon Footprint

Minimise energy demand through Fabric Insulation and Airtightness
Use materials with low embodied energy
Choose a renewable energy source
Consider passive energy design
Use intelligent controls
Enjoy living in life affirming comfort!



2030 architects

Free design guides are
available from our website.
We also offer
Low Cost initial needs and
options appraisal meetings
at project inception.

www.2030architects.co.uk