# LUKE PARMENTER

Architectural designer, Part 2

Penryn, Cornwall | 07811 980278 | lparmenter90@gmail.com
lukeparmenterdesign.uk | linkedin.com/in/luke-parmenter-2a521a81

## PROFILE

Architectural designer (Part 2) with an MArch in Sustainable Architecture from the Centre for Alternative Technology. I design low impact homes and retrofit: straw, timber, lime and earth, fabric first, with energy modelling done early enough to change the design.

I have taken three buildings from RIBA Stage 1 to Stage 4, most recently a full Building Regulations package for a bungalow extension in Cornwall, now built. I came to architecture through industrial design and several years designing and selling kitchens, interiors and furniture, so I draw things that can be made and I am at ease with clients and builders. Based in Penryn, working across Cornwall, remotely, and in the South West and London.

## SKILLS

**Design:** residential new build, extensions and retrofit; interiors, furniture and joinery; planning and Building Regulations drawing packages; hand sketching.

**Sustainability:** natural materials, fabric first, embodied carbon assessment, energy statements. Energy modelling in PHPP, DesignPH, THERM and WUFI (working knowledge).

**Visualisation:** photo-real stills, animation and VR presentations to help clients understand a scheme before it is built.

**Software:** Revit, Rhino, SketchUp, AutoCAD, Vectorworks, Twinmotion, Enscape, Photoshop, Illustrator, QGIS, VELUX Daylight Visualizer. Quick to learn new tools.

**Client and site:** client liaison and sales, procurement against a build programme, coordination with consultants and contractors, design risk schedules under CDM 2015.

## SELECTED PROJECTS

**Aral Farm, St Columb, Cornwall** · Off-grid straw bale house, Social Designs CIC — 2025 to 2026 · Stage 3, in planning

- Design lead from concept to planning: drew the planning set, managed the project and liaised with clients, consultants and suppliers.
- Wrote the Energy Statement against Cornwall Policy SEC1, working with colleagues on the PHPP model; carried out the embodied carbon assessment and specified the off-grid solar, wind and wood heating systems.
- Straw bale and timber on a limecrete slab, with a rammed earth wall of site-won subsoil, designed under Policy AL1 for low impact homes on working land.

**An-Garrek, St Minver, Cornwall** · Bungalow remodel and extension — 2023 to 2025 · Stages 1 to 4, built

- Designed the scheme and drew it in Revit, from planning drawings and 3D views to the Building Regulations package: plans, sections, elevations, 1:10 details, schedules and 32 pages of specification notes.
- Wrote the CDM design hazards schedule and flagged each hazard on the drawings where it applied; coordinated the structural engineer's design into the set.

**Manor Farm Barns, Greywell, Hampshire** · Listed barn conversion, Eon Developments — 2015 to 2017 · Stages 4 to 5

- Based on site for a £2.4m conversion of three listed oak-framed barns into eight homes. Designed, costed and procured the interiors for all eight: kitchens, bathrooms, flooring, staircases, fireplaces and lighting.
- Drew fabrication drawings for two steel, oak and glass staircases and the plot 7 mezzanine fascia. Buying direct from the fabricator kept each staircase to about £2,500.
- Produced kitchen design and order packs with services setting-out, drew lighting and electrical layouts, and gathered subcontractor drawings for the architects to discharge planning and listed building conditions.

**The Rain Bridge, CAT, Machynlleth** · Covered timber footbridge, design and build — 2022 to 2023 · Stages 2 to 5, built

- One of five MArch students who designed and built a replacement footbridge for £1,000, raising the frame in a single build week using Douglas fir felled and milled nearby.
- My beam check showed the donated beams were under strength for the span, which moved the design to trussed frames; worked with an engineer, a master builder, a carpenter and a timber specialist.

**Second Home, Port Gaverne, Cornwall** · MArch thesis — 2022 to 2023

- Reuse of a 19th century headland hotel as a community-owned co-hotel and workspace under a community land trust, with hotel income funding local business space and education.
- Retrofit of the 770 m² building to LETI retrofit targets; DesignPH model reached 55.5 kWh/m²·yr against a target of 50.

## EXPERIENCE

**Social Designs CIC, Cornwall** · Architectural designer — 2021 to present
Community interest company of designers and builders working across the built environment, land use and agriculture, pooling skills on larger jobs. Design lead on Aral Farm.

**Kitchen Culture Interior Studio and freelance** · Designer — Ongoing
Kitchen, bedroom and bathroom design alongside practice, plus freelance CAD, visualisation and technical drawing for trade clients.

**Design Work Studios** · Architectural designer — 2019 to 2021
High-end residential practice working across Berkshire, Surrey and the South East. Led householder projects from survey and brief through to planning, and produced stills, animations and VR presentations to help clients understand each scheme.

**Freelance** · 3D visualisation and animation — 2017 to 2019
Photo-real stills and animations.

**Eon Developments** · Project coordinator and interior designer — 2015 to 2017
Interiors, procurement and site coordination on Manor Farm Barns (see above).

**Harrods, London** · LAGO furniture concession — 2015
Ran the concession, selling and designing LAGO's Italian furniture.

**Kitchen Culture Interior Studio** · Sales designer; draughtsman placement — 2011 to 2015
Draughtsman placement from 2011 to 2013, then sales designer from 2013 to 2015, designing and selling kitchens and interiors.

## EDUCATION

**MArch Sustainable Architecture (Part 2)** · Centre for Alternative Technology — 2021 to 2023

**BA Architecture (Part 1)** · London South Bank University — 2015 to 2018

**BA Industrial Design** · Bournemouth University — 2009 to 2013

Portfolio at lukeparmenterdesign.uk. Sketchbooks available on request. References available on request.