



Bodmin Road



Alleviating the issue of fuel poverty for its occupants through an innovative, modern standard of construction

£10.4M
PASSIVHAUS STANDARD
DEVELOPMENT



Description

- Primrose Park is a picturesque development situated off Bodmin Road in Whiteleigh, Plymouth
- The low-energy Passivhaus site, built by Mi-space, is one of the largest low-energy Passivhaus schemes in the country, alleviating the issue of fuel poverty for its occupants through an innovative, modern standard of construction
- The groundbreaking 72-home scheme is built to Passivhaus design principles – a unique method of construction which reduces energy bills by improving insulation and air-tightness
- The £11.6m development, includes 49 homes for affordable rent and 23 for shared ownership
- The scheme has won numerous awards including CIBSE Building Performance Winner 2019 and Constructing Excellence 'Building of the Year' 2019 regional award

Involvement

- Main contractor technical advisor for Mi-Space
- Provide strategic advice to the client in relation to mechanical and electrical services
- Offer practical construction advice and guidance to the client team
- Main contractor quality control inspectorate to review and comment on specialist contractors completed works
- Verify that the building mechanical and electrical services designs satisfied and included for all the client and end user requirements and that the design complied with Passivhaus standards.

Benefits Delivered

- Throughout the project we were in dialogue with the client to understand their business drivers and site requirements
- Act as client technical advisors, robustly challenging contractor submissions for technical compliance, good practice and best value in order to deliver a scheme to meet client aspirations
- Undertake quality walks with specialist sub-contractors to identify emerging quality issues and enable preventative measures to be implemented
- Identified emerging issues with design and installation and ensured corrective actions were implemented.