



Description

- ◆ A range of 1500 affordable, sustainable homes to suit from first time buyers to retirees with 66% of the site focussing on green open spaces. Wetlands and pastures, formal gardens and parks
- ◆ Essential design to promote well being living including allotments, cycleways, bridle paths, watersports, play areas and an Experience Centre. An active hub of the village will provide a Community Centre, Doctors, Dentist, Local Shop and a 420 place Primary School

Involvement

- ◆ Detailed design of building mechanical and electrical engineering services including full production of detailed design information in REVIT MEP to inform the Building Information Model, thermal model, daylight model and low and zero carbon study
- ◆ LED and low-energy luminaires in all areas
- ◆ Thermal overheating analysis to develop ventilation strategies for multiple house and apartment types

Benefits Delivered

- ◆ Collaborative approach with the design team to overcome difficulties associated with space and service distribution routes resulting in an integrated MEP design with the building Architect and Structure
- ◆ Identified client risk elements which could lead to additional project cost or compensation events and suggested mitigation measures



A beautifully designed energy efficient Cornish Village community providing sustainable living