

# Cox's Quarry design approach.

6 three-storey homes each with a floor area averaging 180m<sup>2</sup>. Featuring inherently adaptability and versatile layouts which can serve multiple functions. With options for open or distinct plan living spaces, and between 3 to 5 bedrooms, allowing the environment to be tailored to occupants' unique lifestyle needs

## Key objectives

- Sustainability: to create an environmentally sustainable community. Facilitating a sustainable lifestyle for future occupants. Use of low embodied carbon materials and Passivhaus significantly lower the carbon footprint of the home
- Community building: fostering a sense of community among residents. The communal garden is a key feature that aims to encourage interaction and a shared sense of space
- Customisation: allowing homeowners the flexibility to make choices that reflect their individual needs and aesthetics
- Quality and longevity: use of high-quality materials, including engineered timber windows and door surrounds, offer a sense of permanence and ensure longevity
- Economic efficiency: through the use of our modular component-based construction system the project achieves balance between high-quality and economic efficiency
- Efficiency and waste reduction: our system enables great efficiency — minimal material waste and shorter time required for on-site construction, mitigating environmental impact and reducing local disruption to community and wildlife

