



### Benefits Delivered

- ◆ Low energy / low carbon homes built to a high standard
- ◆ Self contained mechanical and electrical services with no reliance on centralised landlord plant
- ◆ Relocation of existing substation to maximise the space for parking and landscaping
- ◆ Integrated design using 3D revit for all services.



### Description

- ◆ This project is within an inner city district undergoing major regeneration and has already seen the completion of several prestigious housing developments
- ◆ It utilises a derelict site with the objective to rehabilitate military veterans through a self-build retraining programme in construction skills. The scheme is a partnership between Devon and Cornwall Housing (DCH), the Community Self Build Agency (CSBA) and Plymouth City Council, and was overseen by main contractor Interserve
- ◆ 1150m<sup>2</sup> size building with 24 high quality homes, 12 dedicated to servicemen and women, six to people with learning difficulties and six as general need affordable accommodation
- ◆ Winner of Alternative Property Investment Project of the Year 2018 at Michelmores Property Awards.

### Involvement

- ◆ SDS provided a full design of mechanical and electrical services as well as incoming utilities including relocation the existing substation
- ◆ Part L compliance (SAP) calculations
- ◆ Security and access control
- ◆ Telecoms and TV / satellite design
- ◆ Smoke ventilation design
- ◆ Low and zero carbon (LZC) report.

*A self-build scheme in partnership between Devon and Cornwall Housing (DCH), the community Self Build Agency (CSBA) and Plymouth City Council*