

# California Meadows

Peter Dann delivered both infrastructure and sub-structure engineering design for this award-winning, sustainable housing development in Huntingdon for Longhurst Group. The site comprises 56 homes of which 36 are affordable rent, 10 shared ownership and 10 rent-to-buy.

The construction of the buildings included panellised housing with thermally efficient wall panels which were craned into place, providing an offsite, low-carbon approach using the MMC ECO 200 system from GreenSquareAccord. The site also incorporates ground source heat pumps.

The panels have 200mm of insulation between the inside and external face, giving them a low U value and reducing heating costs for the user. Furthermore, the dwelling will be heated by a ground-source heat pump system which lowers energy bills for residents.

Peter Dann also undertook the design of the highway and drainage infrastructure for the development achieving the necessary Section 104 and Section 38/278 adoption agreements with the Anglian Authority Water and Cambridgeshire County Council Highways respectively.

California Meadows was awarded Social Housing Project of the Year and Timber Frame Project of the Year by the Structural Timber Awards, 2023.

