

## Old Dover Harbour Railway Station

**Project:** Old Dover Harbour Railway Station– Grade 2 Listed

**Client:** Bellway Homes

**Architect:** Clague Architects, Canterbury

**Survey Date:** February 2010

### Survey Brief

Carry out full laser scan survey of the exterior for the clients project team to have access to comprehensive 3D information, for evaluating their proposals, the data is also being utilised for verticality assessment of the structure and extraction of the buildings footprint for internal survey work.

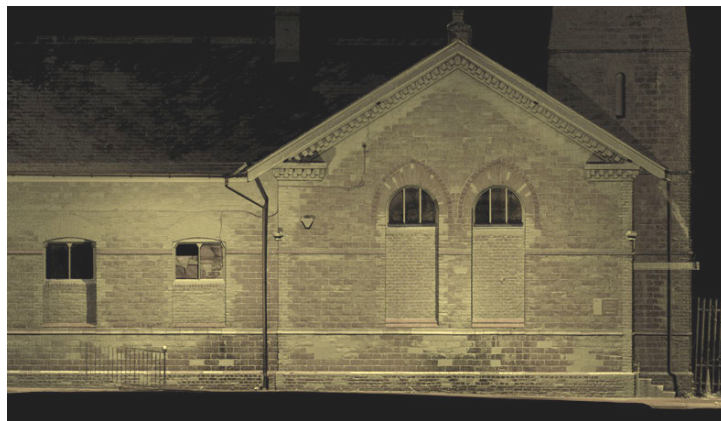
### Survey Methodology



The survey carried out over 2 days captured 1 billion points of data with an interval/spacing of < 5mm. Additionally, part of the building was inaccessible due to the adjacent railway line and had to be surveyed remotely from 30-40 metres.



The aim is to reproduce the information in various accurately scaled formats which fully represent the buildings intricate brickwork and existing condition without the lengthy task of hand drafting or making do with approximately fitted oblique photography.



*Orthographic intensity image.*



*Orthographic colour image.*