

## Appendix B – Design Parameters

### Codes of Practice & Design Guides:

#### Eurocodes:

- EN 1990 Eurocode: Basis of Structural Design
- EN 1991 Eurocode 1: Actions on Structures
- EN 1992 Eurocode 2: Design of Concrete Structures
- EN 1993 Eurocode 3: Design of Steel Structures
- EN 1995 Eurocode 5: Design of Timber Structures
- EN 1996 Eurocode 6: Design of Masonry Structures
- EN 1997 Eurocode 7: Geotechnical design

#### Building Regulations 2000:

- Approved Document A – Structure (2004 edition)
- Approved Document H – Drainage & Waste Disposal (2002 edition)

#### Temporary Works:

- Façade retention works should be designed in accordance with the recommendations set out in CIRIA guide C579 (2003 'Retention of Masonry Facades).
- Demolition Works to be carried out in line with ICE Demolition Protocol 2008.
- The deflection of the retained façade should be limited to  $\text{Span}/750$  under full loading.

#### Design Loadings:

Imposed Loadings (new build areas):		KN/m <sup>2</sup>
— Residential		1.5
— Roof, access / including snow		0.75
— Terrace/ Patios		2.0