

**Appendix A**

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**List of Abbreviations**

**A1 List of Abbreviations**

AIP—Approval in Principle  
 BS—British Standard  
 CAD—Computer Aided Drafting  
 C&S – civil and structural  
 CCMS—Corporate Content Management system  
 CCTV—Closed Circuit Television  
 CDM—Construction (Design & Management)  
 CIS—Customer Information System  
 DDA—Disability Discrimination Act  
 DRA—Designer's Risk Assessment  
 DfT—Department for Transport  
 EACS – Electronic Access Control System  
 EMC - Electro Magnetic Compatibility  
 ER—Employer's Representative  
 ERB – Eastern Range Building  
 FCC- First Capital Connect ( a TOC)  
 FSR – Fire Strategy Report  
 FSW - Footbridge and subway works  
 FAS - Fire Alarm System,  
 GNH - Great Northern Hotel  
 GRIP - Guide to Rail Investment Projects  
 HAZOP – Hazard Operability Studies  
 HAZID – Hazard Identification  
 HSQE - Health, Safety, Quality & Environment  
 IDC – Inter-Discipline Check  
 IP – Ingress Protection  
 ITA - Independent Technical Assessment  
 ITP - Inspection & Test Plan  
 KXRP - King's Cross Station Redevelopment Programme  
 LMR - Lift Motor Room  
 LNE - London North Eastern  
 LPR - Link Plant Room or Network Rail Plant Room  
 LUL – London Underground Limited  
 MEP – Mechanical Electrical and Public Health Services  
 MFTC - Multi Discipline Framework Consultancy  
 MIP – Mobility Impaired Person  
 MTBF – Mean Time Between Failures  
 MTS – Main Train Shed

MTTR – Mean Time to Repair  
 NRPR – Network Rail Plant Room or Link Plant Room  
 NR - Network Rail  
 NRG - Network Records Group  
 NRSP - National Rail Security Programme  
 NTH - Northern Ticket Hall  
 O&M – Operation and Maintenance Manual  
 OBS - On Board Servicing  
 OLE - Overhead Line Equipment  
 PA/VA - Public Address / Voice Alarm  
 PMO - Programme Management Office  
 PPE – Personnel Protective Equipment  
 PV – Photo-voltaic  
 QA – Quality Assurance  
 RAM - Reliability, Availability, Maintainability  
 RIBA - Royal Institute of British Architects  
 RICS - Royal Institution of Chartered Surveyors  
 ROGS - Railway and Other Guided transport Systems  
 SCN - Station Change Notice  
 SCR – Station Control Room  
 SMM7 - Standard Method of Measurement (for Building Works) 7th Edition  
 SOR—Station Operations Room (included in and synonymous with Station Control Room)  
 SSY – Shared Service Yard  
 STS - Suburban Train Shed Buildings  
 TBS - Task Briefing Sheet  
 TOC - Train Operating Company  
 TRANSEC - Transport Security  
 VE - Value Engineering  
 WCC - Western Concourse (Package 6) – synonymous with WCR  
 WCR - Western Concourse (Package 6)  
 WI – Works Information  
 WRB - Western Range Buildings (Package 6)  
 WBS - Work Breakdown Structure  
 WPP - Work Package Plan