

Construction Certificate

This is Part 1 of 2

CONTRACTOR STATEMENT		
Contract Number: C502	Contract Deliverable No: C13.006qa	
Contract Name: Liverpool Street Station (Main Station Works, Fit Out & M&E)	Construction Certificate: C502-LAO-C-CER-C101 WS099-50158 Rev 2.0	
Contractor Name: Laing O'Rourke	Package Listing & Review Statement: see Part 2 of 2 of this document.	

Design Cert:

C138-MMD-O-XST-C101-50004: C502 Liverpool Street Station FDS A - Civil, Structural, Architectural and MEP

Name and location of element of construction: Moorgate - Architectural Works

Precise limits covered by this certificate:

Moorgate - FOH Suspended Ceiling PRM Corridor (CLG-718) - SAS

Moorgate Shaft - Finishes/Fit out - Acoustic Insulation Brackets & Panels - 74.000 - 135.000 Level - SAS

Moorgate Shaft - Sub Structure (Platform -1 to Street -1) & Super Structure (Street to Street +4) - Finishes - Floor Finish & Plinths - Screed

Moorgate Shaft - OSD Level (122.460) Total Access Ballasted Fall Restraint System Type ASE-105 - Total Access UK Ltd - SC9

Moorgate - Street Level +1.5 to Platform Level -1 - Balustrading (Bal-208) - PAD

Moorgate - AM-413 CAT Ladders, AM-412 Ship Ladders, BAL-209 Edge protection, BAL-208 Half Stairs, AM-627 Fencing — PAD

Moorgate - Riser Z/787, Riser Z/789 & Riser Z/794 - PAD

Moorgate - Internals - Riser Z/139 - PAD

MTH - Street & Basement Level - Finishes - Benches & Waterproofing Protection, Stainless Steel Guttering & Flashings – Robert Stevens

Moorgate - Access Hatch - Surespan Supply/PAD Install AHP-140 Floor Access Hatch & AHP-211 Wall Cavity Inspection Hatches - Surespan Supply/Sharpfibre Install

Moorgate - Firestopping - Street Level -1 Steel Protection Spuerlux - Sharpfibre

Moorgate - Firestopping - Platform -1 Durasteel Ceiling - Sharpfibre

MTH - Protection to Existing Steel Work in Basement (Street Level -1) - Corrosion and Fire Protection - Sharpfibre

Moorgate (Street to Street +1.5) - AM-413 CAT Ladder, BAL-209 Handrails and AM-315 Floor Grills - PAD

Moorgate - UKPN Louver Door and Panels at Moorgate Street Level - Sunray

Moorgate - Acoustic Ductwork Cladding - SAS

Moorgate - BOH Suspended Ceiling (CLG-206) - SAS

Moorgate - Stainless Steel Panels (IWS-815, CLG-212) - SAS

Moorgate - PRM Ramp Balustrade & SOR Ramp Handrail - BAL-208 - PAD

Moorgate - PRM Corridor Balustrade- BAL-112 - PAD

Moorgate - Ticket Hall Level - FOH Balustrade Around ES5 - BAL-112 - PAD

Moorgate Shaft - Sub Structure (Platform -1 to Street -1) - AP6 - AP5 Terrazzo Flooring - Vetter

Moorgate Shaft - Kaicer - Works Package 60a - Escalator ES5 - 1st Fix Support Frame, SS Cladding, PPC Cladding & SS Soffit Panels

MTH - Kaicer - Works Package 01a,03a,10a - Ticket Hall South and West elevations, Lift 1 Surround, Steelwork, 1st fix Support, STO Glass Cladding, SS Acoustic Panels, SS Trims.

MTH - Kaicer - Works Package 05a & 06a - SOR Room (Steelwork, 1st Fix Framing, Cladding Panels, Acoustic Panels, Glass Windows & Fireboard)

MTH - Kaicer - Works Package 4a, 4b, 4c - External Facade - 1st Fix Steel Support Frame, Portland Stone Cladding, Blast Enhanced Curtain Wall, STO Glass Cladding, Door & Louvre.

Moorgate – Kaicer - Works package 7a & 7b; SOR Lift Corridor

Moorgate Shaft - Kaicer - Works Package 33a, 34a - Northern Line Link - 1st Fix Support & STO Glass Cladding

Moorgate Shaft - Kaicer - Works Package 13a, 15a - PRM Lift 2 & Lift 7 - 1st Fix Support & STO Glass Cladding

MTH - Kaicer - Works Package 11a - Eastbound SL -1 and LU Platforms - 1st Fix Support, STO Glass Cladding, SS Acoustic Panels & Booth Doors

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Template Number: CRL1-XRL-O4-ZTM-CR001-50029 Rev 2.0

Related Procedure: CRL1-XRL-O4-GPD-CR001-50006



Construction Certificate

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Moorgate - Sub & Superstructure AHP-141 Wall Hatches - Teckentrup

Moorgate - Finishes - Street & Basement Level - DMC

Moorgate - Installation of Matwell to Ticket Hall Entrance - DMC

Moorgate - AP5/AP6 Staircase Signage - Wood & Wood

Moorgate - Ticket Hall & LU Station Signage - Wood & Wood

Moorgate - City of London Plaque - Lateral Design Studio Limited

Moorgate (AP10) - Coopers Fire Curtain

Moorgate - Firestopping - Platform Level L500 Cable Enclosure - Sharpfibre

MTH - Kaicer - Works package 09a - Brackets, SS Column skirting, Sill and Head

Moorgate Shaft - Kaicer - Works package 12a - PRM Corridor (South and Lift 1 Front) - 1st Fix Support & STO Glass

Cladding

Moorgate Shaft - Kaicer - Works Package 65a - PRM Corridor (North) - 1st Fix Support Frame & VE Cladding

Moorgate - Floor & Wall Paint - Cousins

Moorgate - Securiclad - Kaicer

Moorgate - Firestopping - DB Enclosures - Sharpfibre

Moorgate - Firestopping - Durasteel - Sharpfibre

Moorgate - Miscellaneous Metal Work - LBS

Moorgate - Back of House Signage - Links Signs

Moorgate – General Fire stopping - Sharpfibre

Moorgate Shaft - Kaicer - Works Package 30a - 1st Fix Support Steel and Louvres

Moorgate - Installation of Teckentrup Door Sets (Levels: Street -1 to Street +2)

Moorgate - Installation of Teckentrup Door Sets (Levels: Platform -1 to Platform +4)

Moorgate and Blomfield Box Sub Structure - BAL-208 Handrail (PMI-1722 Instruction) - PAD

Moorgate - Door Frames and Doors - Booth Industries

Moorgate - Kaicer - Works package 00a - Trellidor Doors / North Gate DRS-552 External Collapsible Gate

8 Moorfields & 87 Moorgate Building Fit-Out Reinstatement (Hennys)

Moorgate (Street Level -1) – Glass Balustrade (Bal-112) – Robert Stevens

We certify that the named element of construction, within the limits stated above, has been constructed so as to comply with the relevant Works Information and contract specific data. The setting out, materials and workmanship used, including testing, are in compliance with the requirements of the Contract and the certified design as reflected in the marked up drawings referenced on the attached Part 2 of 2 of this document, the Package Listing, and that the element of works are complete subject to the completion of the Works stated on the Consolidated Outstanding Works List as identified in Section 7 of Part 2 of this document. [Strikeout and mark N/A if Not Applicable.]

Records, in addition to those included in the Package Contents Listing for this Construction Certificate, are included within the following Sub-Construction Certificates Packages which, together, comprise the construction records for the element of construction described above.

C502-LAO-C-CER- C101_WS099-50171	C502-LAO-C-CER-C101-50073	C502-LAO-C-CER-C101-50108	C502-LAO-C-CER- C101_WS099-50133
C502-LAO-C-CER-C101-50115	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
	C101_WS099-50095	C101_WS099-50094	C101_WS099-50100
C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
C101_WS099-50127	C101_WS099-50105	C101_WS099-50155	C101_WS099-50178
C502-LAO-C-CER-C101-50112	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
	C101_WS099-50101	C101_WS099-50182	C101_WS099-50125
C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
C101_WS099-50137	C101_WS099-50173	C101_WS099-50109	C101_WS099-50174
C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
C101_WS099-50175	C101_WS099-50120	C101_WS099-50107	C101_WS099-50143
C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
C101_WS099-50146	C101_WS099-50090	C101_WS099-50188	C101_WS099-50140

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Template Number: CRL1-XRL-O4-ZTM-CR001-50029 Rev 2.0



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Nam	Position Project	on behalf of: tt Leader Date	
Signed	7	For and	C101_WS099-50189
C502-LAO-C-CER- C101_WS099-50118	C502-LAO-C-CER- C101_WS099-50187	C502-LAO-C-CER-C101-50274	C502-LAO-C-CER-
C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-G-CER-C101-5020
C101_WS099-50141	C101_WS099-50087	C101_WS099-50186	
C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
C101_WS099-50177	C101_WS099-50160	C101_WS099-50108	C101_WS099-50185
C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
C101_WS099-50092	C101_WS099-50122	C101_WS099-50154	C101_WS099-50176
C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
C101_WS099-50183	C101_WS099-50179	C101_WS099-50148	C101_WS099-50139
C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
C101_WS099-50156	C101_WS099-50181	C101_WS099-50126	C101_WS099-50112
C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-	C502-LAO-C-CER-
C101_WS099-50168	C101_WS099-50167	C101_WS099-50180	C101_WS099-50111

	Supervisor's Statement
competent individual at	[if applicable] of this Construction Certificate have been populated and signed by a and the following Defects have been identified in accordance with the Outstanding Works of 7 of Part 2 of this document. [Strikeout and mark N/A if Net Applicable.]

Project	Manager's Statement
I Confirm acceptance of this Construction Certification Ce	ficate subject to the Outstanding Works List as noted above.
Signed Name	Date. 21/05/21



Contract Deliverable No.: C13.006qa

SUB-CONSTRUCTION No.: C502 LAO C CER C101_WS099 50158 REV 2.0 Part 2 of 2

Name and location of element of construction: Construction Completion Certificate Moorgate Architectural Works

sub construction cer	ificates that remain 'open'. All other documentation is listed within the sub construction certificates.		
	THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS	DO NOT DELETE "NOT APPLICABLE" ITEMS	
1	Document Title REFERENCE DOCUMENTS	Document Number	Revision
	Whole Contract Construction Certificate	C502 LAO C CER C101 50001	1.0
	Construction Certificate Sub Construction Certificates	C502 LAO C CER C101 WS099 50158	2.0
C13.006sa	Moorgate - FOH Suspended Ceiling PRM Corridor (CLG-718) - SAS	C502 LAO C CER C101 WS099 50171	1.0
C13.006gd C13.006hv	Moorgate Shaft - Finishes/Fit out - Acoustic Insulation Brackets & Panels - 74.000 - 135.000 Level - SAS Moorgate Shaft - Sub Structure (Platform -1 to Street -1) & Super Structure (Street to Street +4) - Finishes - Floor Finish & Plinths - Screed	C502 LAO C CER C101 50073 C502 LAO C CER C101 50108	1.0 1.0
C13.006nw	Moorgate Shaft - OSD Level (122.460) Total Access Ballasted Fall Restraint System Type ASE-105 - Total Access UK Ltd - SC9	C502 LAO C CER C101 WS099 50133	1.0
C13.006ik C13.006ji	Moorgate - Street Level +1.5 to Platform Level -1 - Balustrading (Bal-208) - PAD Moorgate - AM-413 CAT Ladders, AM-412 Ship Ladders, BAL-209 Edge protection, BAL-208 Half Stairs, AM-627 Fencing - PAD	C502 LAO C CER C101 50115 C502 LAO C CER C101 WS099 50095	1.0 1.0
C13.006jh	Moorgate - Riser Z/787, Riser Z/789 & Riser Z/794 - PAD	C502 LAO C CER C101 WS099 50094	1.0
C13.006jn C13.006ln	Moorgate - Internals - Riser Z/139 - PAD MTH - Street & Basement Level - Finishes - Benches & Waterproofing Protection Stainless Steel Guttering & Flashings - Robert Stevens	C502 LAO C CER C101 WS099 50100 C502 LAO C CER C101 WS099 50127	1.0 1.0
C13.006ka	Moorgate - Access Hatch - Surespan Supply/PAD Install AHP-140 Floor Access Hatch & AHP-211 Wall Cavity Inspection Hatches - Surespan Supply/Sharpfibre Install	C502 LAO C CER C101 WS099 50105	1.0
C13.006pr	Moorgate - Firestopping - Street Level -1 Steel Protection Spuerlux - Sharpfibre	C502 LAO C CER C101 WS099 50155	1.0
C13.006sh	Moorgate - Firestopping - Platform -1 Durasteel Ceiling - Sharpfibre	C502 LAO C CER C101 WS099 50178	1.0
C13.006hz C13.006jo	MTH - Protection to Existing Steel Work in Basement (Street Level -1) - Corrosion and Fire Protection - Sharpf bre Moorgate (Street to Street +1.5) - AM-413 CAT Ladder, BAL-209 Handrails and AM-315 Floor Grills - PAD	C502 LAO C CER C101 50112 C502 LAO C CER C101 WS099 50101	1.0 1.0
	Moorgate - UKPN Louver Door and Panels at Moorgate Street Level - Sunray	C502 LAO C CER C101 WS099 50182	1.0
C13.006II C13.006oc	Moorgate - Acoustic Ductwork Cladding - SAS Moorgate - BOH Suspended Ce ling (CLG-206) - SAS	C502 LAO C CER C101 WS099 50125 C502 LAO C CER C101 WS099 50137	2.0 1.0
C13.006sc C13.006ke	Moorgate - Stainless Steel Panels (IWS-815, CLG-212) - SAS Moorgate - PRM Ramp Balustrade & SOR Ramp Handrail - BAL-208 - PAD	C502 LAO C CER C101 WS099 50173 C502 LAO C CER C101 WS099 50109	1.0 1.0
C13.006sd	Moorgate - PRM Corridor Balustrade- BAL-112 - PAD	C502 LAO C CER C101 WS099 50174	1.0
C13.006se C13.006lg	Moorgate - Ticket Hall Level - FOH Balustrade Around ES5 - BAL-112 - PAD Moorgate Shaft - Sub Structure (Platform -1 to Street -1) - AP6 - AP5 Terrazzo Flooring - Vetter	C502 LAO C CER C101 WS099 50175 C502 LAO C CER C101 WS099 50120	1.0 1.0
C13.006kc	Moorgate Shaft - Kalicer - Work Package 60a - Escalator ESS - 1 st Fix Deport Frame - SS Cladding PPC Cladding & SS Soffit Panels	C502 LAO C CER C101 WS099 50107	1.0
C13.006ou	MTH - Kaicer - Works Package 01a,03a,10a - Ticket Ha I South and West elevations, Lift 1 Surround, Steelwork, 1st fix Support, STO Glass Cladding, SS Acoustic Panels, SS Trims.	C502 LAO C CER C101 WS099 50143	1.0
C13.006ox	MTH - Kaicer - Works Package 05a & 06a - SOR Room (Steelwork, 1st Fix Framing, Cladding Panels, Acoustic Panels, Glass Windows & Fireboard)	C502 LAO C CER C101 WS099 50146	1.0
C13.006ix	MTH - Kaicer - Works Package 4a, 4b, 4c - External Facade - 1st Fix Steel Support Frame, Portland Stone Cladding, Blast Enhanced Curtain Wall, STO Glass Cladding, Door & Louvre.	C502 LAO C CER C101 WS099 50090	1.0
C13.006	Moorgate - Kaicer - Works package 7a & 7b ; SOR L ft Corridor Moorgate Shaft - Kaicer - Works Package 33a, 34a - Northern Line Link - 1st Fix Support & STO Glass Cladding	C502 LAO C CER C101 WS099 50188	1.0
C13.006or C13.006rp	Moorgate Shaft - Kaiser - Works Package 33a, 34a - Northern Line Link - 18t hx Support & STO Class Cladding Moorgate Shaft - Kaiser - Works Package 13a, 15a - PRM Lift 2 & Lift 7 - 15t fix Support & STO Class Cladding	C502 LAO C CER C101 WS099 50140 C502 LAO C CER C101 WS099 50168	1.0 1.0
C13.006rk C13.006sj	MTH - Kaicer - Works Package 11a - Eastbound SL -1 and LU Platforms - 1st Fix Support STO Glass Cladding SS Acoustic Panels & Booth Doors Moorgate - Sub & Superstructure AHP-141 Wall Hatches - Teckentrup	C502 LAO C CER C101 WS099 50167 C502 LAO C CER C101 WS099 50180	1.0 1.0
C13.006kg	MOOIgate - Sub a Supersiducitie Arier - 141 Wall Fallacines - 1 etxenillup Moorgate - Finshis - Street & Basement Level - DMC	C502 LAO C CER C101 WS099 50110	2.0
C13.006pt C13.006sk	Moorgate - Insta lation of Matwell to Ticket Hall Entrance - DMC Moorgate - AP5/AP6 Staircase Signage - Wood & Wood	C502 LAO C CER C101 WS099 50156 C502 LAO C CER C101 WS099 50181	1.0 2.0
C13.006lm	Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase Station Signage - W God A WOOD Moorgate - 7th June V Staticase - W God A WOOD Moorgate - 7th	C502 LAO C CER C101 WS099 50126	2.0
C13.006kh C13.006ua	Moorgate - City of London Plaque - Lateral Design Studio Limited Moorgate (AP10) - Coopers Fire Curtain	C502 LAO C CER C101 WS099 50112 C502 LAO C CER C101 WS099 50183	1.0 1.0
C13.006si	Moorgate - Firestopping - Platform Level L500 Cable Enclosure - Sharpfibre	C502 LAO C CER C101 WS099 50179	1.0
C13.006oz C13.006oq	MTH - Kaicer - Works package 09a - Brackets SS Column skirting SII and Head Moorgate Shaft - Kaicer - Works package 12a - PRM Corridor (South and L ft 1 Front) - 1st Fix Support & STO Glass Cladding	C502 LAO C CER C101 WS099 50148 C502 LAO C CER C101 WS099 50139	1.0 1.0
C13.006iz	Moorgate Shaft - Kaicer - Works Package 65a - PRM Corridor (North) - 1st Fix Support Frame & VE Cladding	C502 LAO C CER C101 WS099 50092	1.0
C13.006li C13.006pq	Moorgate - Floor & Wall Paint - Cousins Moorgate - Securiclad - Kaicer	C502 LAO C CER C101 WS099 50122 C502 LAO C CER C101 WS099 50154	2.0 1.0
C13.006sf	Moorgate - Firestopping - DB Enclosures - Sharpf bre	C502 LAO C CER C101 WS099 50176	1.0
C13.006sg	Moorgate - Firestopping - Durasteel - Sharpfibre	C502 LAO C CER C101 WS099 50177	1.0
C13.006qn C13.006kd	Moorgate - Misce laneous Metal Work - LBS Moorgate - Back of House Signage - Links Signs	C502 LAO C CER C101 WS099 50160 C502 LAO C CER C101 WS099 50108	1.0 1.0
C13.006uh C13.006os	Moorgate – General Fire stopping - Sharpfibre Moorgate Shaft - Kaicer - Works Package 30a - 1st Fix Support Steel and Louvres	C502 LAO C CER C101 WS099 50185 C502 LAO C CER C101 WS099 50141	1.0 1.0
C13.006io	Moorgate - Sharin - Radico - Wurks - Package 304 - 1 (Levis Stuper 1 to Street 1 to Street 1) Moorgate - Sharin - Radico - Wurks - Package 304 - 1 (Levis Stuper 1 to Street 1 to Street 1) Moorgate - Sharin - Radico - Wurks - Package 304 - 1 (Levis Stuper 1 to Street 1 to Street 1)	C502 LAO C CER C101 WS099 50087	1.0
C13.006vk C13.006ps	Moorgate - Insta lation of Teckentrup Door Sets (Levels Platform -1 to Platform +4) Moorgate and Blomfield Box Sub Structure - BAL-208 Handrail (PMI-1722 Instruction) - PAD	C502 LAO C CER C101 WS099 50186 C502 LAO C CER C101 50202	1.0 1.0
C13.006le	Moorgate - Door Frames and Doors - Booth Industries	C502 LAO C CER C101 WS099 50118	1.0
C13.006vo	Moorgate - Kaicer - Works package 00a – Trelidor Doors / North Gate DRS-552 External Collapsible Gate	C502 LAO C CER C101 WS099 50187	3.0
C13.006uk C13.006	8 Moorfields & 87 Moorgate Bu Iding Fit-Out Reinstatement (Hennys) Moorgate (Street Level -1) – Glass Balustrade (Bal-112) – Robert Stevens	C502 LAO C CER C101 50274 C502 LAO C CER C101 WS099 50189	1.0 1.0
2	ASSURANCE RECORDS SPECIFIC TO THIS PACKAGE		
	Audit Reports Audit Report - Permanent Works Design Management	C502 LAO O4 RGN C101 50003	2.0
	Audit Report - Survey and Setting out, 8, Calibration of Measuring and Test Equipment	C502 LAO O4 RGN C101 WS103 50002	2.0
	Surveillance Reports		
	Surveillance Report – MTH – Insta lation of waterproofing Surveillance report, Stainless Steel Waterproofing Protection Moorgate	C502 LAO O4 RGN C101 WS099 50009 C502 LAO O4 RGN C101 WS099 50033	1.0 1.0
- COLO TOTAL			
	GEN: Quality Surveillance Report for Liverpool Street Station â6" (QS502-35) - Architectural Testing and Assurance GEN: Glazing Compliance Quality Survei lance Report (QS502-33)	C502 PMC 03932 C502 PMC 03632	
	GEN: Kaicer Installation - Qual ty Survei lance Report (QS502-32) - Further to PMC 3472	C502 PMC 03507	
	GEN - Quality Surveillance Report (QS502-26) - C502 Cladding System â€" Fire Review GEN: Quality Surveillance Report (QS502-23) â€" Fire Compartmentation	C502 PMC 03229 C502 PMC 03048	
	Competency Management Plan/Matrix		
C06.003b	Competency management Planmatrix C502 Training, Competency and Induction Procedure	C502 LAO O4 GPD C101 50026	4.0
	Certificates of Competency of Personnel Performing Work Affecting Conformity to Requirements (where specified)	Not Applicable	
	Valid Subcontractor QMS Certification ISO 9001: 2008/2015		
3	Laing O'Rourke Holdings Linited DESIGN RECORDS	C502 LAO O4 CER C101 50009	3.0
	Deliverable Design Records relevant to the Construction Certificate Package required by: Part 13 of the Works Information Volume 2B		
1	Register and Issue Record (RIR) Register & Issue Record (RIR) - C502	C502 LAO C LRG C101 50002	922.0
C08.076.001a	CS02 Liverpool Street RIR	C502 LAO N2 LRG C101 50003	2117.0
C08.004a	CS02 Design Issues Log	C502 LAO Z LLG C101 50001	12.0
	Conceptual Design Statement	Not Applicable	
	Design Certificates		
/ C08.027r	C502 Liverpool Street Station FDS A - Civil, Structural, Architectural and MEP MTH Stage 1 Basement Waterproofing minigate	C138 MMD O XST C101 50004 C502 LAO S LRC C101 WS099 50003	1.0 1.0
/	C502 Liverpool St Station – MTH Stage 1 Basement Waterproofing Mini Gate 3 Pass Certificate	C502 XRL O CER CRG02 50011	1.0 1.0
	Designer CDM Risk Register		
C05.008d	C502 - Liverpool Street Station - CDM Risk Register - MTH, HWE	C502 LAO O3 LRG C101 WS099 50001	3.0



Contract Deliverable No.: C13.006qa

SUB-CONSTRUCTION No.: C502 LAO C CER C101_WS099 50158 REV 2.0 Part 2 of 2

	THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS	DO NOT DELETE "NOT APPLICABLE" ITEMS	
	Document Title	Document Number	Revision
	Geotechnical Design or Technical Reports	Not Applicable	
	Surveys	Not Applicable	
	Detailed Designs	Not Applicable	
/	Design Specifications C138 LSS C502 RIBA E Full Arch tectural Specification	C138 MMD A RSP C101 00010	5.0
C08.057c	C502 Liverool Street Architectural Spec fication Addendum (post NLFD)	C502 LAO A RSP C101 WS103 50001	42.0
	Electronically Re Drawn Operational drawings at Revision C0# Status AB 'As Built' (By Originator) Moorgate, General Arrangement, Site Plan of Street Level +0 (+113.70), CC502	C502 LAO A DDA C101 1 20301	P12
	RIBA F - Moorgate TH - Street Level +0 (+113.700)	C502 LAO A DDA C101 1 20321	C05
	Moorgate, General Arrangement, Plan at Street Level -1 (+107.75), CC502	C502 LAO A DDA C101 2 20302 C502 LAO A DDA C101 3 20303	C06
	Moorgate General Arrangement Plan At Platform Level +4 (+102.395) CC502 Moorgate, General Arrangement, Plan at Platform Level +3 (+97.040), CC502	C502 LAO A DDA C101 3 20303	C06
	Moorgate, General Arrangement, Plan at Platform Level +2 Upper (+92.875), CC502	C502 LAO A DDA C101 5 20305	C06
	Moorgate, General Arrangement, Plan at Platform Level +2 (+91.685), CC502 Moorgate Shaft General Arrangement Plan at Platform Level +2 Lower (+88.305) CC502	C502 LAO A DDA C101 5 20306 C502 LAO A DDA C101 6 20307	C05 C05
	Moorgate, General Arrangement, Plan at Pattorn Level+1 (+83.655), CC502	C502 LAO A DDA C101 7 20308	C05
	Moorgate, General Arrangement, Plan at Platform Level +0 (+78.300), CC502	C502 LAO A DDA C101 8 20309	C06
	Moorgate, General Arrangement, Plan at Street Level +1 (+118.01), CC502 Moorgate, General Arrangement, Plan at Street +1.5, +2, +3, CC502	C502 LAO A DDA C101 A 20300 C502 LAO A DDA C101 Z 20301	C05 P07
	Moorgate, General Arrangement, Moorhouse Proposed Plans, CC502	C502 LAO A DDA C101 Z 20340	C04
	Moorgate, General Arrangement, Section AA Sheet 1 of 9, CC502	C502 LAO A DDB C101 Z 20701	C02
	Moorgate, General Arrangement, Section BB - Sheet 2 of 9, CC502 Moorgate, General Arrangement, Section CC - Sheet 3 of 9, CC502	C502 LAO A DDB C101 Z 20702 C502 LAO A DDB C101 Z 20703	C03
	Moorgate, General Arrangement, Section DD - Sheet 4 of 9, CC502	C502 LAO A DDB C101 Z 20704	P05
	Moorgate, General Arrangement, Section EE - Sheet 5 of 9, CC502 Moorgate, General Arrangement, Section FF - Sheet 6 of 9, CC502	C502 LAO A DDB C101 Z 20705 C502 LAO A DDB C101 Z 20706	C02
	Moorgate, General Arrangement, Section FF - Sheet 7 of 9, CCSU2 Moorgate, General Arrangement, Section GG - Sheet 7 of 9, CCSU2	C502 LAO A DDB C101 Z 20706 C502 LAO A DDB C101 Z 20707	C03 P06
	Moorgate, General Arrangement, Section HH - Sheet 8 of 9, CC502	C502 LAO A DDB C101 Z 20708	P07
	Moorgate, General Arrangement, Section JJ - Sheet 9 of 9, CC502 Moorgate, Blockwork Setting Out, Plan at Ticket Hall Level (+114.20) - Sheet 1 of 2, CC502	C502 LAO A DDB C101 Z 20709 C502 LAO A DDD C101 1 22806	P06 C04
	INVOORGABLE, Blockwork Setting Out, Plan at Ticket Hall Level (+114,200) - Sheet 1 of 2, CC502 Moorgate, Blockwork Setting Out, Plan at Ticket Hall Level (+114,200) - Sheet 1 of 2, CC502	C502 LAO A DDD C101 1 22807	C03
	Moorgate Shaft, Blockwork Setting Out, Plan at Street Level +0 (+113.700) - 4 of 4, CC502	C502 LAO A DDD C101 1 22808	P08
	Moorgate, Blockwork Setting Out, Plan at Street Level -1 (+107.750) - 1 of 6, CC502 Moorgate, Blockwork Setting Out, Plan at Street Level -1 (+107.750) - Sheet 2 of 6, CC502	C502 LAO A DDD C101 2 22809 C502 LAO A DDD C101 2 22810	C05 C04
	Moorgate, Blockwork Setting Out, Plan at Street Level -1 (+107.756) - Sheet 3 of 6, CC502	C502 LAO A DDD C101 2 22811	C03
	Moorgate, Blockwork Setting Out, Plan at Street Level -1 (+107.750) - Sheet 4 of 6, CC502	C502 LAO A DDD C101 2 22812	C04
	Moorgate, Blockwork Setting Out, Plan at Street Level -1 (+107.750) - Sheet 5 of 6, CC502 Moorgate, Blockwork Setting Out, Plan at Street Level -1 (+107.750) - Sheet 6 of 6, CC502	C502 LAO A DDD C101 2 22813 C502 LAO A DDD C101 2 25072	C04 C04
	Moorgate, Staff Accomodation, SWC Details - Street Level -1 (+108.075), CC502	C502 LAO A DDD C101 2 68801	C04
	Moorgate Staff Accommodation SSR Details - Street Level -1 (+108.075) CC502	C502 LAO A DDD C101 2 68802 C502 LAO A DDD C101 2 68805	C04 C04
	Moorgate, Staff Accommodation, SLR Deta Is - Street Level -1 (+108.075), CC502 Moorgate, Staff Accommodation, SLR - M Details - Street Level -1 (+108.075) Sheet 10/2, CC502	C502 LAO A DDD C101 2 68806	C04
	Moorgate, Staff Accommodation, SLR - M Details - Street Level -1 (+108.075) Sheet 2of2, CC502	C502 LAO A DDD C101 2 68807	C04
	Moorgate, Staff Accommodation, SLR - F Details - Street Level -1 (+108.075), CC502 Moorgate, Staff Accommodation, DRR Deta Is - Street Level -1 (+108.000), CC502	C502 LAO A DDD C101 2 68808 C502 LAO A DDD C101 2 68809	C04 C04
	Involgate, Staff Accommodation, SMK 2/332 Details - Street Level - 1 (+107.750), CC502	C502 LAO A DDD C101 2 68810	C03
	Moorgate, Staff Accommodation, SMK 2/331 Details-Street Level -1 (+108.075) Sheet 1of2, CC502	C502 LAO A DDD C101 2 68811	C04
	Moorgate, Staff Accommodation, SMK 2/331 Details-Street Level -1 (+108.075) Sheet 2of2, CC502 Moorgate, Staff Accommodation, SSO Details - Street Level -1 (+107.750), CC502	C502 LAO A DDD C101 2 68812 C502 LAO A DDD C101 2 68815	C04 C03
	Moorgate, Staff Accommodation, WRS Details - Street Level -1 (+107.750), CC502	C502 LAO A DDD C101 2 68816	C03
	Moorgate, Staff Accommodation, ITR Details - Street Level -1 (+107,750), CC502	C502 LAO A DDD C101 2 68817	C04
	Moorgate, Staff Accommodation, CCTV Details - Street Level -1 (+107.750), CC502 Moorgate, Staff Accommodation, CLR Details - Street Level -1 (+108.075), CC502	C502 LAO A DDD C101 2 68818 C502 LAO A DDD C101 2 68820	C03 C04
	Moorgate, Staff Accommodation, CLR II Details - Street Level -1 (+108.075), CC502	C502 LAO A DDD C101 2 68821	C04
	Moorgate Staff Accommodation SWC Details - Street Level -1 (+108.075) Sheet 2 of 2 CC502 Moorgate Staff Accommodation SWC Details - Street Level -1 (+108.075) Sheet 2 of 2 CC502 Moorgate Michael Staff Commodation SWC Details - Street Level -1 (+108.075) Sheet 2 of 2 CC502	C502 LAO A DDD C101 2 68855 C502 LAO A DDD C101 3 22814	C04 C04
	Moorgate, Blockwork Setting Out, Plan at Platform Level +4 (+102.395) - Sheet 1 of 2, CC502 Moorgate, Blockwork Setting Out, Plan at Platform Level +4 (+102.395) - Sheet 2 of 2, CC502	C502 LAO A DDD C101 3 22814	C04
	Moorgate, Blockwork Setting Out, Plan at Platform Level +4.5 (+104.690) - Sheet 1 of 2, CC502	C502 LAO A DDD C101 3 25071	C04
	Moorgate, Blockwork Setting Out, Plan at Platform Level +4.5 - Sheet 2 of 2, CC502 Moorgate, Blockwork Setting Out, Plan at Platform Level +3 (+97.040) 1 of 2, CC502	C502 LAO A DDD C101 3 25073 C502 LAO A DDD C101 4 22816	C03 C04
	INDOGRAMS, DILUXWOIK SERING DUIL, Plain at Platform Level 4-5 (4-97.040) 1 to 2, C.502 Moorgate, Blockwork Setting Out, Plain at Platform Level 4-5 (4-97.040) 5 beet 2 of 2, CC502 Moorgate, Blockwork Setting Out, Plain at Platform Level 4-5 (4-97.040) 5 beet 2 of 2, CC502	C502 LAO A DDD C101 4 22817	C04
	Moorgate, Blockwork Setting Out, Plan at Platform Level +2 Upper (+92.875) - Sheet1 of 2, CC502	C502 LAO A DDD C101 5 22818	C04
	Moorgate, Blockwork Setting Out, Plan at Platform Level +2 Upper (+92.875) Sheet 2 of 2, CC502 Moorgate, Blockwork Setting Out, Plan at Platform Level +2 (+91.685) - Sheet 1 of 2, CC502	C502 LAO A DDD C101 5 22819 C502 LAO A DDD C101 5 22820	C04 C03
	Moorgate Blockwork Setting Out Plan at Platform Level +2 (+91.685) - Sheet 2 of 2 CC502	C502 LAO A DDD C101 5 22821	C03
	Moorgate, Blockwork Setting Out, Plan at Platform Level +2 Lower (+88.305)- Sheet1 of 2, CC502	C502 LAO A DDD C101 6 22822	C04
	Moorgate, Blockwork Setting Out, Plan at Platform Level +2 Lower (+88.305) - Sheet 2 of 2, CC502 Moorgate, Blockwork Setting Out, Plan at Platform Level +1 (+83.655) - Sheet 1 of 2, CC502	C502 LAO A DDD C101 6 22823 C502 LAO A DDD C101 7 22824	C04 C03
	Moorgate, Blockwork Setting Out, Plan at Platform Level +1 (+83.655) - Sheet 2 of 2, CC502	C502 LAO A DDD C101 7 22825	C03
	Moorgate, Blockwork Setting Out, Plan at Platform Level (+78.300) - Sheet 1 of 2, CC502 Moorgate, Blockwork Setting Out, Plan at Platform Level (+78.300) - Sheet 2 of 2, CC502	C502 LAO A DDD C101 8 22826 C502 LAO A DDD C101 8 22827	C04 C04
	Moorgate, Blockwork Setting Out, Plan at Platform Level (+78.300) - Sheet 2 of 2, CC502 Moorgate, Slidt Accommodation, SWC Details - Platform Level +0 (78.300), CC502	C502 LAO A DDD C101 8 22827 C502 LAO A DDD C101 8 68803	C04 C03
	Moorgate, Staff Accommodation, TEP Deta is Platform Level +0 (+78.300), CC502	C502 LAO A DDD C101 8 68814	C04
	Moorgate, Blockwork Setting Out, Platform Level -1 (+74.300) - Sheet 1 of 2, CC502 Moorgate, Blockwork Setting Out, Platform Level -1 (+74.300) - Sheet 3 of 3, CC503	C502 LAO A DDD C101 9 22828 C502 LAO A DDD C101 9 22829	C03
	Moorgate, Blockwork Setting Out, Platform Level -1 (+74.300) - Sheet 2 of 2, CC502 Moorgate, Blockwork Setting Out, Plan at Street Level +1 (+118.010), CC502	C502 LAO A DDD C101 9 22829 C502 LAO A DDD C101 A 22804	C03
	Moorgate, Blockwork Setting Out, Plan at Street Level +1.5 (120.510), CC502	C502 LAO A DDD C101 A 25070	C02
	Moorgate, Blockwork Setting Out, Plan at Street Level +2 and +3 (132.800), CC502 Moorgate, Blockwork Setting Out, Moorhouse Draft Relief, CC502	C502 LAO A DDD C101 C 22805 C502 LAO A DDD C101 Z 22830	C03
	MOOTGRIE, BIOCKWORK SERING UUT, MOOTTOUSE UTRIET KEIRET, CUSUZ Station wide, Fire Plan, Street Level, CCS02	C502 LAO A DDD C101 2 22830 C502 LAO A DDA C101 1 76801	P07



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	THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS	DO NOT DELETE "NOT APPLICABLE" ITEMS	
	Document Title CONSTRUCTION/INSTALLATION RECORDS	Document Number	Revision
4	CONSTRUCTION/INSTALLATION RECORDS Deliverable Construction Records relevant to the Construction Certificate Package required by: Part 13 of the Works Information Volume 2B		
4A	General Construction Records		
	Working Drawings (Issued for Construction C0#)	Not Applicable	-
	Material Proposal Schedule		
C12.019a	material ripposa striedue C502 Civil and Architectural Materials Proposal Schedule	C502 LAO C TSC C101 50003	20.0
	Material Compliance Records/Approvals	Not Applicable	
	refer to individual Sub Construction Certificates		
	Factory Acceptance Test Reports	Not Applicable	
	Inspection & Test Plans refer to individual Sub Construction Certificates	Not Applicable	
	ITP Deliverable Records Packages	Not Applicable	
	refer to individual Sub Construction Certificates		
	Construction Method Statements	Not Applicable	
	refer to indivdual Sub Construction Certificates		
	Short Notice Changes (SNC)	Not Applicable	
	Short Notice Changes (SNC) refer to individual Sub Construction Certificates	Not Applicable	
	Change Request notices (PMIs)	Not Applicable	
	refer to individual Sub Construction Certificates		
	Requests for Information (RFIs)	Not Applicable	
	refer to individual Sub Construction Certificates	, ,	
	Field Change Decuments (FCDs)	Not Applicable	
	Field Change Documents (FCDs) refer to individual Sub Construction Certificates	Not Applicable	
	Non Confomance Reports and Notification of Defects (NCRs)	Not Applicable	
	refer to individual Sub Construction Certificates		
	Technical Reports	Not Applicable	
	Settlement / Damage Reports (Building or Structural) As the beneficial and Misperial Building Deports	Not Applicable	
	Archaeological and Historical Building Reports Surveys (e.g. CCTV Surveys)	Not Applicable Not Applicable	
	Third Party Required Records / Certificates of Acceptance	No. Am. III	
	Highways Agency Local Author ty	Not Applicable Not Applicable	
	Locar Anton y	Not Applicable	
	Electricity	Not Applicable	-
	Water Telecomms	Not Applicable Not Applicable	
	Telecomms DLR	Not Applicable Not Applicable	
	LUL	Not Applicable	
	LO COMPANY CONTRACTOR OF THE C	Not Applicable	
	TfL/RfL NR	Not Applicable Not Applicable	
	Building Controls (CRL or Other)	Not Applicable Not Applicable	
	Revision X0# Red Line Marked up Drawings (incl. Revision X0# identified in section 7 of individual sub construction certificates)	Not Applicable	
	refer to indivdual Sub Construction Certificates		
	Health and Safety File as defined in the Works Information		
C05.003.01a	Health & Safety File - Brief Description of the Works	C502 LAO Z7 XST C101 50001	1.0
4B	Tunnelling Records:		
4D	I lunneling records: Tunneling / TBM ITP Deliverable Records Package	Not Applicable	
	Tunnel Alignment and Wriggle Survey	Not Applicable	
	Ring Grouting Records	Not Applicable	
	Pre cast Concrete Segment Casting Records Pre Cast Concrete Ring Placement Records	Not Applicable Not Applicable	
	Fre Cast Concrete Ring Facement Records Pre Cast Concrete Ring Facement Records Pre Cast Concrete Ring Facement Records	Not Applicable Not Applicable	
	Pre Cast Concrete Ring Repair Records	Not Applicable	
	Invert Bar Reinforcement Records Spheroidal Graphite Iron Segment Casting Records	Not Applicable	
	Spheroidal Graphite Iron Righting Records Spheroidal Graphite Iron Ring Placement Records Spheroidal Graphite Iron Ring Placement Records	Not Applicable Not Applicable	
	Spheroidal Graphite Iron Segment Repair Records	Not Applicable	
4C	Sprayed Concrete Lining (SCL) Records: SCL Construction Management Plan	Not Applicable	
	SCL Key Personnel and Nozzlemen SCL Key Personnel and Nozzlemen	Not Applicable Not Applicable	
	SCL Installation of Instrumentation Records	Not Applicable	
	SCI RESS	Not Applicable	
	SCL Action Plan SCL ITP Deliverable Records Package: Primary Lining	Not Applicable Not Applicable	
	SCL ITP Deliverable Records Package: Filliary Limity SCL ITP Deliverable Records Package: Secondary Lining (including waterproofing) SCL ITP Deliverable Records Package: Secondary Lining (including waterproofing)	Not Applicable Not Applicable	
5	SECTION IS NO LONGER REQUIRED		
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Name and location of element of construction: Construction Completion Certificate Moorgate Architectural Works

Precise limits covered by this package (including temporary works left in place): All packages for the Architectural works on Liverpool Street Moorgate. This certificate only makes reference to Construction level documentation and any items identified in section 7 of the individual sub-construction certificates that remain 'onen'. All other documentation is listed within the sub-construction certificates.

	ed by this package (including temporary works left in place): All packages for the Architectural works on Liverpool Street Moorgate. This certificate only makes reference to rtificates that remain 'open'. All other documentation is listed within the sub construction certificates.	Construction level documentation and any items identified in	section 7 of the individal
	THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS	DO NOT DELETE "NOT APPLICABLE" ITEMS	Berdelan
6	Document Title OPERATION AND MAINTENANCE DELIVERABLE RECORDS	Document Number	Revision
	Deliverable O&M Records relevant to the Construction Certificate Package required by: Part 13 of the Works Information Volume 2B		
	Maintenance Records Plant & Equipment	Not Applicable	
	Operation & Maintenance Manuals O&M Manual - Flood Protection Barriers System at Liverpool Street Station	C502 LAO K2 OMT12 C101 50016	2.0
	O&M Manual - Wall Cladding System and Window System at Liverpool Street Station O&M Manual - Roof System at Liverpool Street Station	C502 LAO K2 OMT12 C101 50007 C502 LAO K2 OMT12 C101 50009	2.0 3.0
	O&M Manual - Roor System at Liverpool Street Station O&M Manual - Safety Protection System at Liverpool Street Station	C502 LAO K2 OMT12 C101 50010	1.0
	O&M Manual - Floor System at Liverpool Street Station	C502 LAO K2 OMT12 C101 50006	2.0
	O&M Manual - Non-Structural Walls at Liverpool Street Station	C502 LAO K2 OMT10 C101 50022	2.0
	O&M Manual - Suspended Cei ing System at Liverpool Street Station O&M Manual - Door System (Arch) at Liverpool Street Station	C502 LAO K2 OMT12 C101 50012 C502 LAO K2 OMT12 C101 50005	1.0 2.0
	Cent manuar - Lour system (w.c.in) a Liver poor street calcular O&M Manual - Access Cantries at Liverpool Street Station	C502 LAO K2 OMT12 C101 50005	1.0
	O&M Manual - Fum ture System at Liverpool Street Station	C502 LAO K2 OMT03 C101 50004	2.0
	O&M Manual - Sanitary Equipment System at Liverpool Street Station	C502 LAO K2 OMT12 C101 50008	1.0
C08.079ar	A&M - C502 Liverpool Street Station Access and Maintenance Report	C502 LAO K2 RGN C101 50001	2.0
	Records of Modifications made to the Completed Infrastructure or Installed Equipment	Not Applicable	
	Records of Failures, Faults and Incidents	Not Applicable	
7	OUTSTANDING DOCUMENTATION & RECORDS		
	Documents or records that have not been submitted or accepted but do not prevent the sign off of the package. Add to Punchworks.		
	Hand over Punchwork / Defects Lists O&M Manual - Flood Protection Barriers System at Liverpool Street Station	C502 LAO K2 OMT12 C101 50016	2.0
	O&M Manual - Wall Cladding System and Window System at Liverpool Street Station	C502 LAO K2 OMT12 C101 50007	2.0
	O&M Manual - Roof System at Liverpool Street Station O&M Manual - Safety Protection System at Liverpool Street Station	C502 LAO K2 OMT12 C101 50009 C502 LAO K2 OMT12 C101 50010	3.0 1.0
	Own Martina - Sarety Protection System at Everpool street station O&M Manual - Floor System at Everpool Street Station	C502 LAO K2 OMT12 C101 50010	2.0
	O&M Manual - Non-Structural Walls at Liverpool Street Station	C502 LAO K2 OMT10 C101 50022	2.0
	O&M Manual - Suspended Cei ing System at Liverpool Street Station O&M Manual - Door System (Arch) at Liverpool Street Station	C502 LAO K2 OMT12 C101 50012 C502 LAO K2 OMT12 C101 50005	1.0 2.0
	O&M Manual - Access Gantries at Liverpool Street Station	C502 LAO K2 OMT12 C101 50001	1.0
	O&M Manual - Furn ture System at Liverpool Street Station O&M Manual - Spatiany Equipment System at Liverpool Street Station	C502 LAO K2 OMT03 C101 50004	2.0
	O&M Manual - Sanitary Equipment System at Liverpool Street Station	C502 LAO K2 OMT12 C101 50008	1.0
C08.079ar	A&M - C502 Liverpool Street Station Access and Maintenance Report	C502 LAO K2 RGN C101 50001	2.0
	Liverpool Street Station - Element Outstanding Works List (EOWL)	C502 XRL C LST C101 50005	7.0
C08.079xy	Arup Fire Verification - Room Status Tracker	C502 LAO E1 LRG C101 50001	1.0
	Moorgate, General Arrangement, Site Plan of Street Level +0 (+113.70), CC502	C502 LAO A DDA C101 1 20301	P12
	Moorgate, General Arrangement, Plan at Street +1.5, +2, +3, CC502	C502 LAO A DDA C101 Z 20301	P07
	Moorgate, General Arrangement, Section DD - Sheet 4 of 9, CC502 Moorgate, General Arrangement, Section GG - Sheet 7 of 9, CC502	C502 LAO A DDB C101 Z 20704 C502 LAO A DDB C101 Z 20707	P05 P06
	Moorgate, General Arrangement, Section HH - Sheet 8 of 9, CC502	C502 LAO A DDB C101 Z 20708	P07
	Moorgate, General Arrangement, Section JJ - Sheet 9 of 9, CC502 Moorgate Shaft, Blockwork Setting Out, Plan at Street Level +0 (+113.700) - 4 of 4, CC502	C502 LAO A DDB C101 Z 20709 C502 LAO A DDD C101 1 22808	P06 P08
	Moorgate Shart, Blockwork Setting Out, Plan at Street Level +0 (+113.7/00) - 4 or 4, CC502 Station wide, Fire Plan, Street Level, CC502	C502 LAO A DDA C101 1 76801	P08 P07
	GEN - Architectural - final inspection of all interfaces and under permanent lighting	C502 PWK 02696	N/A
	I. Connect Occord Arches Wilda Pingangalan Bashina	C502 PWK 02482	N/A
	Liverpool Street Station Wide Firestopping Register	<u>C302 PVvn U2402</u>	N/A
	·		
	O&M Manual to be CODE 1- C502-LAO-C-CER-C101_WS099-50182	C502 PWK 02669	N/A
	Kaicer-11A- CRL Final Inspection Snag Comments	C502 PWK 03379	N/A
	MTH – DMC Tiling – Unpaid Side – 14. Low grout depth – Occurred on 1 occasion	C502 PWK 03261	N/A
	MTH – DMC Tiling – Unpaid Side – 13. Movement joint stops before hatch – Occurred on 2 occasions - Reoccurs along the gate line	C502 NCR 002491	N/A
	Terrazzo Flooring / Tile Shading / Moorgate Ticket Hall	<u>C502 NCR 002459</u>	N/A
	C100/CRL Signage Graphics Audit	C502 PWK 03391	N/A
	Site Wide - Wood & Wood Signage - All Different Types of Signage - Installation proceeded without approved Benchmarks	C502 NCR 002338	N/A
	MTH - CoL Sign adhesive	C502 NCR 002576	N/A
non EOWL	Operations and Maintenance Manual - PFU Description PFU-2-01101 - Fire Suppression System at Liverpool Street Station	C502 LAO K2 OMT03 C101 50008	5.0
O&M	Operations and manifestance mandar 1.1.0 Description 1.1.0.2-0.101.1 inc duppression dystem at Everpoor Greek diation	5302 EAG N2 5M103 5101 30000	5.0
	Moorgate Outstanding BOH paint works - Cousins	C502 PWK 02969	N/A
non EOWL			

ance led - C13.003anq - QA Pack - Moorgate - BOH - Floor and Wall Painting works completed post July 2019

C502 LAO C LRC C101 WS099 50524

1.0



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Name and location of element of construction: Construction Completion Certificate Moorgate Architectural Works

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	THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS Document Title	DO NOT DELETE "NOT APPLICABLE" ITEMS Document Number	Revision
	Moorgate Shaft - Louvers - Kaicer 30a(Colt &Trox) - Access, Maintenance and Replacement	C502 PWK 03271	N/A
	PWK FFO PAD - Final inspection of paintwork for BBX & MSH, ESS1 & ESS2	C502 PWK 03003	N/A
non EOWL O&M	Operations and Maintenance Manual T7 – Manufacturer's Literature PFU-2-03186 - TRELLIDOR TROJAN III EMESC SR3 Moorgate Ticket Ha I North Gate	C502 LAO K2 OMT09 C101 50017	1.0
non EOWL REPORT	C08.079 - Ticket Hall Entrance Gate Operation Review	C502 LAO E RGN C101 50152	1.0
non EOWL REPORT	MTH Trellidor Installation (North and South)	C502 XRL 04 RGN C101 50029	1.0
non EOWL DWG	C08.076 - 87 Moorgate Electrical LV Schematic	C502 LAO E DWG C101 50055	X01
non EOWL CONCESSION	C08.082ar - Concession Request SP0806 Moorgate Ticket Hall Back of House PRM Doors Opening Forces	C502 LAO A QAP C101 WS099 50001	1.0
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-02-239-D02	C502 LAO A DWG C101 50490	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-02-281-D01	C502 LAO A DWG C101 50495	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-02-320-D01	C502 LAO A DWG C101 50499	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-07-80-D01	C502 LAO A DWG C101 50637	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-03-81-D01	C502 LAO A DWG C101 50614	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-03-631-D02	C502 LAO A DWG C101 50610	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-03-788-D01	C502 LAO A DWG C101 50613	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-03-786-D01	C502 LAO A DWG C101 50612	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-04-81-D01	C502 LAO A DWG C101 50624	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-05-662-D01	C502 LAO A DWG C101 50627	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-05-786-D01	C502 LAO A DWG C101 50629	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-06-786-D01	C502 LAO A DWG C101 50633	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-06-788-D01	C502 LAO A DWG C101 50634	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-08-412-D01	C502 LAO A DWG C101 50644	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-08-664-D01	C502 LAO A DWG C101 50648	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-08-711-D02	C502 LAO A DWG C101 50651	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-08-712-D01	C502 LAO A DWG C101 50652	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-08-736-D01	C502 LAO A DWG C101 50654	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-09-236-D01	C502 LAO A DWG C101 50660	X01
non EOWL REDLINE	C08.076 - General Arrangement Door W-09-631-D01	C502 LAO A DWG C101 50856	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-09-785-D02	C502 LAO A DWG C101 50667	X01
non EOWL REDLINE	C08.076 - General Arrangement Detail Door W-09-786-D01	C502 LAO A DWG C101 50668	X01



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Name and location of element of construction: Construction Completion Certificate Moorgate Architectural Works

	recise limits covered by this package (including temporary works left in place): All packages for the Architectural works on Liverpool Street Moorgate. This certificate only makes reference to Construction level documentation and any items identified in section 7 of the individal ub construction certificates that remain 'open'. All other documentation is listed within the sub construction certificates.			
	THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS	DO NOT DELETE "NOT APPLICABLE" ITEMS		
	Document Title SCC 50118 - Arup Fire Site inspection	Document Number <u>C502 PWK 03509</u>	Revision N/A	
	SCC 50118 - Booth Doors Moorgate - outstanding Field View Snags	C502 PWK 03608	N/A	
	Belmont Mild-steel Doors Remedials	C502 PWK 03588	N/A	
	Ommission of easy clean-dust free sockets from Door thresholds	C502 NCR 002561	N/A	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 01 Street Level (+113.700) - 01 Plant Accomodation - LFT IV Door Ref. W-01-139-D01	C502 LAO A DWG C101 WS099 1 50005	X01	
non EOWL REDLINE	C08.076 - C502 MOORGATE 01 STREET LEVEL +113.7 DOOR REF W-01-795-D01	C502 LAO A DWG C101 WS099 50778	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 01 Street Level (+113.700) - 01 Plant Accomodation - TR A I Door Ref W-01-781-D01	C502 LAO A DWG C101 WS099 1 50010	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 01 Street Level (+113.700) - 01 Plant Accomodation - TR B I Door Ref. W-01-782-D01	C502 LAO A DWG C101 WS099 1 50011	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 01 Street Level (+113.700) - 01 Plant Accomodation - MSR Door Ref W-01-786-D01	C502 LAO A DWG C101 WS099 1 50012	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 02 Street Level -1 (+107.75) - 02 LU Staff Accomodation - LCC I Door Ref W-02-131-D01	C502 LAO A DWG C101 WS099 2 50004	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 02 Street Level -1 (+107.75) - 02 LU Staff Accomodation - FER Door Ref. W-02-760-D01	C502 LAO A DWG C101 WS099 2 50016	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 02 Street Level -1 (+107.75) - 02 LU Staff Accommodation - FAN 1-A Door Ref W-02-776-D01	C502 LAO A DWG C101 WS099 2 50017	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 02 Street Level -1 (+107.75) - 02 LU Staff Accomodation - FAN 1-A Door Ref W-02-776-D03	C502 LAO A DWG C101 WS099 2 50018	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 02 Street Level -1 (+107.75) - 02 LU Staff Accomodation - MSC Door Ref W-02-785-D01	C502 LAO A DWG C101 WS099 2 50019	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 03 Platform Level +4 (101.34) - Forced Vent Door Ref W-03-792-D02	C502 LAO A DWG C101 WS099 3 50009	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 04 Platform Level +3 (97.040) - MSR Ref W-04-786-D01	C502 LAO A DWG C101 WS099 4 50005	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 04 Platform Level +3 (97.040) - MSR Ref W-04-788-D01	C502 LAO A DWG C101 WS099 4 50006	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 04 Platform Level +3 (97.040) - Forced Vent Shaft Ref. W-04-792-D01	C502 LAO A DWG C101 WS099 4 50007	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 05 Platform Level +2 Upper (92.875) - MSR Ref W-05-790-D01	C502 LAO A DWG C101 WS099 5 50006	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 07 Platform Level +1 (+83.655) - Forced Vent Ref W-07-792-D02	C502 LAO A DWG C101 WS099 7 50008	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 07 Platform Level +1 (+83.655) - CIR-S Ref. W-07-81-D01	C502 LAO A DWG C101 WS099 7 50009	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 07 Platform Level +1 (+83.655) - CIR-S Ref. W-07-81-D02	C502 LAO A DWG C101 WS099 7 50010	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 08 Platform Level (+78.300) Moorgate Shaft - CIR-PL Ref W-08-239-D01	C502 LAO A DWG C101 WS099 8 50015	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 09 Sub Platform Level (+74.200) - SSR 1 Ref W-09-669-D02	C502 LAO A DWG C101 WS099 9 50003	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 09 Sub Platform Level (+74.200) - Services Transfer Area Ref W-09-785-D01	C502 LAO A DWG C101 WS099 9 50004	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate Location 09 Sub Platform Level (+74.200) - Forced Vent Ref W-09-792-D01	C502 LAO A DWG C101 WS099 9 50005	X01	
non EOWL REDLINE	C08.076 - C502 Moorgate 09 Sub Platform Level (+74.2) Door Ref W-09-798-D01	C502 LAO A DWG C101 9 50021	X01	
	14003_MTH_04a_Outstanding Works identified on Final Inspection	C502 PWK 03630	N/A	
	Kaicer_04a_MTH_External Elevation Final Inspection Snags/Comments	C502 PWK 03631	N/A	
	Kaicer_04a_Scope EWS-911 White Portland Stone Cladding & EWS-560 Stainless Steel Copings	C502 PWK 03633	N/A	
non EOWL REPAIR/CLEANING METHODOLOGY	C13.009ih - C502 - Repair and Cleaning Methodology for Portland Stone Report	C502 LAO O4 RGN C101 50198	1.0	



Contract Deliverable No.: C13.006qa

SUB-CONSTRUCTION No.: C502 LAO C CER C101_WS099 50158 REV 2.0 Part 2 of 2

location of element of construction: Construction Completion Certificate Moorgate Architectural Works

	THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS	DO NOT DELETE "NOT APPLICABLE" ITEMS	
	Document Title	Document Number	Revision
non EOWL O&M	C19.002bi - Operation and Maintenance Manual for Cladding Demountability Sequencing	C502 LAO K2 GML C101 50046	1.0
	MTH - Matwell - Minor Snags	<u>C502 PWK 03647</u>	N/A
	MTH - SL-1 - Floor plate to balustrade base	C502 NCR 002605	N/A
	MTH - Floor Tiling - Minor Snags (SCC Rev 2.0)	C502 PWK 03671	N/A
	MTH - Cleaning of AAR2 Floor/Steps	C <u>502 PWK 03675</u>	N/A
	MTH - Skirting to be installed Westbound Stair fire hoarding location	C502 PWK 03676	N/A
	MTH - Matwell - Minor Snags	C502 PWK 03647	N/A
	MTH - SL-1 - Met Line Platform paving reinstatement below LU fire point	C502 PWK 03678	N/A
	MTH - SL-1 - Met Line Platform replacement of 3 no. small cut paving slabs	C502 PWK 03679	N/A
	MTH - SL-1 - Eastbound Met Line Platform adjustment of paving levels upon removal of fire hoarding	C502 PWK 03680	N/A
	MTH - Lack of approved documentation for LU interface Floor Infill	C502 NCR 002601	N/A
	MTH - SL-1 - Floor plate to balustrade base	C502 NCR 002605	N/A
	MTH - In-situ Skirting	C502 NCR 002612	N/A
	Moorgate Ticket Hall, Level -1, Flooring (LU/CRL interfacing works)	CRL OBS 35073	1.0
	Moorgate Ticket Hall - Flooring Review - Ground and Level -1 Public Areas including Wesbound Stair	CRL OBS 35080	1.0

BELOW: any additional OPEN EOWLS as at 23/04/2021 (as per latet CRL eB data / LOR Master EOWL Tracker)		
Contractor Commenced works without an accepted ITP relevant to works undertaken	C502 NCR 002615	N/A
MTH – Finishes Street Level & PRM Corridor - Benchmark and Quality Records	C502 NCR 002616	N/A
Proof Load testing has not been carried out as required in Architectural Specification	C502 NCR 002623	N/A
Contractor has not followed their Document and Date Control Procedure for the checking of Red Line Drawings.	C502 NCR 002624	N/A
Teckentrup Fixing Calculations	C502 PWK 03039	N/A
Miscellaneous QA Packages update for further works added Locations BTH, MTH, Platforms and Tunnels and BBX	C502 PWK 03222	N/A
SCC-50182_Arup-Fire Outstanding Sample Inspection	C502 PWK 03443	N/A
Kaicer_00A_MTH Overclad Doors_ Booth remedial work/outstanding/snags	C502 PWK 03484	N/A
Doors included in withdrawn concession C502-LAO-A-QAP-C101_WS099-50001 (PRM Door Opening Forces)	<u>C502 PWK 03662</u>	N/A
Moorgate TH - ESS Anti-Fall Fin	C502 PWK 03681	N/A
Kaicer Glass Clad doors Engraved Escutcheons	C502 PWK 03701	N/A
LIS – Overclad doors	CRL OBS 30716	N/A
LIS - Temporary hoarding in ieu of Rivington Doors E-01-793-D01 and W-04-139-D01	CRL OBS 32986	N/A
CEG MEP VAP - LIS - 1 Fire Stopping Register	CRL OBS 34157	N/A



Contract Deliverable No.: C13.006qa

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Name and location of element of construction: Construction Completion Certificate Moorgate Architectural Works

 THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS	DO NOT DELETE "NOT APPLICABLE" ITEMS	
Document Title	Document Number	Revision
CEG MEP VAP - LIS - 4 Temporary Services removal	CRL OBS 34160	N/A
Moorgate Ticket Hall - Trellidor Gate Insta lation (South)	CRL OBS 34817	N/A
Moorgate Ticket Hall - Platform/Platform +1 Levels - Booth Escape Doors	CRL OBS 35094	N/A
LIS - Observations on Architectural drawings	CRL OBS 35154	N/A
The provision and installation of bins in the public areas	CRL OBS 35221	N/A
Liverpool Street station, Construction Certificates	CRL OBS 35266	N/A
Liverpool Street Station Signage Installation Audit	CRL OBS 35305	N/A
Moorgate Ticket Hall - Level -1 - Balustrade and LU Interface Works	CRL OBS 35316	N/A
LIS - Removal of disclaimer from asbuit drawings	CRL OBS 35317	N/A
e arring legacy		



SUB*/CONSTRUCTION CERTIFICATE Part 2 of 2 or PACKAGE LISTING

Contract Deliverable No.: C13,006qa

Name and location of element of construction: Construction Completion Certificate - Moorgate - Architectural Works			
Precise limits covered by this package (including temporary works left in place): All packages for the Architectural works sub-construction certificates that remain 'open'. All other documentation is jated within the sub-construction certificates		nce to Construction level documentation and any items identified i	in section 7 of the individe
THE FOLLOWING DOCUMENTS/RECORDS ARE SPE	ECIFIC TO THESE WORKS	DO NOT DELETE "NOT APPLICABLE" ITEMS	
Document Title		Document Number	Revision
	CONTRACTOR STATEMENT	国基础 多数第二条	· 差
The documents listed in this Package Listing are the Recor I/We certify that the Records and Record Drawings listed above in this Package exist and have been in Contractor employee or sub-contractor employee.	rds and Record Drawings relating to the element of constr input into, and are accessible via, the Project EDMS. All C a has signed each document, in accordance with our Com	Contractor documents have been checked to assure that	a relevant and compe
Signed Certificate Package Prepared by		Sgned Checked by:	
Name:		Name:	
Signed Contractor Quality Manager:			
Name:		Date: 27/04/2021	
	Supervisor's Statement	The state of the s	774
I accept that this Package Listing has been populated and the Contractor Review Statement above is have been identified in accordance with the Punchwork F	signed by a Competent Individual in accordance with the References as noted in Section 7 above [strikeout and noted]	Contractor's Competency Management Plan, and Outsta ote NOT APPLICABLE if necessary]	ending Works / Defec
Signed CRL First Reviewer:			
Name:		Date: 21 05 202	1
Signed PFE / Supervisor's Representative:			*
Name:			