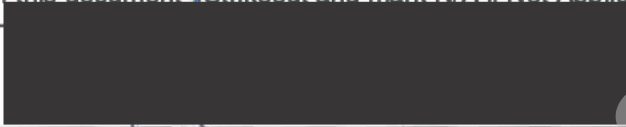





CROSSRAIL CENTRAL SECTION SUB-CONSTRUCTION CERTIFICATE

This is Part 1 of 2


CONTRACTOR STATEMENT

Contract Number: C422	Contract Deliverable No: C13.006	
Contract Name: Tottenham Court Road	Sub-Construction Cert: C422-LAO-C-CER-N105_WS089_Z-50226 Rev 3.0	
Design Cert: C422-LAO-A-RSP-N105_WS089-50001 Rev 5.0	Package Listing & Review Statement: see Part 2 of 2 of this document	
Contractor Name: Laing O'Rourke		
Name and location of element of construction: Installation & Fabrication of Level -4 (P&T) CLG 717 Vitreous Enamel Ceilings & Stainless Steel Bulkheads in AP9a, b & d		
Precise limits covered by this certificate: Platform & Tunnels Installation & Fabrication of Vitreous Enamel Ceilings & Stainless Steel Bulkheads in AP9a, b & d		
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 <i>Contract</i> 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 detailed in Section 7 of Part 2 of this document. [Strikeout and mark N/A if Not Applicable.]		
Signed 	For and on behalf of: Laing O'Rourke	
Name 	Position Project Leader	Date 22/02/2021

Supervisor's Statement

I accept Parts 1 and 2 of this Sub-Construction Certificate have been populated and signed by a competent individual and the following Defects have been identified in accordance with the Outstanding Works List identified in Section 7 of Part 2 of this document. [Strikeout if Not Applicable]	
Signed Name Brian Steele	Date. 4th March 2021

Project Manager's Statement

I confirm acceptance of this Sub-Construction Certificate subject to the Outstanding Works List as noted above. [Strikeout if Not Applicable]	
Signed Name 	Date. 4-3-21



CROSSRAIL CENTRAL SECTION

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

Contract Deliverable No. **C13.006**SUB CONSTRUCTION NO: C422-LAO-C-CER-N105_WS089_Z-50226 Rev 3.0
Part 2 of 2

Name and location of element of construction: Installation & Fabrication of Level -4 (P&T) CLG 717 Vitreous Enamel Ceilings & Stainless Steel Bulkheads in AP9a, b & d

Precise limits covered by this package (including temporary works left in place): Platform & Tunnels Installation & Fabrication of Vitreous Enamel Ceilings & Stainless Steel Bulkheads in AP9a, b & d

THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS		DO NOT DELETE "NOT APPLICABLE" ITEMS	
	Document Title	Document Number	Revision
1	REFERENCE DOCUMENTS		
	Whole Contract Construction Certificate	C422-LAO-07-CER-N105_WS089-50001	1.0
	Construction Certificate	C422-LAO-C-CER-N105_WS089_Z-50147	4.0
2	ASSURANCE RECORDS SPECIFIC TO THIS PACKAGE		
	Audit Reports	Not Applicable	
	Surveillance Reports	Not Applicable	
	Competency Management Plan/Matrix C01.005 - C422 - Competency Matrix	C422-LAO-O-STP-N105_WS089-50006	1.0
	Certificates of Competency of Personnel Performing Work Affecting Conformity to Requirements (where specified)	Not Applicable	
	Valid Subcontractor QMS Certification - ISO 9001: 2015 C422 - Certificate of Registration - Quality Management System - ISO 9001:2015	C422-LAO-O4-CER-N105_WS089-50001	3.0
3	DESIGN RECORDS		
	Deliverable Design Records relevant to the Construction Certificate Package required by: Part 13 of the Works Information Volume 2B		
	Register and Issue Record (RIR) C422 - Register & Issue Record (RIR) - SAS International	C422-LAO-Z-LRG-N105_WS089_Z-50026	107.0
	Conceptual Design Statement	Not Applicable	
	Design Certificates CAT II Design Check Certificate - Vitreous Enamel Ceilings, Metal Ceilings & Aquapanel Walls	C422-LAO-X-CER-N105_WS089_Z-50002	4.0
	Designer CDM Risk Register C422 CDM Risk Register	C422-LAO-O3-LRG-N105_WS089-50002	13.0
	Geotechnical Design or Technical Reports Surveys	Not Applicable Not Applicable	
	Detailed Designs C422 Tottenham Court Road – Design Completion Certificate (DCC) – Architecture	C422-LAO-07-CER-N105_WS089-50002	3.0
	Design Specifications C422 Tottenham Court Road - Architectural Specification	C422-LAO-A-RSP-N105_WS089-50001	5.0
	Electronically Re-Drawn Operational drawings at Revision C0# Status AB 'As Built' (By Originator) C422 - CLG 717 - Goslett Yard Box, Passage AP9a, RCP & Section (VE) C422 - CLG 717 - Goslett Yard Box, Passage AP9d, RCP & Section (VE) Platform & Tunnels C422 - CLG 717 - Goslett Yard Box, Passage AP9b, RCP & Section (VE)	C422-LAO-A-DWG-N105_WS089-50013 C422-LAO-A-DWG-N105_WS089-50019 C422-LAO-A-DWG-N105_WS089-50015	C02 C02 C02
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#) C422 - CLG 717 - Goslett Yard Box, Passage AP9a, RCP & Section (VE) C422 - CLG 717 - Goslett Yard Box, Passage AP9d, RCP & Section (VE) Platform & Tunnels C422 - CLG 717 - Goslett Yard Box, Passage AP9b, RCP & Section (VE)	C422-LAO-A-DWG-N105_WS089-50013 C422-LAO-A-DWG-N105_WS089-50019 C422-LAO-A-DWG-N105_WS089-50015	C01 C01 C01
	Material Proposal Schedule C422 - Material Proposal Schedule - Structures & Architectural	C422-LAO-C-TSC-N105_WS089-50001	15.0
	Material Compliance Records/Approvals C422 - MCR – SAS System 150 Ceilings (CLG226) MCR - Vitreous Enamel Ceiling Panels MCR - SAS Perforated Stainless Steel Ceiling System (CLG 716) MCR - VE Ceiling framework, fixings and accessories	C422-LAO-O4-XDS-N105_WS089_Z-50311 C422-LAO-O4-XDS-N105_WS089_Z-50308 C422-LAO-O4-XDS-N105_WS089_Z-50309 C422-LAO-O4-XDS-N105_WS089_Z-50310	1.0 1.0 2.0 2.0
	Factory Acceptance Test Reports	Not Applicable	
	Inspection & Test Plans ITP - Fabrication of Vitreous Enamel Panels ITP - Installation of Vitreous Enamel and Stainless Steel Ceilings	C422-LAO-07-ITP-N105_WS089_Z-50034 C422-LAO-07-ITP-N105_WS089_Z-50035	3.0 4.0
	ITP Deliverable Records Packages <i>For example: Piling Records, Embedded walling, records, pre & post pour concrete, test reports, waterproofing, compensation grouting etc.</i> C422 - Construction Quality Pack - SAS - Installation of Vitreous Enamel Ceilings & Stainless Steel Bulkheads in AP9a,b & d. C422-Construction Quality Pack - SAS - Fabrication of Vitreous Enamel Panels	C422-LAO-07-LRC-N105_WS089_Z-50489 C422-LAO-07-LRC-N105_WS089_Z-50479	3.0 2.0
	Construction Method Statements SAS - Installation of vitreous Enamel / Stainless Steel Framework Method Statement	C422-LAO-O2-GMS-N105_WS089_Z-50002	1.0
	Short Notice Changes (SNC)	Not Applicable	
	Change Request notices (PMIs)	Not Applicable	
	Requests for Information (RFIs)		



CROSSRAIL CENTRAL SECTION

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

Contract Deliverable No. **C13.006** SUB CONSTRUCTION NO: C422-LAO-C-CER-N105_WS089_Z-50226 Rev 3.0
Part 2 of 2

Name and location of element of construction: Installation & Fabrication of Level -4 (P&T) CLG 717 Vitreous Enamel Ceilings & Stainless Steel Bulkheads in AP9a, b & d

Precise limits covered by this package (including temporary works left in place): Platform & Tunnels Installation & Fabrication of Vitreous Enamel Ceilings & Stainless Steel Bulkheads in AP9a, b & d

THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS	DO NOT DELETE "NOT APPLICABLE" ITEMS	
Document Title	Document Number	Revision
RFI - Scope of CLG-715 and CLG-717 demountable ceilings	C422-RFI-000956	
Demountable Suspended Ceilings	C422-RFI-000303	
Civil/Architectural Packages - Redline to Final As Built Drawings	C422-RFI-002004	
Field Change Documents (FCDs)	Not Applicable	
Non-Conformance Reports and Notification of Defects (NCRs)		
Lack of protruding thread in AP9d walling system	C422-NCR-001012	
SAS VE Ceilings, Metal Ceilings and Aquapanel Walls	C422-NCR-001250	
Technical Reports	Not Applicable	
Settlement / Damage Reports (Building or Structural)	Not Applicable	
Archaeological and Historical Building Reports	Not Applicable	
Surveys (e.g. CCTV Surveys)	Not Applicable	
Third Party Required Records / Certificates of Acceptance		
Highways Agency	Not Applicable	
Local Authority	Not Applicable	
Gas	Not Applicable	
Electricity	Not Applicable	
Water	Not Applicable	
Telecomms	Not Applicable	
DLR	Not Applicable	
LUL	Not Applicable	
LO	Not Applicable	
TfL / TfL	Not Applicable	
NR	Not Applicable	
Building Controls (CRL or Other)	Not Applicable	
Revision X0# Red Line Marked up Drawings	Not Applicable	
Health and Safety File as defined in the Works Information	Not Applicable	
C422 - Health and Safety file - Part 0 of 7 Guiding Document (Over-Arching Document)	C422-LAO-O3-GML-N105_WS089-50001	5.0
4B Tunnelling Records:		
Tunnelling / 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	Not Applicable	
Pre-Cast Concrete Ring Placement Records	Not Applicable	
Pre-Cast Concrete Ring Core Records	Not Applicable	
Pre-Cast Concrete Ring Repair Records	Not Applicable	
Invert Bar Reinforcement Records	Not Applicable	
Spheroidal Graphite Iron Segment Casting Records	Not Applicable	
Spheroidal Graphite Iron Ring Placement Records	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	Not Applicable	
SCL Installation of Instrumentation Records	Not Applicable	
SCL RESS	Not Applicable	
SCL Action Plan	Not Applicable	
SCL ITP Deliverable Records Package: Primary Lining	Not Applicable	
SCL ITP Deliverable Records Package: Secondary Lining (including waterproofing)	Not Applicable	
5 SECTION IS NO LONGER REQUIRED		
6 OPERATION AND MAINTENANCE DELIVERABLE RECORDS		
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	Not Applicable	
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		
C422 - Material Proposal Schedule - Structures & Architectural	C422-LAO-C-TSC-N105_WS089-50001	15.0



CROSSRAIL CENTRAL SECTION

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

Contract Deliverable No. **C13.006**SUB CONSTRUCTION NO: C422-LAO-C-CER-N105_WS089_Z-50226 Rev 3.0
Part 2 of 2

Name and location of element of construction: Installation & Fabrication of Level -4 (P&T) CLG 717 Vitreous Enamel Ceilings & Stainless Steel Bulkheads in AP9a, b & d

Precise limits covered by this package (including temporary works left in place): Platform & Tunnels Installation & Fabrication of Vitreous Enamel Ceilings & Stainless Steel Bulkheads in AP9a, b & d

THE FOLLOWING DOCUMENTS/RECORDS ARE SPECIFIC TO THESE WORKS		DO NOT DELETE "NOT APPLICABLE" ITEMS	
Document Title	Document Number	Revision	
Signed Certificate Package Prepared by: [REDACTED]	Signed Checked by: [REDACTED]		
Name: [REDACTED]	Name: [REDACTED] lds		
Signed Contractor Quality Manager: [REDACTED]			
Name: [REDACTED]	Date: 22/02/2021		
Supervisor's Statement			
I accept that this Package Listing has been populated and the Contractor Review Statement above is signed by a Competent Individual in accordance with the Contractor's Competency Management Plan, and Outstanding Works / Defects have been identified in accordance with the Punchwork References as noted in Section 7 above [strikeout and note NOT APPLICABLE if necessary]			
Signed CRL First Reviewer: [REDACTED]			
Name: [REDACTED]	Date: [REDACTED]		
Signed PFE / Supervisor's Representative: [REDACTED]			
Name: [REDACTED]	Date: 4th March 2021		

Learning Legacy Document