



C620 – Signalling Area 1 and 2 Scheme Plan

CRL Document Number: C620-SIC-R2-DWG-CR001-50047

Supplier Document Number: N/A

Contract MDL reference A10.041

1. Contractor Document Submittal History:

Revision:	Date:	Prepared by:	Checked by:	Approved by:	Reason for Issue:
8.0/FC (X01)	18-04-2019				For acceptance

2a. Stakeholder Review Required? YES ☐ NO ☐

Stakeholder submission required: LU ☐ RfL ☐ Purpose of submission: For no objection ☐
NR ☐ LO ☐ For information ☐
DLR ☐ Other: _____

This document has been reviewed by the following individual for coordination, compliance, integration and acceptance and is acceptable for transmission to the above stakeholder for the above stated purpose.

Sign: _____ Role: _____ Name: _____ Date: _____

Sign: _____ Role: _____ Name: _____ Date: _____

2b. Review by Stakeholder (if required):

Stakeholder Organisation	Job Title	Name	Signature	Date	Acceptance
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

3. Acceptance by Crossrail:

	Crossrail Review and Acceptance Decal This decal is to be used for submitted documents requiring acceptance by Crossrail.			
<input type="checkbox"/>	Code 1.	Accepted. Work May Proceed	Reviewed / Accepted by:	
<input checked="" type="checkbox"/>	Code 2.	Not Accepted. Revise and resubmit. Work may proceed subject to incorporation of changes indicated	Name:	
<input type="checkbox"/>	Code 3.	Not Accepted. Revise and resubmit. Work may not proceed	Position:	ltc D
<input type="checkbox"/>	Code 4.	Received for information only. Receipt is confirmed	Date:	18-04-19
Acceptance by Crossrail does not relieve the designer/supplier from full compliance with their contractual obligations and does not constitute Crossrail approval of design, details, calculations, analyses, test methods or materials developed or selected by the designer/supplier.			Signature:	



Document History

Rev. CRL	Date	SRA Rev.	Chapter	Reason for Issue:
1.0	15-04-2015	A	N/A	First submission.
2.0	20-08-2015	B	N/A	Design updates.
3.0	13-01-2016	C	N/A	Addressing Crossrail comments, generic updates including new or revised information.
4.0	14-07-2016	D	N/A	Revised to address Crossrail comments made against
5.0	23-01-2017	EA (CAD E)	N/A	Revised to new stopping locations for TDB.
6.0	15-05-2017	FA	N/A	Rev V Alignment and pedestrian crossing updates.
7.0	22-06-2018	FB	N/A	Updated to Crossrail comments and installation logs.
8.0 (X01)	18-04-2019	FC	N/A	Red line submission. Sighting form updates. Ventilated section as built, evac. walkway revisions, point power as built positions, cross passage location as built, SAG review comments.

Contents

Sheet Number/Reference	Rev.	Sheet Title
SJ58/GEN/M/044	N/A	Modification Front Sheet.
C620-SIC-R2-DDE-CR001-00001	FC	Signalling Scheme Plan – Areas 1 and 2; Paddington to Pudding Mill Lane Portal.

SJ58; CROSSRAIL MODIFICATION FRONT SHEET

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Reference Documents used for this design:		
Previous update reference:	SJ58/GEN/M/037	
Doc. Number	Document Title	Document Version
SJ58/CCF/0435	Area 1 and 2 Scheme Plan	1
SJ58/CCF/0488	Area 1 and 2 Scheme Plan As Builts	2
SJ58/CCF/0525	Generic Plan Issues	1
CFX00396899	As built mark ups - FDX	
CFX00396910	As built mark ups - LSX	
CFX00397984	Remove references to preferred routes from route boxes as this functionality cannot be supported. – No Action log as no references on plan.	
CFX00400135	As built mark ups - TCR	
CFX00400136	As built mark ups - BDS	
CFX00400137	As built mark ups - PDX	
XR095	Sighting Form	B
XR122	Sighting Form	B
XR145	Sighting Form	B
XR412	Sighting Form	B
XR415	Sighting Form	A
Crossrail Comments	Against rev 7.0, (rev FB of the plan.)	
	Comment 3 Point positions – as built information	
	Comment 5, The current position (on rev FB) of the evacuation walkways at Stepney Green junction cannot be verified.	
C610-ATC-R4-RSP-CRG03-50080	Component Product Specification – Level Crossing Walkways and Road/Rail Access Points	1.0
C122-OVE-C-DDA-CR001_Z-22401	Bored tunnels – Turnouts Plan	P02
NR/L2/SIG/11201/Mod A5	Symbols for Plans and Sketches used in signalling Applications	1
C122-OVE-C4-DDD-CR001_Z-23090	Cross Passage 02 Plan and Profile	X02
C122-OVE-C4-DDD-CR001_Z-23093	Cross Passage 03 Plan and Profile	C06
C122-OVE-C4-DDD-CR001_Z-23096	Cross Passage 04 Plan and Profile	C06
C122-OVE-C4-DDD-CR001_Z-23101	Cross Passage 04a Plan and Profile	X02
C122-OVE-C4-DDD-CR001_Z-23220	Cross Passage 05 Plan and Profile	C05
C122-OVE-C4-DDD-CR001_Z-23250	Cross Passage 05a Plan and Profile	C04
C122-OVE-C4-DDD-CR001_Z-23300	Cross Passage 06 Plan and Profile	C04
C122-OVE-C4-DDD-CR001_Z-23306	Cross Passage 08 Plan and Profile	C04
C122-OVE-C4-DDD-CR001_Z-23350	Cross Passage 09 Plan and Profile	C04
C620-SIC-R2-RSP-CR001-50029	DIR ATS-009-TVS C620/C610 ATS to Tunnel Ventilation System Signalling. Pages 53, 54	V11
Email PJT 23.01.19	Plan Updates -item 3. IXL POP identification – we need to add a general note on the plans to indicate that the POPs on the scheme plan are applicable to the IXL only.	
Email P Kudla - SAG 22.03.19	Verified - new wording for POP note on plans to read ' <i>The overlap POP shown on this scheme plan is an interlocking overlap POP only. For details of the ATC overlap POP, please refer to engineering detail.</i> '	

SJ58; CROSSRAIL MODIFICATION FRONT SHEET

		Page 3 of 3
WI/Q/001/F1	Review Record Sheet for Area 1&2 Scheme Plan	
Email Chris Atkinson, SAG 15.02.19	TVS DIR review comments	
Email P,Kudla 12.02.19	Scheme plan review – prior to discussing the anomalies in the TVS DIR tables.	
Email T James 28.02.19	Overlap POP note on plans – confirmation from SAG	
Email C Atkinson 05.04.19	RE: Scheme Plan updates & TVS DIR Confirmation of agreement from SAG regarding the 'incorrect' chainage values.	

DESIGN DECISIONS: Use this section to record calculations and other factors relevant to making design decisions.

ITEM No.	DETAILS	REMARKS																														
1.	Marker boards which have had co-acting boards added; XR095, XR122, XR145, XR412, XR415. Placed on scheme plan as per sighting Form.																															
2.	Crossrail Comments Comment 3 – Point positions. In the absence of as built information I have assumed placement in/near the cable runs/troughing.	Need confirmation of these positions.																														
3.	Cross Passage As Built drawings as referenced above. CP02 & CP04a the latest version with as built information is on the red line 'X' mark ups as stated above.																															
4.	Review record sheet items not completed; CP05, Symbol, crossover WB value.																															
5.	<div>See Email C Atkinson 05.04.19, RE: Scheme Plan updates & TVS DIR attached to this MOD sheet below. Some of the revised chainage values included in the TVS DIR were incorrect according to the TVS specifications. Confirmation received regarding this issue, the following has been incorporated into this revision.</div> <table><tr><th>Ventilation Section</th><th colspan="2">Travel Direction East</th><th colspan="2">Travel Direction West</th></tr><tr><td></td><th>VSSP</th><th>VSLP</th><th>VSSP</th><th>VSLP</th></tr><tr><td>VS13W</td><td></td><td>11.466</td><td>11.466</td><td></td></tr><tr><td>VS14W</td><td>11.454</td><td>13.494</td><td>13.494</td><td>11.454</td></tr><tr><td>VS15W</td><td>13.469</td><td>14.713</td><td>14.713</td><td>13.469</td></tr><tr><td>VS16W</td><td>11.454</td><td></td><td></td><td>11.454</td></tr></table> <div>A note has been added to each affected value on the plan for confirmation of these chainages. C610 documentation will be required to confirm the above.</div>	Ventilation Section	Travel Direction East		Travel Direction West			VSSP	VSLP	VSSP	VSLP	VS13W		11.466	11.466		VS14W	11.454	13.494	13.494	11.454	VS15W	13.469	14.713	14.713	13.469	VS16W	11.454			11.454	
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