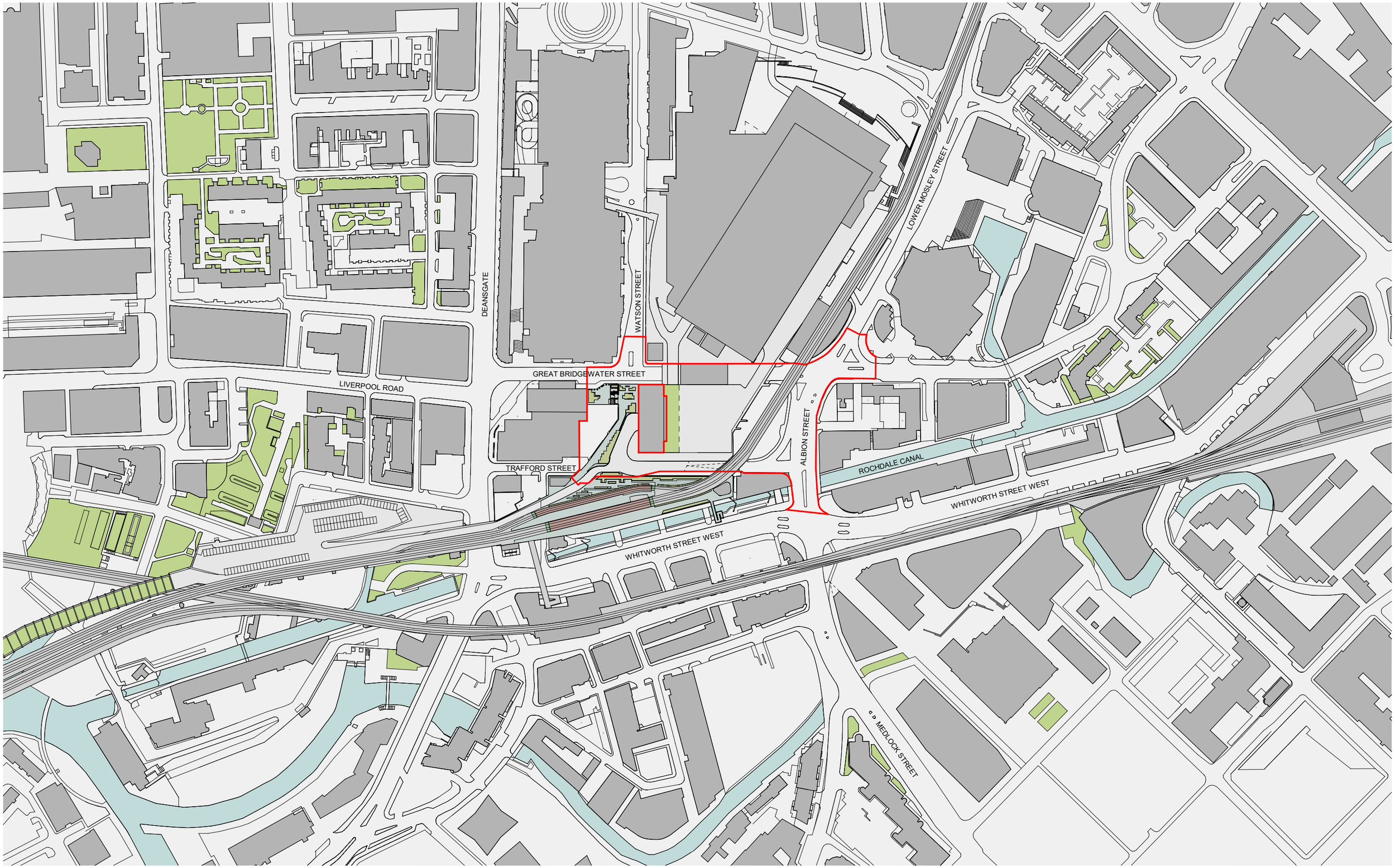
Drawings



This drawing is copyright
Do not scale off dimensions.
All dimensions to be checked on site by Contractor.

Contractor to report any dimensional discrepancies, errors or omissions prior to commencing on site.

Site area: 14866 m²
1.4866 ha

SCALE 1:1250

0 25m 50m 75m 125m

NORTH

Rev	Date	Description
P01	26-03-2024	Planning Issue
P02	31-10-2024	Planning Issue - Hotel & Residential

Project Title
Viadux Phase 2 - Plot 2a & 2b
Manchester

Status
PLANNING

Drawing Title
Viadux Phase 2 - Plot 2a & 2b
Existing Site Location Plan
Upper Levels

Job No
10448

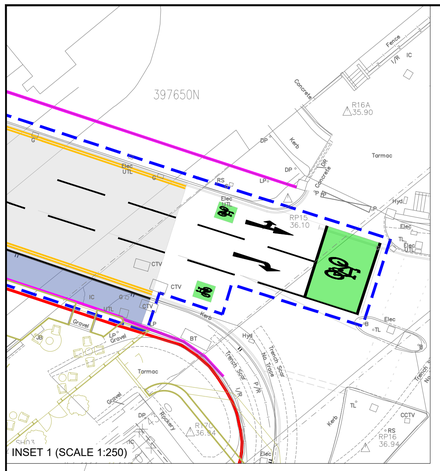
Scale
1:2500 @ A3
1 : 1250 @ A1

SHP Drawing Code
10448-SHP-ZZ- A-B5D9-G000-XP-XX-001

Revision
P02

simpsonhaugh
Manchester +44 (0)161 835 2345
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NOTES:

1. THE HIGHWAY AUTHORITY IS MANCHESTER CITY COUNCIL (MCC).
2. DESIGN CRITERIA IN ACCORDANCE WITH DMRB CD 123 - GEOMETRIC DESIGN OF AT-GRADE PRIORITY & SIGNAL-CONTROLLED JUNCTIONS.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL VECTOS DRAWINGS THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS (SHW).
4. HIGHWAY WORKS WHERE INDICATED BEYOND THE PROPOSED ADOPTION BOUNDARY ARE TO BE CONSTRUCTED AS PART OF THIS CONTRACT BUT TO REMAIN PRIVATE.
5. FOR APPLICABLE SECTOR SCHEMES FOR WORKMANSHIP AND MATERIALS WITH ASSOCIATED APPENDICES; REFER TO APP 1/24 QUALITY MANAGEMENT SYSTEM PART E.
6. IN ACCORDANCE WITH THE CDM REGULATIONS RESIDUAL RISKS OF SIGNIFICANCE ARE INDICATED ON THE DRAWING ONLY BY MEANS OF A HAZARD TRIANGLE WITH APPROPRIATE NOTE.
7. THE CONTRACTOR SHALL CONDUCT THE WORKS WITH DUE REGARD TO THE ECOLOGICAL AND ENVIRONMENTAL REQUIREMENTS OF THE SCHEME.
8. THE CONTRACTOR SHALL TAKE SUCH STEPS TO SAFEGUARD AGAINST CONTAMINATION OF PUBLIC SEWER.
9. TEMPORARY WORKS DESIGN ASSOCIATED WITH THE CONSTRUCTION OF THE WORKS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
10. TOPOGRAPHICAL SURVEY BY SURVEY SOLUTIONS, REF. 41239MCUG-01, DATED 13/06/2022
11. TOPOGRAPHICAL SURVEY AND OS DATA SUPPLIED BY CLIENT. ALL DIMENSIONS, LEVELS AND SURVEY GRID COORDINATES ARE TO BE CHECKED BY THE CONTRACTOR AND ANY DISCREPANCIES ON THIS DRAWING OR ON SITE MUST BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

PLEASE REFER TO THE HEALTH AND SAFETY FILE FOR A FULL LIST OF THE HAZARDS ASSOCIATED WITH THIS WORK - THE FOLLOWING ARE THE MOST SIGNIFICANT ITEMS TO BE AWARE OF.

CONSTRUCTION

1. OPERATIVES TO TAKE PRECAUTIONS WHEN WORKING ADJACENT TO OR WITHIN OPEN EXCAVATIONS. METHOD STATEMENT TO BE PRODUCED BY CONTRACTOR PRIOR TO WORKS COMMENCING.
2. ATTENTION IS DRAWN TO THE EXISTENCE OF BOTH EXISTING UNDERGROUND AND OVERHEAD UTILITIES.

ENVIRONMENTAL

1. EXISTING WATERCOURSES IN CLOSE PROXIMITY TO WORKS. A POLLUTION PREVENTION STRATEGY AND WORKING METHOD STATEMENTS TO BE PRODUCED BY THE CONTRACTOR FOR ALL WORKS.
2. CONSIDERATION GIVEN TO NOISE LEVELS GIVEN PROXIMITY TO EXISTING PROPERTIES.
3. CONSIDERATION GIVEN TO GROUND CONDITIONS. CONTRACTOR TO REVIEW GEOTECHNICAL REPORT PRIOR TO UNDERTAKEN EXCAVATION WORKS.

WORK CAN ONLY BE CARRIED OUT BY SUITABLY TRAINED AND BRIEFED PERSONNEL.

AWAITING TECHNICAL APPROVAL

This drawing has NOT been technically approved by Local Authority and/or Water Authority. All works subject to change through technical review process with relevant approving authorities.

0 2.5 5 10 15
1:250 SCALE (m)

KEY:

- S278 WORKS BOUNDARY
- ADOPTED HIGHWAY BOUNDARY
- DEVELOPMENT RED LINE BOUNDARY
- DESIRABLE JUNCTION INTERVISIBILITY LINE TO DMRB CD109.
- ACHIEVABLE JUNCTION INTERVISIBILITY LINE.
- PROPOSED KERB LINE
- PROPOSED PCC SQUARE EDGE CHANNEL
- PROPOSED CARRIAGEWAY RESURFACING
- PROPOSED FOOTWAY CONSTRUCTION / RECONSTRUCTION OF EXISTING
- PROPOSED PEDESTRIAN DETERRENT PAVING
- PROPOSED CYCLE LANE - GREEN HATCH AREAS
- PROPOSED RED SURFACE DRESSING AT PEDESTRIAN CROSSINGS, PSV 68+
- PROPOSED RED TACTILE PAVING (CONTROLLED PEDESTRIAN CROSSING)
- PROPOSED BUFF TACTILE PAVING (UNCONTROLLED PEDESTRIAN CROSSING)
- PROPOSED SIGNAL POLES / PUSH BUTTONS / SIGNAL HEADS / ABOVE GROUND DETECTION. (BASED ON TfGM DESIGN)
- EXISTING LIGHTING COLUMN (TO REMAIN)
- EXISTING LIGHTING COLUMNS REMOVED DURING CONSTRUCTION OF DEVELOPMENT SHALL BE REINSTATED LIKE FOR LIKE
- B — NEW 115mm Ø MARSHALLS DEANSGATE RF FERROCAST BOLLARD WITH YELLOW REFLECTIVE BAND INSTALLED WITHIN PRE-CUT GROOVE. REFER TO VECTOS DRAWING 4000 FOR FURTHER INFORMATION
- G — NEW ROAD GULLY. SHALL UTILISE CONNECTION OF NEARBY GULLY TO BE REMOVED (UNLESS SPECIFIED OTHERWISE)
- FG — NEW FOOTWAY GULLY. SHALL CONNECT INTO NEW ROAD GULLY CONNECTION (UNLESS SPECIFIED OTHERWISE)
- REFER TO VECTOS DRAWING 4000 FOR GULLY CONSTRUCTION & CONNECTION DETAILS

Rev	Details	Drawn	Checked	Auth	Date
P07	MCC COMMENTS	IW	NM	NM	08.04.2024
P06	MCC COMMENTS / TfGM SIGNAL DESIGN / CAR CLUB BAY	IW	NM	NM	19.02.2024
P05	MCC COMMENTS	IW	NM	NM	08.11.2023
P04	CHANGE TO WORKS EXTENTS	IW	NM	NM	29.09.2023
P03	RSA2 COMMENTS	IW	NM	NM	22.09.2023
P02	TfGM/MCC MEETING COMMENTS	IW	NM	NM	21.07.2023
P01	FOR INFORMATION	JD	DRC	DRC	16.08.2022

Drawing Status: FOR REVIEW & COMMENT
Suitability: S3

vectos. | PART OF SLR
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e: manchester@vectos.co.uk

LRQA CERTIFIED ISO 9001

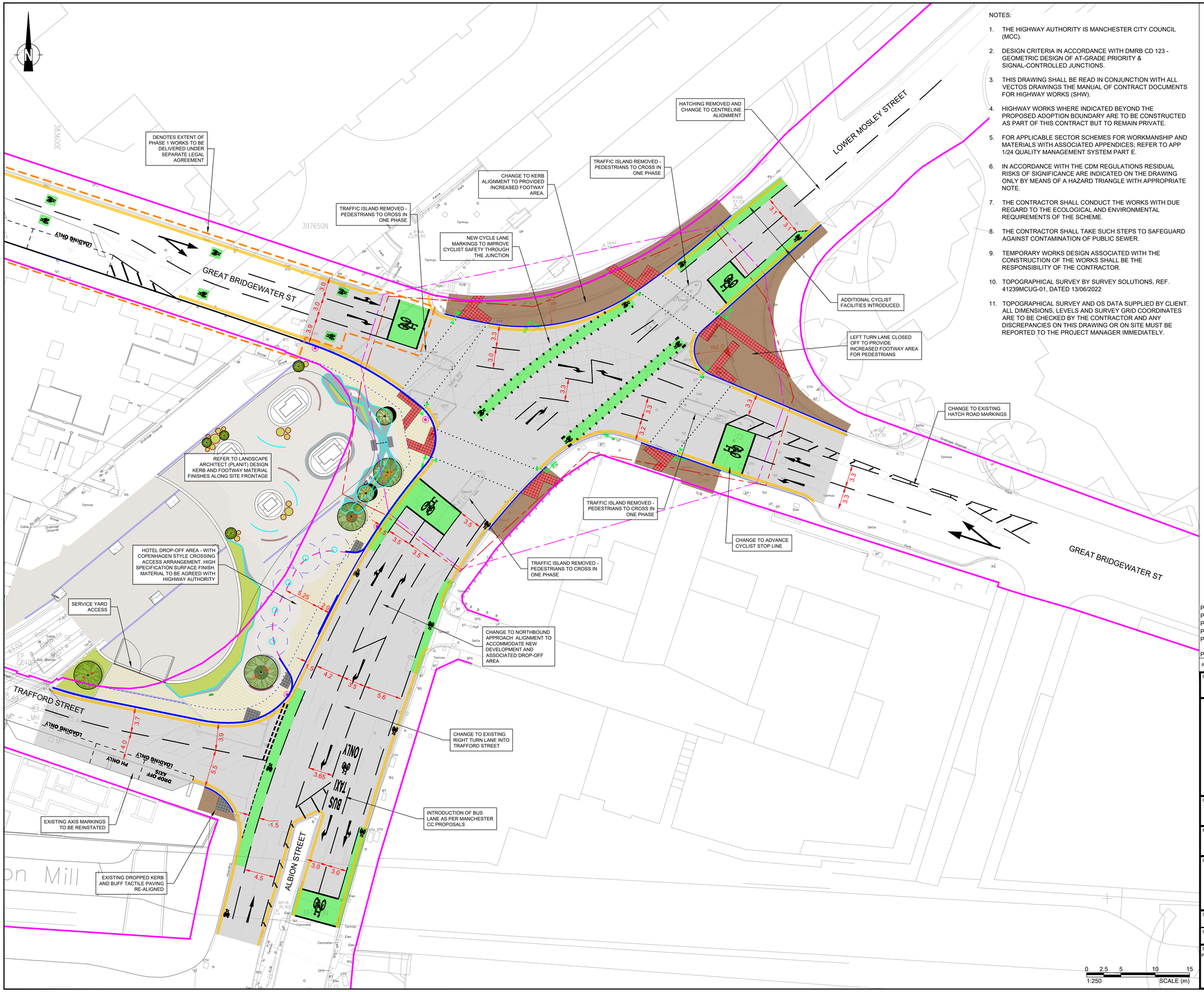
Client: SALBOY CENTRAL LIMITED

Project Title: VIADUX PHASE 1 S278 WORKS

Drawing Title: GREAT BRIDGEWATER STREET WATSON STREET JUNCTION GENERAL ARRANGEMENT

Scale	Designed	Drawn	Checked	Authorised
1:250	JD	JD	DRC	DRC
Original Size	Date	Date	Date	Date
A1	16.08.22	16.08.22	16.08.22	16.08.22

Drawing Number (PIN/Proj. Ref. No. | Originator | Volume | Location | Type | Role | Number): SVA - VEC - 0 - P1 - DR-CH- 0000
Project Ref. No.: VD23901
Revision: P07



NOTES:

1. THE HIGHWAY AUTHORITY IS MANCHESTER CITY COUNCIL (MCC).
2. DESIGN CRITERIA IN ACCORDANCE WITH DMRB CD 123 - GEOMETRIC DESIGN OF AT-GRADE PRIORITY & SIGNAL-CONTROLLED JUNCTIONS.
3. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL VECTOS DRAWINGS THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS (SHW).
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11. TOPOGRAPHICAL SURVEY AND OS DATA SUPPLIED BY CLIENT. ALL DIMENSIONS, LEVELS AND SURVEY GRID COORDINATES ARE TO BE CHECKED BY THE CONTRACTOR AND ANY DISCREPANCIES ON THIS DRAWING OR ON SITE MUST BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.

KEY:

- EXISTING HIGHWAY BOUNDARY
- PROPOSED KERB LINE
- PROPOSED DELINEATION OF PUBLIC HIGHWAY AND DEVELOPMENT SITE. DETAILS TO BE AGREED WITH HIGHWAY AUTHORITY.
- PROPOSED CARRIAGEWAY RESURFACING / REPROFILING
- PROPOSED FOOTWAY CONSTRUCTION / RECONSTRUCTION OF EXISTING
- PROPOSED CYCLE LANE - GREEN HATCH AREAS
- RED TACTILE PAVING - PROPOSED / EXISTING CONTROLLED PEDESTRIAN CROSSING
- BUFF TACTILE PAVING - PROPOSED / EXISTING UNCONTROLLED PEDESTRIAN CROSSING
- GREY / CHARCOAL TACTILE PAVING - PROPOSED / EXISTING UNCONTROLLED PEDESTRIAN CROSSING
- PROPOSED SIGNAL POLES / PUSH BUTTONS (NOTE: INDICATIVE - EXACT DETAILS TO BE CONFIRMED BY TfGM DESIGN)

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

PLEASE REFER TO THE HEALTH AND SAFETY FILE FOR A FULL LIST OF THE HAZARDS ASSOCIATED WITH THIS WORK - THE FOLLOWING ARE THE MOST SIGNIFICANT ITEMS TO BE AWARE OF.

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WORK CAN ONLY BE CARRIED OUT BY SUITABLY TRAINED AND BRIEFED PERSONNEL.

AWAITING TECHNICAL APPROVAL

This drawing has NOT been technically approved by Local Authority and/or Water Authority.
All works subject to change through technical review process with relevant approving authorities.

Rev	Details	Drawn	Checked	Auth	Date
P06	PLANIT DESIGN ADDED	IW	GD	GD	31.10.2024
P05	LAYBY REVISED	IW	GD	GD	29.10.2024
P04	ALBION STREET DESIGN REVISED	IW	GD	GD	14.10.2024
P03	ALBION STREET DESIGN REVISED	IW	GD	GD	08.10.2024
P02	TRAFFORD ST ENTRANCE REVISED SITE LAYOUT UPDATED	IW	NM	NM	18.01.2024
P01	LOADING BAY RELOCATED	IW	NM	NM	03.11.2023

Drawing Status: FOR REVIEW & COMMENT
Suitability: S3

vectos. | PART OF SLR
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e: manchester@vectos.co.uk
LRQA CERTIFIED ISO 9001

Client: SALBOY CENTRAL LIMITED

Project Title: VIADUX PHASE 2 S278 WORKS

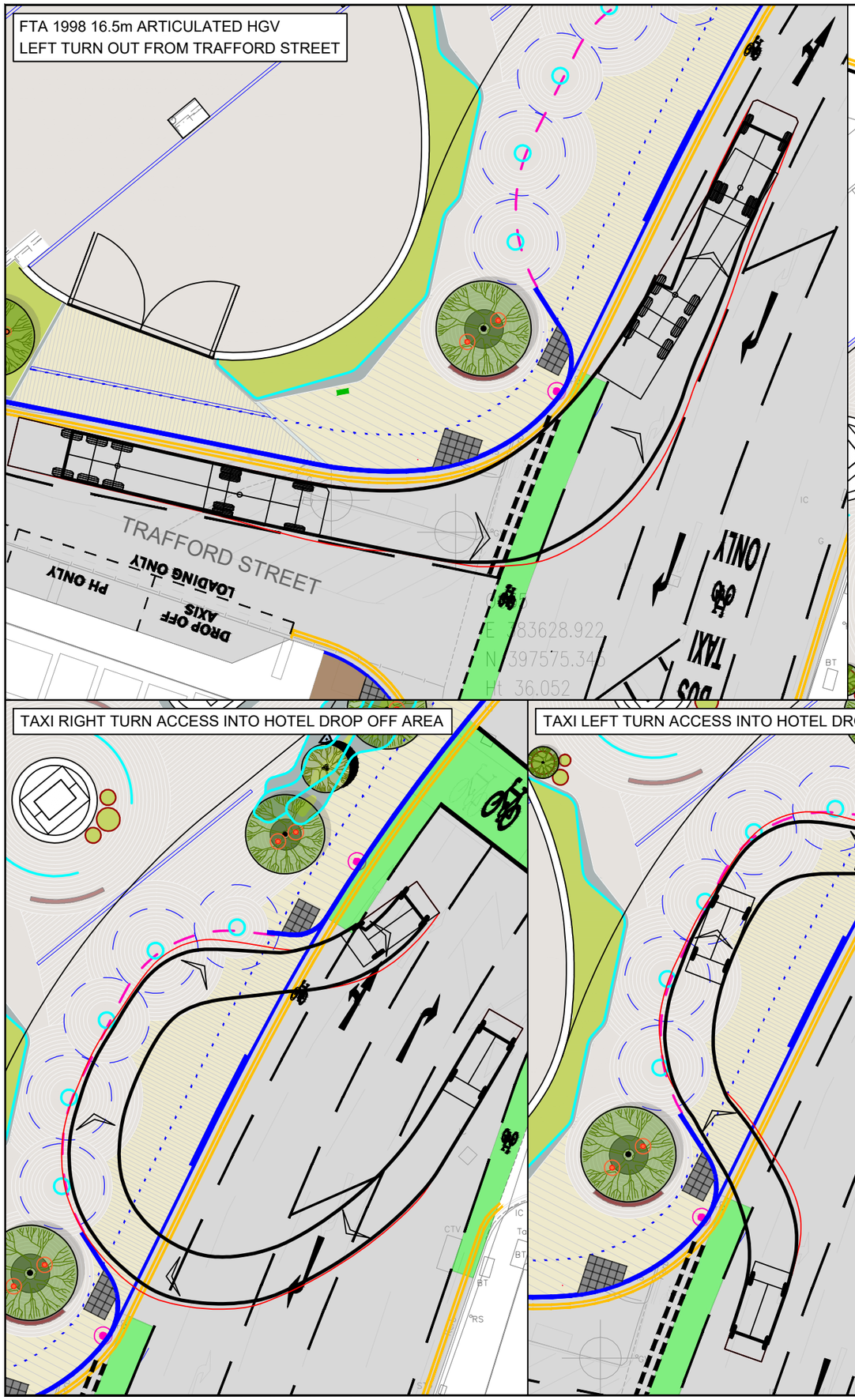
Drawing Title: GREAT BRIDGEWATER STREET / ALBION STREET JUNCTION GENERAL ARRANGEMENT

Scale	Designed	Drawn	Checked	Authorised
1:250	IW	IW	NM	NM
Original Size	Date	Date	Date	Date
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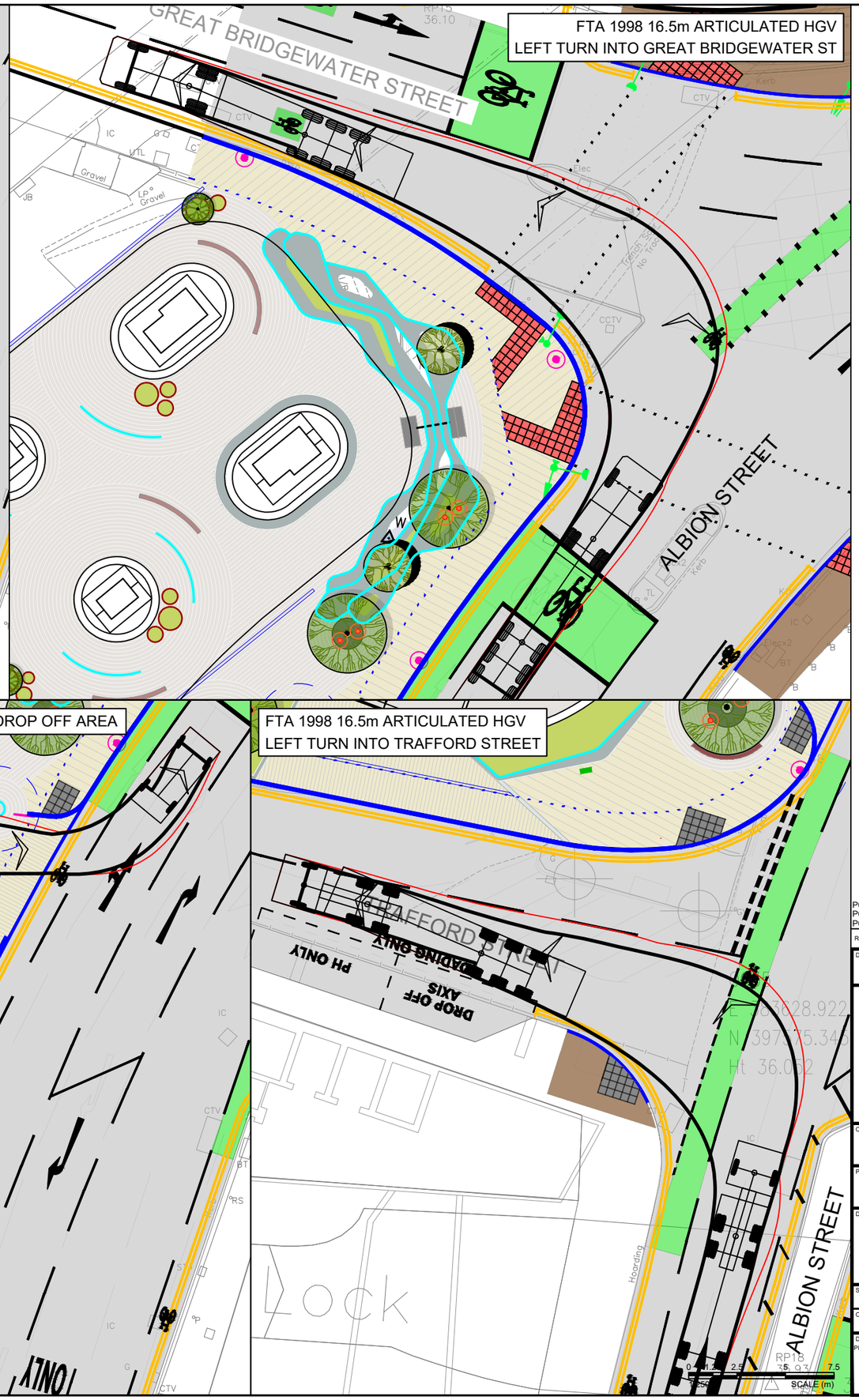
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SVA - VEC - 0 - P2 -DR-CH- 0000

Project Ref. No.: VD23901
Revision: P06

FTA 1998 16.5m ARTICULATED HGV
LEFT TURN OUT FROM TRAFFORD STREET



FTA 1998 16.5m ARTICULATED HGV
LEFT TURN INTO GREAT BRIDGEWATER ST

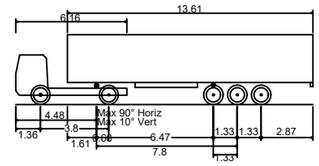


TAXI RIGHT TURN ACCESS INTO HOTEL DROP OFF AREA

TAXI LEFT TURN ACCESS INTO HOTEL DROP OFF AREA

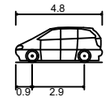
FTA 1998 16.5m ARTICULATED HGV
LEFT TURN INTO TRAFFORD STREET

VEHICLE INFORMATION



FTA Design Articulated Vehicle (1998)

Overall Length	16.480m
Overall Width	2.550m
Overall Body Height	3.870m
Min Body Ground Clearance	0.515m
Max Track Width	2.470m
Lock to lock time	3.00s
Kerb to Kerb Turning Radius	6.550m



Standard Design Vehicle (SDV)

Overall Length	4.800m
Overall Width	2.000m
Overall Body Height	1.950m
Min Body Ground Clearance	0.100m
Track Width	2.000m
Lock to lock time	4.00s
Wall to Wall Turning Radius	6.000m

Rev	Details	Drawn	Checked	Auth	Date
P03	DROP OFF LAYOUT REVISED	IW	GD	GD	15.11.24
P02	DROP OFF LAYOUT REVISED	IW	GD	GD	11.11.24
P01	FIRST ISSUE	IW	GD	GD	29.10.24

Drawing Status: FOR INFORMATION
Suitability: S2

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e: manchester@vectos.co.uk
LRQA CERTIFIED ISO 9001

Client: SALBOY CENTRAL LIMITED

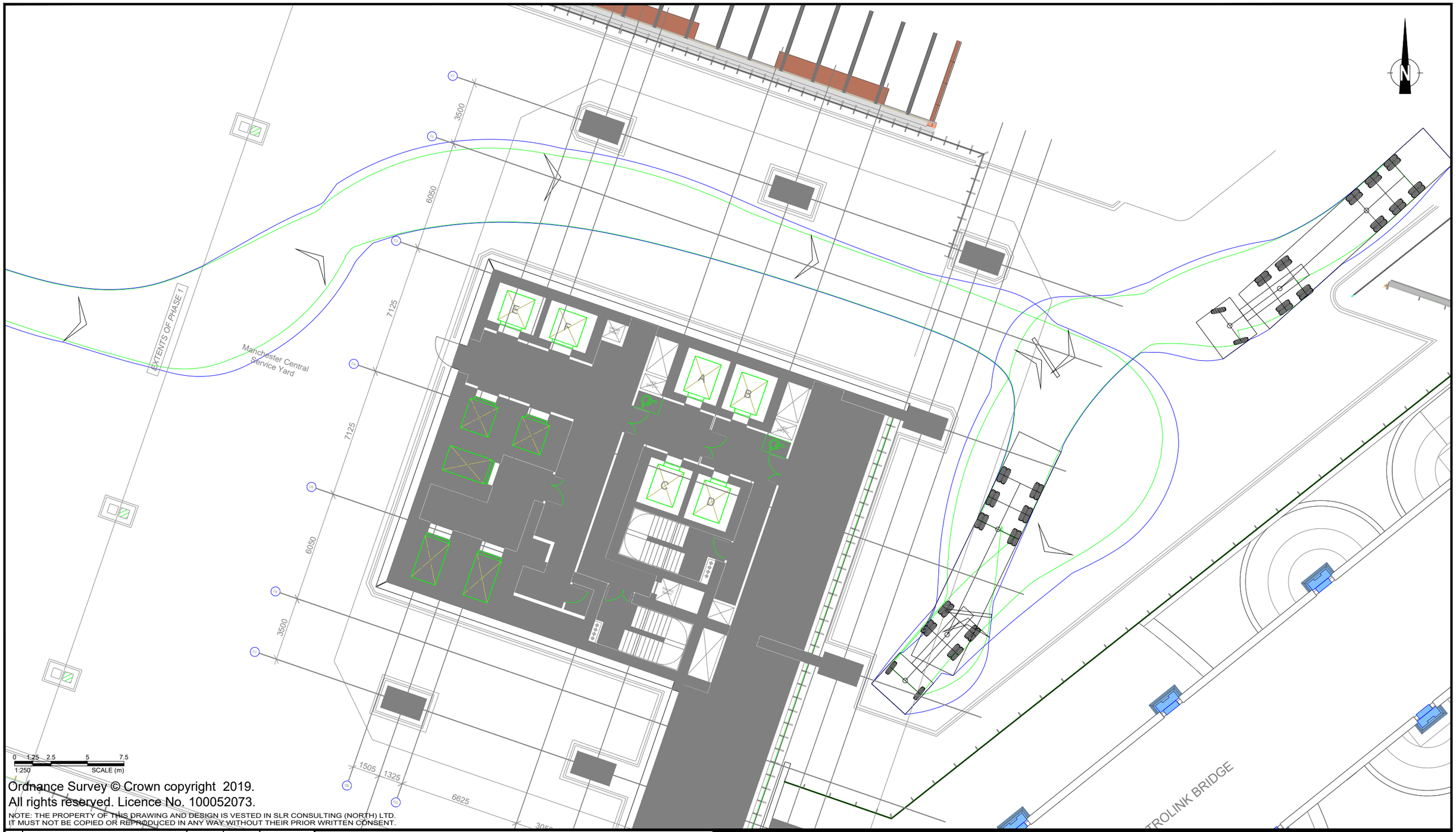
Project Title: VIADUX PHASE 2 S278 WORKS

Drawing Title: HOTEL DROP OFF AREA
VEHICLE TRACKING INFORMATION

Scale	Designed	Drawn	Checked	Authorised
1:250	IW	IW	GD	GD
Original Size	Date	Date	Date	Date
A3	15.10.24	15.10.24	15.10.24	15.10.24

Drawing Number: PIN/Proj. Ref. No. | Originator | Volume | Location | Type | Role | Number
SVA - VEC - 0 - P2 - SK - CH - SK07

Project Ref. No.: VD23901
Revision: P03

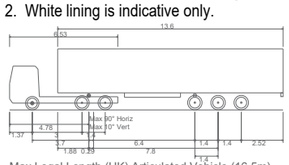


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REV.	DETAILS	DRAWN	CHECKED	DATE
A	LEVEL 01	YF	GD	25.07.24
B	SLR-10448-SHP-ZC-A-B5D9-G200-PL-01-001	YF	GD	23.10.24

Notes:

1. This is not a construction drawing and is intended for illustrative purposes only.
2. White lining is indicative only.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

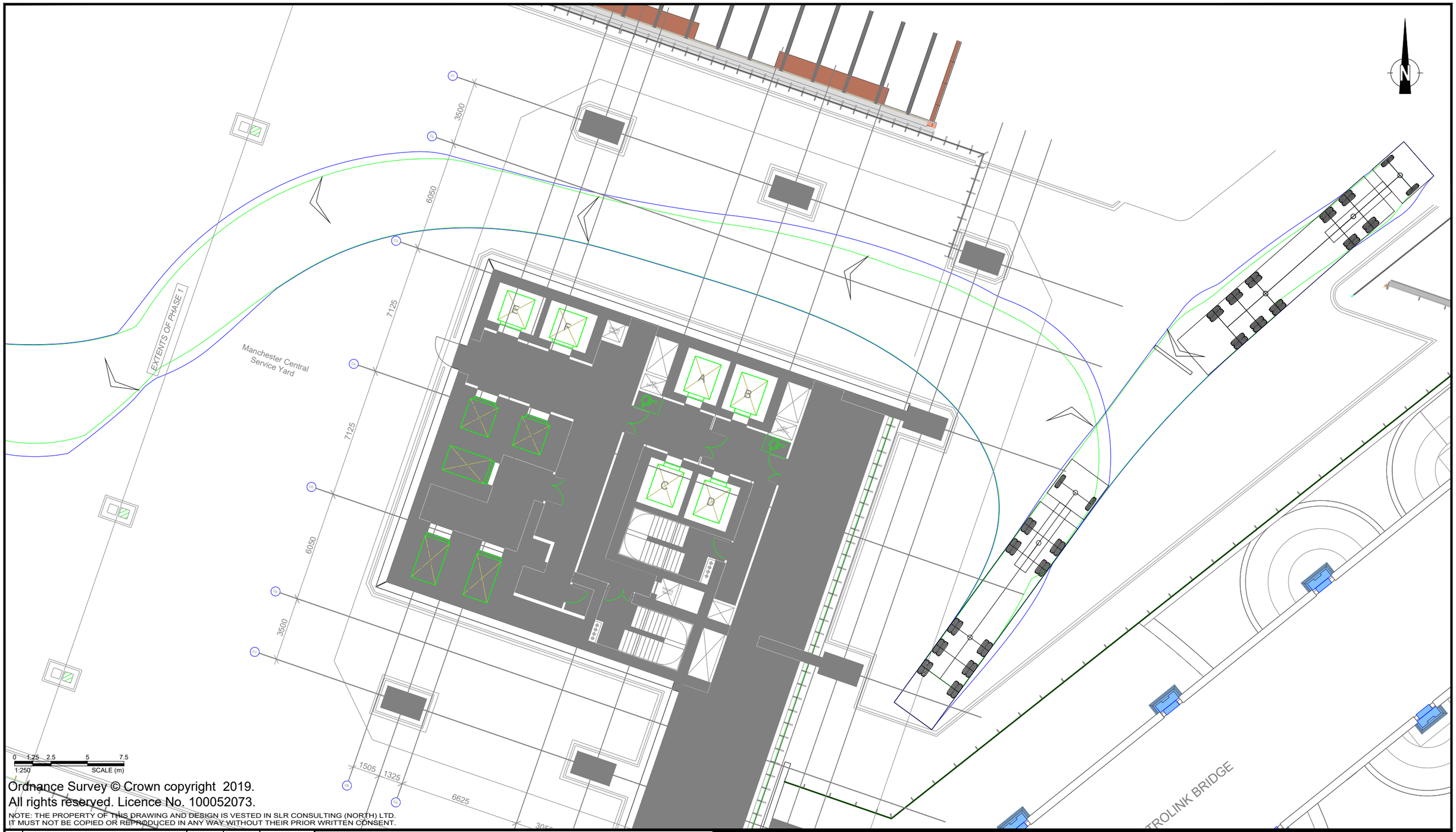
Viadux Phase 2, Manchester

Salboy Central Ltd

Swept Path Analysis - Articulated Lorry

SLR

DRAWN:	CHECKED:	DATE:	SCALES:	DRAWING NUMBER:	REVISION:
YF	GD	28.10.24	1:500 at A3	VN232690-TR100	B



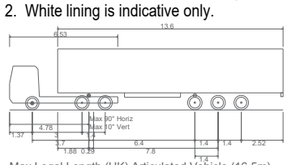
0 1.25 2.5 5 7.5
1:250 SCALE (m)

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REV.	DETAILS	DRAWN	CHECKED	DATE
A	LEVEL 01	YF	GD	25.07.24
B	SLR-10448-SHP-ZC-A-B5D9-G200-PL-01-001	YF	GD	23.10.24

Notes:

1. This is not a construction drawing and is intended for illustrative purposes only.
2. White lining is indicative only.



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Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Viadux Phase 2, Manchester

Salboy Central Ltd

Swept Path Analysis - Articulated Lorry

SLR

DRAWN:	CHECKED:	DATE:	SCALES:	DRAWING NUMBER:	REVISION:
YF	GD	25.10.24	1:500 at A3	VN232690-TR102	B

Appendix A Active Travel Committed Highway Improvements

Transport Assessment

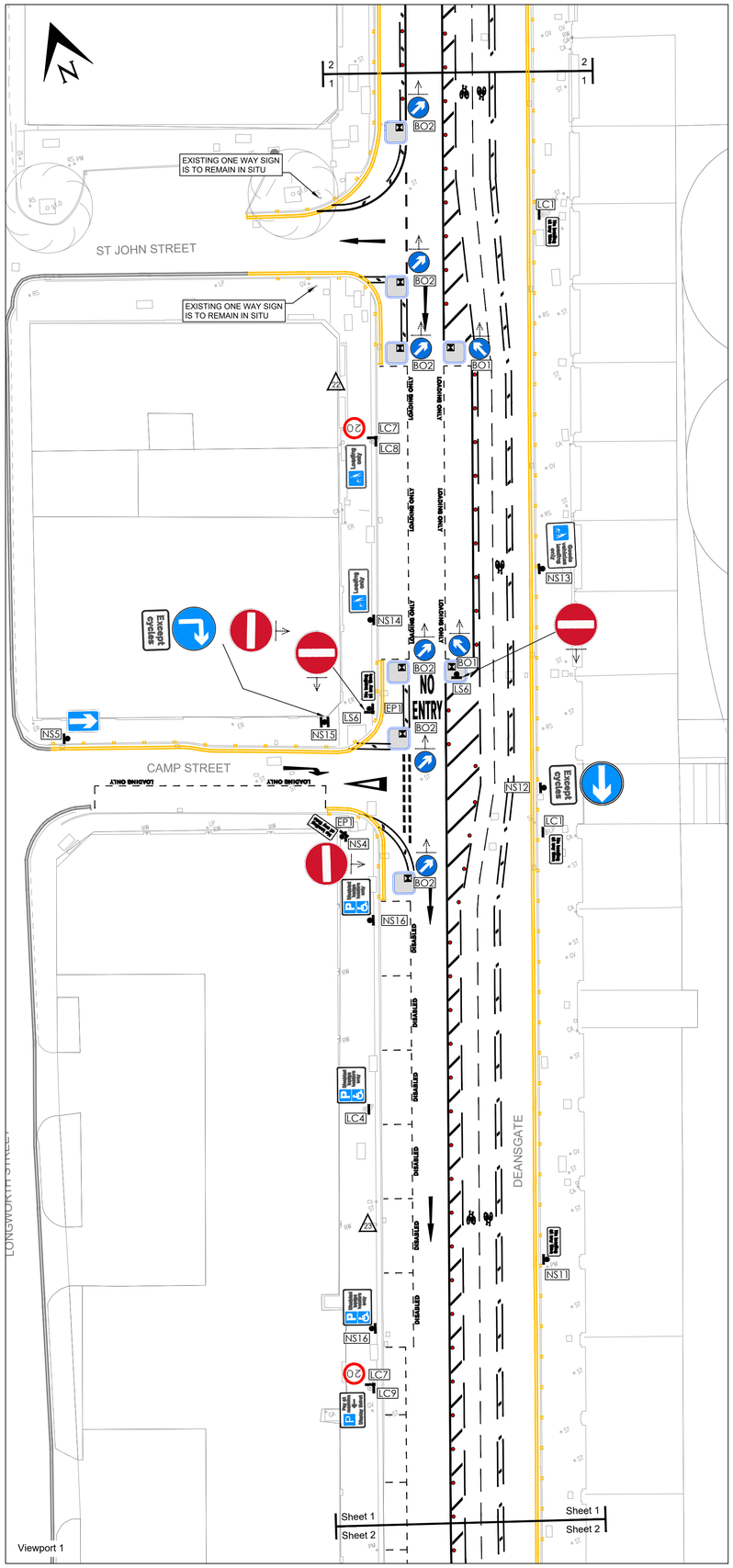
Viadux Plot 2A, Plot 2B, Manchester

Salboy Central Ltd

SLR Project No.: VN232690

12 November 2024

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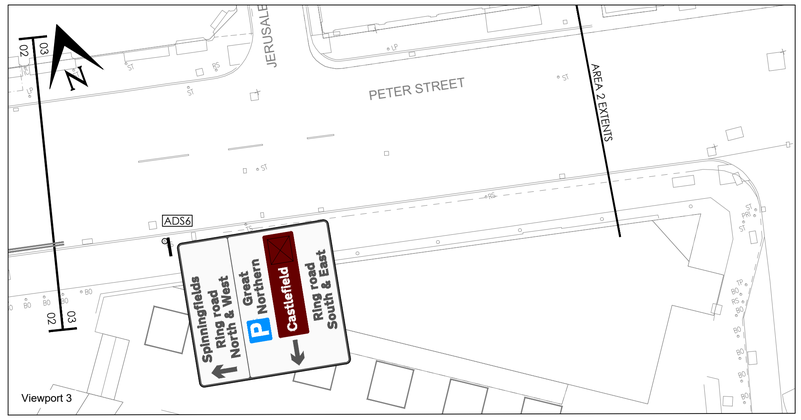


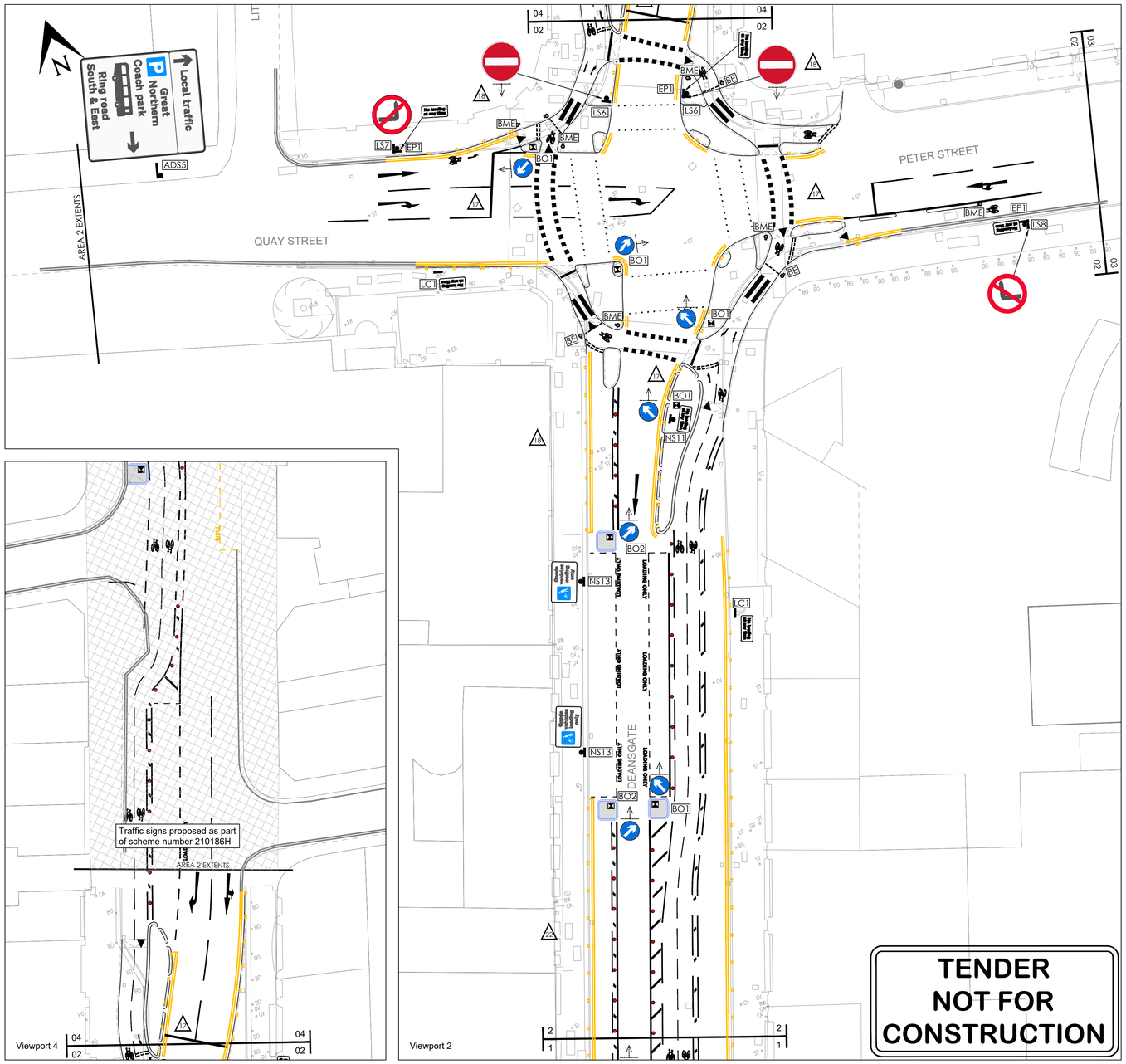
SITE SPECIFIC HAZARDS

IT HAS BEEN ASSUMED BY THE DESIGNER THAT THE WORKS ARE UNDERTAKEN BY A COMPETENT CONTRACTOR WHO IS AWARE OF THE RISKS NORMALLY ASSOCIATED WITH THIS TYPE OF WORK.
TAKE NOTE OF THE FOLLOWING: NOTE NUMBERS FOLLOW THE SEQUENCING IN THE DESIGNERS RISK ASSESSMENT. REFER TO DOCUMENT REFERENCE: 210288_WCL_XX_A2_RP_CH_0003 (P01) FOR FURTHER DETAILS.

01 WORKING ADJACENT TO STATUTORY UNDERTAKERS EQUIPMENT/ SERVICES.
02 WORKING ADJACENT TO LIVE TRAFFIC
03 ROUTES FOR PEDESTRIANS
04 ACCESS TO SITE
05 NEEDLE STICK INJURIES
06 MUD AND DEBRIS ON PUBLIC HIGHWAY
07 CONTROL OF NOISE, DUST OR VIBRATION
08 DEALING WITH TAR BOUND ARISINGS
09 WORKING FROM HEIGHT OR ON EMBANKMENTS
10 PLANT MOVEMENTS
11 HOT THERMOPLASTIC MATERIALS
12 MANUAL HANDLING
13 ANTISOCIAL BEHAVIOUR
14 NESTING BIRDS
15 BUSY PEDESTRIAN FLOWS
16 BUSY BUS ROUTE
17 EXISTING CONTROLLED CROSSINGS AFFECTED BY WORKS
18 RETAINING ACCESS TO COMMERCIAL PREMISES
19 PROXIMITY TO PUBLIC HOUSES/BARS
20 WORKS CLOSE TO RAILWAY BRIDGE
21 WORKS CLOSE TO BRIDGE
22 WORK ADJACENT TO POTENTIAL CELLARS
23 UNKNOWN ELECTRIC CONNECTION TO ADVERTISING SIGNS

THESE HAZARDS ARE SITE WIDE





NOTES – GENERAL:

1) ALL DIMENSIONS ARE STATED IN MILLIMETRES UNLESS NOTED OTHERWISE.
2) ALL LEVELS ARE STATED IN METRES
3) ALL DIMENSIONS, LEVELS AND CO-ORDINATES ARE BASED UPON TOPOGRAPHICAL SURVEY DRAWING PROVIDED BY MANCHESTER CITY COUNCIL.
4) DO NOT SCALE. PLEASE REFER ANY QUERIES TO THE PROJECT MANAGER / SUPERVISOR.
5) DRAWING TO BE READ IN COLOUR

NOTES – TRAFFIC SIGNS:

1) THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH TRAFFIC SIGN SCHEDULE DRAWINGS 21088H-WCL-XX-A2-DR-CH-1211-1220.
2) MINIMUM CLEARANCE FOR SIGNS FROM KERB FACE TO BE 450MM.
3) MINIMUM HEIGHT CLEARANCE TO BOTTOM OF SIGN FACE TO BE 2.4m UNLESS OTHERWISE STATED IN THE TRAFFIC SIGNS SCHEDULE.
4) NEW SIGN POSTS SHALL NOT PROTRUDE ABOVE THE TOP OF THE SIGN UNLESS SUPPORTING A LIGHT UNIT, IN WHICH CASE THE PROTRUSION SHALL BE KEPT TO THE MINIMUM REQUIRED TO SUPPORT THE LIGHT UNIT.
5) ALL SIGNS TO BE IN ACCORDANCE WITH THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2016.
6) ALL DIAGRAM NUMBERS REFER TO THE TRAFFIC SIGNS REGULATIONS AND GENERAL DIRECTIONS 2016.
7) CONCRETE FOUNDATIONS TO BE CLASS ST4.
8) ALL SIGN/POLE DETAILS TO COMPLY WITH THE CURRENT RULES AND REGULATIONS PROVIDED BY THE DfT AND SHOULD BE MANUFACTURED AS PER DRAWING.
9) SIGN FACES WITHIN THE DRAWING ARE SHOWN IN THE DIRECTION THEY ARE TO FACE.
10) CONTRACTOR TO LIAISE WITH AMEY FOR ALL ELECTRICAL WORKS AND ILLUMINATION REQUIREMENTS.
11) REFER TO APPENDIX 1/12 FOR TRAFFIC SIGNS SPECIFICATION.

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REV	DESCRIPTION OF CHANGE	DATE
D	DRA UPDATED	30/08/23
C	DEANSGATE BUS STOP REMOVED, ENSIGN BOLLARDS ADDED	03/08/23
B	AMENDMENTS TO SIGNS	10/05/23
A	FOR TENDER	06/04/23

PROJECT TITLE
MANCHESTER CITY COUNCIL
ATF CITY CENTRE SCHEME
DEANSGATE/WHITWORTH ST W

DRAWING TITLE
TRAFFIC SIGNS

SHEET 1 OF 4

SIZE	SCALE	DATE	DRAWN	CHECKED	APPROVED
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THESE HAZARDS ARE SITE WIDE

Viewport 1

Viewport 2

Viewport 3

TRAFFORD STREET
DEANSGATE
TONMAN STREET
LIVERPOOL ROAD
GREAT BRIDGEWATER STREET
CENTURY STREET

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SHEET 2 OF 4

SIZE	SCALE	DATE	DRAWN	CHECKED	APPROVED
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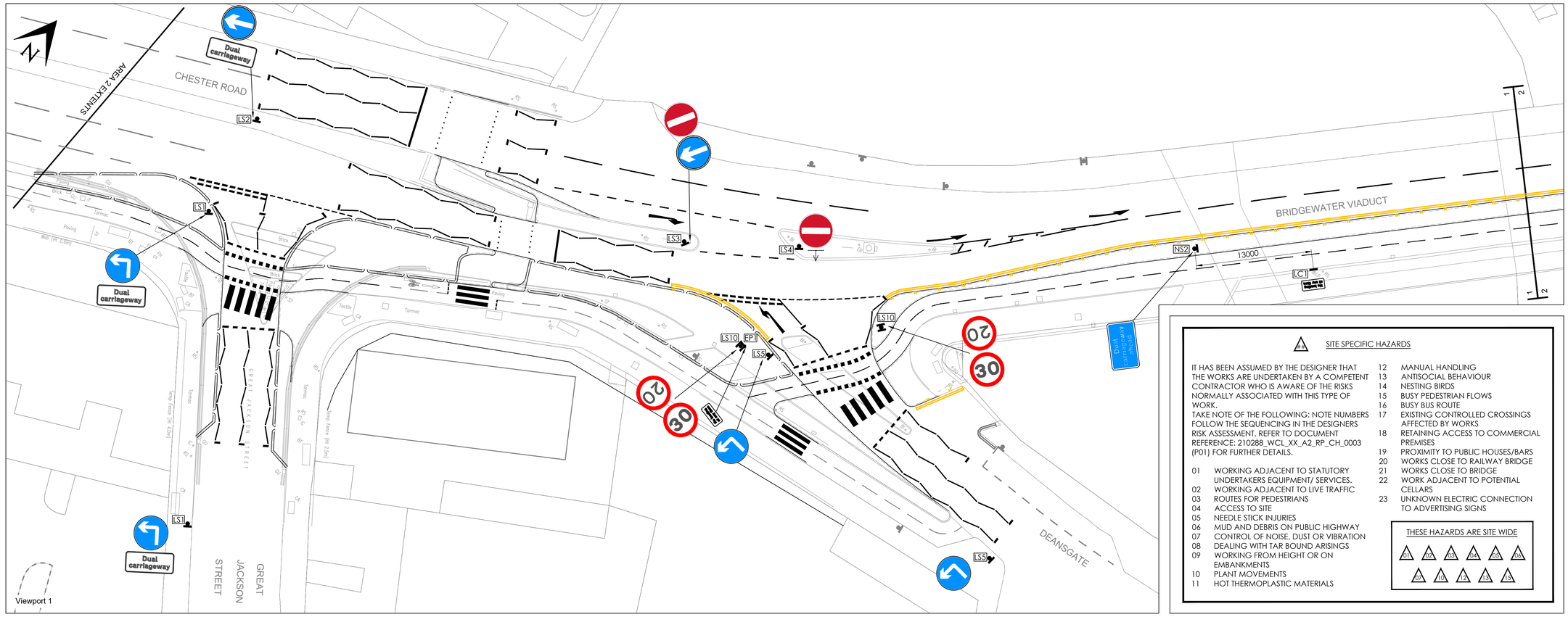
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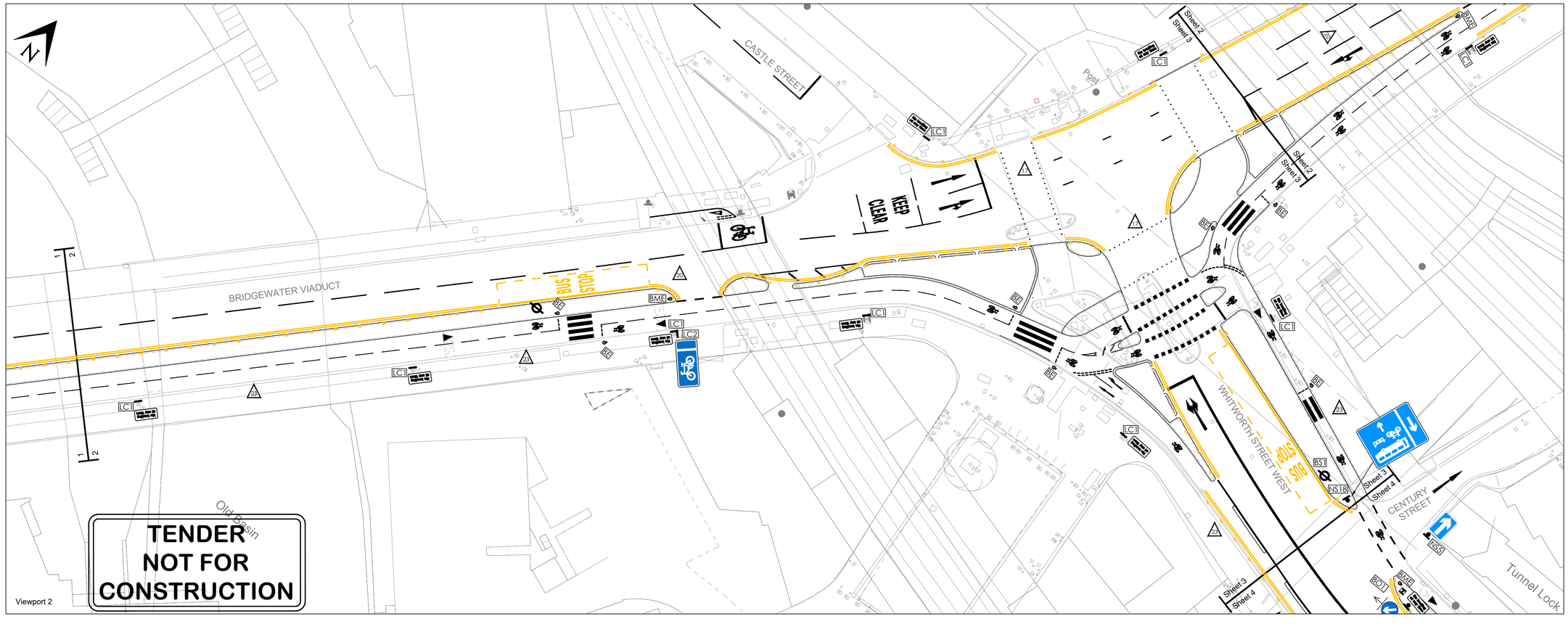
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01	02	03	04	05	06
07	10	13	15	16	

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PROJECT TITLE
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SHEET 3 OF 4

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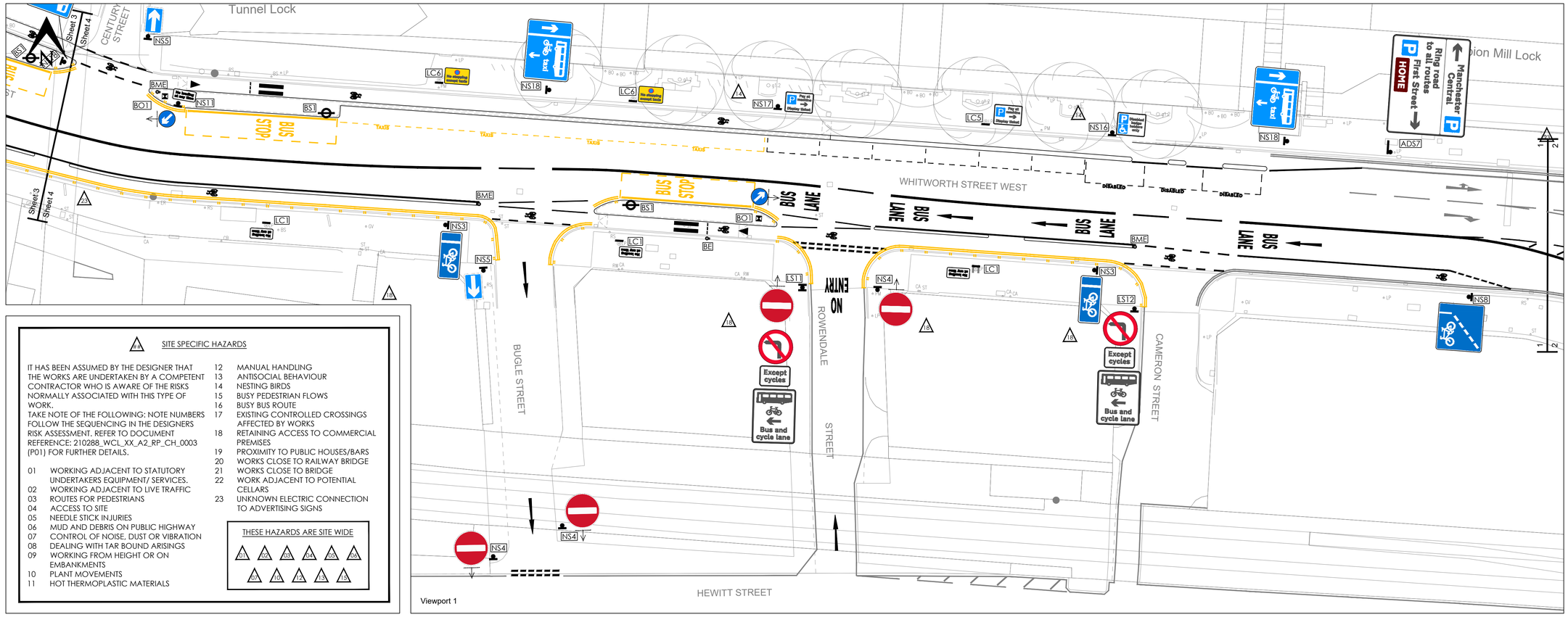
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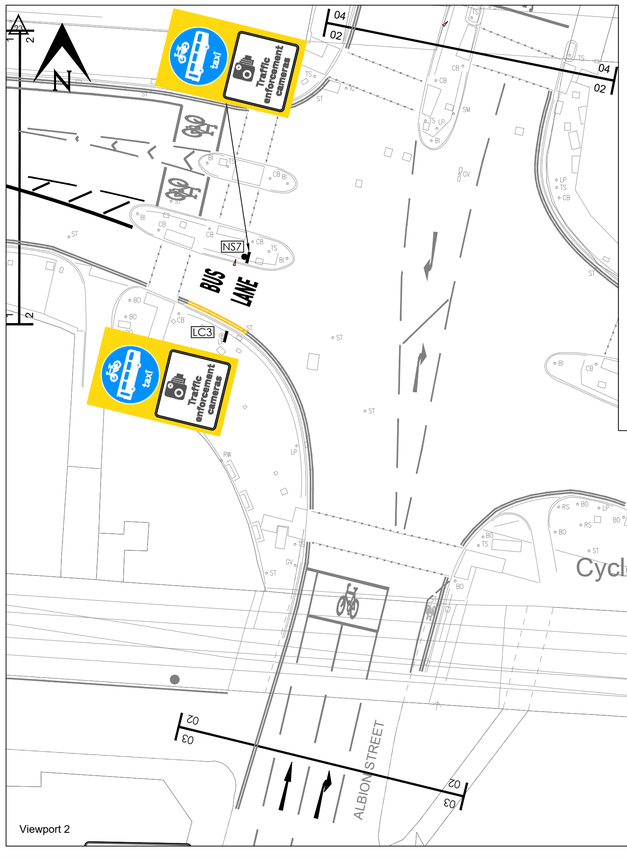


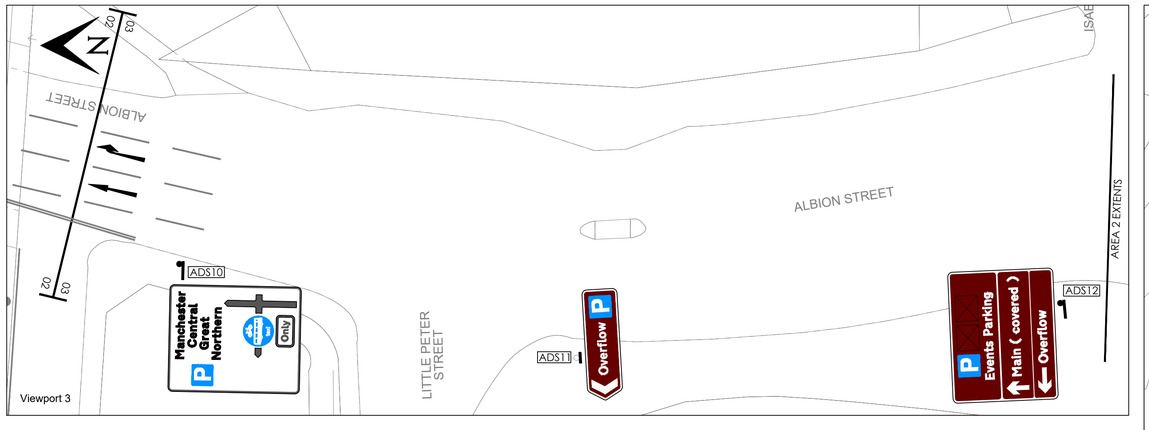
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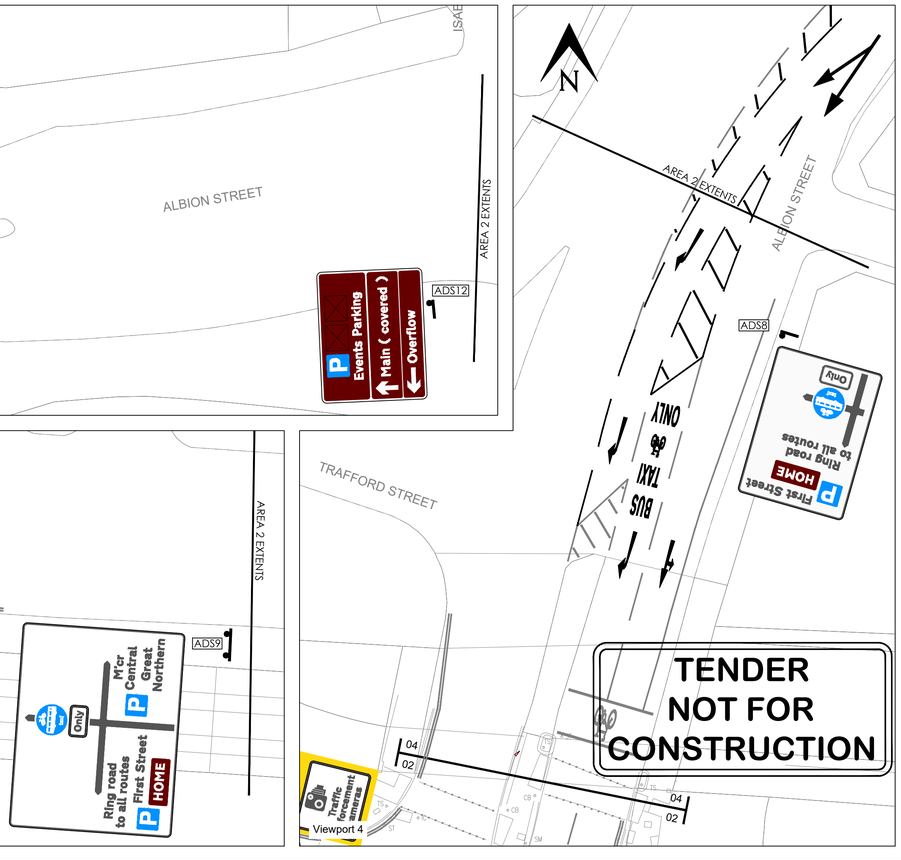
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SHEET 4 OF 4

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Appendix B Committed Developments

Transport Assessment

Viadux Plot 2A, Plot 2B, Manchester

Salboy Central Ltd

SLR Project No.: VN232690

12 November 2024

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
Baseline						
Plot 9a, First Street 132600/FO/2021	Erection of a nine-storey building with rooftop plant and basement comprising office accommodation (Use Class E(c)) with ancillary facilities for occupiers including roof top terrace, winter gardens, gym/ yoga studio, basement car parking (26 spaces) and cycle parking (130 spaces) landscaping and other associated works.	14 April 2022	1	378	Under Construction Construction commenced 11 October 2022	Q2 2024
Plot 10b, First Street (House of Social) 136170/FO/2023	Erection of 14-storey building comprising purpose-built student accommodation (PBSA) (Sui Generis) and ground floor Food Hall (Sui Generis Use), and other associated works including external amenity spaces, public realm, secure cycle parking, access and servicing arrangements (Plot 10B).	1 June 2023	2	389	Under Construction Construction commenced 14 August 2023	Q3 2026
First Street South (Square Gardens) 125573/FO/2019	Construction of four buildings of heights varying from 10 storeys to 45 storeys together comprising Co-living bedspaces (use class sui generis) and associated amenity facilities, with ground floor commercial units (Use classes A3 (Café / Restaurant and D2 (Gym)), private amenity space and public realm comprising hard and soft landscaping, car parking and cycle facilities and other associated works.	9 March 2021	3	481	Under Construction	Q2 2025

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
Metropolitan University Science and Engineering Building 125799/FO/2019	Demolition of existing John Dalton West Building and associated structures, and erection of a new 7 storey education building (Use Class D1) for the Faculty of Science and Engineering (comprising teaching and research spaces, academic offices, social learning areas, catering/kitchen facilities and an energy centre), physical connections to and external refurbishment of the John Dalton Tower, hard and soft landscaping works, car and cycle parking and associated works.	12 March 2020	4	677	Project Complete	N/A
Great Jackson Plot F (Contour) 132199/FO/2021	Full planning permission for the demolition of existing structures and the erection of two 51-storey residential buildings (Use Class C3) across two phases, including residential amenity facilities, 01 July 2022 11. 310 Under construction Tower F1: Q4 2027 basement car parking, landscaping and public realm, servicing and access arrangements, highways alterations, and associated works.	1 July 2022	5	422	Under Construction	Tower F1: Q4 2027 Tower F2: Q4 2028
Havelock 129081/FO/2021	Partial demolition and reconfiguration of 70 Great Bridgewater Street to create a new office building (Use Class E), including the replacement of building facades, a 2-storey rooftop extension and 23 April 2021 5. 400 Under construction Q1 2024 alterations to the internal layout including the infilling of the central atrium, servicing and cycle parking, access and associated works.	23 April 2021	6	183	Under Construction	Q4 2024

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
Barclay House 118033/P3OPA/2017	Notification for Prior Approval for a Proposed Change of Use of building (excluding basement) from Office Use (Class B1 (a)) to a provide 90 no. residential apartments (Use Class C3)	31 Jan 2018	7	315	Under Construction	Q2 2024
Viadux One and Two 115871/FO/2017	Erection of a 40 storey building to form 375 residential apartments (Use Class C3a) and the erection of a 14 storey building for form offices (Use Class B1) (31,756 sqm) together with ground floor commercial space (Use Class A1, A3 or A4) (1010 sqm) with associated enclosed service yard, public realm including staircase and lift to connect with viaduct, car and le parking, landscaping and other associated works	27 July 2017	8	0	Phase 1 Complete Phase 2 Office implemented however stalled	Phase 1 Project Complete
Staycity Deansgate 125804/FO/2019	Demolition of existing buildings and structures on-site and erection of 22-storey building comprising apart-hotel (Use Class C1) with flexible commercial uses at ground floor and within existing viaduct arches (Use Class A1, A2, A3, A4, D2), access, landscaping and other associated works.	26 June 2020	9	153	Under Construction	Q3 2025
The Blade and Three60 126668/FO/2020	Full planning permission for the erection of two 52-storey residential buildings (Use Class C3) each incorporating a podium accommodating residential amenity facilities and ground floor and first floor commercial units (Use Classes A1, A2, A3, or D1), private and public basement car parking, landscaping	3 August 2020	10	530	Project Complete	N/A N/A

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
	and a public park, servicing and access arrangements, highways improvements, and associated works (Phases A, B, and D as defined on Drawing Reference: 10292Z1SHPG000PL00 B5D802 and 10292Z1SHPG000PLB1B5D801). Outline planning permission (with all matters reserved) for an educational facility (Use Class D1) (Phase C as defined on Drawing References: 10292Z1SHPG000PL00B5D802 and 10292Z1SHPG000PLB1B5D801).					
Town Hall refurbishment 119106/LO/2018	LISTED BUILDING CONSENT for Internal and external intrusive surveys to the Grade I Listed Old Town Hall in order to inform the Our Town Hall Project to include intrusive survey works within Albert Square adjacent to the Grade II Listed Frasers Statue, the Grade II Listed Jubilee Fountain, the Grade II Listed Brights Statue, the Grade I Listed Albert Memorial, the Grade II Listed Heywoods Statue and the Grade II Listed Gladstones statue.	18 April 2018	11	529	Under Construction	Q1 2026
St Michael's 114664/FO/2016	Partial demolition of existing buildings. Development up to 171.6m AOD comprising residential (Use Class C3), offices (Use Class B1), hotels (Use Class C1), place of worship (Use Class D1) and leisure/food and drink uses (Classes A1, A3, A4, A5 and D2). Creation of public spaces and new public realm, provision	20 June 2018	12	411	Under Construction	Q2 2025

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
	of basement car parking, highway alterations, landscaping and associated works.					
Number 3 Circle Square 134288/FO/2022	Erection of 15 storey building comprising office space (Use Class E(g)(i)) and ancillary flexible commercial uses (Use Class E), rooftop terrace, highway works, landscaping, and other associated works.	4 November 2022	13	834	Under Construction	Q2 2025
Deansgate South 129406/FO/2021	Full planning permission for a 28-storey purpose built student accommodation building (Sui Generis).	4 June 2021	14	314	Under Construction	Q2 2025
One City Road 128002/FO/2020	Full Planning Application for demolition of existing structures on site, erection of one 11-storey plus basement office building (Use Class E) and one 14-storey plus basement office building with ground floor commercial unit (Use Class E), landscaping, highways works, and associated works.	26 January 2021	15	304	Demolition has taken place; however, details of physical construction are not yet known.	Uknown
One Medlock Street 135419/FO/2022	Demolition of the existing hotel building and structures and redevelopment of the site to comprise two separate buildings: one 13 storey office building with commercial unit (Use Class E) at ground floor; a part 11, part 38 storey building comprising 1,014 purpose built student accommodation units (sui generis) with ground floor office/community uses (Use Class E, F1 or F2); and associated ancillary	7 November 2023	16	402	Not on site. Pre commencement conditions discharged. Conversations for a JV to	Permission lapses 7 November 2026 - check

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
	internal and external amenity space, hard and soft landscaping and associated highway works.				forward fund the project currently underway.	
Cumulative						
St George's Place 123261/FO/2019	Erection of a part 8 and 9 storey building located on Arundel Street and Worsley Street, a part 11 and 23-storey residential building located on the Mancunian Way and refurbishment and conversion of the existing DOT Building to form 355 residential apartments in total (Use Class C3a) together with commercial uses (Use Classes A1, A2, B1, D1 and D2) along with associated car parking, cycle parking, access, landscaping and other associated work.	23 August 2019	17	802	Implemented but no evidence of above ground works progressing	Unknown
Vision 111003/FO/2016/C1	Demolition of existing building at 10 - 12 Whitworth Street West, and redevelopment of the site for a new 35 storey residential building (Use Class C3) comprising 327 apartments, with associated residents' services, facilities and communal spaces: servicing, highways, public realm and associated works.	11 April 2026	18	86	Construction has commenced but has evidently stalled with the company reportedly going into receivership.	Uknown
Plot 10a, First Street 136043/FO/2023	Erection of 13-storey office building (Use Class E) with associated public realm, external roof terraces (floors 11 and 12) and other associated works including external amenity spaces (Plot 10A).	13 May 2023	19	377	Consent granted, no works currently underway	unknown

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
Park Place (Plot G, Great Jackson Street) 129273/FO/2021	Demolition of existing structures and the construction of two residential buildings of 56 storeys (plus basement and roof plant) (Use class C3), with ground floor commercial uses (Use class E), car parking, cycle provision, landscaping, access and other associated Works.	Resolution to grant secured at planning committee 29 July 2021. Decision Notice never issued.	20	428	Implemented however meaningful works yet to commence	Unknown
Bridgewater House Great Jackson Street 134694/FO/2022	Restoration and conversion of the Grade II listed Bridgewater House and redevelopment of car park area to create a ground plus three storey apartment building; overall providing 53 residential units, including landscaping to courtyard, bike storage and associated works.	6 February 2021	21	400	Not on site.	Permission lapses 6 February 2026
Great Northern Warehouse 135565/FO/2022	Demolition of the central atrium, car park ramps, and other elements, retention of casino (Sui Generis), bowling alley and existing food and drink unit (Use Class E) alongside to allow refurbishment, restoration and re-use of the Great Northern Car Park to provide office accommodation, retail and/or food and drink uses (Use Class E) and ancillary areas; and Refurbishment, restoration, partial demolition and erection of a 3-storey extension to Deansgate Terrace (northern section) and Goods Yard Entrance to form office, retail and / or food and drink use (Use Class E) and drinking establishments / hot food takeaway (Sui Generis), with associated public realm	Resolution to Grant secured at Planning Committee on 16 February 2023	22	136	Not on site.	Unknown

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
	works comprising the reconfiguration of Great Northern Square and the introduction of additional public realm with associated hard and soft landscaping, highways works, access and servicing facilities, rooftop plant and other associated works; and Partial demolition of the existing leisure box to erect three residential buildings (ground plus 16, 27 and 34 storeys) to provide 746 residential apartments (Use Class C3), reconfiguration of existing car parking together with the creation of office, retail and / or food and drink use (Use Class E), or Sui Generis (drinking establishments / hot food takeaway) at ground floor and level 3, hard and soft landscaping, together with highways works, access and servicing facilities, rooftop plant and other associated works; and, External alterations and restoration of Deansgate Terrace (southern section) to provide office, retail or food and drink use (Use Class E) or Sui Generis (drinking establishments / hot food takeaway / live music venue), along with delivery of associated public realm, highways works, plant, and associated works					
Upper and Lower Campfield 138377/FO/2023	Refurbishment and restoration of the former Upper and Lower Campfield Market Halls to create a workspace development comprising offices, a technology incubator hub, recording studios and events space (Use Class E(g) / Sui Generis) with ancillary bar, cafe and events spaces; and retail unit (Use Class E(a));	7 March 2024	23	351	Not on site.	Permission lapses 7 March 2027

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
	together with associated cycle parking at Castlefield House.					
Metropolitan University Library 138424/FO/2023	Part demolition and redevelopment of existing library building to form new library (Use Class F1) including a new 13 storey building, external amenity spaces, public realm, access and servicing arrangements and other associated works.	16 February 2024	24	783	Not on site.	Permission lapses 16 February 2027
Student Castle 121252/FO/2018	Partial reconfiguration of existing Multi-Storey Car Park (MSCP), including temporary access off Great Marlborough Street, construction of 5 storey external ramps, closure of vehicular access to top level; and construction of new facade; and partial demolition of the surplus part of existing MSCP and erection of a part 55, part 11 storey, part 4 storey mixed-use building comprising 853 Purpose Built Student Accommodation units (sui generis), ancillary amenity space and support facilities, and 786sqm (GIA) SME incubator workspace (Use Class B1), including public realm improvements and other associated work.	23 July 2021	25	640	Not on site. We understand this consent is to be implemented imminently.	Unknown

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
Great Jackson Street - Crown Street Plot D (The Lighthouse) 137227/FO/2023	Full planning permission for the demolition of existing structures and the erection of one residential building to a height of 71 storeys and comprising 642 homes (Use Class C3) with food and drink uses (Use Class E) and / or drinking establishment (Sui Generis); and one office building (Use Class E); with basement car parking, cycle parking, landscaping and public realm, servicing and access arrangements, highways alterations and associated works.	Resolution to grant secured at planning committee 30th August 2024	26	531	Not on site.	N/A
Great Jackson Street Plot C and E (The Green) 137226/FO/2023	Full planning permission for the demolition of existing structures and the phased construction of four residential buildings ranging from 47 to 51 storeys to provide a mix of and providing 1,746 homes (Use Class C3), flexible commercial, leisure, food and drink uses (all Use Class E) and / or drinking establishment (Sui Generis), basement car parking, cycle parking, landscaping and public realm,	Resolution to grant secured at planning committee 30th August 2024	27	440	Not on site.	N/A

Application Reference	Description of Development Proposals	Date Approved	Map No.	Distance from Site (m)	Status as of October 2024	Estimated Completion Date
	servicing and access arrangements, highways alterations and associated works.					
Apex Tower 133172/FO/2022	Erection of a 26 storey residential tower for 72 apartments (Use Class C3) with associated car parking, cycle parking, servicing, and associated landscaping works	N/A	28	129	Application submitted - awaiting determination.	N/A
Plot 11 Block C First Street South 138831/FO/2023	Erection of a ground plus 28-storey building plus plant level, comprising purpose-built student accommodation (PBSA -Sui Generis) and other associated works including public realm, secure cycle parking and servicing arrangements	N/A	29	568	Application submitted – determination imminent.	N/A
Hotspur House 138805/FO/2023	Partial demolition of the former Hotspur Press Complex (Medlock Mill) and redevelopment of the site to provide Purpose Built Student Accommodation (Sui Generis Use Class) above ground floor commercial or community uses (Use Classes F(e), F2(a)(b) and E(b)),within a part 4/5-storey and part 37-storey building plus roof parapet level above basement level, associated ancillary internal and external amenity space, public realm (including a new public square), hard and soft landscaping and associated highway works.	Resolution to Grant secured at Planning Committee on 30 May 2024	30	318	Not on site.	N/A


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Appendix C Scheme Plans

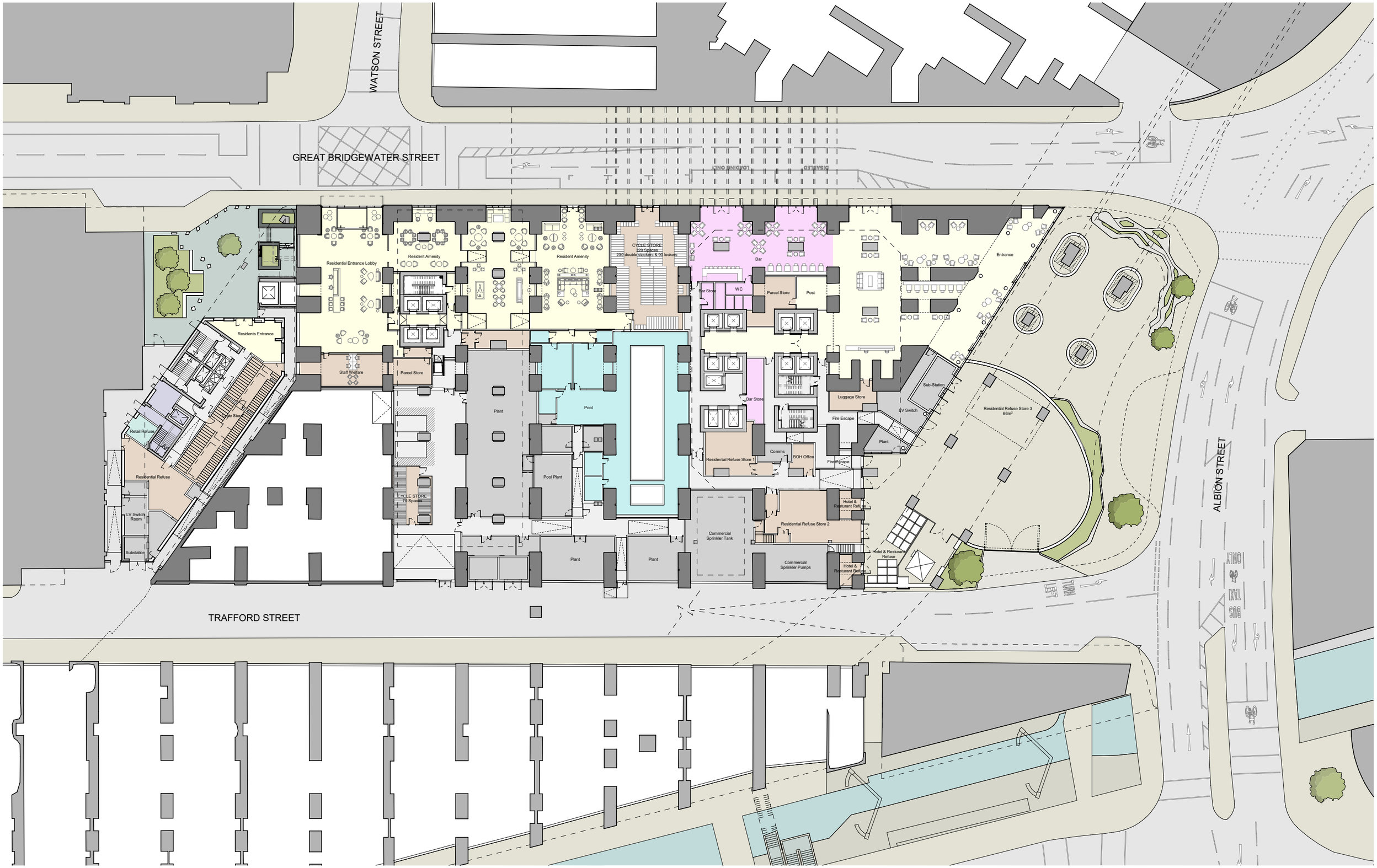
Transport Assessment

Viadux Plot 2A, Plot 2B, Manchester

Salboy Central Ltd

SLR Project No.: VN232690

12 November 2024



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SCALE 1:250

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NORTH

Rev	Date	Description
P01	26-03-2024	Planning Issue
P02	31-10-2024	Planning Issue - Hotel & Residential

Project Title
Viadux Phase 2 - Plot 2a & 2b
Manchester

Status
PLANNING

Drawing Title
Viadux Phase 2 - Plot 2a & 2b
Masterplan
Ground Floor Plan

Job No
10448

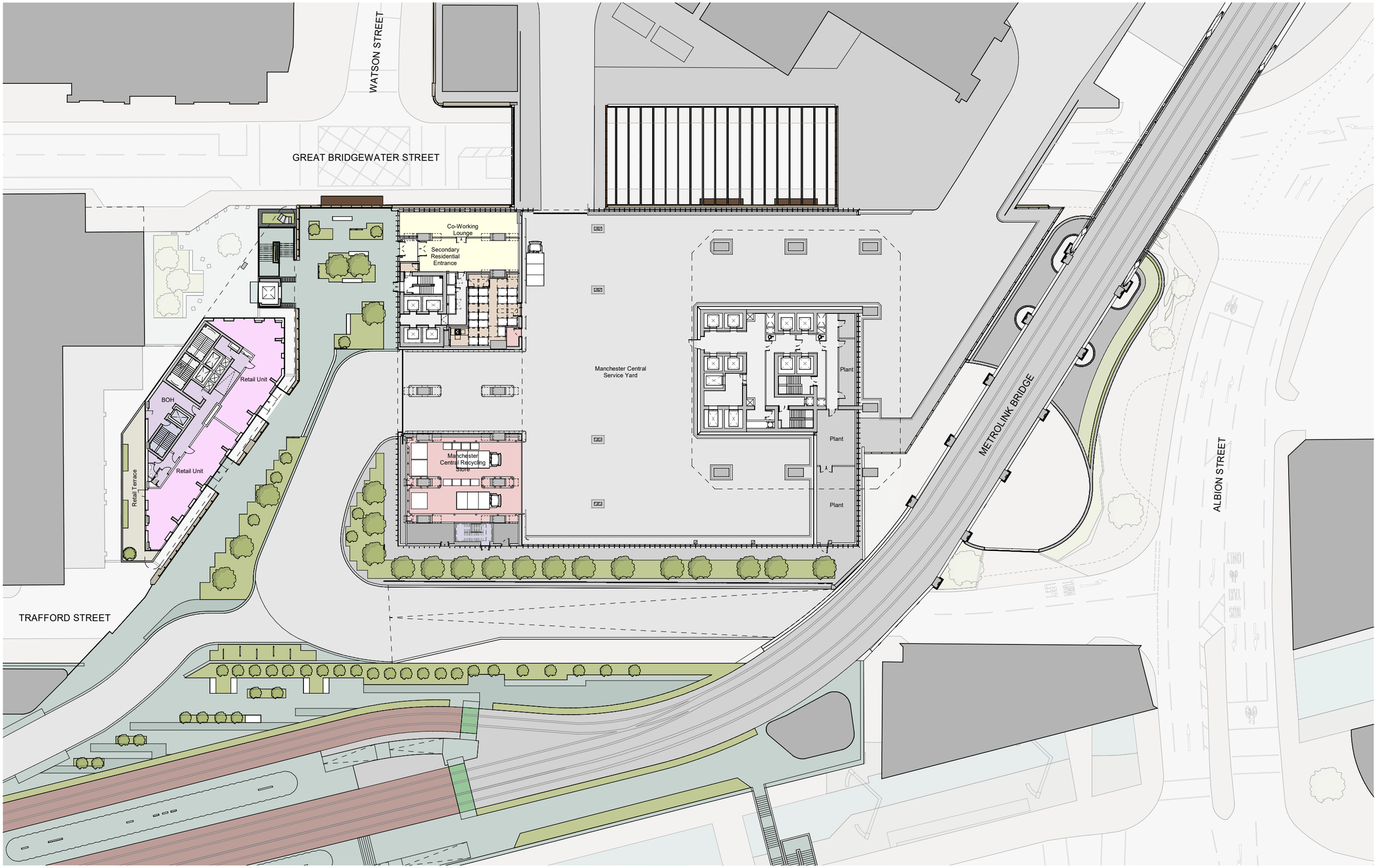
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10448-SHP-ZZ- A-B5D9-G100-PL-00-001

Revision
P02

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SCALE 1:250

0 5m 10m 15m 25m

NORTH

Rev.	Date	Description
P01	26-03-2024	Planning Issue
P02	31-10-2024	Planning Issue - Hotel & Residential

Project Title
Viadux Phase 2 - Plot 2a & 2b
Manchester

Status
PLANNING

Drawing Title
Viadux Phase 2 - Plot 2a & 2b
Masterplan
Level 01 Plan

Job No
10448

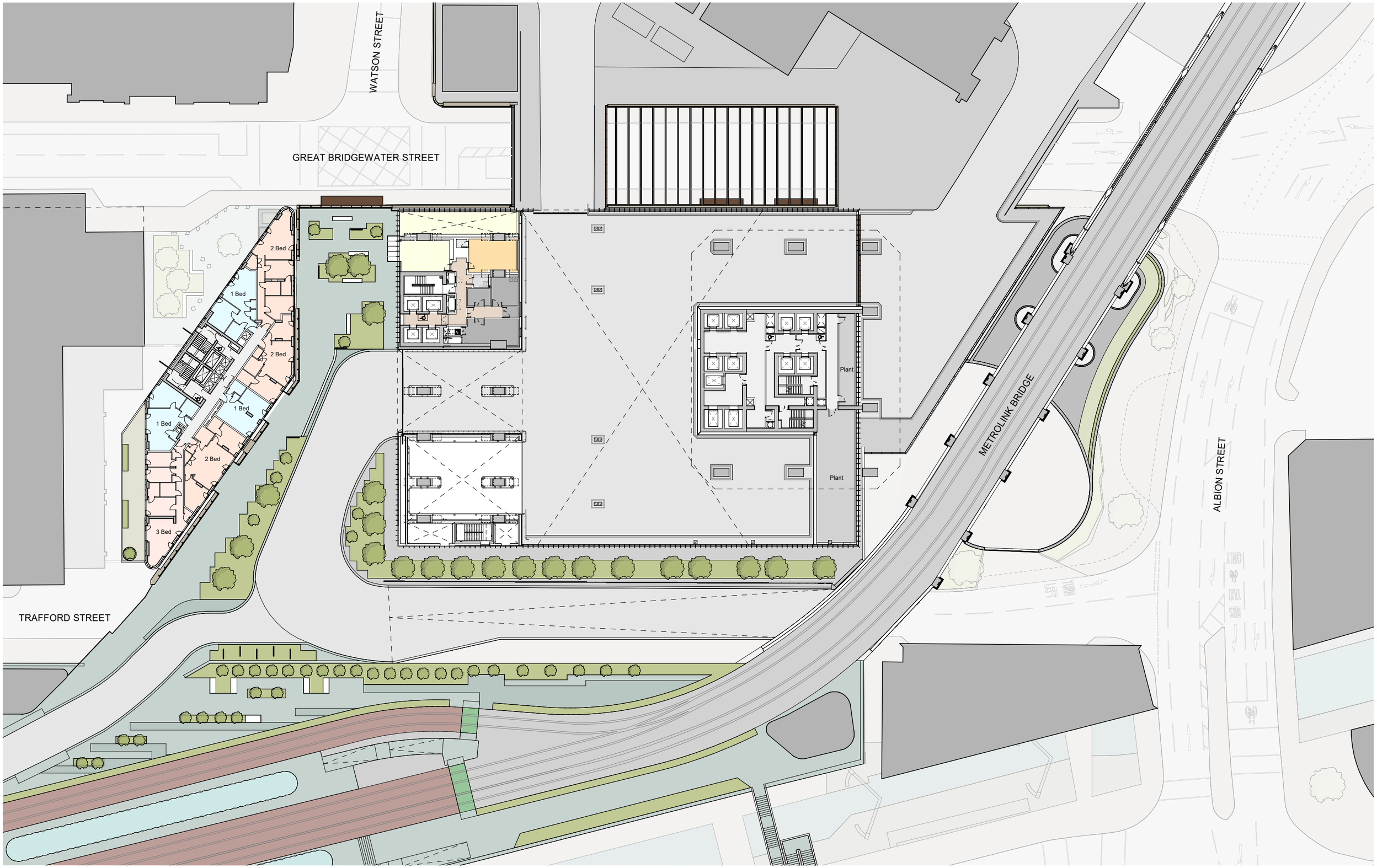
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SCALE 1:250

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NORTH

Rev.	Date	Description
P01	26-03-2024	Planning Issue
P02	31-10-2024	Planning Issue - Hotel & Residential

Project Title
Viadux Phase 2 - Plot 2a & 2b
Manchester

Status
PLANNING

Drawing Title
Viadux Phase 2 - Plot 2a & 2b
Masterplan
Level 02 Plan

Job No
10448

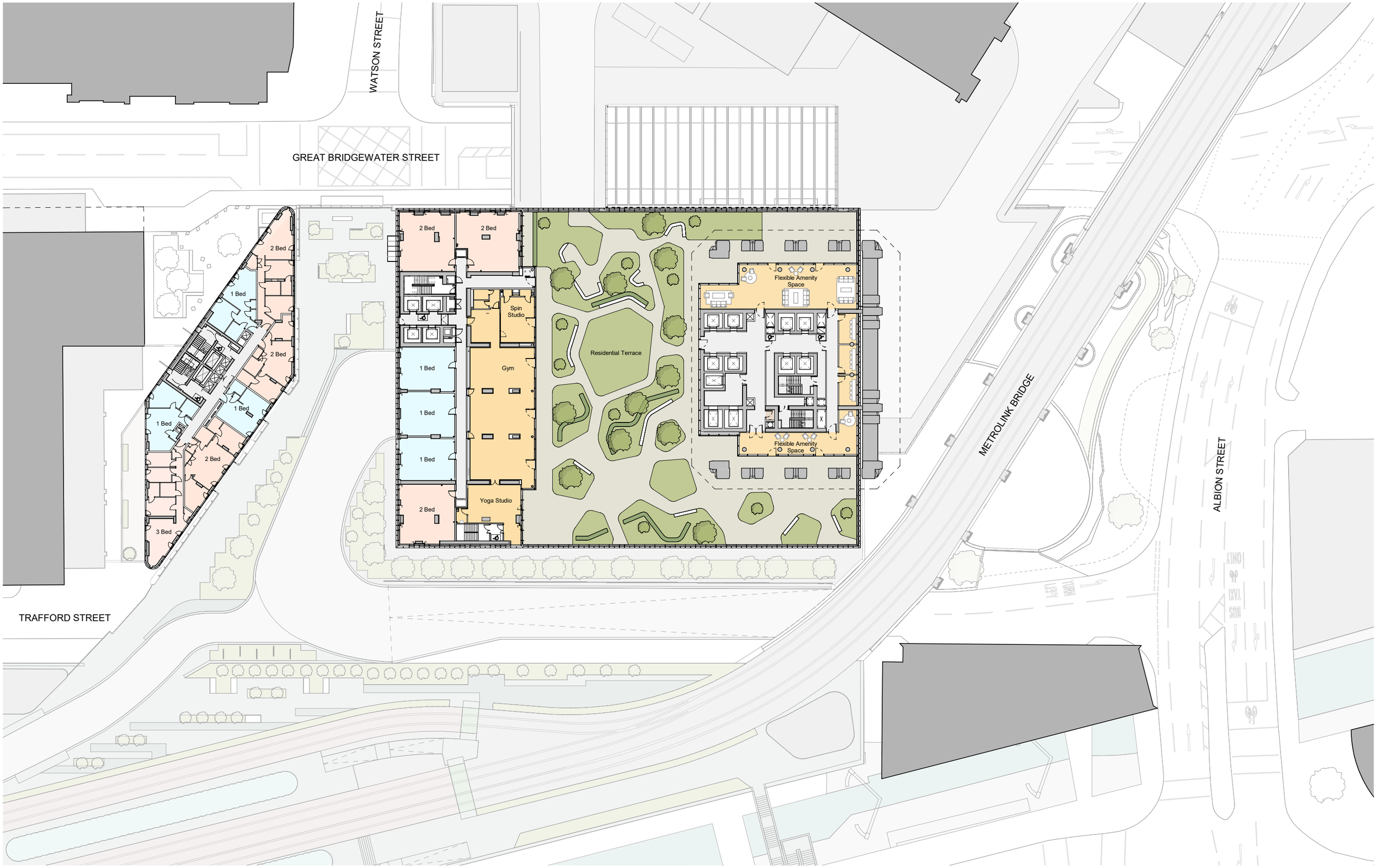
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SHP Drawing Code
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SCALE 1:250

0 5m 10m 15m 25m

NORTH

Rev	Date	Description
P01	26-03-2024	Planning Issue
P02	31-10-2024	Planning Issue - Hotel & Residential

Project Title
Viadux Phase 2 - Plot 2a & 2b
Manchester

Status
PLANNING

Drawing Title
Viadux Phase 2 - Plot 2a & 2b
Masterplan
Level 03 Plan

Job No
10448

Scale
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Appendix D Cycle Suvrey

Transport Assessment

Viadux Plot 2A, Plot 2B, Manchester

Salboy Central Ltd

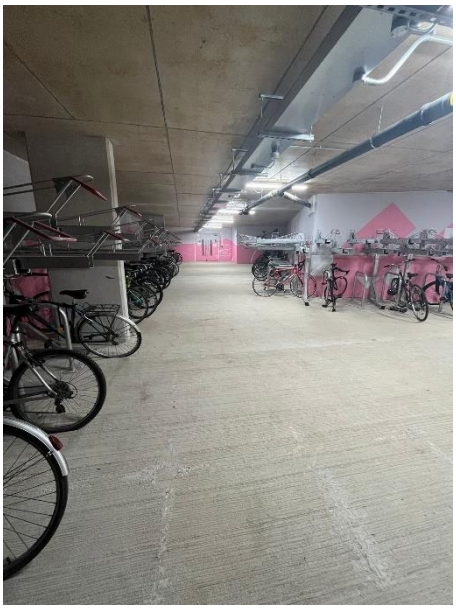
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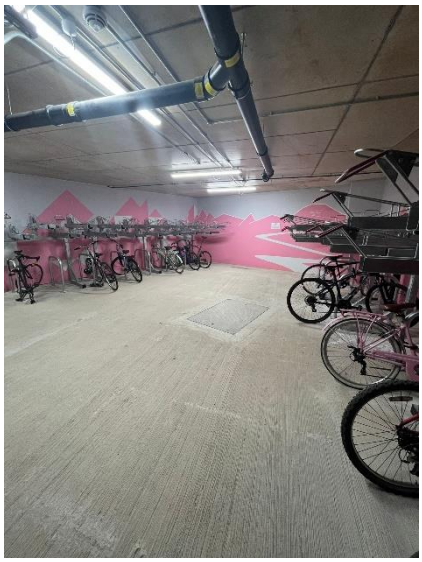
14 November 2024

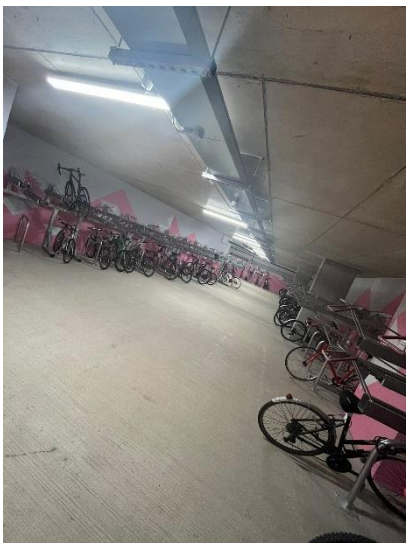
We have conducted research into the LOCAL developments in Greater Manchester. The following statistics are accurate as of 7th March 2023.

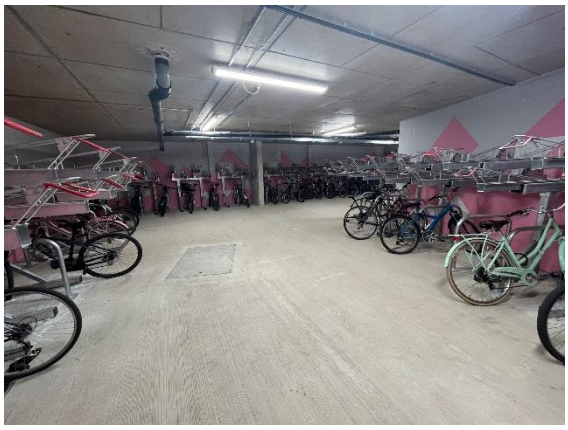
- **Blackfriars**

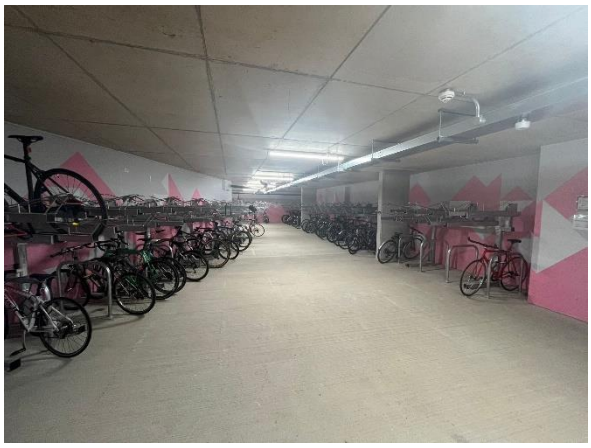
Total number of units	384
Total occupied units	365
Total number of bike spaces	154
Total number of vacant bike spaces	110
Percentage of vacant bike spaces against total	71%
Percentage of occupied units against total	95%









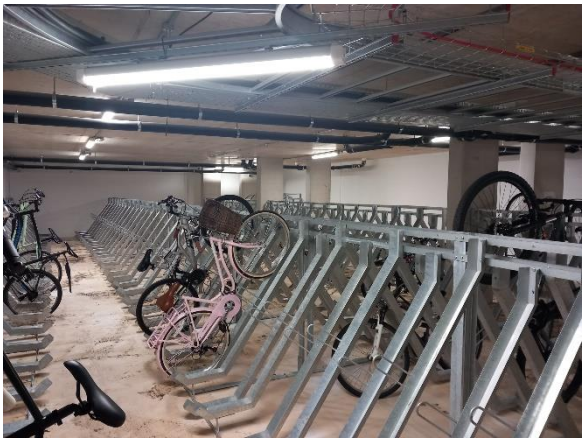


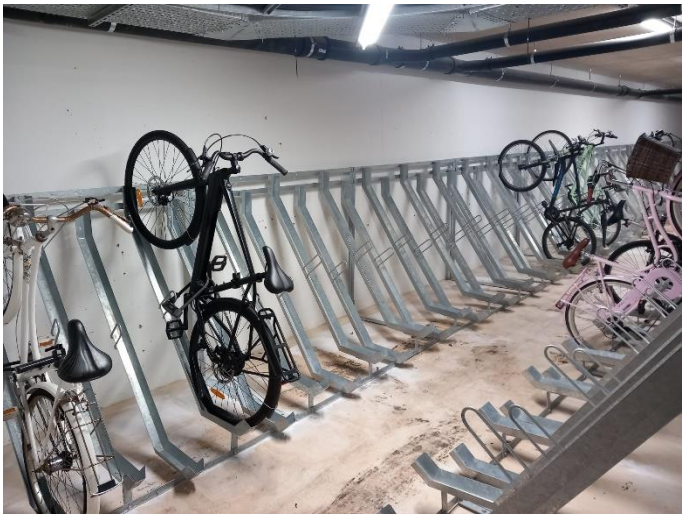
- Burlington Square

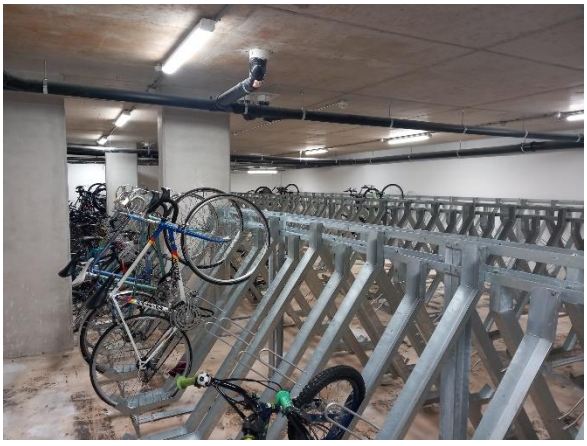
Total number of units	273
Total occupied units	267
Total number of bike spaces	278
Total number of vacant bike spaces	245
Percentage of vacant bike spaces against total	88%
Percentage of occupied units against total	98%











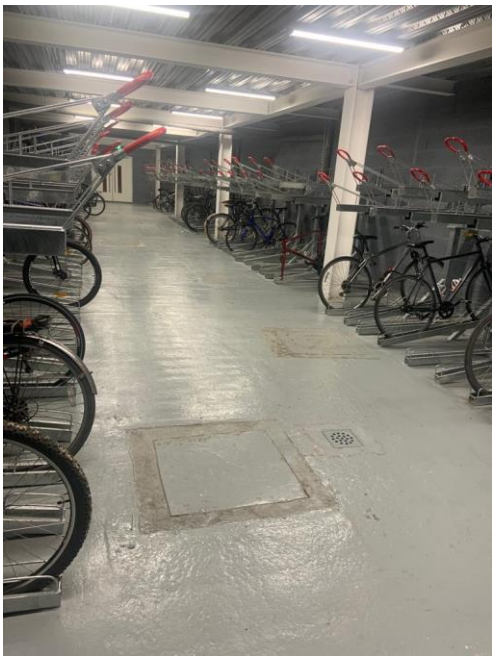
- Transmission House

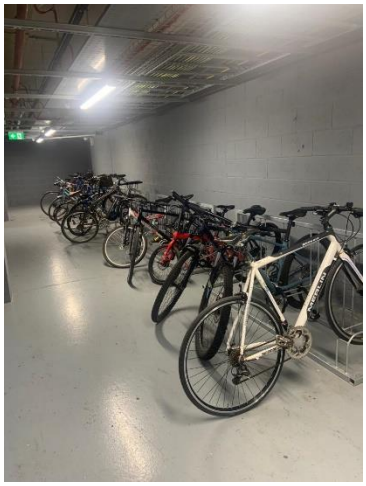
Total number of units	183
Total occupied units	175
Total number of bike spaces	171
Total number of vacant bike spaces	153
Percentage of vacant bike spaces against total	89%
Percentage of occupied units against total	96%



- Crescent

Total number of units	392
Total occupied units	392
Total number of bike spaces	233
Total number of vacant bike spaces	180
Percentage of vacant bike spaces against total	77%
Percentage of occupied units against total	100%





- Queen Street

Total number of units	219
Total occupied units	173
Total number of bike spaces	208
Total number of vacant bike spaces	204
Percentage of vacant bike spaces against total	98%
Percentage of occupied units against total	79%





Appendix E TRICS Interrogation

Transport Assessment

Viadux Plot 2A, Plot 2B, Manchester

Salboy Central Ltd

SLR Project No.: VN232690

14 November 2024

SLR Consulting Oxford Street Manchester Licence No: 529504

Calculation Reference: AUDIT-529504-241013-1000

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
Category : C - FLATS PRIVATELY OWNED
MULTI-MODAL TAXIS

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: No of Dwellings
Actual Range: 46 to 194 (units:)
Range Selected by User: 6 to 493 (units:)

Parking Spaces Range: All Surveys Included

Parking Spaces per Dwelling Range: All Surveys Included

Bedrooms per Dwelling Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/16 to 16/11/23

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	2 days
Tuesday	1 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	3 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaking using machines.

Selected Locations:

Town Centre	3

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Built-Up Zone	3

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	3 days - Selected
Servicing vehicles Excluded	X days - Selected

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
MULTI-MODAL TAXIS
Calculation factor: 1 DWELLS
Estimated TRIP rate value per 452 DWELLS shown in shaded columns
BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	3	133	0.007	3.390	3	133	0.007	3.390	3	133	0.014	6.780
08:00 - 09:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
09:00 - 10:00	3	133	0.005	2.260	3	133	0.007	3.390	3	133	0.012	5.650
10:00 - 11:00	3	133	0.007	3.390	3	133	0.007	3.390	3	133	0.014	6.780
11:00 - 12:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
12:00 - 13:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
13:00 - 14:00	3	133	0.003	1.130	3	133	0.003	1.130	3	133	0.006	2.260
14:00 - 15:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
15:00 - 16:00	3	133	0.003	1.130	3	133	0.003	1.130	3	133	0.006	2.260
16:00 - 17:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
17:00 - 18:00	3	133	0.003	1.130	3	133	0.003	1.130	3	133	0.006	2.260
18:00 - 19:00	3	133	0.003	1.130	3	133	0.003	1.130	3	133	0.006	2.260
19:00 - 20:00	2	177	0.006	2.554	2	177	0.006	2.554	2	177	0.012	5.108
20:00 - 21:00	2	177	0.003	1.277	2	177	0.000	0.000	2	177	0.003	1.277
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.040	17.391			0.039	17.244			0.079	34.635

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
MULTI-MODAL OGVS
Calculation factor: 1 DWELLS
Estimated TRIP rate value per 452 DWELLS shown in shaded columns
BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
08:00 - 09:00	3	133	0.003	1.130	3	133	0.003	1.130	3	133	0.006	2.260
09:00 - 10:00	3	133	0.005	2.260	3	133	0.005	2.260	3	133	0.010	4.520
10:00 - 11:00	3	133	0.003	1.130	3	133	0.003	1.130	3	133	0.006	2.260
11:00 - 12:00	3	133	0.003	1.130	3	133	0.003	1.130	3	133	0.006	2.260
12:00 - 13:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
13:00 - 14:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
14:00 - 15:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
15:00 - 16:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
16:00 - 17:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
17:00 - 18:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
18:00 - 19:00	3	133	0.000	0.000	3	133	0.000	0.000	3	133	0.000	0.000
19:00 - 20:00	2	177	0.000	0.000	2	177	0.000	0.000	2	177	0.000	0.000
20:00 - 21:00	2	177	0.000	0.000	2	177	0.000	0.000	2	177	0.000	0.000
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.014	5.650			0.014	5.650			0.028	11.300

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
MULTI-MODAL TOTAL PEOPLE
Calculation factor: 1 DWELLS
Estimated TRIP rate value per 452 DWELLS shown in shaded columns
BOLD print indicates peak (busiest) period
Total People to Total Vehicles ratio (all time periods and directions): 4.79

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	3	133	0.055	24.860	3	133	0.393	177.410	3	133	0.448	202.270
08:00 - 09:00	3	133	0.083	37.290	3	133	0.515	232.780	3	133	0.598	270.070
09:00 - 10:00	3	133	0.087	39.550	3	133	0.180	81.360	3	133	0.267	120.910
10:00 - 11:00	3	133	0.113	50.850	3	133	0.142	64.410	3	133	0.255	115.260
11:00 - 12:00	3	133	0.087	39.550	3	133	0.122	55.370	3	133	0.209	94.920
12:00 - 13:00	3	133	0.098	44.070	3	133	0.095	42.940	3	133	0.193	87.010
13:00 - 14:00	3	133	0.105	47.460	3	133	0.128	57.630	3	133	0.233	105.090
14:00 - 15:00	3	133	0.107	48.590	3	133	0.100	45.200	3	133	0.207	93.790
15:00 - 16:00	3	133	0.165	74.580	3	133	0.130	58.760	3	133	0.295	133.340
16:00 - 17:00	3	133	0.203	91.530	3	133	0.105	47.460	3	133	0.308	138.990
17:00 - 18:00	3	133	0.253	114.130	3	133	0.110	49.720	3	133	0.363	163.850
18:00 - 19:00	3	133	0.438	197.750	3	133	0.172	77.970	3	133	0.610	275.720
19:00 - 20:00	2	177	0.322	145.559	2	177	0.113	51.073	2	177	0.435	196.632
20:00 - 21:00	2	177	0.153	68.949	2	177	0.090	40.859	2	177	0.243	109.808
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			2.269	1024.718			2.395	1082.942			4.664	2107.660

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

TRIP RATE for Land Use 03 - RESIDENTIAL/C - FLATS PRIVATELY OWNED
MULTI-MODAL LGVS
Calculation factor: 1 DWELLS
Estimated TRIP rate value per 452 DWELLS shown in shaded columns
BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate	No. Days	Ave. DWELLS	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00												
07:00 - 08:00	3	133	0.005	2.260	3	133	0.005	2.260	3	133	0.010	4.520
08:00 - 09:00	3	133	0.007	3.390	3	133	0.005	2.260	3	133	0.012	5.650
09:00 - 10:00	3	133	0.010	4.520	3	133	0.013	5.650	3	133	0.023	10.170
10:00 - 11:00	3	133	0.010	4.520	3	133	0.003	1.130	3	133	0.013	5.650
11:00 - 12:00	3	133	0.003	1.130	3	133	0.010	4.520	3	133	0.013	5.650
12:00 - 13:00	3	133	0.013	5.650	3	133	0.010	4.520	3	133	0.023	10.170
13:00 - 14:00	3	133	0.007	3.390	3	133	0.010	4.520	3	133	0.017	7.910
14:00 - 15:00	3	133	0.000	0.000	3	133	0.003	1.130	3	133	0.003	1.130
15:00 - 16:00	3	133	0.013	5.650	3	133	0.010	4.520	3	133	0.023	10.170
16:00 - 17:00	3	133	0.010	4.520	3	133	0.013	5.650	3	133	0.023	10.170
17:00 - 18:00	3	133	0.003	1.130	3	133	0.003	1.130	3	133	0.006	2.260
18:00 - 19:00	3	133	0.003	1.130	3	133	0.005	2.260	3	133	0.008	3.390
19:00 - 20:00	2	177	0.006	2.554	2	177	0.006	2.554	2	177	0.012	5.108
20:00 - 21:00	2	177	0.000	0.000	2	177	0.000	0.000	2	177	0.000	0.000
21:00 - 22:00												
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.090	39.844			0.096	42.104			0.186	81.948

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Calculation Reference: AUDIT-529504-241013-1026

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 06 - HOTEL, FOOD & DRINK
Category : A - HOTELS
MULTI-MODAL

Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter:	Number of bedrooms
Actual Range:	24 to 297 (units:)
Range Selected by User:	4 to 349 (units:)

Parking Spaces Range: All Surveys Included

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/16 to 14/09/23

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Monday	2 days
Tuesday	1 days
Wednesday	1 days
Thursday	1 days
Friday	1 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count	6 days
Directional ATC Count	0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaking using machines.

Selected Locations:

Town Centre	6

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Built-Up Zone	4
High Street	2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	5 days - Selected
Servicing vehicles Excluded	1 days - Selected

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/A - HOTELS
MULTI-MODAL TOTAL PEOPLE
Calculation factor: 1 BEDRMS
Estimated TRIP rate value per 160 BEDRMS shown in shaded columns
BOLD print indicates peak (busiest) period
Total People to Total Vehicles ratio (all time periods and directions): 5.40

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	226	0.042	6.741	2	226	0.060	9.579	2	226	0.102	16.320
07:00 - 08:00	6	124	0.101	16.086	6	124	0.154	24.665	6	124	0.255	40.751
08:00 - 09:00	6	124	0.157	25.094	6	124	0.316	50.617	6	124	0.473	75.711
09:00 - 10:00	6	124	0.119	19.088	6	124	0.331	52.976	6	124	0.450	72.064
10:00 - 11:00	6	124	0.131	21.019	6	124	0.371	59.410	6	124	0.502	80.429
11:00 - 12:00	6	124	0.178	28.525	6	124	0.217	34.745	6	124	0.395	63.270
12:00 - 13:00	6	124	0.158	25.308	6	124	0.201	32.172	6	124	0.359	57.480
13:00 - 14:00	6	124	0.233	37.319	6	124	0.196	31.314	6	124	0.429	68.633
14:00 - 15:00	6	124	0.223	35.603	6	124	0.194	31.099	6	124	0.417	66.702
15:00 - 16:00	6	124	0.197	31.528	6	124	0.170	27.239	6	124	0.367	58.767
16:00 - 17:00	6	124	0.249	39.893	6	124	0.208	33.244	6	124	0.457	73.137
17:00 - 18:00	6	124	0.282	45.040	6	124	0.225	36.032	6	124	0.507	81.072
18:00 - 19:00	6	124	0.261	41.823	6	124	0.273	43.753	6	124	0.534	85.576
19:00 - 20:00	6	124	0.210	33.673	6	124	0.197	31.528	6	124	0.407	65.201
20:00 - 21:00	6	124	0.276	44.182	6	124	0.145	23.164	6	124	0.421	67.346
21:00 - 22:00	6	124	0.214	34.316	6	124	0.122	19.517	6	124	0.336	53.833
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			3.031	485.238			3.380	541.054			6.411	1026.292

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/A - HOTELS
MULTI-MODAL PUBLIC TRANSPORT USERS
Calculation factor: 1 BEDRMS
Estimated TRIP rate value per 160 BEDRMS shown in shaded columns
BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	226	0.033	5.322	2	226	0.031	4.967	2	226	0.064	10.289
07:00 - 08:00	6	124	0.035	5.576	6	124	0.027	4.290	6	124	0.062	9.866
08:00 - 09:00	6	124	0.038	6.005	6	124	0.105	16.729	6	124	0.143	22.734
09:00 - 10:00	6	124	0.012	1.930	6	124	0.139	22.306	6	124	0.151	24.236
10:00 - 11:00	6	124	0.025	4.075	6	124	0.111	17.802	6	124	0.136	21.877
11:00 - 12:00	6	124	0.067	10.724	6	124	0.039	6.220	6	124	0.106	16.944
12:00 - 13:00	6	124	0.032	5.147	6	124	0.052	8.365	6	124	0.084	13.512
13:00 - 14:00	6	124	0.097	15.442	6	124	0.029	4.718	6	124	0.126	20.160
14:00 - 15:00	6	124	0.070	11.153	6	124	0.025	4.075	6	124	0.095	15.228
15:00 - 16:00	6	124	0.064	10.295	6	124	0.054	8.579	6	124	0.118	18.874
16:00 - 17:00	6	124	0.068	10.938	6	124	0.047	7.507	6	124	0.115	18.445
17:00 - 18:00	6	124	0.094	15.013	6	124	0.051	8.150	6	124	0.145	23.163
18:00 - 19:00	6	124	0.082	13.083	6	124	0.055	8.794	6	124	0.137	21.877
19:00 - 20:00	6	124	0.066	10.509	6	124	0.038	6.005	6	124	0.104	16.514
20:00 - 21:00	6	124	0.083	13.298	6	124	0.015	2.359	6	124	0.098	15.657
21:00 - 22:00	6	124	0.062	9.866	6	124	0.017	2.788	6	124	0.079	12.654
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.928	148.376			0.835	133.654			1.763	282.030

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/A - HOTELS
MULTI-MODAL TAXIS
Calculation factor: 1 BEDRMS
Estimated TRIP rate value per 160 BEDRMS shown in shaded columns
BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	226	0.011	1.774	2	226	0.011	1.774	2	226	0.022	3.548
07:00 - 08:00	6	124	0.017	2.788	6	124	0.017	2.788	6	124	0.034	5.576
08:00 - 09:00	6	124	0.008	1.287	6	124	0.008	1.287	6	124	0.016	2.574
09:00 - 10:00	6	124	0.011	1.716	6	124	0.011	1.716	6	124	0.022	3.432
10:00 - 11:00	6	124	0.009	1.501	6	124	0.009	1.501	6	124	0.018	3.002
11:00 - 12:00	6	124	0.003	0.429	6	124	0.003	0.429	6	124	0.006	0.858
12:00 - 13:00	6	124	0.009	1.501	6	124	0.009	1.501	6	124	0.018	3.002
13:00 - 14:00	6	124	0.016	2.574	6	124	0.016	2.574	6	124	0.032	5.148
14:00 - 15:00	6	124	0.017	2.788	6	124	0.017	2.788	6	124	0.034	5.576
15:00 - 16:00	6	124	0.013	2.145	6	124	0.013	2.145	6	124	0.026	4.290
16:00 - 17:00	6	124	0.017	2.788	6	124	0.017	2.788	6	124	0.034	5.576
17:00 - 18:00	6	124	0.011	1.716	6	124	0.011	1.716	6	124	0.022	3.432
18:00 - 19:00	6	124	0.017	2.788	6	124	0.017	2.788	6	124	0.034	5.576
19:00 - 20:00	6	124	0.009	1.501	6	124	0.009	1.501	6	124	0.018	3.002
20:00 - 21:00	6	124	0.008	1.287	6	124	0.008	1.287	6	124	0.016	2.574
21:00 - 22:00	6	124	0.011	1.716	6	124	0.011	1.716	6	124	0.022	3.432
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.187	30.299			0.187	30.299			0.374	60.598

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/A - HOTELS
MULTI-MODAL CYCLISTS
Calculation factor: 1 BEDRMS
Estimated TRIP rate value per 160 BEDRMS shown in shaded columns
BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	226	0.000	0.000	2	226	0.000	0.000	2	226	0.000	0.000
07:00 - 08:00	6	124	0.003	0.429	6	124	0.000	0.000	6	124	0.003	0.429
08:00 - 09:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
09:00 - 10:00	6	124	0.001	0.214	6	124	0.001	0.214	6	124	0.002	0.428
10:00 - 11:00	6	124	0.001	0.214	6	124	0.001	0.214	6	124	0.002	0.428
11:00 - 12:00	6	124	0.003	0.429	6	124	0.000	0.000	6	124	0.003	0.429
12:00 - 13:00	6	124	0.000	0.000	6	124	0.003	0.429	6	124	0.003	0.429
13:00 - 14:00	6	124	0.003	0.429	6	124	0.000	0.000	6	124	0.003	0.429
14:00 - 15:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
15:00 - 16:00	6	124	0.005	0.858	6	124	0.005	0.858	6	124	0.010	1.716
16:00 - 17:00	6	124	0.000	0.000	6	124	0.005	0.858	6	124	0.005	0.858
17:00 - 18:00	6	124	0.003	0.429	6	124	0.003	0.429	6	124	0.006	0.858
18:00 - 19:00	6	124	0.005	0.858	6	124	0.003	0.429	6	124	0.008	1.287
19:00 - 20:00	6	124	0.001	0.214	6	124	0.001	0.214	6	124	0.002	0.428
20:00 - 21:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
21:00 - 22:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.025	4.074			0.022	3.645			0.047	7.719

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/A - HOTELS
MULTI-MODAL OGVS
Calculation factor: 1 BEDRMS
Estimated TRIP rate value per 160 BEDRMS shown in shaded columns
BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	226	0.000	0.000	2	226	0.000	0.000	2	226	0.000	0.000
07:00 - 08:00	6	124	0.001	0.214	6	124	0.001	0.214	6	124	0.002	0.428
08:00 - 09:00	6	124	0.005	0.858	6	124	0.005	0.858	6	124	0.010	1.716
09:00 - 10:00	6	124	0.005	0.858	6	124	0.004	0.643	6	124	0.009	1.501
10:00 - 11:00	6	124	0.000	0.000	6	124	0.001	0.214	6	124	0.001	0.214
11:00 - 12:00	6	124	0.001	0.214	6	124	0.000	0.000	6	124	0.001	0.214
12:00 - 13:00	6	124	0.003	0.429	6	124	0.004	0.643	6	124	0.007	1.072
13:00 - 14:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
14:00 - 15:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
15:00 - 16:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
16:00 - 17:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
17:00 - 18:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
18:00 - 19:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
19:00 - 20:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
20:00 - 21:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
21:00 - 22:00	6	124	0.000	0.000	6	124	0.000	0.000	6	124	0.000	0.000
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.015	2.573			0.015	2.572			0.030	5.145

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

TRIP RATE for Land Use 06 - HOTEL, FOOD & DRINK/A - HOTELS
MULTI-MODAL LGVS
Calculation factor: 1 BEDRMS
Estimated TRIP rate value per 160 BEDRMS shown in shaded columns
BOLD print indicates peak (busiest) period

	ARRIVALS				DEPARTURES				TOTALS			
Time Range	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate	No. Days	Ave. BEDRMS	Trip Rate	Estimated Trip Rate
00:00 - 01:00												
01:00 - 02:00												
02:00 - 03:00												
03:00 - 04:00												
04:00 - 05:00												
05:00 - 06:00												
06:00 - 07:00	2	226	0.000	0.000	2	226	0.000	0.000	2	226	0.000	0.000
07:00 - 08:00	6	124	0.005	0.858	6	124	0.004	0.643	6	124	0.009	1.501
08:00 - 09:00	6	124	0.008	1.287	6	124	0.004	0.643	6	124	0.012	1.930
09:00 - 10:00	6	124	0.012	1.930	6	124	0.011	1.716	6	124	0.023	3.646
10:00 - 11:00	6	124	0.004	0.643	6	124	0.005	0.858	6	124	0.009	1.501
11:00 - 12:00	6	124	0.001	0.214	6	124	0.001	0.214	6	124	0.002	0.428
12:00 - 13:00	6	124	0.005	0.858	6	124	0.004	0.643	6	124	0.009	1.501
13:00 - 14:00	6	124	0.001	0.214	6	124	0.003	0.429	6	124	0.004	0.643
14:00 - 15:00	6	124	0.003	0.429	6	124	0.001	0.214	6	124	0.004	0.643
15:00 - 16:00	6	124	0.003	0.429	6	124	0.004	0.643	6	124	0.007	1.072
16:00 - 17:00	6	124	0.001	0.214	6	124	0.004	0.643	6	124	0.005	0.857
17:00 - 18:00	6	124	0.005	0.858	6	124	0.001	0.214	6	124	0.006	1.072
18:00 - 19:00	6	124	0.004	0.643	6	124	0.004	0.643	6	124	0.008	1.286
19:00 - 20:00	6	124	0.001	0.214	6	124	0.001	0.214	6	124	0.002	0.428
20:00 - 21:00	6	124	0.003	0.429	6	124	0.000	0.000	6	124	0.003	0.429
21:00 - 22:00	6	124	0.004	0.643	6	124	0.004	0.643	6	124	0.008	1.286
22:00 - 23:00												
23:00 - 24:00												
Total Rates:			0.060	9.863			0.051	8.360			0.111	18.223

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

*To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.*

Appendix F LINSIG Operational Outputs

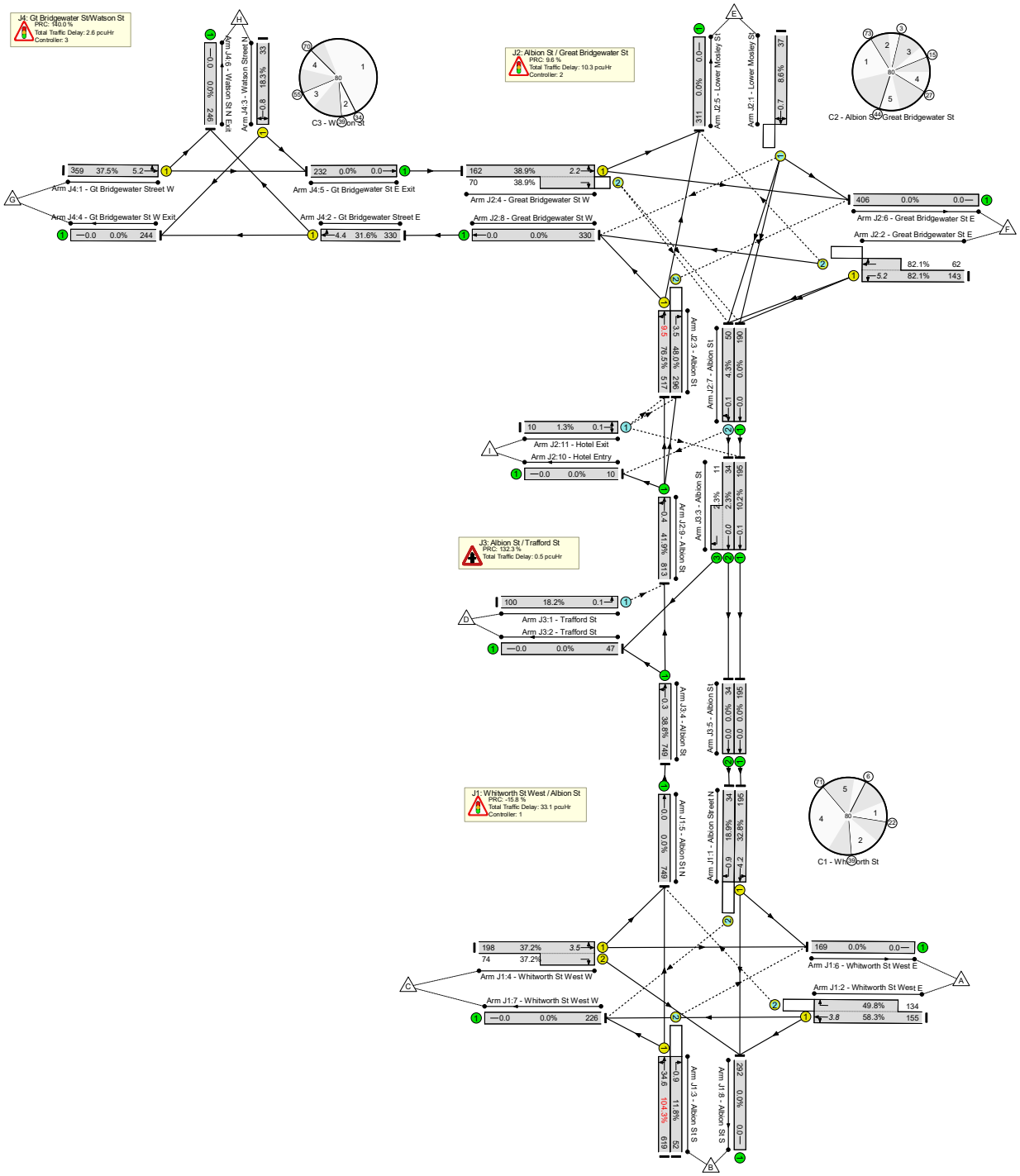
Transport Assessment

Viadux Plot 2A, Plot 2B, Manchester

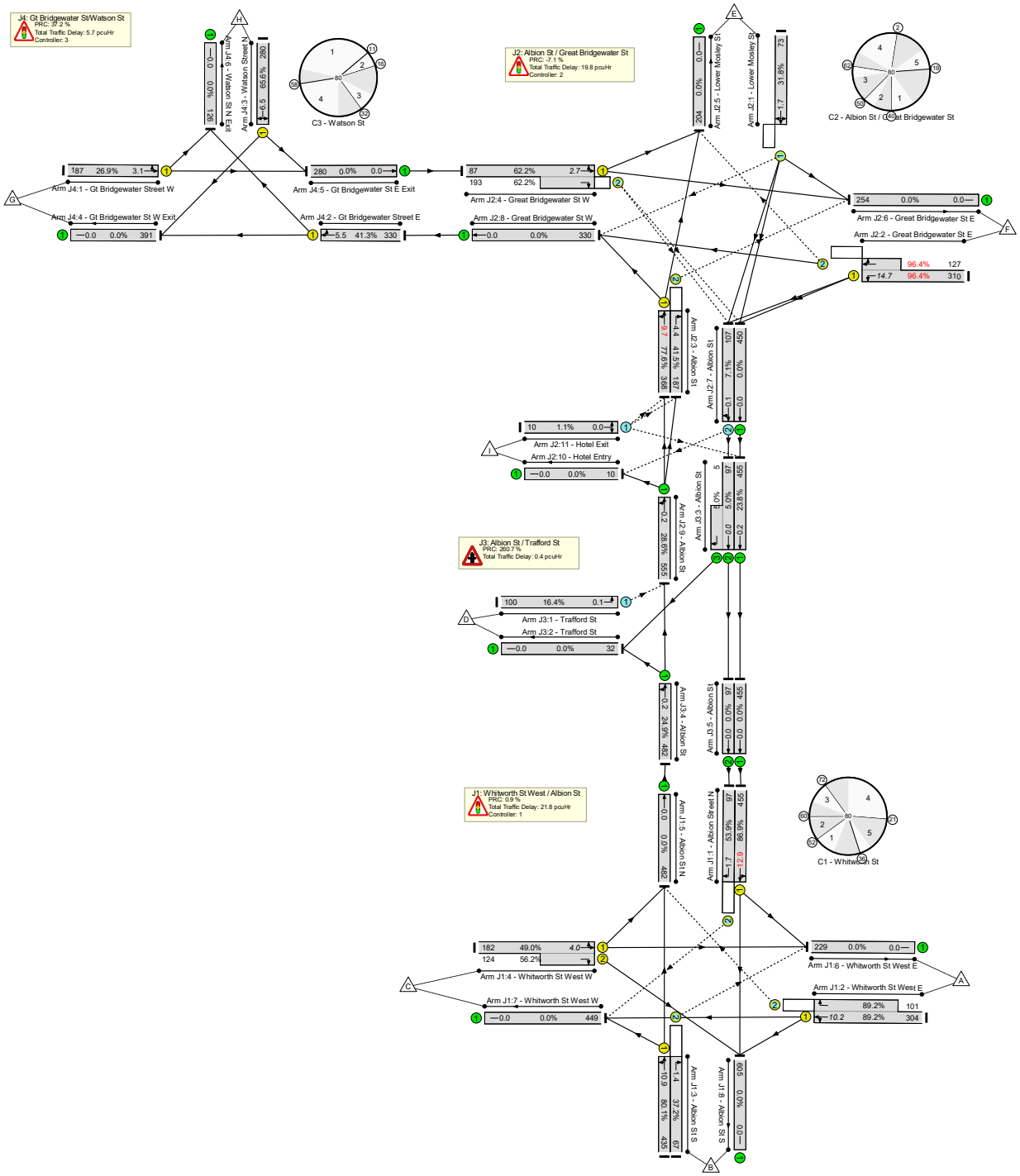
Salboy Central Ltd

SLR Project No.: VN232690

14 November 2024



Project Name	Manchester Central
Company	SLR
Address	
Author: JL / Date: 15 Oct 2024 / Scale: NTS	
Project Location	
Project Title	
Drawing Title	Improved Highway Layout AM Peak With Development
FileName	Albion St Network Improvement - Update v3a-hotel.lsg3x



Project Name

Manchester Central

Company

SLR

Address

Author	Date	Scale
JL	15 Oct 2024	NTS

Project Location

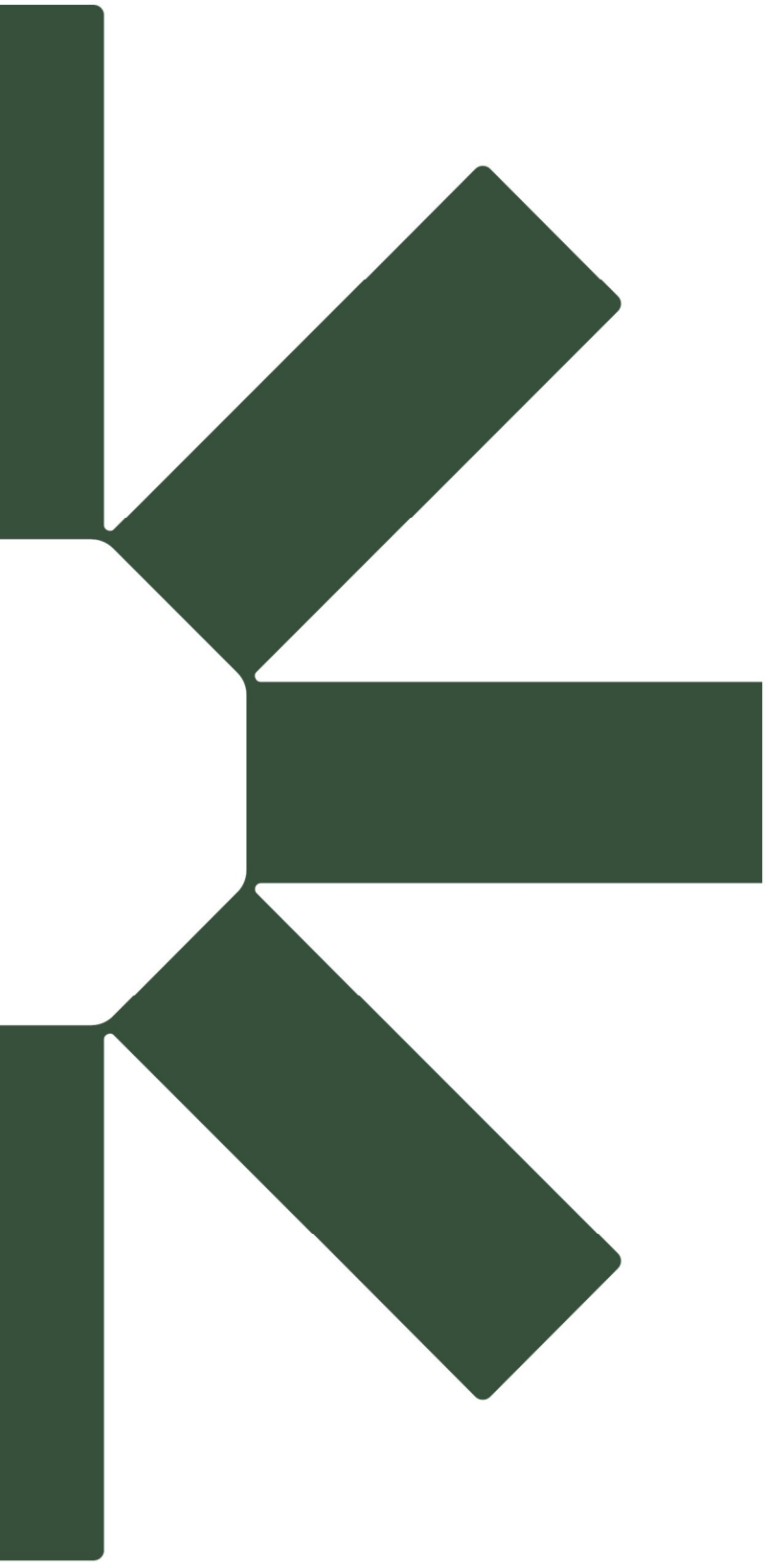
Project Title

Drawing Title

Improved Highway Layout
PM Peak With Development

FileName

Albion St Network Improvement - Update v3a-hotel.lsg3x



Making Sustainability Happen