

Project Land Bounded by Villiers Road and Penrhyn Road,
Knowsley Business Park, Knowsley

Technical Note

LPA Ref 22/00163/FUL

From Adrian Cole

Date 1 June 2022

Project No. 24158402

Response to Knowsley Highways

Background

1. This technical note responds to the comments made on 24 May 2022 by Transportation and Traffic Services at Knowsley Council. A copy of their response is provided at **Appendix A**.
2. In summary, the issues raised by Knowsley Council relate to parking provision and trip generation. Each of these points is dealt with below.

Parking Provision

Car Parking

3. Knowsley Council acknowledge that sufficient car parking provision is provided if the development were to be occupied solely by B8 uses. However the Council is concerned that there would be insufficient car parking provision if the development were to operate more akin to a B2 use.
4. At this stage, the end user of the development is not known and it is considered unlikely that it would be used entirely for B2 uses. Nevertheless, based upon the Council's SPD, the maximum number of car parking spaces required for 9,941 m² gfa of exclusive B2 use would be 220. Illustrative Drawing 6982-025 Rev B, attached at **Appendix B**, shows that it would be possible to achieve the maximum number of spaces required by the SPD.
5. The tracking analyses attached at **Appendix C**, also demonstrate that it would be possible for 16.5 metre HGVs to effectively access the proposed loading doors and level access doors with the illustrative alternative layout.

Cycle Parking

6. Knowsley Council have requested the provision of more cycle parking, with 22 spaces required if the development were to be occupied entirely for B8 uses and 33 spaces required if the development were to be occupied entirely for B2 uses. Although considered unlikely that the development would be occupied exclusively by B2 uses, updated submission Drawing 6982-010 Rev J and illustrative Drawing 6982-025 Rev B at **Appendix B** nevertheless show that it would be possible to provide 34 cycle parking spaces (17 covered Sheffield stands), more than complying with Council's minimum requirements, regardless of the end user.

Motorcycle Parking

7. Knowsley Council have requested the provision of motorcycle parking, with 5 spaces required if the development were to be occupied entirely for B8 uses and 10 spaces required if the development were to be occupied entirely for B2 uses. Although considered unlikely that the development would be occupied exclusively by B2 uses, updated submission Drawing 6982-010 Rev J and illustrative Drawing 6982-025 Rev B at **Appendix B** nevertheless show that it would be possible to provide 10 motor cycle parking spaces, more than complying with the Council's requirements, regardless of the end user.

Trip Generation

8. The trip generation set out in the February 2022 Transport Assessment has adopted a widely accepted methodology. It seeks to establish the trip generation based upon the likely number of employees at the development and mode shares based upon the likely catchment of employees.
9. Nevertheless, in response to the comments raised by Knowsley Council, the trip generation has been revisited as follows:
 - For the B2 uses, the selection criteria have been modified to only include sites between 5,000 and 22,000 m² gfa
 - For the B8 uses, further sites have been included at the Council's request, albeit this does widen the selection criteria range to sites between 6,560 and 80,100 m² gfa
 - For both the B2 and B8 uses, the vehicle trip rates have been taken directly from the TRICS selections with no adjustments to mode shares or likely densities of occupation.
10. The revised TRICS data selections are attached at **Appendix D**.
11. Based upon the revised TRICS selections and assuming the same 30:70 B2:B8 split, **Table 1** compares the total vehicle trip generation presented in the TA with that resulting from adoption of the revised TRICS criteria.
12. As shown in **Table 1**, adoption of the revised TRICS selections would result in a higher level of vehicle trip generation at the development. Nevertheless, the increase is relatively small and would not be perceptible once trips are distributed to the surrounding highway network. Therefore, it is not considered necessary to carry out any off-site highway capacity assessments.

Conclusions

13. Based upon the above, it is clear that there is sufficient flexibility to amend the external ground floor layouts to provide car, cycle and motorcycle parking provision in compliance with the Council's SPD, regardless of the eventual split of uses between B2 and B8.
14. It is also clear that even if the development were to generate more vehicle trips than reported in the Transport Assessment, there would not be any noticeable impacts upon the surrounding highway network.

Next Steps

15. Knowsley Council are invited to comment upon the contents of this note to assist positive determination of the planning application.

Table 1: Comparison of 2-way Vehicle Trip Generation

Time Period	Transport Assessment (Table 5.8)	Revised TRICS Selection	Change
05:00-06:00	6	16	+10
06:00-07:00	10	15	+5
07:00-08:00	11	17	+6
08:00-09:00	15	27	+12
09:00-10:00	14	26	+12
10:00-11:00	10	24	+14
11:00-12:00	11	23	+12
12:00-13:00	12	28	+26
13:00-14:00	18	26	+8
14:00-15:00	11	28	+17
15:00-16:00	10	22	+12
16:00-17:00	12	25	+13
17:00-18:00	10	24	+14
18:00-19:00	7	13	+6
19:00-20:00	12	12	+0
20:00-21:00	7	8	+1
Daily Trips (16 hour)	176	335	+159

Appendix A: Knowsley Council Highway Observations Memo

Date:	24 th May 2022
To:	Mark Quinn
Planning App. No:	22/00163/FUL
Proposal:	ERECTION OF A INDUSTRIAL/COMMERCIAL BUILDING (USE CLASSES B2/B8 AND E (g) (iii)) INCLUDING MEZZANINE ANCILLARY OFFICE SPACE TOGETHER WITH THE CONSTRUCTION OF 2 NO. NEW VEHICULAR ACCESSES TO VILLIERS ROAD, SERVICE YARDS, CAR/CYCLE PARKING, LANDSCAPING AND OTHER ASSOCIATED WORKS.
Location:	Land Bounded By Villiers Road & Penrhyn Road , Knowsley Business Park, Knowsley

Highway Objection

It is noted that since the pre-application response was prepared, the scheme description has been broadened to include Class E (g) (iii) Light Industrial.

As advised at pre-application stage, to support the application, Highways would require more car parking within the site to cater for the potential staff demand which could be generated by a B2 and, following the amended description an E (g) iii use. Although the TA states that the site will predominantly be used for B8, if granted with unrestricted use, the alternative categories sought could be employed across the entire site unfettered and therefore the use with the greatest parking demand should be the determinant for the provision of parking spaces.

In similar applications, applicants have noted that a substantial reduction in HGV servicing would take place in those circumstances when B2, and E uses are predominant, which would free up a large part of the servicing area to provide additional staff car parking if it were required. It is possible that by providing alternative additional proposed parking arrangements, which could be enforced via planning condition, should certain circumstances be met, a highway objection could be dropped.

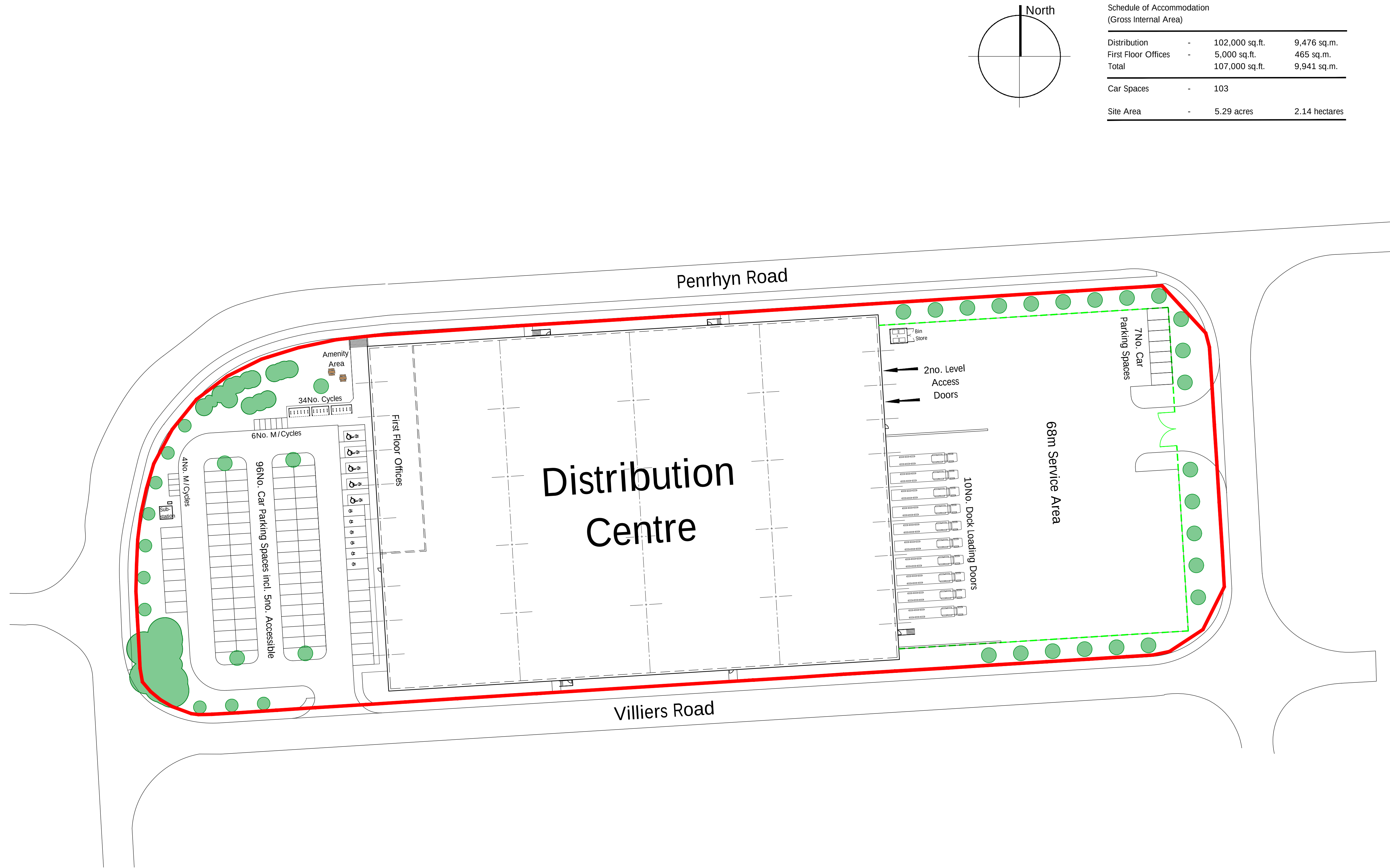
The TA argues that the car park demand can be based upon the census MTW data for a specified number of areas within Knowsley. Given that this is a commercial/industrial proposal, it is fair to assume that the staff will be drawn from a far wider area than just those areas selected, particularly from Liverpool, given the proximity, and which tend to have a higher car ownership level than the areas of Knowsley selected. Furthermore, these types of developments tend to run on a shift pattern which require many staff to travel at antisocial times of the day when public transport options are far more restricted. For these reasons, the car mode share is likely to be higher than that predicted by the data within the TA.

The trip generation exercise has been carried out based upon the same split of likely B2/B8 use, and using the MTW census data as discussed above. A sensitivity check should be carried out to check that should the site be used solely for the more intensive uses and a more robust mode split is employed, that trip generation levels do not reach the level where off site highway capacity assessment would be necessary. It is also noted that for the B2 interrogation, the selection criteria employed sites which are up to ten times that of the proposed site, which could affect the rates returned. The criteria should be restricted, so that ideally no sites of more than double the proposed

size are used. For the B8 use, only 2 sites have been included, and ways should be investigated to expand the number of sites included, which may require a longer time horizon to be specified.

Cycle parking has been set at 20 spaces, which the TA states is well in excess of the KMBC standards set out in the SPD Ensuring a Choice of Travel. The rates set out in the SPD are 1:450m² for B8 and 1:300 m² for B2, which at 9941 m² equate to 22 and 33 space respectively. Further cycle parking will therefore be required. Secure motorcycle parking will also be required at the appropriate rates.

Appendix B: Updated Architects Drawings



Schedule of Accommodation (Gross Internal Area)			
Distribution	-	102,000 sq.ft.	9,476 sq.m.
First Floor Offices	-	5,000 sq.ft.	465 sq.m.
Total		107,000 sq.ft.	9,941 sq.m.
Car Spaces	-	103	
Site Area	-	5.29 acres	2.14 hectares

notes

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J	1/6/22	Amenity area added	mjl
H	27/05/22	Cycle and M/cycles added	mjl
G	16/02/22	Red line boundary amended.	sih
F	14/02/22	Red line boundary added.	sih
E	10/02/22	Indicative trees revised in accordance with proposed landscape scheme.	sih
D	08/02/22	Titleblock amended. Substation indicated. Bin store added. External ramp omitted. Retaining wall added to service yard dock.	sih
C	01/02/22	Car parking amended.	sih
B	31/01/22	4no. car park spaces relocated to service yard. External fire escape stairs, office stair and ramp added.	sih
A	21/01/22	Building proportions reverted to original scheme.	sih

no.	date	revision	by
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Pembury Developments Ltd.

project

Penrhyn Road
Knowsley

drawing

Proposed Site Layout Plan

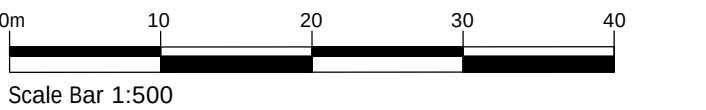
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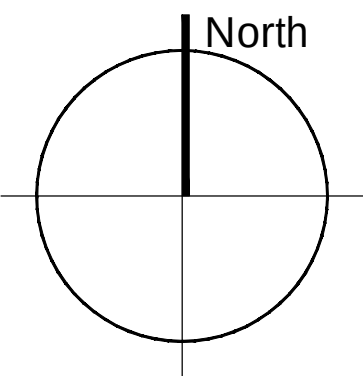
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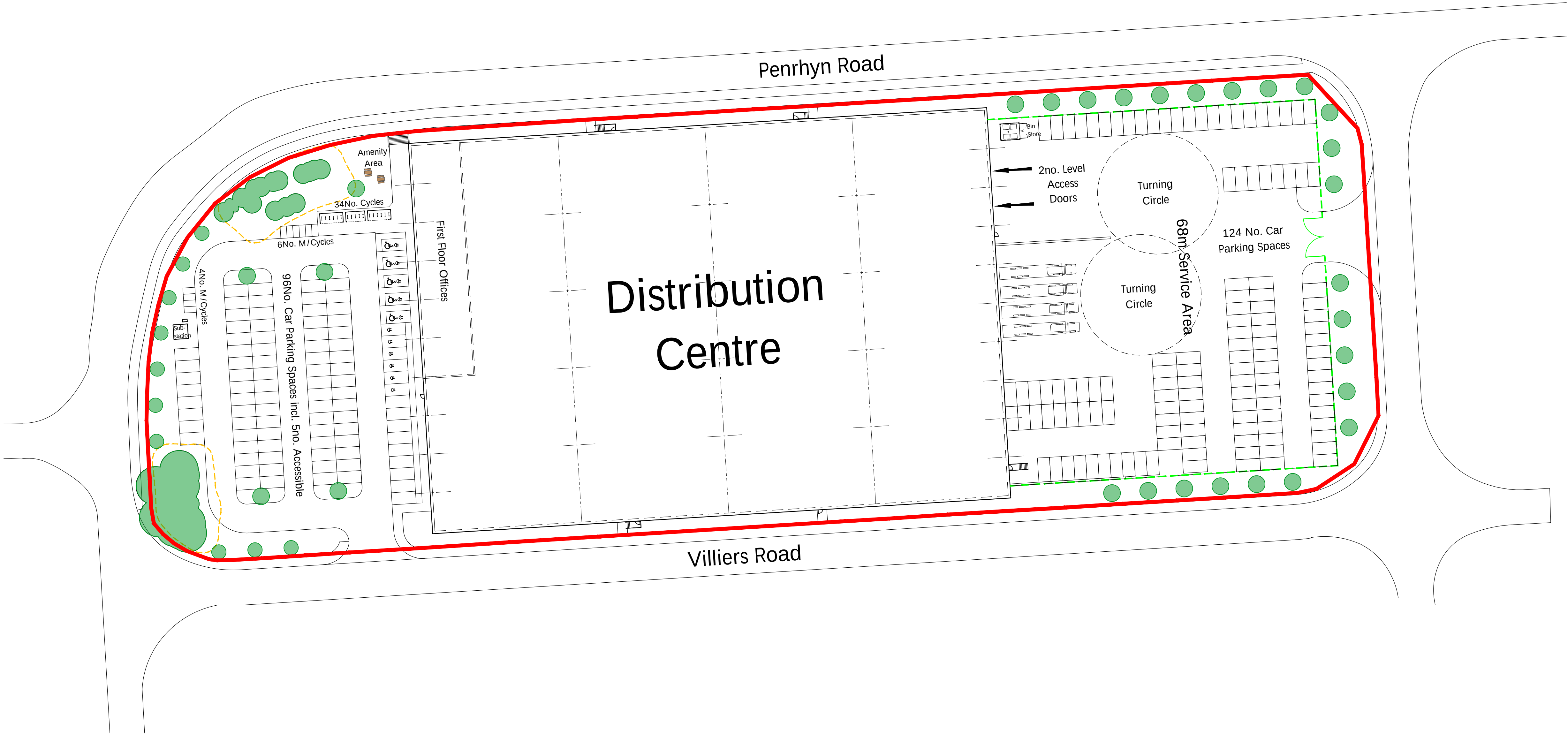
6982 - 10 Rev J

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First Floor Offices	-	5,000 sq.ft.	465 sq.m.
Total		107,000 sq.ft.	9,941 sq.m.
Car Spaces	-	220 (96 front of building + 124 service yard)	
Site Area	-	5.29 acres	2.14 hectares



B	1/6/22	Amenity area added	mjl
A	27/05/22	Cycle and M/cycles added	mjl
no.	date	revision	by



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Pembury Developments Ltd.

project

Penrhyn Road
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drawing

Illustrative Alternative
Parking Layout - B2 User

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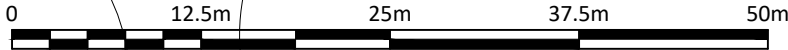
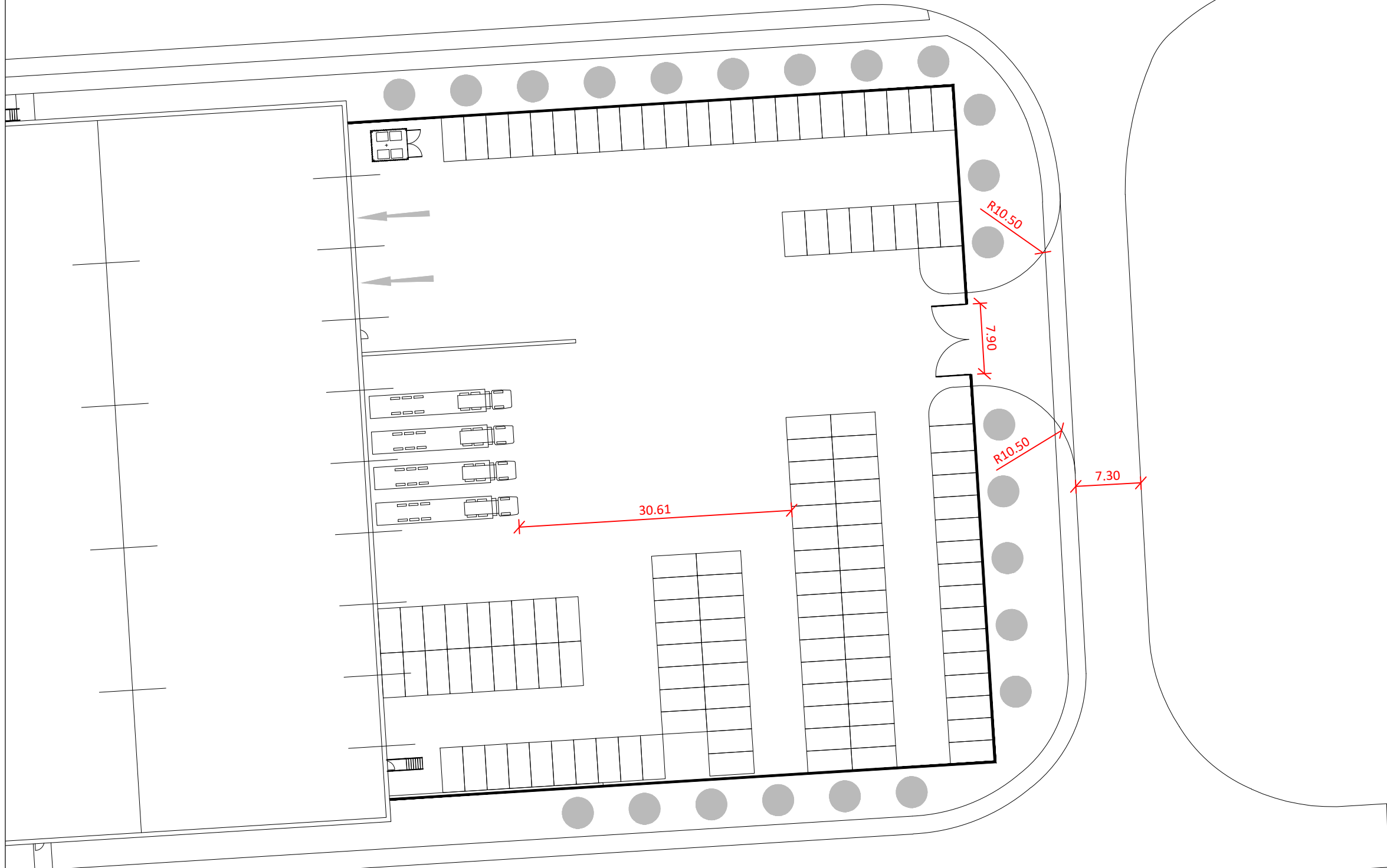
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Appendix C: Vehicle Tracking Drawings



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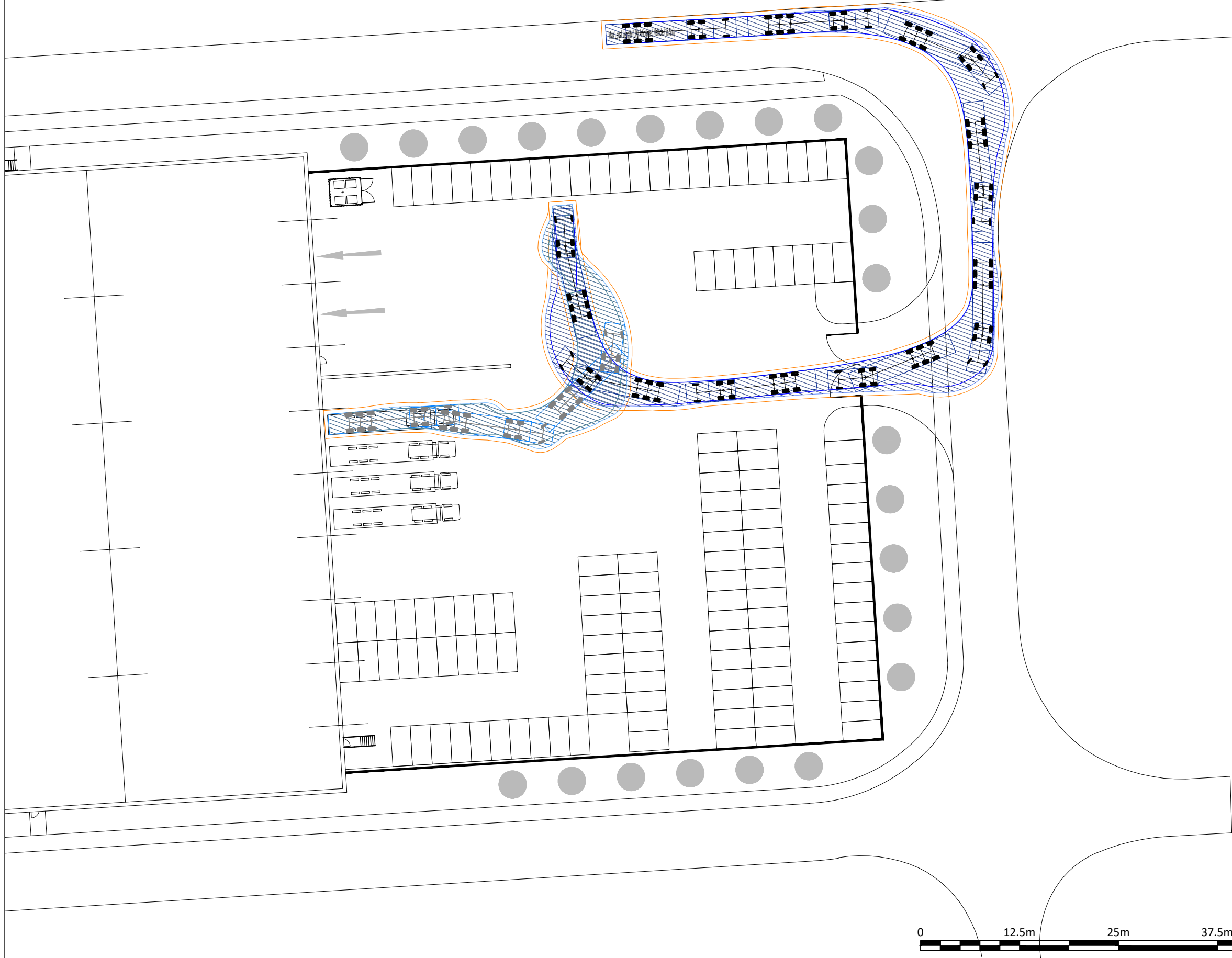
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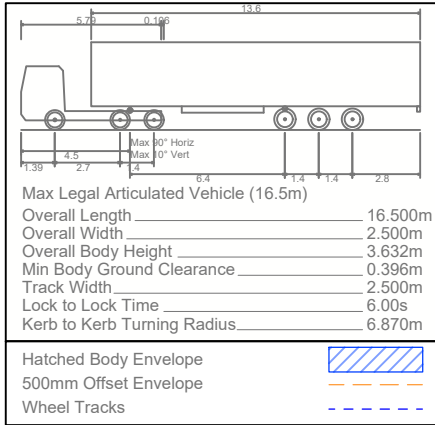
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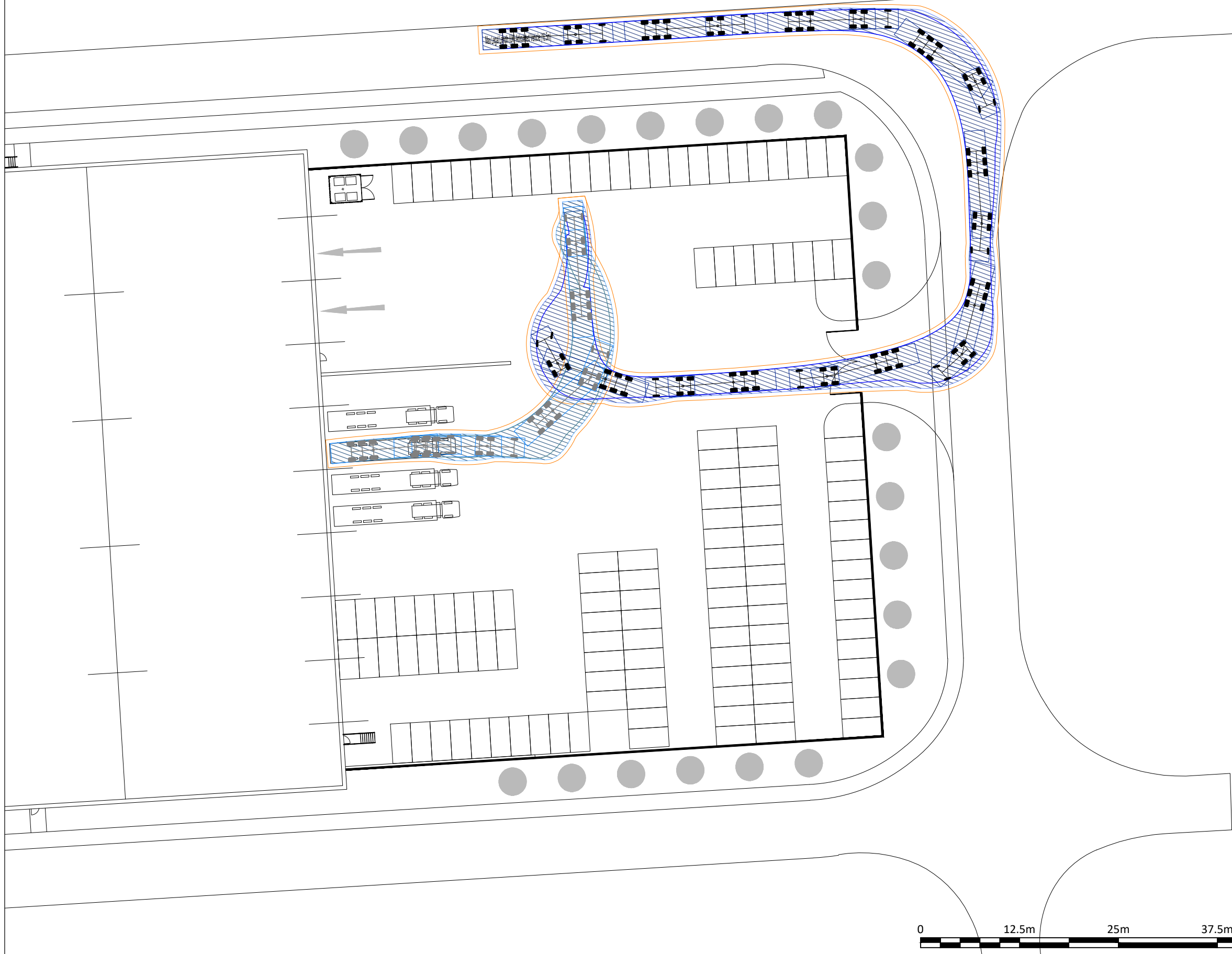
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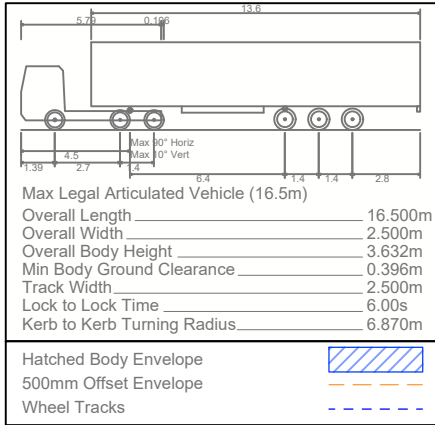
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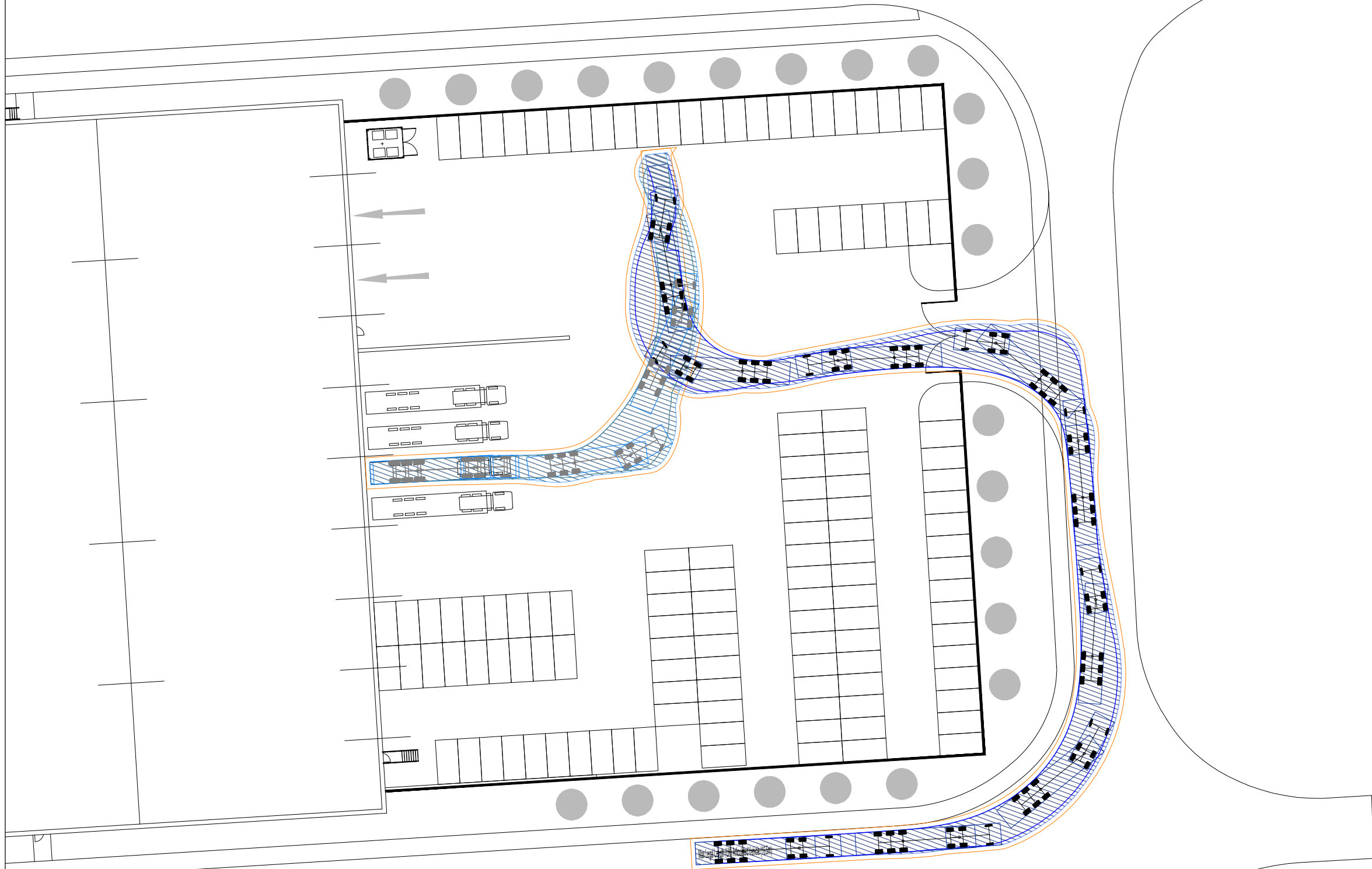
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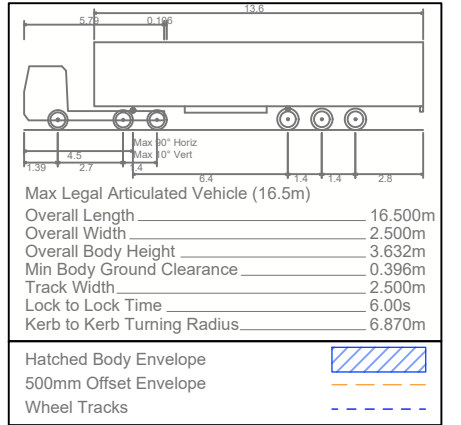
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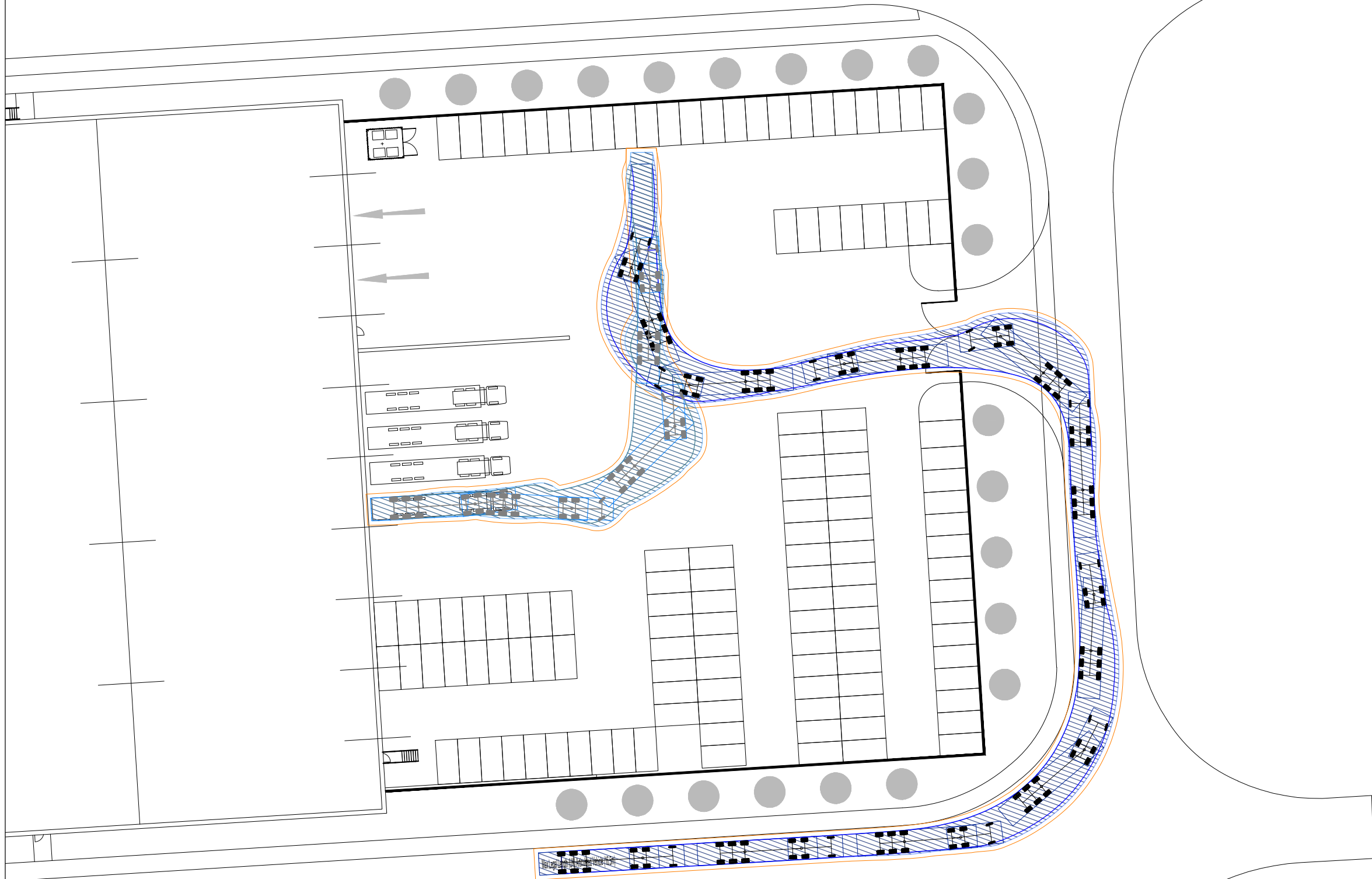
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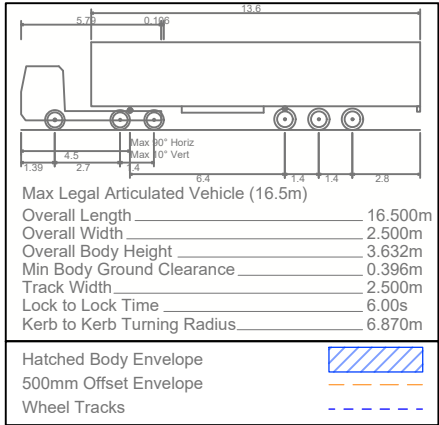
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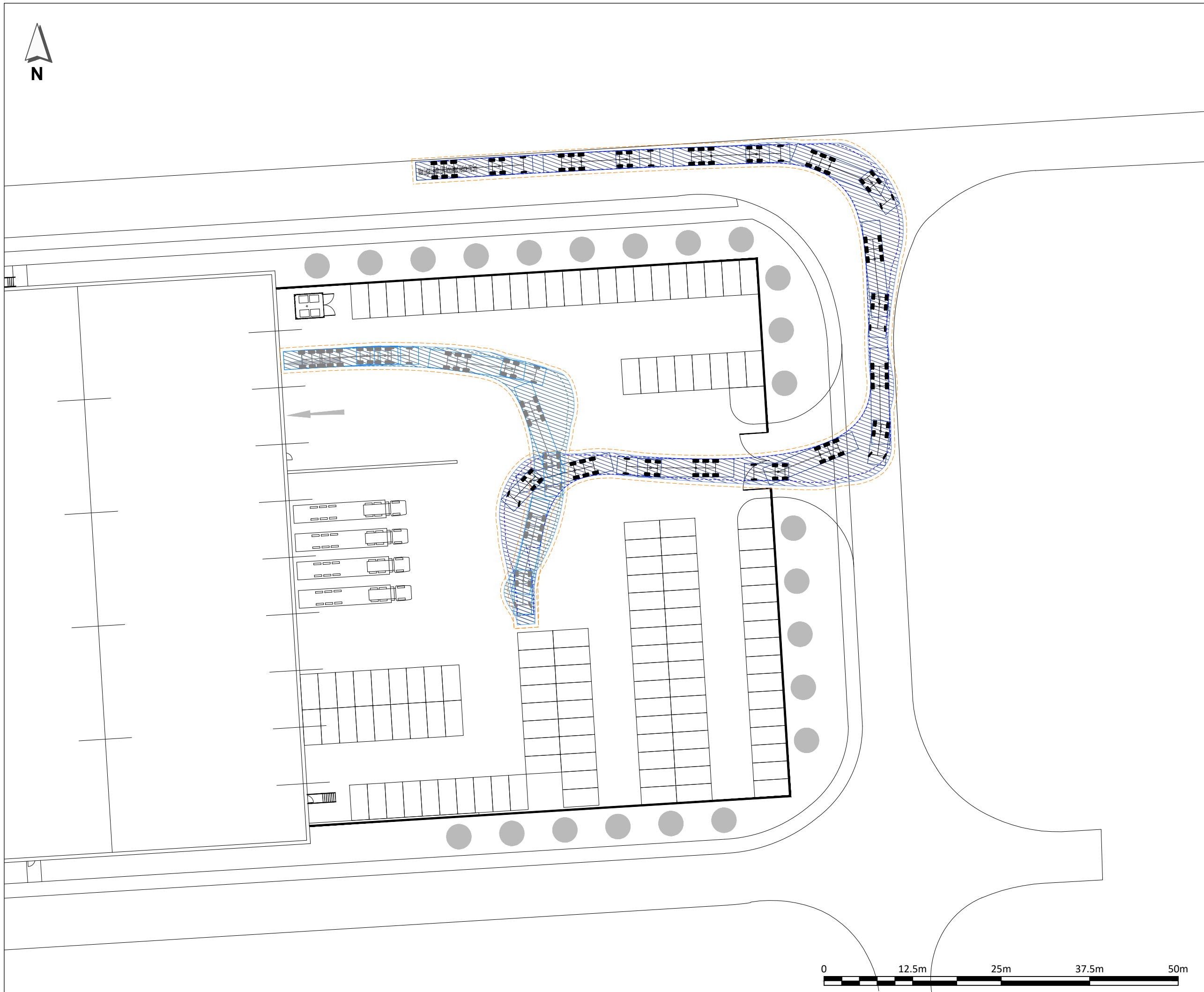
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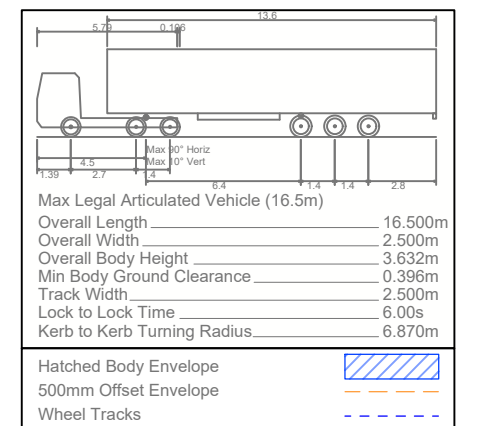
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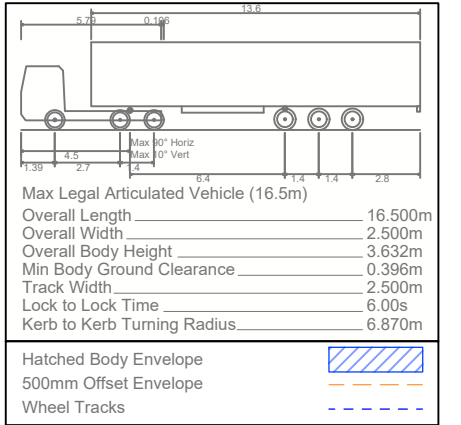
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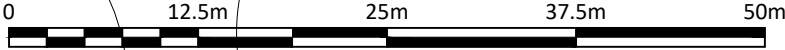
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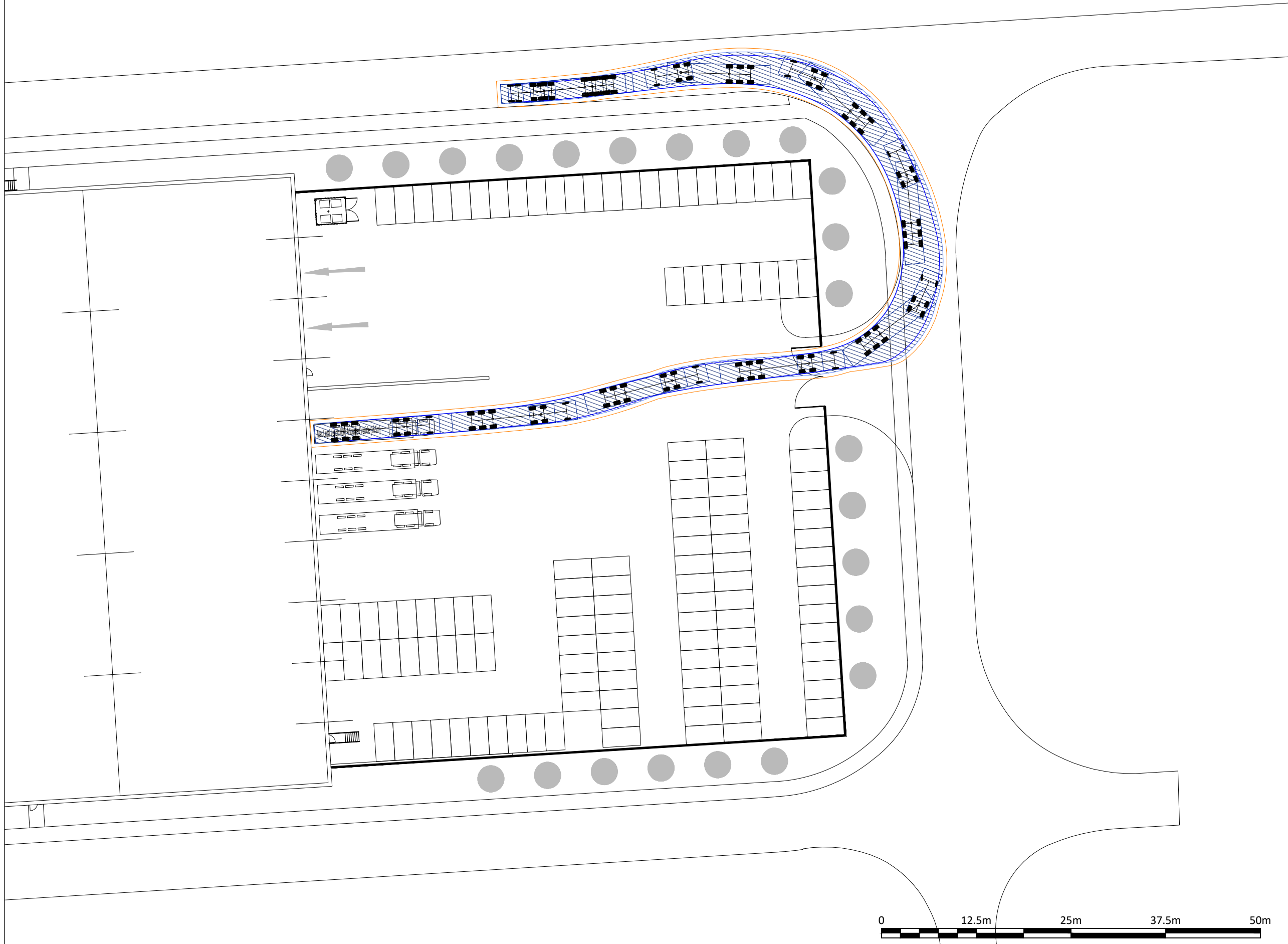
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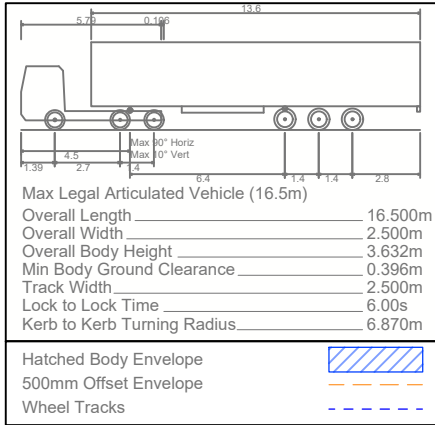
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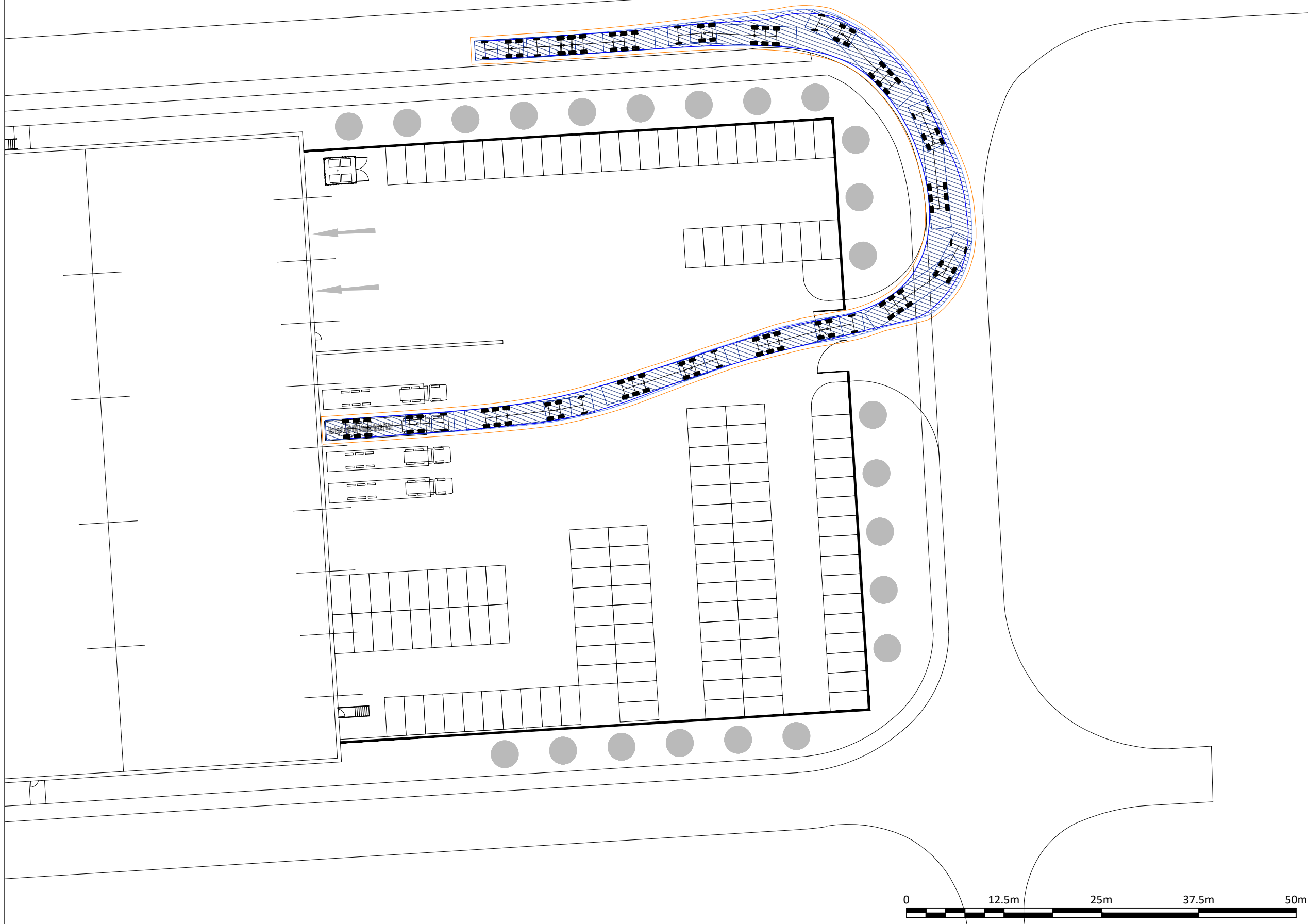
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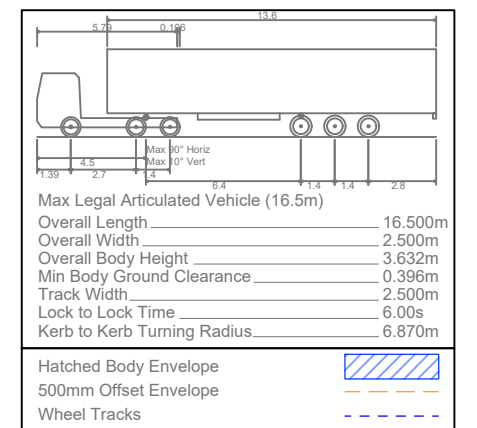
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Status: **WORK IN PROGRESS**

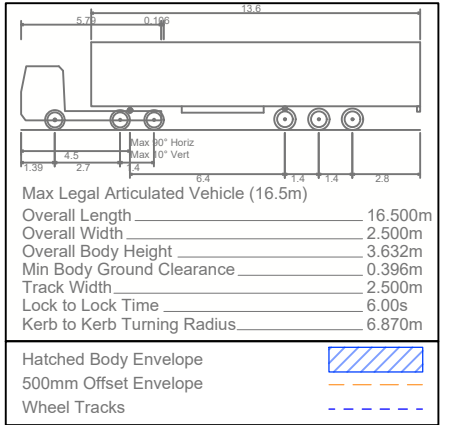
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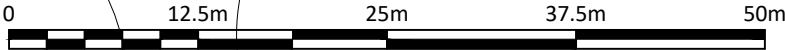
Project Title:
PENRHYN ROAD, KNOWSLEY

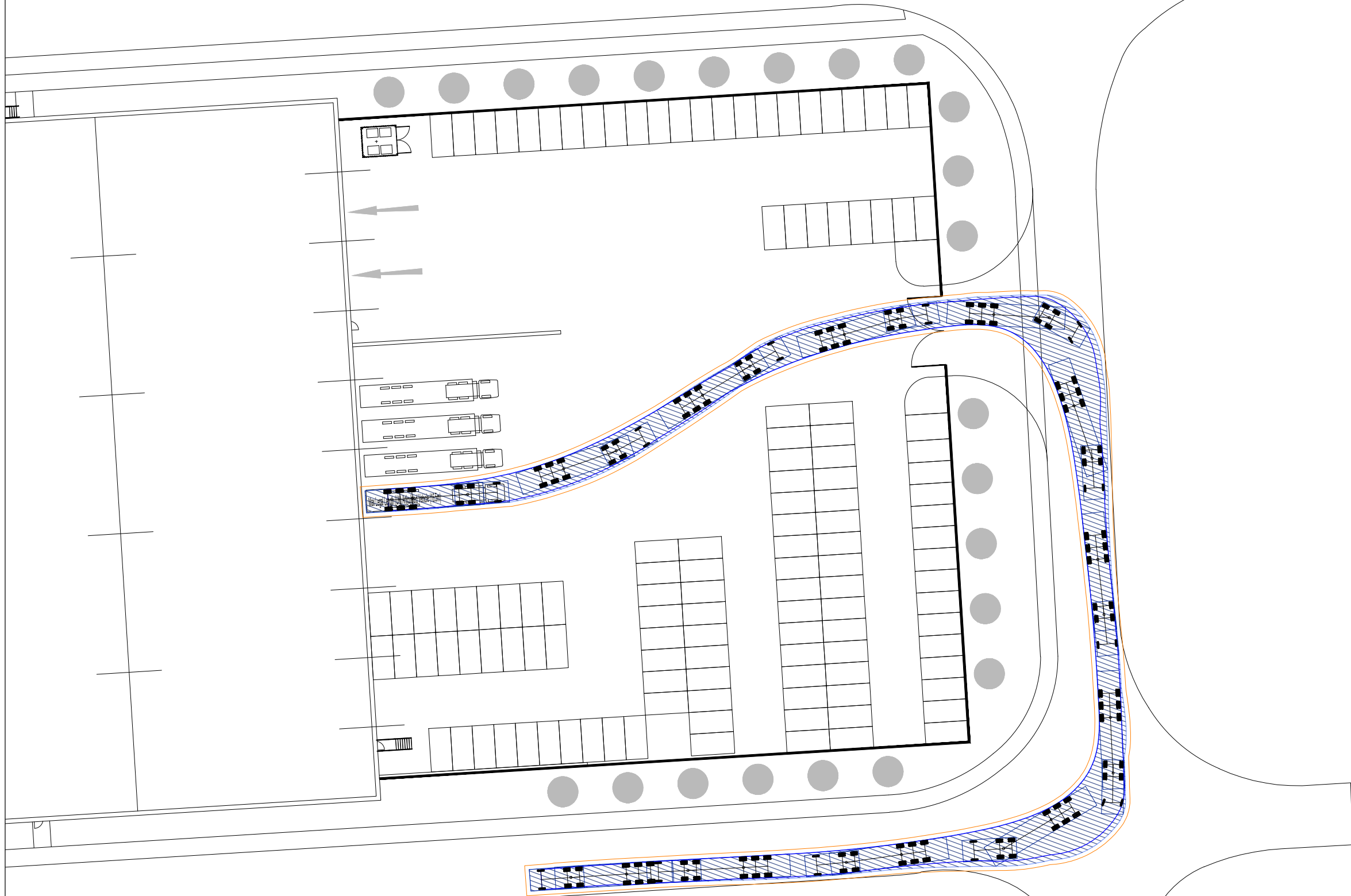
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**ILLUSTRATIVE
ALTERNATIVE YARD LAYOUT
SWEEP PATH ANALYSIS
EXITING LOADING DOCK**

Status:
WORK IN PROGRESS

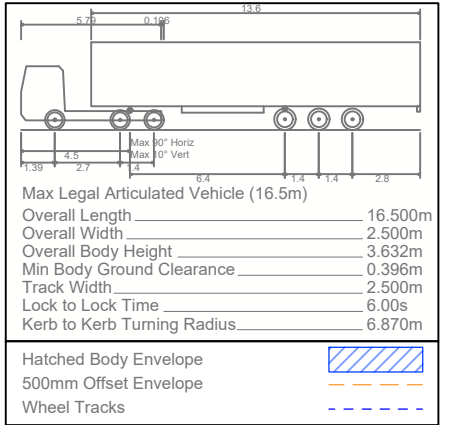
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Drawing No.
24158402-STR-HGN-100-DR-D-00110





- NOTES:**
1. THIS DRAWING IS BASED ON '6982 - 025 Preliminary Site Layout Plan.DWG' PROVIDED BY AJA ARCHITECTS ON 26/05/2022.
 2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE SPECIFIED.
 3. DO NOT SCALE FROM THIS DRAWING.



PO	27MAY22	ORIGINAL ISSUE			
REV	DATE	DESCRIPTION	DES	CHK	APP

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Project Title:
PENRHYN ROAD, KNOWSLEY

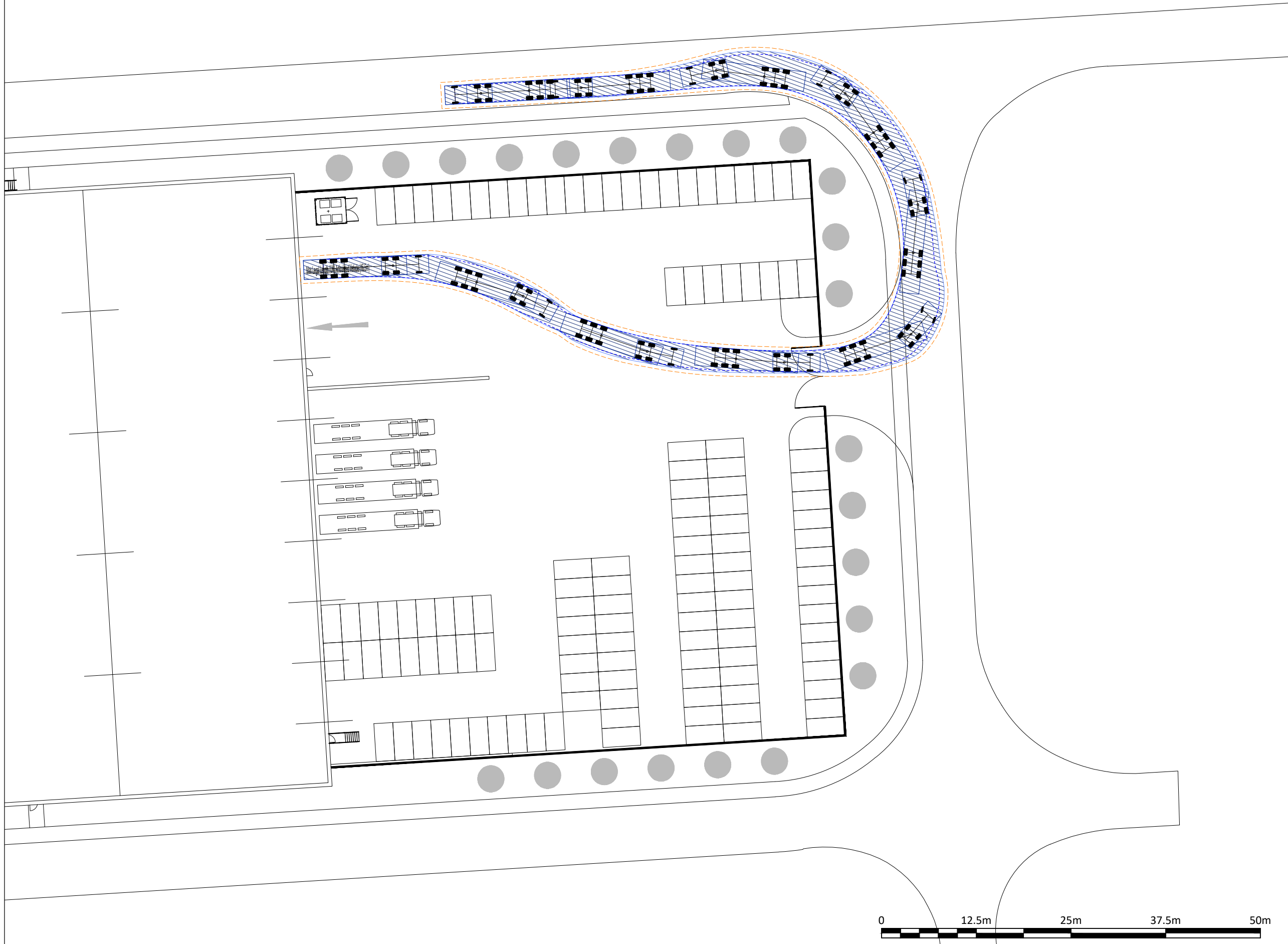
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ALTERNATIVE YARD LAYOUT
SWEEP PATH ANALYSIS
EXITING LOADING DOCK**

Status:
WORK IN PROGRESS

Size: A3	Scale: 1:500	Suitability S0	Rev. P0
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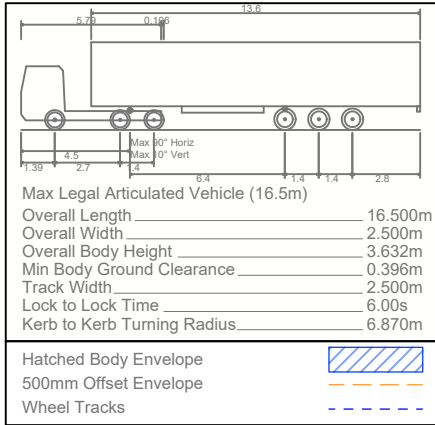
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DATE: 27/05/2022 CAD REFERENCE: \\ajad\ajad\Draws\Locust\Users\Bibb\mawp\aja\24158402-STR-HGN-100-DR-D-001-00111



NOTES:

1. THIS DRAWING IS BASED ON '6982 - 025 Preliminary Site Layout Plan.DWG' PROVIDED BY AJA ARCHITECTS ON 26/05/2022.
2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE SPECIFIED.
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PO	27MAY22	ORIGINAL ISSUE			
REV	DATE	DESCRIPTION	DES	CHK	APP

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Project Title:
PENRHYN ROAD, KNOWSLEY

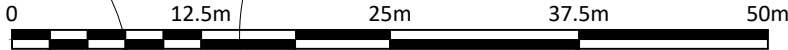
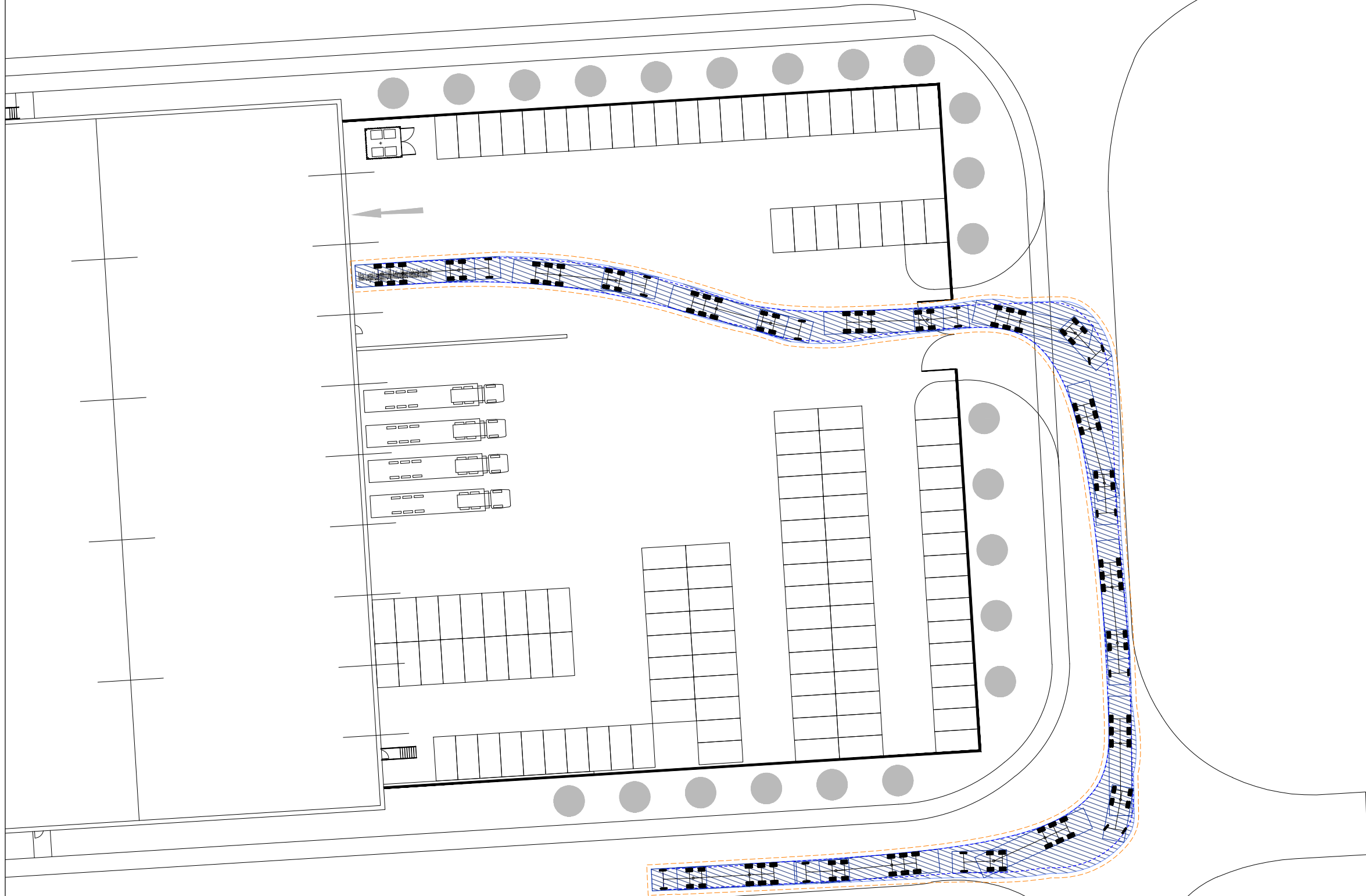
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ILLUSTRATIVE
ALTERNATIVE YARD LAYOUT
SWEEP PATH ANALYSIS
EXITING LOADING DOCK

Status:
WORK IN PROGRESS

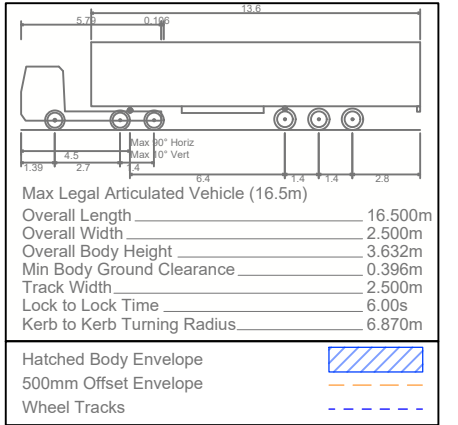
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Drawing No.
24158402-STR-HGN-100-DR-D-00112

DATE: 27/05/2022 CAD REFERENCE: \\ajadraws\ajadraws\Users\Bilal\My Documents\24158402-STR-HGN-100-DR-D-00112



- NOTES:**
1. THIS DRAWING IS BASED ON '6982 - 025 Preliminary Site Layout Plan.DWG' PROVIDED BY AJA ARCHITECTS ON 26/05/2022.
 2. ALL DIMENSIONS IN METRES UNLESS OTHERWISE SPECIFIED.
 3. DO NOT SCALE FROM THIS DRAWING.



PO	27MAY22	ORIGINAL ISSUE			
REV	DATE	DESCRIPTION	DES	CHK	APP

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Client: **PEMBURY DEVELOPMENTS LTD**

Project Title: **PENRHYN ROAD, KNOWSLEY**

Drawing Title: **ILLUSTRATIVE
ALTERNATIVE YARD LAYOUT
SWEEP PATH ANALYSIS
EXITING LOADING DOCK**

Status: **WORK IN PROGRESS**

Size: A3	Scale: 1:500	Suitability S0	Rev. P0
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Drawing No. **24158402-STR-HGN-100-DR-D-00113**

DATE: 27/05/2022 CAD REFERENCE: \\ajad\ajad\Draws\Locuston\Users\Billem\work\24158402-STR-HGN-100-DR-D-00113

Appendix D: Revised TRICS Selection

Steer Davies Gleave Albion Street Leeds

Licence No: 720101

Filtering Summary

Land Use	02/D	EMPLOYMENT/INDUSTRIAL ESTATE
Selected Trip Rate Calculation Parameter Range	5000-22000 sqm GFA	
Actual Trip Rate Calculation Parameter Range	5214-21250 sqm GFA	
Date Range	Minimum: 01/01/10	Maximum: 21/09/21
Parking Spaces Range	All Surveys Included	
Days of the week selected	Monday	1
	Tuesday	5
	Wednesday	5
	Thursday	4
	Friday	4
Main Location Types selected	Edge of Town Centre	1
	Suburban Area (PPS6 Out of Centre)	9
	Edge of Town	8
	Free Standing (PPS6 Out of Town)	1
Population within 500m	All Surveys Included	
Population <1 Mile ranges selected	1,000 or Less	1
	5,001 to 10,000	3
	10,001 to 15,000	4
	15,001 to 20,000	1
	20,001 to 25,000	1
	25,001 to 50,000	8
	50,001 to 100,000	1
Population <5 Mile ranges selected	5,001 to 25,000	1
	25,001 to 50,000	2
	50,001 to 75,000	1
	75,001 to 100,000	1
	125,001 to 250,000	10
	250,001 to 500,000	3
	500,001 or More	1
Car Ownership <5 Mile ranges selected	0.6 to 1.0	9
	1.1 to 1.5	10
PTAL Rating	No PTAL Present	19
Filter by Site Operations Breakdown	All Surveys Included	

Calculation Reference: AUDIT-720101-220526-0554

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : D - INDUSTRIAL ESTATE
 MULTI-MODAL TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	ES EAST SUSSEX	2 days
	EX ESSEX	1 days
	KC KENT	1 days
03	SOUTH WEST	
	BR BRISTOL CITY	2 days
	SM SOMERSET	1 days
	WL WILTSHIRE	1 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
06	WEST MIDLANDS	
	HE HEREFORDSHIRE	1 days
	WK WARWICKSHIRE	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	SY SOUTH YORKSHIRE	1 days
	WY WEST YORKSHIRE	1 days
08	NORTH WEST	
	LC LANCASHIRE	1 days
09	NORTH	
	TW TYNE & WEAR	1 days
10	WALES	
	SW SWANSEA	2 days
11	SCOTLAND	
	FA FALKIRK	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

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: Gross floor area
 Actual Range: 5214 to 21250 (units: sqm)
 Range Selected by User: 5000 to 22000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/10 to 21/09/21

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	1 days
Tuesday	5 days
Wednesday	5 days
Thursday	4 days
Friday	4 days

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

Selected survey types:

Manual count	19 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 undertaken using machines.

Selected Locations:

Edge of Town Centre	1
Suburban Area (PPS6 Out of Centre)	9
Edge of Town	8
Free Standing (PPS6 Out of Town)	1

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:

Industrial Zone	10
Development Zone	1
Residential Zone	4
Out of Town	1
No Sub Category	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.

Secondary Filtering selection:

Use Class:

Not Known	19 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,000 or Less	1 days
5,001 to 10,000	3 days
10,001 to 15,000	4 days
15,001 to 20,000	1 days
20,001 to 25,000	1 days
25,001 to 50,000	8 days
50,001 to 100,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

5,001 to 25,000	1 days
25,001 to 50,000	2 days
50,001 to 75,000	1 days
75,001 to 100,000	1 days
125,001 to 250,000	10 days
250,001 to 500,000	3 days
500,001 or More	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	9 days
1.1 to 1.5	10 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	19 days
----	---------

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	19 days
-----------------	---------

This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

Site(1):	BR-02-D-04	Site area:	1.80 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	18018 sqm
Location:	BRISTOL	Parking spaces:	124
Postcode:	BS5 7XX	No of Employees:	59
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	29/11/13
Sub-Location Type:	Industrial Zone	Survey Day:	Friday
PTAL:	n/a		
Site(2):	BR-02-D-05	Site area:	4.48 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	18128 sqm
Location:	BRISTOL	Parking spaces:	159
Postcode:	BS3 5QY	No of Employees:	97
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	29/11/13
Sub-Location Type:	Industrial Zone	Survey Day:	Friday
PTAL:	n/a		
Site(3):	DS-02-D-02	Site area:	1.11 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	5686 sqm
Location:	DERBY	Parking spaces:	110
Postcode:	DE23 8NL	No of Employees:	113
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	25/09/19
Sub-Location Type:	No Sub Category	Survey Day:	Wednesday
PTAL:	n/a		
Site(4):	ES-02-D-06	Site area:	2.30 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	7525 sqm
Location:	EASTBOURNE	Parking spaces:	243
Postcode:	BN22 8UY	No of Employees:	330
Main Location Type:	Edge of Town	Survey Date:	21/10/13
Sub-Location Type:	Residential Zone	Survey Day:	Monday
PTAL:	n/a		
Site(5):	ES-02-D-07	Site area:	1.10 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	6625 sqm
Location:	BRIGHTON	Parking spaces:	125
Postcode:	BN2 4AW	No of Employees:	130
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	16/10/14
Sub-Location Type:	Industrial Zone	Survey Day:	Thursday
PTAL:	n/a		
Site(6):	EX-02-D-05	Site area:	1.63 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	7280 sqm
Location:	COLCHESTER	Parking spaces:	179
Postcode:	CO4 9TB	No of Employees:	160
Main Location Type:	Edge of Town	Survey Date:	18/05/18
Sub-Location Type:	Industrial Zone	Survey Day:	Friday
PTAL:	n/a		
Site(7):	FA-02-D-02	Site area:	3.48 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	21250 sqm
Location:	FALKIRK	Parking spaces:	190
Postcode:	FK2 7PE	No of Employees:	115
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	30/05/13
Sub-Location Type:	Residential Zone	Survey Day:	Thursday
PTAL:	n/a		
Site(8):	HE-02-D-02	Site area:	0.50 hect
Development Name:	BUSINESS PARK	Gross floor area:	5214 sqm
Location:	HEREFORD	Parking spaces:	68
Postcode:	HR4 9JQ	No of Employees:	67
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	22/10/13
Sub-Location Type:	Industrial Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site(9):	KC-02-D-02	Site area:	3.54 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	10715 sqm
Location:	DEAL	Parking spaces:	150
Postcode:	CT14 9LX	No of Employees:	150
Main Location Type:	Edge of Town	Survey Date:	28/11/12
Sub-Location Type:	Residential Zone	Survey Day:	Wednesday
PTAL:	n/a		

LIST OF SITES relevant to selection parameters (Cont.)

Site(10):	LC-02-D-05	Site area:	0.70 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	7020 sqm
Location:	BLACKBURN	Parking spaces:	117
Postcode:	BB1 3BL	No of Employees:	63
Main Location Type:	Edge of Town Centre	Survey Date:	04/06/13
Sub-Location Type:	Industrial Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site(11):	SM-02-D-01	Site area:	3.80 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	12000 sqm
Location:	YEOVIL	Parking spaces:	200
Postcode:	BA22 7LH	No of Employees:	220
Main Location Type:	Free Standing (PPS6 Out of Town)	Survey Date:	03/04/19
Sub-Location Type:	Out of Town	Survey Day:	Wednesday
PTAL:	n/a		
Site(12):	SW-02-D-01	Site area:	1.60 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	6822 sqm
Location:	SWANSEA	Parking spaces:	114
Postcode:	SA6 8QQ	No of Employees:	260
Main Location Type:	Edge of Town	Survey Date:	09/10/19
Sub-Location Type:	Industrial Zone	Survey Day:	Wednesday
PTAL:	n/a		
Site(13):	SW-02-D-02	Site area:	1.40 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	5280 sqm
Location:	SWANSEA	Parking spaces:	62
Postcode:	SA6 8RB	No of Employees:	190
Main Location Type:	Edge of Town	Survey Date:	10/10/19
Sub-Location Type:	Industrial Zone	Survey Day:	Thursday
PTAL:	n/a		
Site(14):	SY-02-D-04	Site area:	1.70 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	6737 sqm
Location:	DONCASTER	Parking spaces:	87
Postcode:	DN4 5JJ	No of Employees:	55
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	21/09/21
Sub-Location Type:	Industrial Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site(15):	TW-02-D-08	Site area:	2.70 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	8310 sqm
Location:	SUNDERLAND	Parking spaces:	212
Postcode:	SR5 3TX	No of Employees:	180
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	04/04/17
Sub-Location Type:	Development Zone	Survey Day:	Tuesday
PTAL:	n/a		
Site(16):	WK-02-D-03	Site area:	5.60 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	20860 sqm
Location:	NUNEATON	Parking spaces:	380
Postcode:	CV11 6GY	No of Employees:	225
Main Location Type:	Edge of Town	Survey Date:	26/09/19
Sub-Location Type:	Industrial Zone	Survey Day:	Thursday
PTAL:	n/a		
Site(17):	WK-02-D-04	Site area:	4.86 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	17500 sqm
Location:	ATHERSTONE	Parking spaces:	349
Postcode:	CV9 2QX	No of Employees:	250
Main Location Type:	Edge of Town	Survey Date:	27/09/19
Sub-Location Type:	No Sub Category	Survey Day:	Friday
PTAL:	n/a		
Site(18):	WL-02-D-02	Site area:	2.55 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	10000 sqm
Location:	SWINDON	Parking spaces:	152
Postcode:	SN2 7JQ	No of Employees:	118
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Date:	20/09/16
Sub-Location Type:	Residential Zone	Survey Day:	Tuesday
PTAL:	n/a		

LIST OF SITES relevant to selection parameters (Cont.)

Site(19):	WY-02-D-08	Site area:	1.80 hect
Development Name:	INDUSTRIAL ESTATE	Gross floor area:	11305 sqm
Location:	HALIFAX	Parking spaces:	106
Postcode:	HX3 5QN	No of Employees:	93
Main Location Type:	Edge of Town	Survey Date:	17/10/18
Sub-Location Type:	No Sub Category	Survey Day:	Wednesday
PTAL:	n/a		

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
AG-02-D-02	GFA too high
CA-02-D-04	GFA too low
CM-02-D-03	GFA too low
CW-02-D-03	GFA too high
DV-02-D-07	GFA too low
EX-02-D-03	GFA too low
EX-02-D-04	GFA too high
FA-02-D-03	GFA too low
KC-02-D-02	Can walk to rail station - not comparable to Kingmoor
MS-02-D-06	GFA too low
NY-02-D-02	GFA too high
VG-02-D-01	Can walk to rail station - not comparable to Kingmoor
WK-02-D-01	GFA too high
WK-02-D-02	GFA too high
WM-02-D-02	GFA too high
WM-02-D-03	GFA too low
WO-02-D-03	GFA too high
WY-02-D-05	GFA too low
WY-02-D-06	GFA too low
WY-02-D-07	GFA too low

TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 1.38

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.030	6	10481	0.002	6	10481	0.032
05:30 - 06:00	6	10481	0.072	6	10481	0.008	6	10481	0.080
06:00 - 06:30	6	10481	0.040	6	10481	0.016	6	10481	0.056
06:30 - 07:00	6	10481	0.094	6	10481	0.017	6	10481	0.111
07:00 - 07:30	19	10857	0.116	19	10857	0.024	19	10857	0.140
07:30 - 08:00	19	10857	0.196	19	10857	0.052	19	10857	0.248
08:00 - 08:30	19	10857	0.213	19	10857	0.085	19	10857	0.298
08:30 - 09:00	19	10857	0.192	19	10857	0.092	19	10857	0.284
09:00 - 09:30	19	10857	0.175	19	10857	0.116	19	10857	0.291
09:30 - 10:00	19	10857	0.139	19	10857	0.110	19	10857	0.249
10:00 - 10:30	19	10857	0.155	19	10857	0.121	19	10857	0.276
10:30 - 11:00	19	10857	0.124	19	10857	0.109	19	10857	0.233
11:00 - 11:30	19	10857	0.113	19	10857	0.112	19	10857	0.225
11:30 - 12:00	19	10857	0.126	19	10857	0.116	19	10857	0.242
12:00 - 12:30	19	10857	0.123	19	10857	0.153	19	10857	0.276
12:30 - 13:00	19	10857	0.123	19	10857	0.139	19	10857	0.262
13:00 - 13:30	19	10857	0.123	19	10857	0.116	19	10857	0.239
13:30 - 14:00	19	10857	0.122	19	10857	0.131	19	10857	0.253
14:00 - 14:30	19	10857	0.120	19	10857	0.137	19	10857	0.257
14:30 - 15:00	19	10857	0.124	19	10857	0.138	19	10857	0.262
15:00 - 15:30	19	10857	0.095	19	10857	0.143	19	10857	0.238
15:30 - 16:00	19	10857	0.101	19	10857	0.138	19	10857	0.239
16:00 - 16:30	19	10857	0.132	19	10857	0.166	19	10857	0.298
16:30 - 17:00	19	10857	0.131	19	10857	0.215	19	10857	0.346
17:00 - 17:30	19	10857	0.082	19	10857	0.228	19	10857	0.310
17:30 - 18:00	19	10857	0.083	19	10857	0.167	19	10857	0.250
18:00 - 18:30	19	10857	0.039	19	10857	0.096	19	10857	0.135
18:30 - 19:00	19	10857	0.032	19	10857	0.064	19	10857	0.096
19:00 - 19:30	6	10481	0.052	6	10481	0.070	6	10481	0.122
19:30 - 20:00	6	10481	0.041	6	10481	0.089	6	10481	0.130
20:00 - 20:30	6	10481	0.008	6	10481	0.048	6	10481	0.056
20:30 - 21:00	6	10481	0.008	6	10481	0.019	6	10481	0.027
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			3.324			3.237			6.561

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.

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Parameter summary

Trip rate parameter range selected:	5214 - 21250 (units: sqm)
Survey date range:	01/01/10 - 21/09/21
Number of weekdays (Monday-Friday):	19
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	20

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.002	6	10481	0.002	6	10481	0.004
05:30 - 06:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:00 - 06:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:30 - 07:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
07:00 - 07:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
07:30 - 08:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
08:00 - 08:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
08:30 - 09:00	19	10857	0.001	19	10857	0.001	19	10857	0.002
09:00 - 09:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
09:30 - 10:00	19	10857	0.001	19	10857	0.001	19	10857	0.002
10:00 - 10:30	19	10857	0.001	19	10857	0.001	19	10857	0.002
10:30 - 11:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
11:00 - 11:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
11:30 - 12:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
12:00 - 12:30	19	10857	0.001	19	10857	0.001	19	10857	0.002
12:30 - 13:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
13:00 - 13:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
13:30 - 14:00	19	10857	0.001	19	10857	0.001	19	10857	0.002
14:00 - 14:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
14:30 - 15:00	19	10857	0.001	19	10857	0.001	19	10857	0.002
15:00 - 15:30	19	10857	0.001	19	10857	0.001	19	10857	0.002
15:30 - 16:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
16:00 - 16:30	19	10857	0.001	19	10857	0.001	19	10857	0.002
16:30 - 17:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
17:00 - 17:30	19	10857	0.001	19	10857	0.000	19	10857	0.001
17:30 - 18:00	19	10857	0.000	19	10857	0.001	19	10857	0.001
18:00 - 18:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
18:30 - 19:00	19	10857	0.001	19	10857	0.001	19	10857	0.002
19:00 - 19:30	6	10481	0.002	6	10481	0.002	6	10481	0.004
19:30 - 20:00	6	10481	0.002	6	10481	0.002	6	10481	0.004
20:00 - 20:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:30 - 21:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.016			0.016			0.032

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
05:30 - 06:00	6	10481	0.000	6	10481	0.002	6	10481	0.002
06:00 - 06:30	6	10481	0.002	6	10481	0.000	6	10481	0.002
06:30 - 07:00	6	10481	0.003	6	10481	0.002	6	10481	0.005
07:00 - 07:30	19	10857	0.004	19	10857	0.002	19	10857	0.006
07:30 - 08:00	19	10857	0.005	19	10857	0.006	19	10857	0.011
08:00 - 08:30	19	10857	0.007	19	10857	0.004	19	10857	0.011
08:30 - 09:00	19	10857	0.010	19	10857	0.007	19	10857	0.017
09:00 - 09:30	19	10857	0.009	19	10857	0.011	19	10857	0.020
09:30 - 10:00	19	10857	0.013	19	10857	0.011	19	10857	0.024
10:00 - 10:30	19	10857	0.009	19	10857	0.011	19	10857	0.020
10:30 - 11:00	19	10857	0.011	19	10857	0.008	19	10857	0.019
11:00 - 11:30	19	10857	0.010	19	10857	0.010	19	10857	0.020
11:30 - 12:00	19	10857	0.008	19	10857	0.006	19	10857	0.014
12:00 - 12:30	19	10857	0.011	19	10857	0.010	19	10857	0.021
12:30 - 13:00	19	10857	0.012	19	10857	0.013	19	10857	0.025
13:00 - 13:30	19	10857	0.007	19	10857	0.008	19	10857	0.015
13:30 - 14:00	19	10857	0.010	19	10857	0.008	19	10857	0.018
14:00 - 14:30	19	10857	0.006	19	10857	0.010	19	10857	0.016
14:30 - 15:00	19	10857	0.010	19	10857	0.007	19	10857	0.017
15:00 - 15:30	19	10857	0.008	19	10857	0.009	19	10857	0.017
15:30 - 16:00	19	10857	0.010	19	10857	0.013	19	10857	0.023
16:00 - 16:30	19	10857	0.004	19	10857	0.007	19	10857	0.011
16:30 - 17:00	19	10857	0.007	19	10857	0.005	19	10857	0.012
17:00 - 17:30	19	10857	0.002	19	10857	0.006	19	10857	0.008
17:30 - 18:00	19	10857	0.002	19	10857	0.002	19	10857	0.004
18:00 - 18:30	19	10857	0.001	19	10857	0.002	19	10857	0.003
18:30 - 19:00	19	10857	0.001	19	10857	0.000	19	10857	0.001
19:00 - 19:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
19:30 - 20:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:00 - 20:30	6	10481	0.002	6	10481	0.000	6	10481	0.002
20:30 - 21:00	6	10481	0.002	6	10481	0.000	6	10481	0.002
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.186			0.180			0.366

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL PSVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
05:30 - 06:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:00 - 06:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:30 - 07:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
07:00 - 07:30	19	10857	0.000	19	10857	0.004	19	10857	0.004
07:30 - 08:00	19	10857	0.002	19	10857	0.002	19	10857	0.004
08:00 - 08:30	19	10857	0.001	19	10857	0.000	19	10857	0.001
08:30 - 09:00	19	10857	0.001	19	10857	0.002	19	10857	0.003
09:00 - 09:30	19	10857	0.004	19	10857	0.001	19	10857	0.005
09:30 - 10:00	19	10857	0.002	19	10857	0.001	19	10857	0.003
10:00 - 10:30	19	10857	0.003	19	10857	0.001	19	10857	0.004
10:30 - 11:00	19	10857	0.001	19	10857	0.000	19	10857	0.001
11:00 - 11:30	19	10857	0.000	19	10857	0.001	19	10857	0.001
11:30 - 12:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
12:00 - 12:30	19	10857	0.000	19	10857	0.001	19	10857	0.001
12:30 - 13:00	19	10857	0.000	19	10857	0.001	19	10857	0.001
13:00 - 13:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
13:30 - 14:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
14:00 - 14:30	19	10857	0.000	19	10857	0.003	19	10857	0.003
14:30 - 15:00	19	10857	0.000	19	10857	0.002	19	10857	0.002
15:00 - 15:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
15:30 - 16:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
16:00 - 16:30	19	10857	0.001	19	10857	0.000	19	10857	0.001
16:30 - 17:00	19	10857	0.003	19	10857	0.000	19	10857	0.003
17:00 - 17:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
17:30 - 18:00	19	10857	0.001	19	10857	0.000	19	10857	0.001
18:00 - 18:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
18:30 - 19:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
19:00 - 19:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
19:30 - 20:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:00 - 20:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:30 - 21:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.019			0.019			0.038

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
05:30 - 06:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:00 - 06:30	6	10481	0.002	6	10481	0.000	6	10481	0.002
06:30 - 07:00	6	10481	0.003	6	10481	0.000	6	10481	0.003
07:00 - 07:30	19	10857	0.002	19	10857	0.000	19	10857	0.002
07:30 - 08:00	19	10857	0.004	19	10857	0.000	19	10857	0.004
08:00 - 08:30	19	10857	0.003	19	10857	0.000	19	10857	0.003
08:30 - 09:00	19	10857	0.006	19	10857	0.000	19	10857	0.006
09:00 - 09:30	19	10857	0.003	19	10857	0.000	19	10857	0.003
09:30 - 10:00	19	10857	0.002	19	10857	0.000	19	10857	0.002
10:00 - 10:30	19	10857	0.001	19	10857	0.000	19	10857	0.001
10:30 - 11:00	19	10857	0.001	19	10857	0.000	19	10857	0.001
11:00 - 11:30	19	10857	0.000	19	10857	0.001	19	10857	0.001
11:30 - 12:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
12:00 - 12:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
12:30 - 13:00	19	10857	0.000	19	10857	0.001	19	10857	0.001
13:00 - 13:30	19	10857	0.002	19	10857	0.001	19	10857	0.003
13:30 - 14:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
14:00 - 14:30	19	10857	0.001	19	10857	0.002	19	10857	0.003
14:30 - 15:00	19	10857	0.000	19	10857	0.001	19	10857	0.001
15:00 - 15:30	19	10857	0.001	19	10857	0.001	19	10857	0.002
15:30 - 16:00	19	10857	0.001	19	10857	0.002	19	10857	0.003
16:00 - 16:30	19	10857	0.000	19	10857	0.004	19	10857	0.004
16:30 - 17:00	19	10857	0.000	19	10857	0.004	19	10857	0.004
17:00 - 17:30	19	10857	0.001	19	10857	0.007	19	10857	0.008
17:30 - 18:00	19	10857	0.002	19	10857	0.002	19	10857	0.004
18:00 - 18:30	19	10857	0.000	19	10857	0.002	19	10857	0.002
18:30 - 19:00	19	10857	0.000	19	10857	0.001	19	10857	0.001
19:00 - 19:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
19:30 - 20:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:00 - 20:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:30 - 21:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.035			0.029			0.064

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL VEHICLE OCCUPANTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.033	6	10481	0.002	6	10481	0.035
05:30 - 06:00	6	10481	0.081	6	10481	0.008	6	10481	0.089
06:00 - 06:30	6	10481	0.056	6	10481	0.016	6	10481	0.072
06:30 - 07:00	6	10481	0.116	6	10481	0.022	6	10481	0.138
07:00 - 07:30	19	10857	0.137	19	10857	0.030	19	10857	0.167
07:30 - 08:00	19	10857	0.230	19	10857	0.060	19	10857	0.290
08:00 - 08:30	19	10857	0.258	19	10857	0.110	19	10857	0.368
08:30 - 09:00	19	10857	0.230	19	10857	0.107	19	10857	0.337
09:00 - 09:30	19	10857	0.214	19	10857	0.139	19	10857	0.353
09:30 - 10:00	19	10857	0.163	19	10857	0.132	19	10857	0.295
10:00 - 10:30	19	10857	0.185	19	10857	0.143	19	10857	0.328
10:30 - 11:00	19	10857	0.148	19	10857	0.128	19	10857	0.276
11:00 - 11:30	19	10857	0.134	19	10857	0.135	19	10857	0.269
11:30 - 12:00	19	10857	0.154	19	10857	0.145	19	10857	0.299
12:00 - 12:30	19	10857	0.159	19	10857	0.182	19	10857	0.341
12:30 - 13:00	19	10857	0.144	19	10857	0.175	19	10857	0.319
13:00 - 13:30	19	10857	0.151	19	10857	0.147	19	10857	0.298
13:30 - 14:00	19	10857	0.149	19	10857	0.168	19	10857	0.317
14:00 - 14:30	19	10857	0.148	19	10857	0.159	19	10857	0.307
14:30 - 15:00	19	10857	0.165	19	10857	0.163	19	10857	0.328
15:00 - 15:30	19	10857	0.112	19	10857	0.182	19	10857	0.294
15:30 - 16:00	19	10857	0.138	19	10857	0.168	19	10857	0.306
16:00 - 16:30	19	10857	0.199	19	10857	0.207	19	10857	0.406
16:30 - 17:00	19	10857	0.180	19	10857	0.255	19	10857	0.435
17:00 - 17:30	19	10857	0.111	19	10857	0.279	19	10857	0.390
17:30 - 18:00	19	10857	0.116	19	10857	0.229	19	10857	0.345
18:00 - 18:30	19	10857	0.059	19	10857	0.132	19	10857	0.191
18:30 - 19:00	19	10857	0.036	19	10857	0.096	19	10857	0.132
19:00 - 19:30	6	10481	0.052	6	10481	0.080	6	10481	0.132
19:30 - 20:00	6	10481	0.040	6	10481	0.103	6	10481	0.143
20:00 - 20:30	6	10481	0.008	6	10481	0.052	6	10481	0.060
20:30 - 21:00	6	10481	0.008	6	10481	0.019	6	10481	0.027
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			4.114			3.973			8.087

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE
 MULTI-MODAL PEDESTRIANS
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
05:30 - 06:00	6	10481	0.000	6	10481	0.002	6	10481	0.002
06:00 - 06:30	6	10481	0.005	6	10481	0.000	6	10481	0.005
06:30 - 07:00	6	10481	0.014	6	10481	0.000	6	10481	0.014
07:00 - 07:30	19	10857	0.009	19	10857	0.002	19	10857	0.011
07:30 - 08:00	19	10857	0.020	19	10857	0.006	19	10857	0.026
08:00 - 08:30	19	10857	0.018	19	10857	0.003	19	10857	0.021
08:30 - 09:00	19	10857	0.018	19	10857	0.011	19	10857	0.029
09:00 - 09:30	19	10857	0.013	19	10857	0.008	19	10857	0.021
09:30 - 10:00	19	10857	0.007	19	10857	0.006	19	10857	0.013
10:00 - 10:30	19	10857	0.006	19	10857	0.005	19	10857	0.011
10:30 - 11:00	19	10857	0.006	19	10857	0.008	19	10857	0.014
11:00 - 11:30	19	10857	0.013	19	10857	0.011	19	10857	0.024
11:30 - 12:00	19	10857	0.011	19	10857	0.012	19	10857	0.023
12:00 - 12:30	19	10857	0.017	19	10857	0.019	19	10857	0.036
12:30 - 13:00	19	10857	0.017	19	10857	0.021	19	10857	0.038
13:00 - 13:30	19	10857	0.021	19	10857	0.019	19	10857	0.040
13:30 - 14:00	19	10857	0.016	19	10857	0.020	19	10857	0.036
14:00 - 14:30	19	10857	0.017	19	10857	0.018	19	10857	0.035
14:30 - 15:00	19	10857	0.016	19	10857	0.010	19	10857	0.026
15:00 - 15:30	19	10857	0.014	19	10857	0.013	19	10857	0.027
15:30 - 16:00	19	10857	0.012	19	10857	0.009	19	10857	0.021
16:00 - 16:30	19	10857	0.009	19	10857	0.021	19	10857	0.030
16:30 - 17:00	19	10857	0.011	19	10857	0.016	19	10857	0.027
17:00 - 17:30	19	10857	0.009	19	10857	0.027	19	10857	0.036
17:30 - 18:00	19	10857	0.009	19	10857	0.017	19	10857	0.026
18:00 - 18:30	19	10857	0.010	19	10857	0.015	19	10857	0.025
18:30 - 19:00	19	10857	0.003	19	10857	0.009	19	10857	0.012
19:00 - 19:30	6	10481	0.006	6	10481	0.021	6	10481	0.027
19:30 - 20:00	6	10481	0.003	6	10481	0.017	6	10481	0.020
20:00 - 20:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:30 - 21:00	6	10481	0.002	6	10481	0.002	6	10481	0.004
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.332			0.348			0.680

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
05:30 - 06:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:00 - 06:30	6	10481	0.002	6	10481	0.000	6	10481	0.002
06:30 - 07:00	6	10481	0.003	6	10481	0.000	6	10481	0.003
07:00 - 07:30	19	10857	0.002	19	10857	0.000	19	10857	0.002
07:30 - 08:00	19	10857	0.006	19	10857	0.000	19	10857	0.006
08:00 - 08:30	19	10857	0.006	19	10857	0.000	19	10857	0.006
08:30 - 09:00	19	10857	0.010	19	10857	0.000	19	10857	0.010
09:00 - 09:30	19	10857	0.007	19	10857	0.000	19	10857	0.007
09:30 - 10:00	19	10857	0.003	19	10857	0.001	19	10857	0.004
10:00 - 10:30	19	10857	0.002	19	10857	0.001	19	10857	0.003
10:30 - 11:00	19	10857	0.002	19	10857	0.001	19	10857	0.003
11:00 - 11:30	19	10857	0.001	19	10857	0.001	19	10857	0.002
11:30 - 12:00	19	10857	0.000	19	10857	0.001	19	10857	0.001
12:00 - 12:30	19	10857	0.003	19	10857	0.002	19	10857	0.005
12:30 - 13:00	19	10857	0.001	19	10857	0.002	19	10857	0.003
13:00 - 13:30	19	10857	0.004	19	10857	0.003	19	10857	0.007
13:30 - 14:00	19	10857	0.004	19	10857	0.003	19	10857	0.007
14:00 - 14:30	19	10857	0.000	19	10857	0.003	19	10857	0.003
14:30 - 15:00	19	10857	0.001	19	10857	0.001	19	10857	0.002
15:00 - 15:30	19	10857	0.000	19	10857	0.003	19	10857	0.003
15:30 - 16:00	19	10857	0.000	19	10857	0.004	19	10857	0.004
16:00 - 16:30	19	10857	0.000	19	10857	0.004	19	10857	0.004
16:30 - 17:00	19	10857	0.001	19	10857	0.002	19	10857	0.003
17:00 - 17:30	19	10857	0.002	19	10857	0.006	19	10857	0.008
17:30 - 18:00	19	10857	0.000	19	10857	0.004	19	10857	0.004
18:00 - 18:30	19	10857	0.000	19	10857	0.005	19	10857	0.005
18:30 - 19:00	19	10857	0.000	19	10857	0.003	19	10857	0.003
19:00 - 19:30	6	10481	0.000	6	10481	0.002	6	10481	0.002
19:30 - 20:00	6	10481	0.000	6	10481	0.002	6	10481	0.002
20:00 - 20:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:30 - 21:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.060			0.054			0.114

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL TOTAL RAIL PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
05:30 - 06:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:00 - 06:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:30 - 07:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
07:00 - 07:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
07:30 - 08:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
08:00 - 08:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
08:30 - 09:00	19	10857	0.001	19	10857	0.000	19	10857	0.001
09:00 - 09:30	19	10857	0.001	19	10857	0.000	19	10857	0.001
09:30 - 10:00	19	10857	0.002	19	10857	0.000	19	10857	0.002
10:00 - 10:30	19	10857	0.001	19	10857	0.000	19	10857	0.001
10:30 - 11:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
11:00 - 11:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
11:30 - 12:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
12:00 - 12:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
12:30 - 13:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
13:00 - 13:30	19	10857	0.000	19	10857	0.001	19	10857	0.001
13:30 - 14:00	19	10857	0.000	19	10857	0.001	19	10857	0.001
14:00 - 14:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
14:30 - 15:00	19	10857	0.000	19	10857	0.001	19	10857	0.001
15:00 - 15:30	19	10857	0.000	19	10857	0.001	19	10857	0.001
15:30 - 16:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
16:00 - 16:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
16:30 - 17:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
17:00 - 17:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
17:30 - 18:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
18:00 - 18:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
18:30 - 19:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
19:00 - 19:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
19:30 - 20:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:00 - 20:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:30 - 21:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.005			0.004			0.009

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL COACH PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
05:30 - 06:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:00 - 06:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:30 - 07:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
07:00 - 07:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
07:30 - 08:00	19	10857	0.001	19	10857	0.003	19	10857	0.004
08:00 - 08:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
08:30 - 09:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
09:00 - 09:30	19	10857	0.003	19	10857	0.000	19	10857	0.003
09:30 - 10:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
10:00 - 10:30	19	10857	0.001	19	10857	0.001	19	10857	0.002
10:30 - 11:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
11:00 - 11:30	19	10857	0.000	19	10857	0.001	19	10857	0.001
11:30 - 12:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
12:00 - 12:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
12:30 - 13:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
13:00 - 13:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
13:30 - 14:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
14:00 - 14:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
14:30 - 15:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
15:00 - 15:30	19	10857	0.000	19	10857	0.002	19	10857	0.002
15:30 - 16:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
16:00 - 16:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
16:30 - 17:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
17:00 - 17:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
17:30 - 18:00	19	10857	0.003	19	10857	0.003	19	10857	0.006
18:00 - 18:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
18:30 - 19:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
19:00 - 19:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
19:30 - 20:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:00 - 20:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:30 - 21:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.008			0.010			0.018

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE
 MULTI-MODAL PUBLIC TRANSPORT USERS
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
05:30 - 06:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:00 - 06:30	6	10481	0.002	6	10481	0.000	6	10481	0.002
06:30 - 07:00	6	10481	0.003	6	10481	0.000	6	10481	0.003
07:00 - 07:30	19	10857	0.002	19	10857	0.000	19	10857	0.002
07:30 - 08:00	19	10857	0.007	19	10857	0.003	19	10857	0.010
08:00 - 08:30	19	10857	0.006	19	10857	0.000	19	10857	0.006
08:30 - 09:00	19	10857	0.011	19	10857	0.000	19	10857	0.011
09:00 - 09:30	19	10857	0.012	19	10857	0.000	19	10857	0.012
09:30 - 10:00	19	10857	0.005	19	10857	0.001	19	10857	0.006
10:00 - 10:30	19	10857	0.004	19	10857	0.002	19	10857	0.006
10:30 - 11:00	19	10857	0.002	19	10857	0.001	19	10857	0.003
11:00 - 11:30	19	10857	0.001	19	10857	0.002	19	10857	0.003
11:30 - 12:00	19	10857	0.000	19	10857	0.001	19	10857	0.001
12:00 - 12:30	19	10857	0.003	19	10857	0.003	19	10857	0.006
12:30 - 13:00	19	10857	0.001	19	10857	0.002	19	10857	0.003
13:00 - 13:30	19	10857	0.004	19	10857	0.004	19	10857	0.008
13:30 - 14:00	19	10857	0.004	19	10857	0.004	19	10857	0.008
14:00 - 14:30	19	10857	0.000	19	10857	0.003	19	10857	0.003
14:30 - 15:00	19	10857	0.001	19	10857	0.003	19	10857	0.004
15:00 - 15:30	19	10857	0.000	19	10857	0.007	19	10857	0.007
15:30 - 16:00	19	10857	0.000	19	10857	0.004	19	10857	0.004
16:00 - 16:30	19	10857	0.000	19	10857	0.004	19	10857	0.004
16:30 - 17:00	19	10857	0.001	19	10857	0.002	19	10857	0.003
17:00 - 17:30	19	10857	0.002	19	10857	0.006	19	10857	0.008
17:30 - 18:00	19	10857	0.004	19	10857	0.007	19	10857	0.011
18:00 - 18:30	19	10857	0.000	19	10857	0.006	19	10857	0.006
18:30 - 19:00	19	10857	0.000	19	10857	0.003	19	10857	0.003
19:00 - 19:30	6	10481	0.000	6	10481	0.002	6	10481	0.002
19:30 - 20:00	6	10481	0.000	6	10481	0.002	6	10481	0.002
20:00 - 20:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:30 - 21:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.075			0.072			0.147

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 1.38

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.033	6	10481	0.002	6	10481	0.035
05:30 - 06:00	6	10481	0.081	6	10481	0.010	6	10481	0.091
06:00 - 06:30	6	10481	0.064	6	10481	0.016	6	10481	0.080
06:30 - 07:00	6	10481	0.137	6	10481	0.022	6	10481	0.159
07:00 - 07:30	19	10857	0.150	19	10857	0.032	19	10857	0.182
07:30 - 08:00	19	10857	0.261	19	10857	0.070	19	10857	0.331
08:00 - 08:30	19	10857	0.286	19	10857	0.113	19	10857	0.399
08:30 - 09:00	19	10857	0.266	19	10857	0.119	19	10857	0.385
09:00 - 09:30	19	10857	0.241	19	10857	0.147	19	10857	0.388
09:30 - 10:00	19	10857	0.177	19	10857	0.140	19	10857	0.317
10:00 - 10:30	19	10857	0.197	19	10857	0.150	19	10857	0.347
10:30 - 11:00	19	10857	0.158	19	10857	0.137	19	10857	0.295
11:00 - 11:30	19	10857	0.148	19	10857	0.149	19	10857	0.297
11:30 - 12:00	19	10857	0.165	19	10857	0.158	19	10857	0.323
12:00 - 12:30	19	10857	0.179	19	10857	0.204	19	10857	0.383
12:30 - 13:00	19	10857	0.163	19	10857	0.199	19	10857	0.362
13:00 - 13:30	19	10857	0.177	19	10857	0.171	19	10857	0.348
13:30 - 14:00	19	10857	0.170	19	10857	0.193	19	10857	0.363
14:00 - 14:30	19	10857	0.167	19	10857	0.183	19	10857	0.350
14:30 - 15:00	19	10857	0.182	19	10857	0.177	19	10857	0.359
15:00 - 15:30	19	10857	0.127	19	10857	0.203	19	10857	0.330
15:30 - 16:00	19	10857	0.152	19	10857	0.183	19	10857	0.335
16:00 - 16:30	19	10857	0.208	19	10857	0.237	19	10857	0.445
16:30 - 17:00	19	10857	0.192	19	10857	0.277	19	10857	0.469
17:00 - 17:30	19	10857	0.123	19	10857	0.319	19	10857	0.442
17:30 - 18:00	19	10857	0.131	19	10857	0.256	19	10857	0.387
18:00 - 18:30	19	10857	0.069	19	10857	0.155	19	10857	0.224
18:30 - 19:00	19	10857	0.039	19	10857	0.110	19	10857	0.149
19:00 - 19:30	6	10481	0.059	6	10481	0.102	6	10481	0.161
19:30 - 20:00	6	10481	0.043	6	10481	0.122	6	10481	0.165
20:00 - 20:30	6	10481	0.008	6	10481	0.052	6	10481	0.060
20:30 - 21:00	6	10481	0.010	6	10481	0.021	6	10481	0.031
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			4.563			4.429			8.992

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL CARS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.029	6	10481	0.000	6	10481	0.029
05:30 - 06:00	6	10481	0.059	6	10481	0.003	6	10481	0.062
06:00 - 06:30	6	10481	0.032	6	10481	0.014	6	10481	0.046
06:30 - 07:00	6	10481	0.075	6	10481	0.010	6	10481	0.085
07:00 - 07:30	19	10857	0.078	19	10857	0.008	19	10857	0.086
07:30 - 08:00	19	10857	0.127	19	10857	0.019	19	10857	0.146
08:00 - 08:30	19	10857	0.150	19	10857	0.037	19	10857	0.187
08:30 - 09:00	19	10857	0.131	19	10857	0.036	19	10857	0.167
09:00 - 09:30	19	10857	0.109	19	10857	0.052	19	10857	0.161
09:30 - 10:00	19	10857	0.069	19	10857	0.053	19	10857	0.122
10:00 - 10:30	19	10857	0.090	19	10857	0.053	19	10857	0.143
10:30 - 11:00	19	10857	0.062	19	10857	0.050	19	10857	0.112
11:00 - 11:30	19	10857	0.059	19	10857	0.057	19	10857	0.116
11:30 - 12:00	19	10857	0.068	19	10857	0.068	19	10857	0.136
12:00 - 12:30	19	10857	0.066	19	10857	0.089	19	10857	0.155
12:30 - 13:00	19	10857	0.073	19	10857	0.084	19	10857	0.157
13:00 - 13:30	19	10857	0.077	19	10857	0.069	19	10857	0.146
13:30 - 14:00	19	10857	0.065	19	10857	0.082	19	10857	0.147
14:00 - 14:30	19	10857	0.074	19	10857	0.084	19	10857	0.158
14:30 - 15:00	19	10857	0.066	19	10857	0.081	19	10857	0.147
15:00 - 15:30	19	10857	0.053	19	10857	0.096	19	10857	0.149
15:30 - 16:00	19	10857	0.054	19	10857	0.085	19	10857	0.139
16:00 - 16:30	19	10857	0.082	19	10857	0.115	19	10857	0.197
16:30 - 17:00	19	10857	0.093	19	10857	0.161	19	10857	0.254
17:00 - 17:30	19	10857	0.061	19	10857	0.177	19	10857	0.238
17:30 - 18:00	19	10857	0.067	19	10857	0.133	19	10857	0.200
18:00 - 18:30	19	10857	0.033	19	10857	0.077	19	10857	0.110
18:30 - 19:00	19	10857	0.026	19	10857	0.052	19	10857	0.078
19:00 - 19:30	6	10481	0.048	6	10481	0.059	6	10481	0.107
19:30 - 20:00	6	10481	0.038	6	10481	0.084	6	10481	0.122
20:00 - 20:30	6	10481	0.005	6	10481	0.038	6	10481	0.043
20:30 - 21:00	6	10481	0.005	6	10481	0.014	6	10481	0.019
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			2.124			2.040			4.164

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE

MULTI-MODAL LGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
05:30 - 06:00	6	10481	0.010	6	10481	0.003	6	10481	0.013
06:00 - 06:30	6	10481	0.006	6	10481	0.002	6	10481	0.008
06:30 - 07:00	6	10481	0.016	6	10481	0.006	6	10481	0.022
07:00 - 07:30	19	10857	0.030	19	10857	0.009	19	10857	0.039
07:30 - 08:00	19	10857	0.054	19	10857	0.024	19	10857	0.078
08:00 - 08:30	19	10857	0.047	19	10857	0.041	19	10857	0.088
08:30 - 09:00	19	10857	0.045	19	10857	0.045	19	10857	0.090
09:00 - 09:30	19	10857	0.049	19	10857	0.049	19	10857	0.098
09:30 - 10:00	19	10857	0.049	19	10857	0.043	19	10857	0.092
10:00 - 10:30	19	10857	0.048	19	10857	0.053	19	10857	0.101
10:30 - 11:00	19	10857	0.048	19	10857	0.048	19	10857	0.096
11:00 - 11:30	19	10857	0.043	19	10857	0.044	19	10857	0.087
11:30 - 12:00	19	10857	0.048	19	10857	0.041	19	10857	0.089
12:00 - 12:30	19	10857	0.044	19	10857	0.050	19	10857	0.094
12:30 - 13:00	19	10857	0.036	19	10857	0.039	19	10857	0.075
13:00 - 13:30	19	10857	0.035	19	10857	0.037	19	10857	0.072
13:30 - 14:00	19	10857	0.046	19	10857	0.037	19	10857	0.083
14:00 - 14:30	19	10857	0.037	19	10857	0.038	19	10857	0.075
14:30 - 15:00	19	10857	0.042	19	10857	0.044	19	10857	0.086
15:00 - 15:30	19	10857	0.030	19	10857	0.033	19	10857	0.063
15:30 - 16:00	19	10857	0.034	19	10857	0.035	19	10857	0.069
16:00 - 16:30	19	10857	0.043	19	10857	0.038	19	10857	0.081
16:30 - 17:00	19	10857	0.027	19	10857	0.041	19	10857	0.068
17:00 - 17:30	19	10857	0.017	19	10857	0.032	19	10857	0.049
17:30 - 18:00	19	10857	0.011	19	10857	0.025	19	10857	0.036
18:00 - 18:30	19	10857	0.003	19	10857	0.014	19	10857	0.017
18:30 - 19:00	19	10857	0.004	19	10857	0.010	19	10857	0.014
19:00 - 19:30	6	10481	0.003	6	10481	0.008	6	10481	0.011
19:30 - 20:00	6	10481	0.002	6	10481	0.003	6	10481	0.005
20:00 - 20:30	6	10481	0.002	6	10481	0.010	6	10481	0.012
20:30 - 21:00	6	10481	0.002	6	10481	0.005	6	10481	0.007
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.911			0.907			1.818

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 02 - EMPLOYMENT/D - INDUSTRIAL ESTATE
 MULTI-MODAL MOTOR CYCLES
 Calculation factor: 100 sqm
 BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
05:30 - 06:00	6	10481	0.003	6	10481	0.000	6	10481	0.003
06:00 - 06:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
06:30 - 07:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
07:00 - 07:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
07:30 - 08:00	19	10857	0.001	19	10857	0.000	19	10857	0.001
08:00 - 08:30	19	10857	0.002	19	10857	0.000	19	10857	0.002
08:30 - 09:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
09:00 - 09:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
09:30 - 10:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
10:00 - 10:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
10:30 - 11:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
11:00 - 11:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
11:30 - 12:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
12:00 - 12:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
12:30 - 13:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
13:00 - 13:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
13:30 - 14:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
14:00 - 14:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
14:30 - 15:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
15:00 - 15:30	19	10857	0.000	19	10857	0.000	19	10857	0.000
15:30 - 16:00	19	10857	0.000	19	10857	0.001	19	10857	0.001
16:00 - 16:30	19	10857	0.000	19	10857	0.001	19	10857	0.001
16:30 - 17:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
17:00 - 17:30	19	10857	0.000	19	10857	0.001	19	10857	0.001
17:30 - 18:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
18:00 - 18:30	19	10857	0.000	19	10857	0.001	19	10857	0.001
18:30 - 19:00	19	10857	0.000	19	10857	0.000	19	10857	0.000
19:00 - 19:30	6	10481	0.000	6	10481	0.002	6	10481	0.002
19:30 - 20:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:00 - 20:30	6	10481	0.000	6	10481	0.000	6	10481	0.000
20:30 - 21:00	6	10481	0.000	6	10481	0.000	6	10481	0.000
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.006			0.006			0.012

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.

Steer Davies Gleave Albion Street Leeds

Licence No: 720101

Filtering Summary

Land Use	02/F	EMPLOYMENT/WAREHOUSING (COMMERCIAL)
Selected Trip Rate Calculation Parameter Range	3824-80100 sqm GFA	
Actual Trip Rate Calculation Parameter Range	6560-80100 sqm GFA	
Date Range	Minimum: 01/01/10	Maximum: 22/11/21
Parking Spaces Range	All Surveys Included	
Days of the week selected	Monday	2
	Tuesday	1
	Friday	1
Main Location Types selected	Suburban Area (PPS6 Out of Centre)	1
	Edge of Town	2
	Free Standing (PPS6 Out of Town)	1
Population within 500m	All Surveys Included	
Population <1 Mile ranges selected	1,001 to 5,000	1
	10,001 to 15,000	2
	25,001 to 50,000	1
Population <5 Mile ranges selected	25,001 to 50,000	1
	100,001 to 125,000	1
	125,001 to 250,000	2
Car Ownership <5 Mile ranges selected	1.1 to 1.5	4
PTAL Rating	No PTAL Present	4
Filter by Site Operations Breakdown	All Surveys Included	

Calculation Reference: AUDIT-720101-220526-0522

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : F - WAREHOUSING (COMMERCIAL)
 MULTI-MODAL TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
03	SOUTH WEST	
	DV DEVON	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	SY SOUTH YORKSHIRE	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

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: Gross floor area
 Actual Range: 6560 to 80100 (units: sqm)
 Range Selected by User: 3824 to 80100 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/10 to 22/11/21

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
Friday	1 days

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

Selected survey types:

Manual count	4 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 undertaken using machines.

Selected Locations:

Suburban Area (PPS6 Out of Centre)	1
Edge of Town	2
Free Standing (PPS6 Out of Town)	1

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:

Industrial Zone	2
Out of Town	1
No Sub Category	1

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.

Secondary Filtering selection:

Use Class:

n/a	1 days
B8	3 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

Population within 1 mile:

1,001 to 5,000	1 days
10,001 to 15,000	2 days
25,001 to 50,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

25,001 to 50,000	1 days
100,001 to 125,000	1 days
125,001 to 250,000	2 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

1.1 to 1.5	4 days
------------	--------

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	4 days
----	--------

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	4 days
-----------------	--------

This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

Site(1):	DV-02-F-03	Gross floor area:	49081 sqm
Development Name:	LIDL DISTRIBUTION CENTRE	Parking spaces:	647
Location:	NEAR EXETER	No of Employees:	740
Postcode:	EX5 2DU	Survey Date:	22/11/21
Main Location Type:	Free Standing (PPS6 Out of Town)	Survey Day:	Monday
Sub-Location Type:	Out of Town		
PTAL:	n/a		
Site(2):	EX-02-F-01	Gross floor area:	6560 sqm
Development Name:	SPORTS SUPPLEMENTS	Parking spaces:	224
Location:	COLCHESTER	No of Employees:	60
Postcode:	CO4 9XP	Survey Date:	18/05/18
Main Location Type:	Edge of Town	Survey Day:	Friday
Sub-Location Type:	Industrial Zone		
PTAL:	n/a		
Site(3):	LN-02-F-01	Gross floor area:	32300 sqm
Development Name:	BOOK SERVICE	Parking spaces:	83
Location:	GRANTHAM	No of Employees:	131
Postcode:	NG31 7XQ	Survey Date:	29/11/10
Main Location Type:	Edge of Town	Survey Day:	Monday
Sub-Location Type:	No Sub Category		
PTAL:	n/a		
Site(4):	SY-02-F-01	Gross floor area:	80100 sqm
Development Name:	TESCO DISTRIBUTION CENTRE	Parking spaces:	626
Location:	DONCASTER	No of Employees:	580
Postcode:	DN4 7JJ	Survey Date:	21/09/21
Main Location Type:	Suburban Area (PPS6 Out of Centre)	Survey Day:	Tuesday
Sub-Location Type:	Industrial Zone		
PTAL:	n/a		

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

MULTI-MODAL TOTAL VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 1.20

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	64591	0.142	2	64591	0.039	2	64591	0.181
06:00 - 07:00	2	64591	0.053	2	64591	0.098	2	64591	0.151
07:00 - 08:00	4	42010	0.055	4	42010	0.030	4	42010	0.085
08:00 - 09:00	4	42010	0.095	4	42010	0.037	4	42010	0.132
09:00 - 10:00	4	42010	0.080	4	42010	0.057	4	42010	0.137
10:00 - 11:00	4	42010	0.071	4	42010	0.062	4	42010	0.133
11:00 - 12:00	4	42010	0.065	4	42010	0.061	4	42010	0.126
12:00 - 13:00	4	42010	0.076	4	42010	0.094	4	42010	0.170
13:00 - 14:00	4	42010	0.086	4	42010	0.071	4	42010	0.157
14:00 - 15:00	4	42010	0.058	4	42010	0.127	4	42010	0.185
15:00 - 16:00	4	42010	0.052	4	42010	0.061	4	42010	0.113
16:00 - 17:00	4	42010	0.038	4	42010	0.048	4	42010	0.086
17:00 - 18:00	4	42010	0.047	4	42010	0.060	4	42010	0.107
18:00 - 19:00	4	42010	0.027	4	42010	0.067	4	42010	0.094
19:00 - 20:00	2	64591	0.032	2	64591	0.038	2	64591	0.070
20:00 - 21:00	2	64591	0.036	2	64591	0.039	2	64591	0.075
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.013			0.989			2.002

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.

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Parameter summary

Trip rate parameter range selected:	6560 - 80100 (units: sqm)
Survey date range:	01/01/10 - 22/11/21
Number of weekdays (Monday-Friday):	4
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are shown. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

MULTI-MODAL TAXIS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	64591	0.001	2	64591	0.001	2	64591	0.002
06:00 - 07:00	2	64591	0.001	2	64591	0.001	2	64591	0.002
07:00 - 08:00	4	42010	0.000	4	42010	0.000	4	42010	0.000
08:00 - 09:00	4	42010	0.001	4	42010	0.001	4	42010	0.002
09:00 - 10:00	4	42010	0.002	4	42010	0.002	4	42010	0.004
10:00 - 11:00	4	42010	0.000	4	42010	0.000	4	42010	0.000
11:00 - 12:00	4	42010	0.001	4	42010	0.001	4	42010	0.002
12:00 - 13:00	4	42010	0.001	4	42010	0.001	4	42010	0.002
13:00 - 14:00	4	42010	0.000	4	42010	0.000	4	42010	0.000
14:00 - 15:00	4	42010	0.000	4	42010	0.000	4	42010	0.000
15:00 - 16:00	4	42010	0.000	4	42010	0.000	4	42010	0.000
16:00 - 17:00	4	42010	0.001	4	42010	0.001	4	42010	0.002
17:00 - 18:00	4	42010	0.000	4	42010	0.000	4	42010	0.000
18:00 - 19:00	4	42010	0.000	4	42010	0.000	4	42010	0.000
19:00 - 20:00	2	64591	0.001	2	64591	0.001	2	64591	0.002
20:00 - 21:00	2	64591	0.000	2	64591	0.000	2	64591	0.000
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.009			0.009			0.018

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 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

MULTI-MODAL OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	64591	0.015	2	64591	0.008	2	64591	0.023
06:00 - 07:00	2	64591	0.021	2	64591	0.013	2	64591	0.034
07:00 - 08:00	4	42010	0.026	4	42010	0.021	4	42010	0.047
08:00 - 09:00	4	42010	0.027	4	42010	0.021	4	42010	0.048
09:00 - 10:00	4	42010	0.036	4	42010	0.027	4	42010	0.063
10:00 - 11:00	4	42010	0.039	4	42010	0.037	4	42010	0.076
11:00 - 12:00	4	42010	0.027	4	42010	0.023	4	42010	0.050
12:00 - 13:00	4	42010	0.026	4	42010	0.032	4	42010	0.058
13:00 - 14:00	4	42010	0.018	4	42010	0.027	4	42010	0.045
14:00 - 15:00	4	42010	0.023	4	42010	0.026	4	42010	0.049
15:00 - 16:00	4	42010	0.025	4	42010	0.022	4	42010	0.047
16:00 - 17:00	4	42010	0.016	4	42010	0.014	4	42010	0.030
17:00 - 18:00	4	42010	0.026	4	42010	0.021	4	42010	0.047
18:00 - 19:00	4	42010	0.012	4	42010	0.023	4	42010	0.035
19:00 - 20:00	2	64591	0.013	2	64591	0.022	2	64591	0.035
20:00 - 21:00	2	64591	0.015	2	64591	0.019	2	64591	0.034
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.365			0.356			0.721

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 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

MULTI-MODAL CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	64591	0.005	2	64591	0.000	2	64591	0.005
06:00 - 07:00	2	64591	0.000	2	64591	0.001	2	64591	0.001
07:00 - 08:00	4	42010	0.001	4	42010	0.000	4	42010	0.001
08:00 - 09:00	4	42010	0.001	4	42010	0.000	4	42010	0.001
09:00 - 10:00	4	42010	0.001	4	42010	0.000	4	42010	0.001
10:00 - 11:00	4	42010	0.002	4	42010	0.001	4	42010	0.003
11:00 - 12:00	4	42010	0.000	4	42010	0.001	4	42010	0.001
12:00 - 13:00	4	42010	0.001	4	42010	0.000	4	42010	0.001
13:00 - 14:00	4	42010	0.004	4	42010	0.001	4	42010	0.005
14:00 - 15:00	4	42010	0.000	4	42010	0.003	4	42010	0.003
15:00 - 16:00	4	42010	0.000	4	42010	0.001	4	42010	0.001
16:00 - 17:00	4	42010	0.000	4	42010	0.001	4	42010	0.001
17:00 - 18:00	4	42010	0.001	4	42010	0.001	4	42010	0.002
18:00 - 19:00	4	42010	0.001	4	42010	0.001	4	42010	0.002
19:00 - 20:00	2	64591	0.000	2	64591	0.006	2	64591	0.006
20:00 - 21:00	2	64591	0.001	2	64591	0.000	2	64591	0.001
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.018			0.017			0.035

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 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

MULTI-MODAL VEHICLE OCCUPANTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	64591	0.151	2	64591	0.039	2	64591	0.190
06:00 - 07:00	2	64591	0.054	2	64591	0.099	2	64591	0.153
07:00 - 08:00	4	42010	0.058	4	42010	0.030	4	42010	0.088
08:00 - 09:00	4	42010	0.109	4	42010	0.037	4	42010	0.146
09:00 - 10:00	4	42010	0.087	4	42010	0.059	4	42010	0.146
10:00 - 11:00	4	42010	0.072	4	42010	0.062	4	42010	0.134
11:00 - 12:00	4	42010	0.070	4	42010	0.065	4	42010	0.135
12:00 - 13:00	4	42010	0.083	4	42010	0.099	4	42010	0.182
13:00 - 14:00	4	42010	0.090	4	42010	0.078	4	42010	0.168
14:00 - 15:00	4	42010	0.060	4	42010	0.145	4	42010	0.205
15:00 - 16:00	4	42010	0.053	4	42010	0.066	4	42010	0.119
16:00 - 17:00	4	42010	0.037	4	42010	0.053	4	42010	0.090
17:00 - 18:00	4	42010	0.046	4	42010	0.071	4	42010	0.117
18:00 - 19:00	4	42010	0.029	4	42010	0.077	4	42010	0.106
19:00 - 20:00	2	64591	0.030	2	64591	0.039	2	64591	0.069
20:00 - 21:00	2	64591	0.038	2	64591	0.041	2	64591	0.079
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.067			1.060			2.127

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 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

MULTI-MODAL PEDESTRIANS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	64591	0.012	2	64591	0.015	2	64591	0.027
06:00 - 07:00	2	64591	0.009	2	64591	0.000	2	64591	0.009
07:00 - 08:00	4	42010	0.003	4	42010	0.001	4	42010	0.004
08:00 - 09:00	4	42010	0.004	4	42010	0.000	4	42010	0.004
09:00 - 10:00	4	42010	0.019	4	42010	0.000	4	42010	0.019
10:00 - 11:00	4	42010	0.002	4	42010	0.001	4	42010	0.003
11:00 - 12:00	4	42010	0.008	4	42010	0.001	4	42010	0.009
12:00 - 13:00	4	42010	0.006	4	42010	0.002	4	42010	0.008
13:00 - 14:00	4	42010	0.005	4	42010	0.002	4	42010	0.007
14:00 - 15:00	4	42010	0.000	4	42010	0.007	4	42010	0.007
15:00 - 16:00	4	42010	0.000	4	42010	0.002	4	42010	0.002
16:00 - 17:00	4	42010	0.001	4	42010	0.014	4	42010	0.015
17:00 - 18:00	4	42010	0.004	4	42010	0.002	4	42010	0.006
18:00 - 19:00	4	42010	0.001	4	42010	0.007	4	42010	0.008
19:00 - 20:00	2	64591	0.002	2	64591	0.019	2	64591	0.021
20:00 - 21:00	2	64591	0.004	2	64591	0.014	2	64591	0.018
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.080			0.087			0.167

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 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

MULTI-MODAL BUS/TRAM PASSENGERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	64591	0.009	2	64591	0.005	2	64591	0.014
06:00 - 07:00	2	64591	0.005	2	64591	0.001	2	64591	0.006
07:00 - 08:00	4	42010	0.002	4	42010	0.001	4	42010	0.003
08:00 - 09:00	4	42010	0.004	4	42010	0.000	4	42010	0.004
09:00 - 10:00	4	42010	0.004	4	42010	0.001	4	42010	0.005
10:00 - 11:00	4	42010	0.000	4	42010	0.002	4	42010	0.002
11:00 - 12:00	4	42010	0.003	4	42010	0.002	4	42010	0.005
12:00 - 13:00	4	42010	0.003	4	42010	0.001	4	42010	0.004
13:00 - 14:00	4	42010	0.006	4	42010	0.001	4	42010	0.007
14:00 - 15:00	4	42010	0.000	4	42010	0.004	4	42010	0.004
15:00 - 16:00	4	42010	0.000	4	42010	0.001	4	42010	0.001
16:00 - 17:00	4	42010	0.001	4	42010	0.002	4	42010	0.003
17:00 - 18:00	4	42010	0.001	4	42010	0.004	4	42010	0.005
18:00 - 19:00	4	42010	0.001	4	42010	0.001	4	42010	0.002
19:00 - 20:00	2	64591	0.001	2	64591	0.006	2	64591	0.007
20:00 - 21:00	2	64591	0.002	2	64591	0.001	2	64591	0.003
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.042			0.033			0.075

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 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

MULTI-MODAL PUBLIC TRANSPORT USERS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	64591	0.009	2	64591	0.005	2	64591	0.014
06:00 - 07:00	2	64591	0.005	2	64591	0.001	2	64591	0.006
07:00 - 08:00	4	42010	0.004	4	42010	0.001	4	42010	0.005
08:00 - 09:00	4	42010	0.004	4	42010	0.000	4	42010	0.004
09:00 - 10:00	4	42010	0.005	4	42010	0.001	4	42010	0.006
10:00 - 11:00	4	42010	0.000	4	42010	0.002	4	42010	0.002
11:00 - 12:00	4	42010	0.003	4	42010	0.002	4	42010	0.005
12:00 - 13:00	4	42010	0.005	4	42010	0.001	4	42010	0.006
13:00 - 14:00	4	42010	0.007	4	42010	0.002	4	42010	0.009
14:00 - 15:00	4	42010	0.000	4	42010	0.005	4	42010	0.005
15:00 - 16:00	4	42010	0.000	4	42010	0.002	4	42010	0.002
16:00 - 17:00	4	42010	0.001	4	42010	0.004	4	42010	0.005
17:00 - 18:00	4	42010	0.001	4	42010	0.004	4	42010	0.005
18:00 - 19:00	4	42010	0.001	4	42010	0.003	4	42010	0.004
19:00 - 20:00	2	64591	0.001	2	64591	0.006	2	64591	0.007
20:00 - 21:00	2	64591	0.002	2	64591	0.001	2	64591	0.003
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.048			0.040			0.088

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 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

MULTI-MODAL TOTAL PEOPLE

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Total People to Total Vehicles ratio (all time periods and directions): 1.20

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	64591	0.177	2	64591	0.059	2	64591	0.236
06:00 - 07:00	2	64591	0.068	2	64591	0.101	2	64591	0.169
07:00 - 08:00	4	42010	0.065	4	42010	0.031	4	42010	0.096
08:00 - 09:00	4	42010	0.117	4	42010	0.037	4	42010	0.154
09:00 - 10:00	4	42010	0.112	4	42010	0.060	4	42010	0.172
10:00 - 11:00	4	42010	0.076	4	42010	0.065	4	42010	0.141
11:00 - 12:00	4	42010	0.080	4	42010	0.069	4	42010	0.149
12:00 - 13:00	4	42010	0.095	4	42010	0.102	4	42010	0.197
13:00 - 14:00	4	42010	0.106	4	42010	0.082	4	42010	0.188
14:00 - 15:00	4	42010	0.060	4	42010	0.160	4	42010	0.220
15:00 - 16:00	4	42010	0.053	4	42010	0.070	4	42010	0.123
16:00 - 17:00	4	42010	0.038	4	42010	0.072	4	42010	0.110
17:00 - 18:00	4	42010	0.052	4	42010	0.077	4	42010	0.129
18:00 - 19:00	4	42010	0.031	4	42010	0.087	4	42010	0.118
19:00 - 20:00	2	64591	0.033	2	64591	0.070	2	64591	0.103
20:00 - 21:00	2	64591	0.045	2	64591	0.056	2	64591	0.101
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			1.208			1.198			2.406

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.