





APPENDIX TS1

PHOTOGRAPHS OF KEY LOCAL HIGHWAY NETWORK FEATURES



Plate TS1(a&b) - Existing Internal Site Car Parking Area



Plate TS2 - Internal Site Car Parking Area (Looking from Main Admin Buildings)



Plate TS3 - HGV Manoeuvring Area to Front of Garage Building
(Separate from Main Car Parking Area)



Plate TS4 - Hanson Springs Site Entrance and Security Lodge



Plate TS5 - Section of Hanson Place / Gorrells Way on Approach to Site Entrance



Plate TS6 - Section of Hanson Place / Gorrells Way on Approach to Site Entrance



Plate TS7 - Gorrells Way / Hanson Place Junction
Looking Towards Canal Bridge on Gorrells Way



Plate TS8 - Gorrells Way Looking East Towards A627(M) Underpass Section



Plate TS9 - Gorrells Way / A664 Queensway Looking South on A664 Queensway



Plate TS10 - Bus Stops on A664 Queensway (Just South of Junction with Gorrells Way)



Plate TS11 - Pedestrian / Cycle connection from Gorrells Way / Corporation Road to Gipsy Lane



GENERAL NOTES

Proposed New Finishing Building

18,100 Sq Ft Building

Storage Area

access road

Hot Coil Building

service area

SITE LOCATION PLAN

Scale 1:11250

PROPOSED SITE PLAN

Scale 1:1200

Proposed Finishing Building

HANSON PLACE,
GORRELS WAY
ROCHDALE OL11 2PX

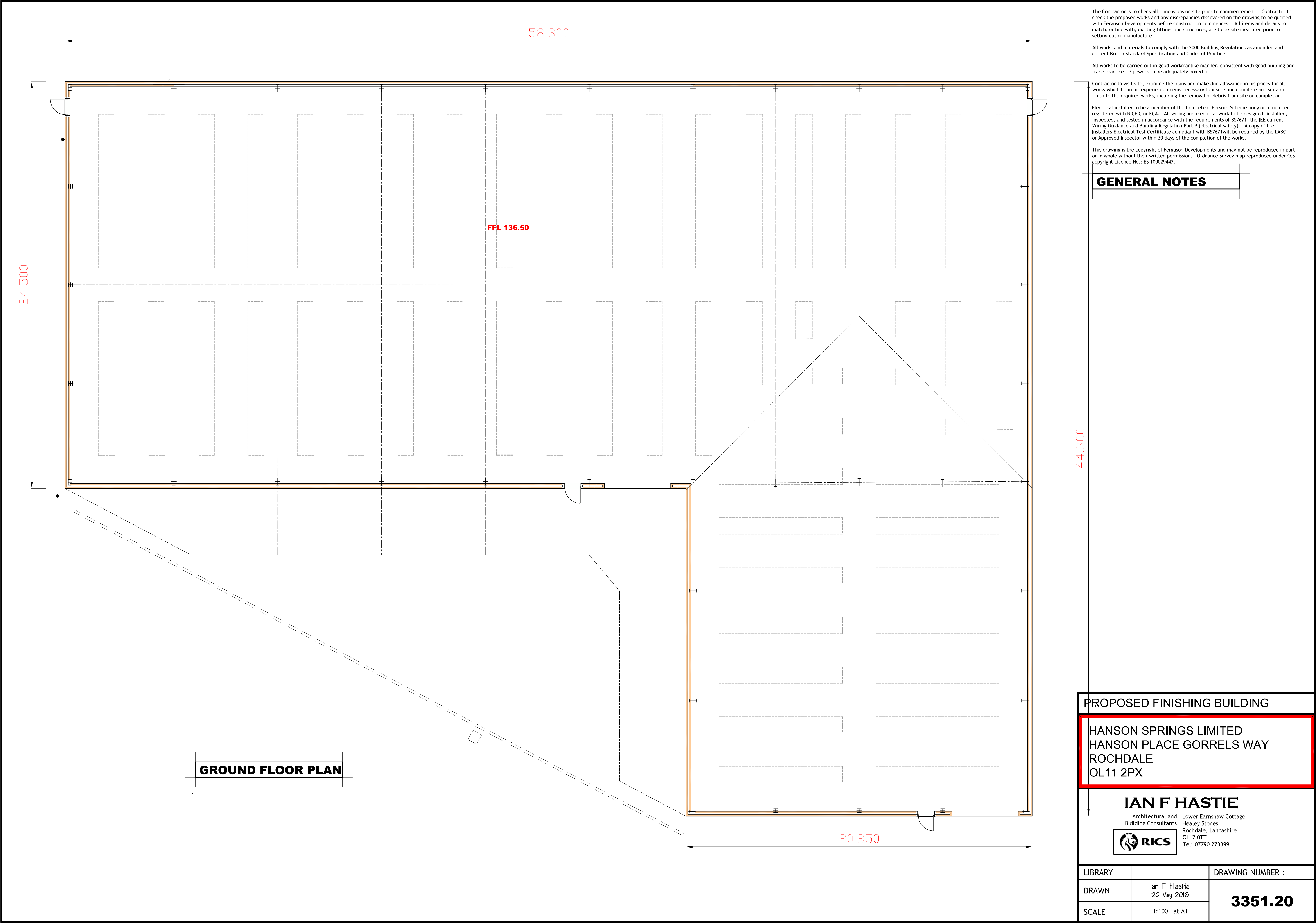
IAN F HASTIE

Architectural and
Building Consultants
Lower Earnshaw Cottage
Healey Stones
Rochdale, Lancashire
OL12 0TT
Tel: 07790 273399



LIBRARY		DRAWING NUMBER :-
DRAWN	Ian F Hastie 20 May 2016	3351.21
SCALE	1:200 at A1	

turning area





Hanson Springs: Thursday 19th September 2024

TIME	IN								Total Veh	OUT								Total Veh
	PEDESTRIAN	CYCLE	M/CYCLE	CAR	LGV	OGV	BUS	TOTAL		PEDESTRIAN	CYCLE	M/CYCLE	CAR	LGV	OGV	BUS	TOTAL	
05:00 - 05:15				5				5	5								0	0
05:15 - 05:30	1			4				5	4								0	0
05:30 - 05:45	1			8				9	8								0	0
05:45 - 06:00	1	2	1	16				20	17				1				1	1
05:00 - 06:00	3	2	1	33	0	0	0	39	34	0	0	0	1	0	0	0	1	1
06:00 - 06:15		1	1	6				8	7				1				1	1
06:15 - 06:30	3			7				10	7								0	0
06:30 - 06:45	4	1		4				9	4								0	0
06:45 - 07:00	2	1		3				6	3								0	0
06:00 - 07:00	9	3	1	20	0	0	0	33	21	0	0	0	1	0	0	0	1	1
07:00 - 07:15				2				2	2				1				1	1
07:15 - 07:30	3			8				11	8				1				1	1
07:30 - 07:45	2			5				7	5								0	0
07:45 - 08:00	3	1	1	5	1			11	7				2		1		3	3
07:00 - 08:00	8	1	1	20	1	0	0	31	22	0	0	0	4	0	1	0	5	5
08:00 - 08:15	3			2				5	2								0	0
08:15 - 08:30	1				1			2	1								0	0
08:30 - 08:45					1			1	1								0	0
08:45 - 09:00	1			1	1			3	2					1			1	1
08:00 - 09:00	5	0	0	3	3	0	0	11	6	0	0	0	0	1	0	0	1	1
09:00 - 09:15				1	1			2	2					1			1	1
09:15 - 09:30				1				1	1								0	0
09:30 - 09:45				1				1	1				2				2	2
09:45 - 10:00				1	1			2	2								0	0
09:00 - 10:00	0	0	0	4	2	0	0	6	6	0	0	0	2	1	0	0	3	3
10:00 - 10:15								0	0	1							1	0
10:15 - 10:30					2			2	2								0	0
10:30 - 10:45				1				1	1				1	1			2	2
10:45 - 11:00						1		1	1	2		1	1				4	2
10:00 - 11:00	0	0	0	1	2	1	0	4	4	3	0	1	2	1	0	0	7	4
11:00 - 11:15	1		1		1			3	2				1				1	1
11:15 - 11:30								0	0					1	1		2	2
11:30 - 11:45						1		1	1				1	1			2	2
11:45 - 12:00	1			2	1			4	3	2			2	1			5	3
11:00 - 12:00	2	0	1	2	2	1	0	8	6	2	0	0	4	3	1	0	10	8
12:00 - 12:15					1			1	1	2	2		3		1		8	4
12:15 - 12:30	3			4	1			8	5	2			1	1			4	2
12:30 - 12:45	1							1	0	2							2	0
12:45 - 13:00	1	1			1	1		4	2	1							1	0

12:00 - 13:00	5	1	0	4	3	1	0	14	8	7	2	0	4	1	1	0	15	6
13:00 - 13:15	1			1				2	1					1			1	1
13:15 - 13:30	1			1				2	1	1			2	2			5	4
13:30 - 13:45				1	1			2	2					1			1	1
13:45 - 14:00								0	0					1			1	1
13:00 - 14:00	2	0	0	3	1	0	0	6	4	1	0	0	2	5	0	0	8	7
14:00 - 14:15					1			1	1	1							1	0
14:15 - 14:30						1		1	1				1	1	1		3	3
14:30 - 14:45					1			1	1	1	2	1	13				17	14
14:45 - 15:00						1		1	1				1	2			3	3
14:00 - 15:00	0	0	0	0	2	2	0	4	4	2	2	1	15	3	1	0	24	20
15:00 - 15:15								0	0	7			7	2			16	9
15:15 - 15:30	1				1			2	1				4		1		5	5
15:30 - 15:45				1				1	1		2		9	1			12	10
15:45 - 16:00				1	1			2	2				4	1			5	5
15:00 - 16:00	1	0	0	2	2	0	0	5	4	7	2	0	24	4	1	0	38	29
16:00 - 16:15								0	0	1			8				9	8
16:15 - 16:30								0	0				4				4	4
16:30 - 16:45						1		1	1	6			8				14	8
16:45 - 17:00								0	0	1			3				4	3
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17:30 - 17:45								0	0	1		1	3				5	4
17:45 - 18:00								0	0								0	0
17:00 - 18:00	0	0	0	3	0	0	0	3	3	5	1	2	15	2	1	0	26	20
18:00 - 18:15								0	0								0	0
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18:30 - 18:45								0	0								0	0
18:45 - 19:00				2				2	2				2				2	2
18:00 - 19:00	0	0	0	2	0	0	0	2	2	0	0	0	2	0	0	0	2	2
TOTAL	35	7	4	97	18	6	0	167	125	35	7	4	99	21	6	0	172	130
07:00-19:00	23	2	2	44	18	6	0	95	70	35	7	4	97	21	6	0	170	128

Hanson Springs: Thursday 26th September 2024

TIME	IN								Total Veh	OUT								Total Veh
	PEDESTRIAN	CYCLE	M/CYCLE	CAR	LGV	OGV	BUS	TOTAL		PEDESTRIAN	CYCLE	M/CYCLE	CAR	LGV	OGV	BUS	TOTAL	
05:00 - 05:15				6				6	6								0	0
05:15 - 05:30				5				5	5								0	0
05:30 - 05:45	2			8	1			11	9								0	0
05:45 - 06:00		1		17	1			19	18				2				2	2
05:00 - 06:00	2	1	0	36	2	0	0	41	38	0	0	0	2	0	0	0	2	2
06:00 - 06:15	1	1		3				5	3								0	0
06:15 - 06:30	3	3		7				13	7								0	0
06:30 - 06:45	3			5				8	5								0	0
06:45 - 07:00	2			7	1			10	8				1				1	1
06:00 - 07:00	9	4	0	22	1	0	0	36	23	0	0	0	1	0	0	0	1	1
07:00 - 07:15	2			4				6	4				1				1	1
07:15 - 07:30	3			4				7	4				1	1			2	2
07:30 - 07:45	2			3				5	3								0	0
07:45 - 08:00	1	1	1	3	1			7	5				1				1	1
07:00 - 08:00	8	1	1	14	1	0	0	25	16	0	0	0	3	1	0	0	4	4
08:00 - 08:15					1			1	1				1				1	1
08:15 - 08:30	2					1		3	1								0	0
08:30 - 08:45	1			3	1			5	4								0	0
08:45 - 09:00				1	1			2	2	1				2			3	2
08:00 - 09:00	3	0	0	4	3	1	0	11	8	1	0	0	1	2	0	0	4	3
09:00 - 09:15	1			1	1			3	2					1			1	1
09:15 - 09:30					1	1		2	2	1				1	1		3	2
09:30 - 09:45				1	1	1		3	3					1			1	1
09:45 - 10:00								0	0				1				1	1
09:00 - 10:00	1	0	0	2	3	2	0	8	7	1	0	0	1	3	1	0	6	5
10:00 - 10:15				1	1			2	2				2		1		3	3
10:15 - 10:30						1		1	1				1	1			2	2
10:30 - 10:45								0	0				2				2	2
10:45 - 11:00								0	0				1	1	1		3	3
10:00 - 11:00	0	0	0	1	1	1	0	3	3	0	0	0	6	2	2	0	10	10
11:00 - 11:15				2	1			3	3				1		1		2	2
11:15 - 11:30				1	1			2	2	1			1	1			3	2
11:30 - 11:45				2	1			3	3					1			1	1
11:45 - 12:00					1			1	1	1			1	1			3	2
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12:15 - 12:30	1				1			2	1	1	1		2				4	2
12:30 - 12:45	1			1				2	1	1			1				2	1
12:45 - 13:00		1		2				3	2	1			1	1			3	2

12:00 - 13:00	3	1	0	3	1	0	0	8	4	4	2	0	5	1	0	0	12	6
13:00 - 13:15	1			1				2	1							1	1	1
13:15 - 13:30				1		1		2	2	1			1				2	1
13:30 - 13:45				1		1		2	2	1			3		1		5	4
13:45 - 14:00				1	2	1		4	4					3	1		4	4
13:00 - 14:00	1	0	0	4	2	3	0	10	9	2	0	0	4	3	2	1	12	10
14:00 - 14:15						2		2	2	1					2		3	2
14:15 - 14:30				1	1	1		3	3								0	0
14:30 - 14:45								0	0	1			15	3			19	18
14:45 - 15:00								0	0		2		3				5	3
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15:00 - 15:15							1	1	1	1			2		1		4	3
15:15 - 15:30	1			1				2	1					2			2	2
15:30 - 15:45								0	0	3			14				17	14
15:45 - 16:00				1				1	1				5		1		6	6
15:00 - 16:00	1	0	0	2	0	0	1	4	3	4	0	0	21	2	2	0	29	25
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16:15 - 16:30				2		1		3	3	1	1		2		1		5	3
16:30 - 16:45				1				1	1	8	1		4				13	4
16:45 - 17:00								0	0	1			6				7	6
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17:15 - 17:30				1				1	1				5				5	5
17:30 - 17:45								0	0	2	1		3				6	3
17:45 - 18:00								0	0								0	0
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18:00 - 18:15								0	0								0	0
18:15 - 18:30				1				1	1								0	0
18:30 - 18:45								0	0				1				1	1
18:45 - 19:00								0	0								0	0
18:00 - 19:00	0	0	0	1	0	0	0	1	1	0	0	0	1	0	0	0	1	1
TOTAL	29	7	1	100	19	11	1	168	132	29	7	0	100	20	11	1	168	132
07:00-19:00	18	2	1	42	16	11	1	91	71	29	7	0	97	20	11	1	165	129



Hanson Springs - Recorded HGV Arrival / Departure Log September / October 2024

Time (Start)	Arrivals											Total	
	19/09/2024	26/09/2024	30/09/2024	01/10/2024	02/10/2024	03/10/2024	04/10/2024	08/10/2024	09/10/2024	10/10/2024	11/10/2024		
	Thursday	Thursday	Monday	Tuesday	Wednesday	Thursday	Friday	Tuesday	Wednesday	Thursday	Friday		
06:30											1	0	
07:00												1	1.1%
07:30					1							1	1.1%
08:00		1					1					3	3.3%
08:30										1	2	3	3.3%
09:00		1					1		3			6	6.5%
09:30		1			1				1		1	3	3.3%
10:00		1				1	2	3				9	9.8%
10:30	1		2		1	2		1		1	1	9	9.8%
11:00				1				1	1			5	5.4%
11:30	1			1				1	1			4	4.3%
12:00			1	2	1		1	1				6	6.5%
12:30								2				2	2.2%
13:00	1	1	4	1		1			1			9	9.8%
13:30		2						1		1		4	4.3%
14:00	1	3				1				2		7	7.6%
14:30	1					2		1	1	1		6	6.5%
15:00			3							1		4	4.3%
15:30			2						1	1		4	4.3%
16:00	1	1	2			1		1				6	6.5%
16:30												0	
17:00												0	
17:30												0	
18:00												0	
18:30												0	
Total	6	11	14	5	4	8	5	12	9	11	7	92	

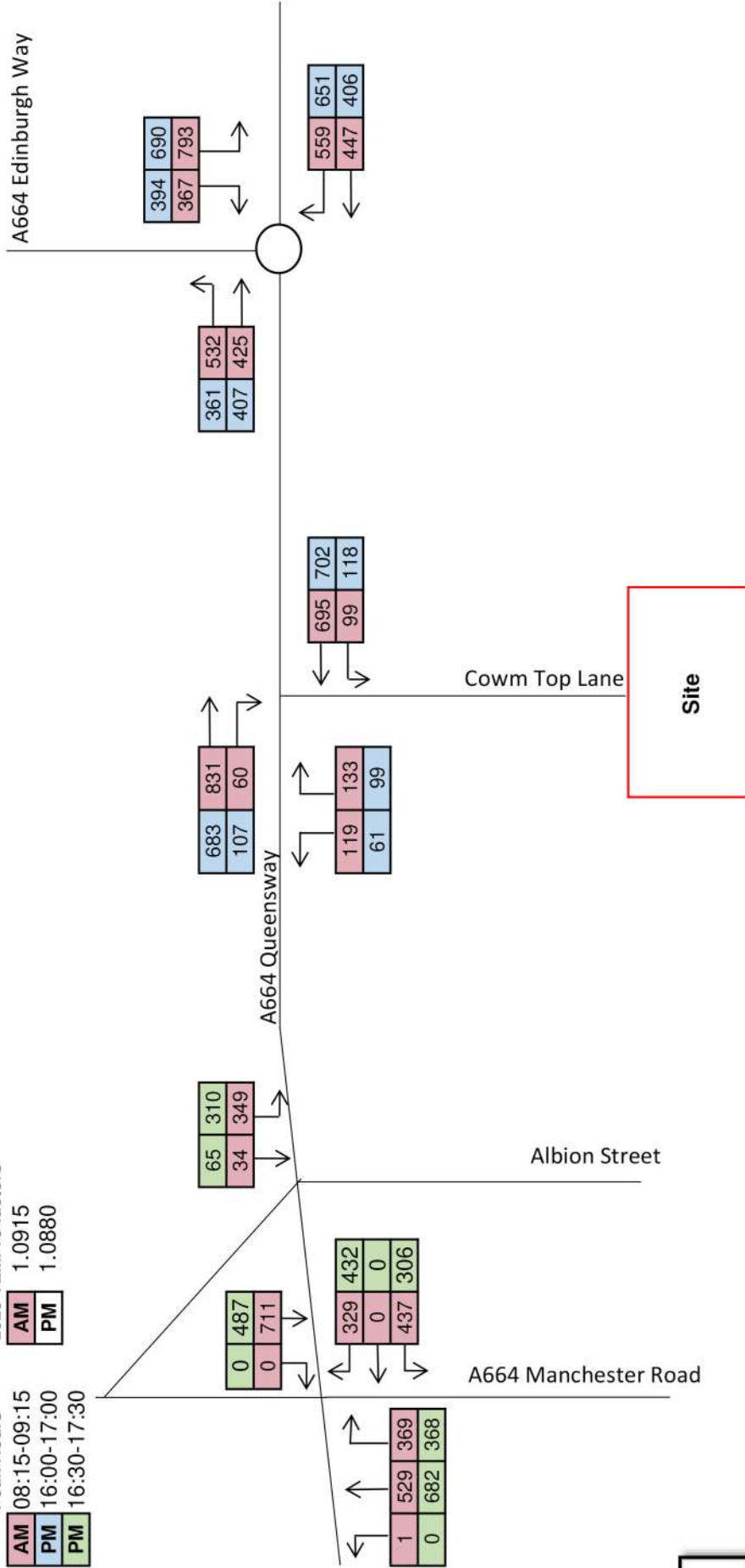
Time (Start)	Departures											Total	
	19/09/2024	26/09/2024	30/09/2024	01/10/2024	02/10/2024	03/10/2024	04/10/2024	08/10/2024	09/10/2024	10/10/2024	11/10/2024		
	Thursday	Thursday	Monday	Tuesday	Wednesday	Thursday	Friday						
06:30												0	
07:00											1	1	1.1%
07:30	1				1							2	2.2%
08:00							1					1	1.1%
08:30												2	2.2%
09:00		1					1	1	2	1	1	7	7.6%
09:30		1			1				1		1	3	3.3%
10:00						1	2		2	1	1	8	8.7%
10:30		1	2		1	2		3				9	9.8%
11:00	1	1		1				1	2	3		9	9.8%
11:30				1				1			1	3	3.3%
12:00	1		1	2	1		1	1			1	8	8.7%
12:30								1				2	2.2%
13:00			4	1					1			6	6.5%
13:30		2				1		1				3	3.3%
14:00	1	2				1		1				5	5.4%
14:30						2				3		5	5.4%
15:00	1	1	3							1		6	6.5%
15:30		1	2					1	1			6	6.5%
16:00		1	2			1		1		1		5	5.4%
16:30												0	
17:00	1											1	1.1%
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18:00												0	
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Total	6	11	14	5	4	8	5	12	9	11	7	92	



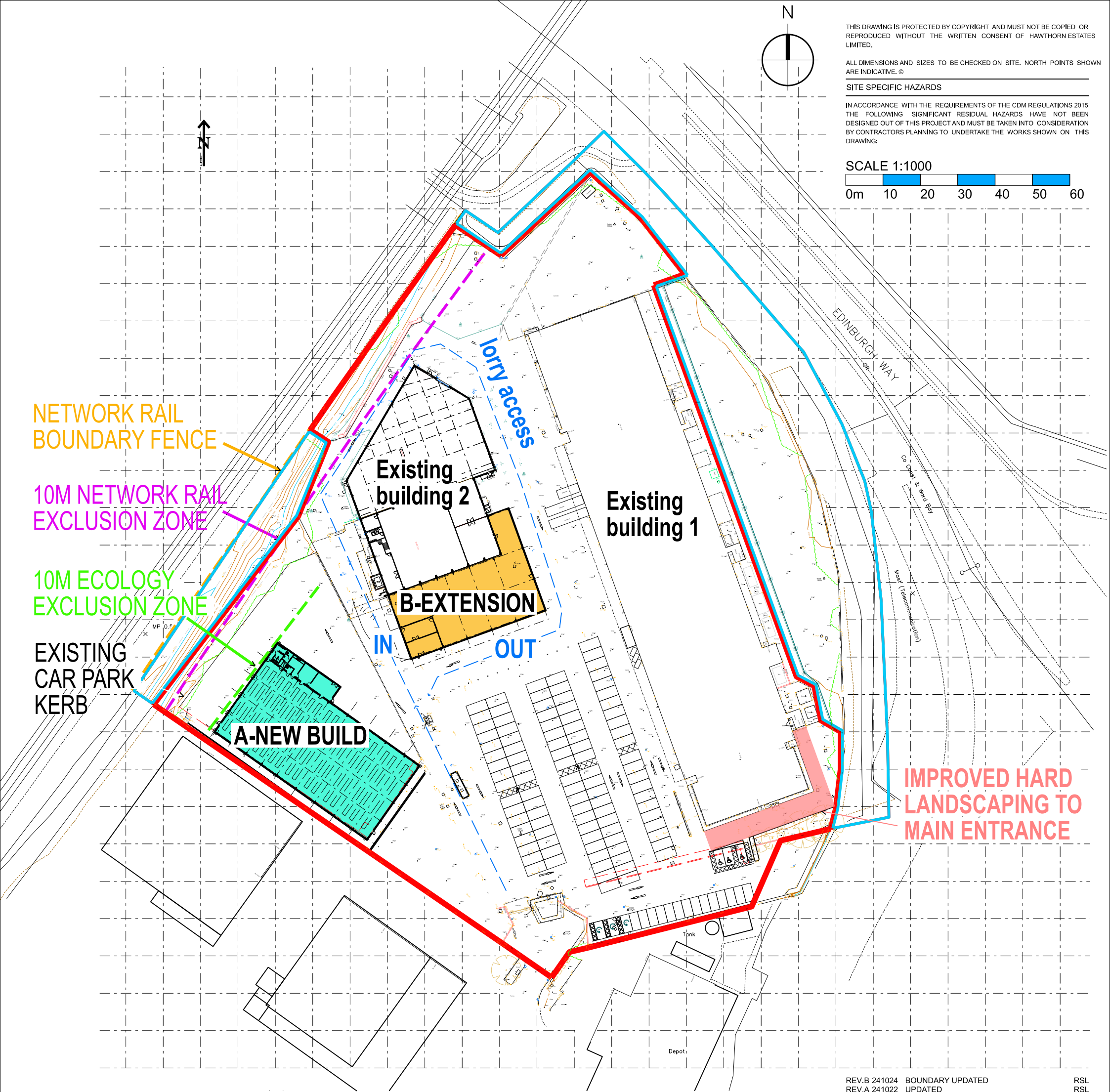
2026 TEMPro factors

Peak Hours

AM	08:15-09:15	AM	1.0915
PM	16:00-17:00	PM	1.0880
PM	16:30-17:30		







KEY

- 1339.4 SQM NEW BUILD GEA
- 775.9 SQM EXTENSION GEA

REV.B 241024	BOUNDARY UPDATED	RSL
REV.A 241022	UPDATED	RSL
REV.	DATE	NOTES
		INIT.

CLIENT / PROJECT
HANSON SPRINGS LTD
GORRELLS WAY
ROCHDALE OL11 2PX

DRAWING TITLE
BLOCK MASTERPLAN

STATUS
PLANNING

DATE	DRAWN	SCALE @ A3
SEPT 24	RSL	1:1000

PROJECT NUMBER	PLAN / BUILD	TYPE	NUMBER	REVISION LETTER
----------------	--------------	------	--------	-----------------

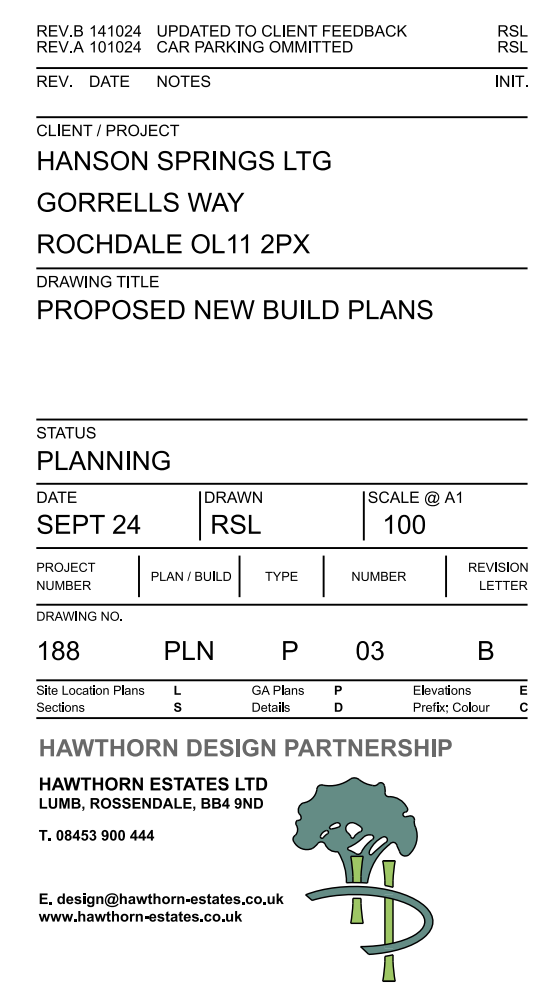
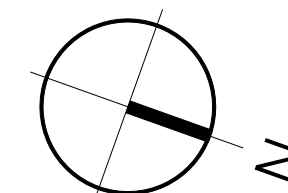
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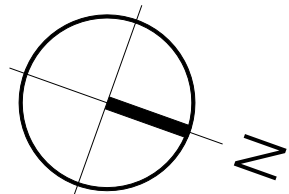
Site Location Plans	L	GA Plans	P	Elevations	E
Sections	S	Details	D	Prefix; Colour	C

HAWTHORN DESIGN PARTNERSHIP
HAWTHORN ESTATES LTD
LUMB, ROSSENDALE, BB4 9ND
T. 08453 900 444

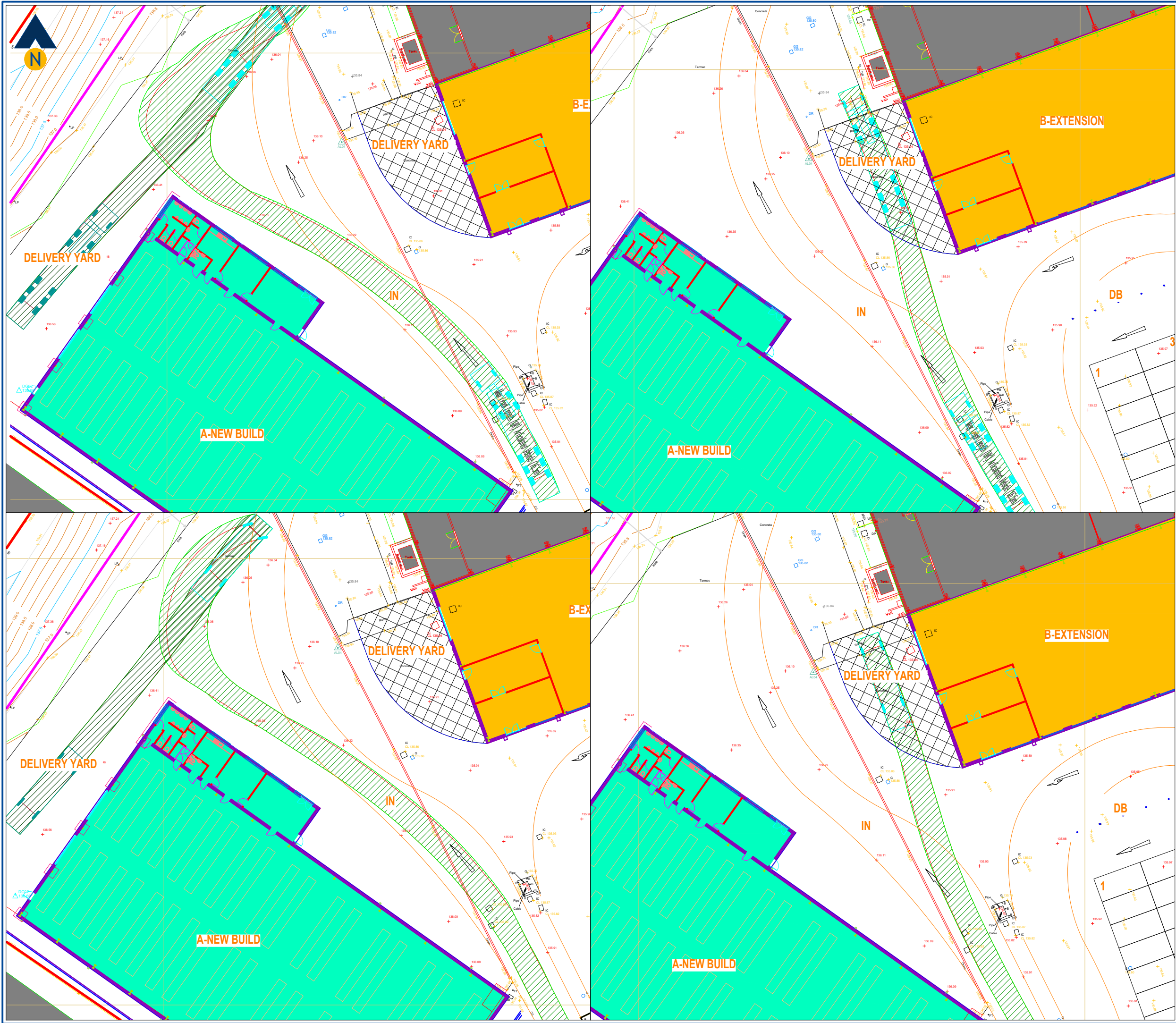
E. design@hawthorn-estates.co.uk
www.hawthorn-estates.co.uk



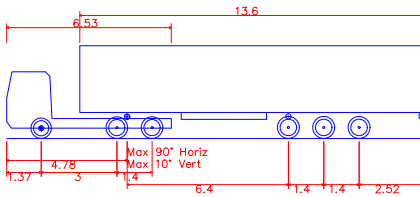




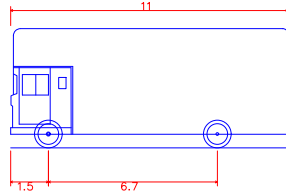




Revision:	
A	-



Max Legal Length (UK) Articulated Vehicle (16.5m)
Overall Length 16.500m
Overall Width 2.550m
Overall Body Height 3.681m
Min Body Ground Clearance 0.411m
Max Track Width 2.500m
Lock to lock time 6.00s
Kerb to Kerb Turning Radius 6.530m



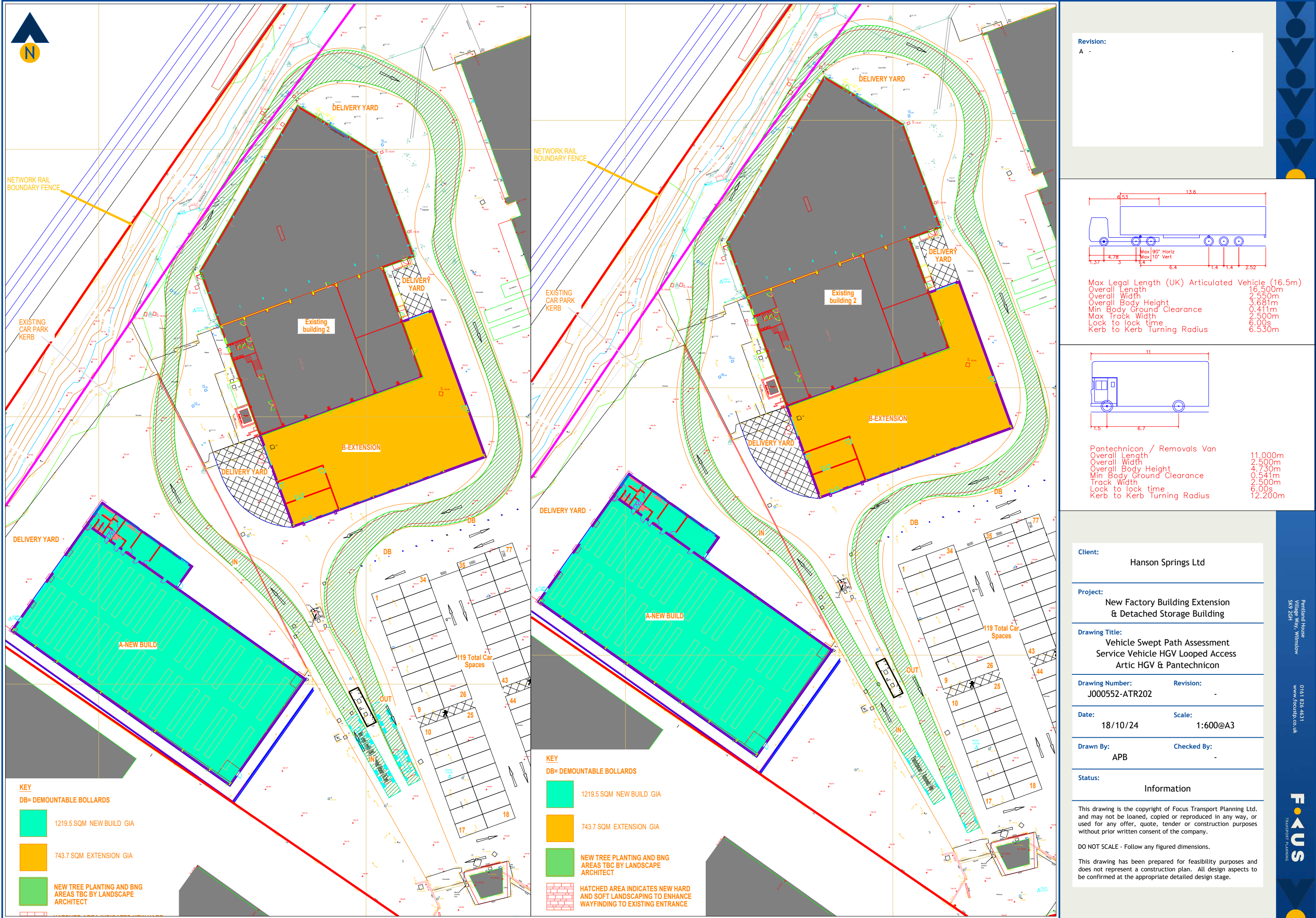
Pantechnicon / Removals Van
Overall Length 11.000m
Overall Width 2.500m
Overall Body Height 3.681m
Min Body Ground Clearance 0.411m
Track Width 2.500m
Lock to lock time 6.00s
Kerb to Kerb Turning Radius 12.200m

Client:	Hanson Springs Ltd
Project:	New Factory Building Extension & Detached Storage Building
Drawing Title:	Vehicle Swept Path Assessment Service Vehicle Access to Application Elements Artic HGV & Pantechnicon
Drawing Number:	J000552-ATR201
Revision:	-
Date:	18/10/24
Scale:	1:400@A3
Drawn By:	APB
Checked By:	-
Status:	Information

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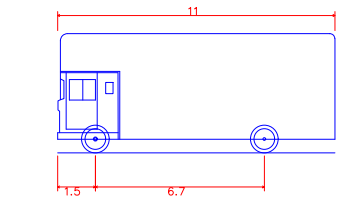
DO NOT SCALE - Follow any figured dimensions.

This drawing has been prepared for feasibility purposes and does not represent a construction plan. All design aspects to be confirmed at the appropriate detailed design stage.



Dimension	Value
Overall Length	13.6
Wheelbase	6.53
Front Overlap	1.37
Front Offset	4.78
Front Clearance	3
Max 90° Horiz	4
Max 10° Vert	4
Chassis Length	6.4
Wheel Spacing 1	1.4
Wheel Spacing 2	1.4
Wheel Spacing 3	2.52

Max Legal Length (UK)	Articulated Vehicle	(16.5m)
Overall Length	16.500m	
Overall Width	2.550m	
Overall Body Height	3.681m	
Min Body Ground Clearance	0.411m	
Max Track Width	2.500m	
Lock to lock time	6.00s	
Kerb to Kerb Turning Radius	6.530m	



Pantechnicon / Removals Van	
Overall Length	11.000m
Overall Width	2.500m
Overall Body Height	4.730m
Min Body Ground Clearance	0.541m
Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	12.200m

Client: **Hanson Springs Ltd**

Project:
New Factory Building Extension
& Detached Storage Building

Drawing Title:
Vehicle Swept Path Assessment
Service Vehicle HGV Looped Access
Artic HGV & Pantechinon

Drawing Number: J000552-ATR202

Date: 18/10/24 Scale: 1:600@A3

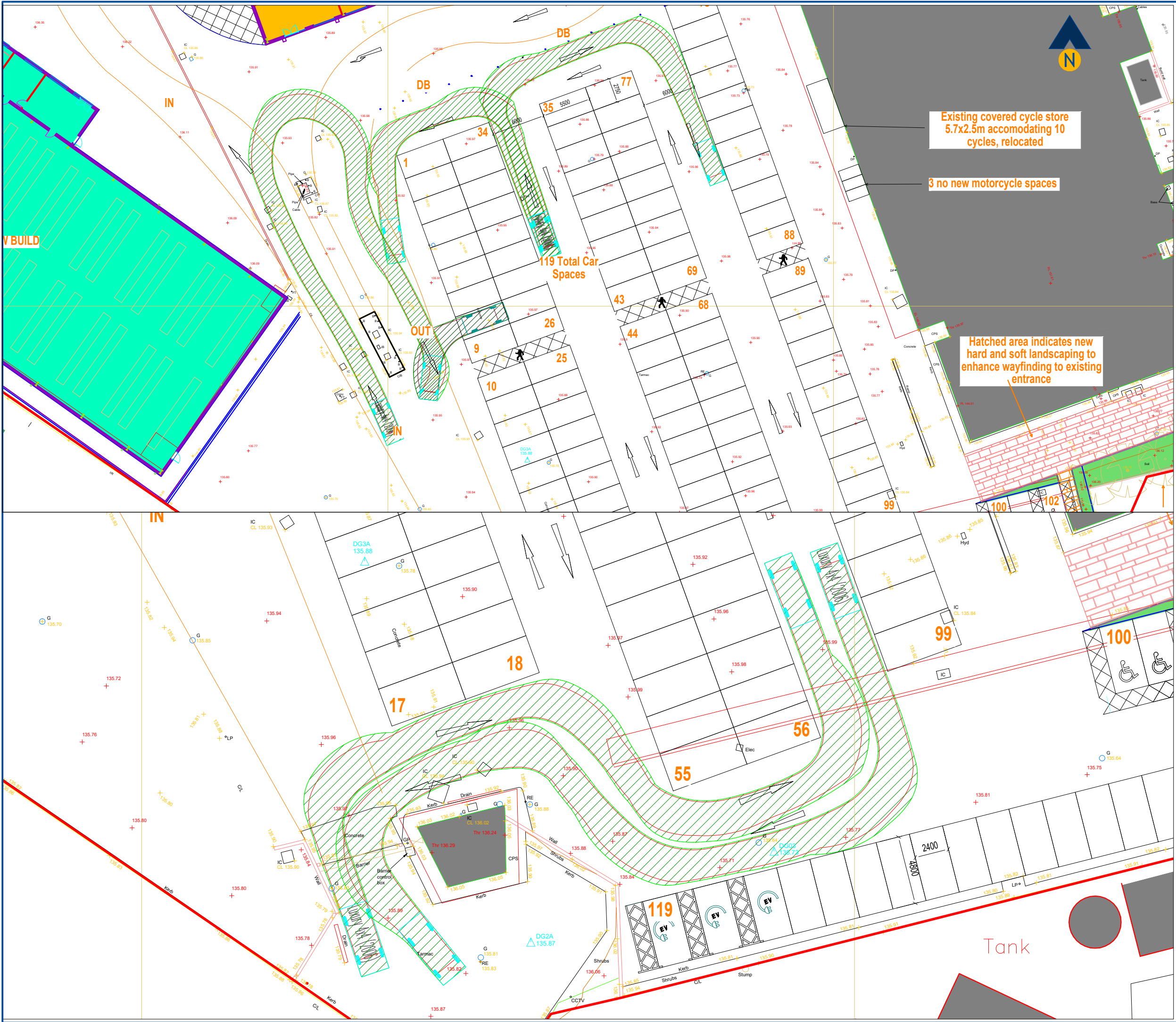
Drawn By: APB Checked By: -

Status: Information

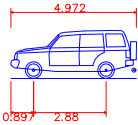
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DO NOT SCALE - Follow any figured dimensions.

This drawing has been prepared for feasibility purposes and does not represent a construction plan. All design aspects to be confirmed at the appropriate detailed design stage.



Revision:	
A	-



Luxury 4x4 (2006)
Overall Length 4.972m
Overall Width 2.034m
Overall Body Height 1.905m
Min Body Ground Clearance 0.279m
Max Track Width 1.884m
Lock to lock time 4.00s
Kerb to Kerb Turning Radius 5.800m

Client:	Hanson Springs Ltd
Project:	New Factory Building Extension & Detached Storage Building
Drawing Title:	Vehicle Swept Path Assessment Car Parking Arrangements Large 4x4 Private Car
Drawing Number:	J000552-ATR203
Date:	18/10/24
Scale:	1:400 / 1:600 @A3
Drawn By:	APB
Checked By:	-
Status:	Information

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B8 Warehousing & Distribution - ALL VEHICLES

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

Calculation Factor: 100 sqm

Count Type: TOTAL VEHICLES

	No.	Ave.	Arrival	Departure	TOTAL
Time Range	Days	GFA	Trip Rate	Trip Rate	Trip Rate
00:00-00:30	0	0	0	0	0
00:30-01:00	0	0	0	0	0
01:00-01:30	0	0	0	0	0
01:30-02:00	0	0	0	0	0
02:00-02:30	0	0	0	0	0
02:30-03:00	0	0	0	0	0
03:00-03:30	0	0	0	0	0
03:30-04:00	0	0	0	0	0
04:00-04:30	0	0	0	0	0
04:30-05:00	0	0	0	0	0
05:00-05:30	0	0	0	0	0
05:30-06:00	0	0	0	0	0
06:00-06:30	0	0	0	0	0
06:30-07:00	0	0	0	0	0
07:00-07:30	5	4780	0.05	0.029	0.079
07:30-08:00	5	4780	0.134	0.021	0.155
08:00-08:30	5	4780	0.151	0.042	0.193
08:30-09:00	5	4780	0.205	0.063	0.268
09:00-09:30	5	4780	0.117	0.029	0.146
09:30-10:00	5	4780	0.063	0.025	0.088
10:00-10:30	5	4780	0.084	0.067	0.151
10:30-11:00	5	4780	0.105	0.079	0.184
11:00-11:30	5	4780	0.071	0.079	0.15
11:30-12:00	5	4780	0.084	0.075	0.159
12:00-12:30	5	4780	0.092	0.071	0.163
12:30-13:00	5	4780	0.088	0.067	0.155
13:00-13:30	5	4780	0.109	0.138	0.247
13:30-14:00	5	4780	0.134	0.063	0.197
14:00-14:30	5	4780	0.088	0.105	0.193
14:30-15:00	5	4780	0.121	0.1	0.221
15:00-15:30	5	4780	0.067	0.209	0.276
15:30-16:00	5	4780	0.042	0.1	0.142
16:00-16:30	5	4780	0.059	0.096	0.155
16:30-17:00	5	4780	0.029	0.109	0.138
17:00-17:30	5	4780	0.025	0.151	0.176
17:30-18:00	5	4780	0.025	0.113	0.138
18:00-18:30	5	4780	0.025	0.146	0.171
18:30-19:00	5	4780	0.025	0.067	0.092
19:00-19:30	0	0	0	0	0
19:30-20:00	0	0	0	0	0
20:00-20:30	0	0	0	0	0
20:30-21:00	0	0	0	0	0
21:00-21:30	0	0	0	0	0
21:30-22:00	0	0	0	0	0
22:00-22:30	0	0	0	0	0
22:30-23:00	0	0	0	0	0
23:00-23:30	0	0	0	0	0
23:30-24:00	0	0	0	0	0
12-hour (07:00-19:00)			1.993	2.044	4.037

Selection Criteria Between 2,000sqm & 8,000sqm
No sites in Town Centres
No sites in Eire or Gt London
No Covid Surveys

Unit Size 1,339 sqm

Trip Demand - Average Trip Rates

Time	Arrivals	Departures	TOTAL
(Hr Begin)	Arrivals	Departures	TOTAL
00:00	0	0	0
01:00	0	0	0
02:00	0	0	0
03:00	0	0	0
04:00	0	0	0
05:00	0	0	0
06:00	0	0	0
07:00	0.184	0.05	0.234
08:00	0.356	0.105	0.461
09:00	0.18	0.054	0.234
10:00	0.189	0.146	0.335
11:00	0.155	0.154	0.309
12:00	0.18	0.138	0.318
13:00	0.243	0.201	0.444
14:00	0.209	0.205	0.414
15:00	0.109	0.309	0.418
16:00	0.088	0.205	0.293
17:00	0.05	0.264	0.314
18:00	0.05	0.213	0.263
19:00	0	0	0
20:00	0	0	0
21:00	0	0	0
22:00	0	0	0
23:00	0	0	0
	1.993	2.044	4.037

Time	Arrivals	Departures	TOTAL
(Hr Begin)	Arrivals	Departures	TOTAL
00:00	0	0	0
01:00	0	0	0
02:00	0	0	0
03:00	0	0	0
04:00	0	0	0
05:00	0	0	0
06:00	0	0	0
07:00	2	1	3
08:00	5	1	6
09:00	2	1	3
10:00	3	2	4
11:00	2	2	4
12:00	2	2	4
13:00	3	3	6
14:00	3	3	6
15:00	1	4	6
16:00	1	3	4
17:00	1	4	4
18:00	1	3	4
19:00	0	0	0
20:00	0	0	0
21:00	0	0	0
22:00	0	0	0
23:00	0	0	0
	27	27	54

Average Trip Rates

	In	Out	Total
AM Peak (08:00-09:00)	0.356	0.105	0.461
PM Peak (17:00-18:00)	0.050	0.264	0.314
12 hour (07:00-19:00)	1.993	2.044	4.037

	In	Out	Total
AM Peak (08:00-09:00)	5	1	6
PM Peak (17:00-18:00)	1	4	4
12 hour (07:00-19:00)	27	27	54

B8 Warehousing & Distribution - HGVs

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

Calculation Factor: 100 sqm

Count Type: OGVS

	No.	Ave.	Arrival	Departure	TOTAL
Time Range	Days	GFA	Trip Rate	Trip Rate	Trip Rate
00:00-00:30	0	0	0	0	0
00:30-01:00	0	0	0	0	0
01:00-01:30	0	0	0	0	0
01:30-02:00	0	0	0	0	0
02:00-02:30	0	0	0	0	0
02:30-03:00	0	0	0	0	0
03:00-03:30	0	0	0	0	0
03:30-04:00	0	0	0	0	0
04:00-04:30	0	0	0	0	0
04:30-05:00	0	0	0	0	0
05:00-05:30	0	0	0	0	0
05:30-06:00	0	0	0	0	0
06:00-06:30	0	0	0	0	0
06:30-07:00	0	0	0	0	0
07:00-07:30	5	4780	0.013	0.021	0.034
07:30-08:00	5	4780	0.013	0.013	0.026
08:00-08:30	5	4780	0.017	0.013	0.03
08:30-09:00	5	4780	0.025	0.029	0.054
09:00-09:30	5	4780	0.008	0.004	0.012
09:30-10:00	5	4780	0.029	0.004	0.033
10:00-10:30	5	4780	0.033	0.033	0.066
10:30-11:00	5	4780	0.038	0.033	0.071
11:00-11:30	5	4780	0.042	0.042	0.084
11:30-12:00	5	4780	0.021	0.029	0.05
12:00-12:30	5	4780	0.05	0.025	0.075
12:30-13:00	5	4780	0.029	0.013	0.042
13:00-13:30	5	4780	0.021	0.021	0.042
13:30-14:00	5	4780	0.033	0.013	0.046
14:00-14:30	5	4780	0.029	0.013	0.042
14:30-15:00	5	4780	0.033	0.013	0.046
15:00-15:30	5	4780	0.033	0.029	0.062
15:30-16:00	5	4780	0.021	0.008	0.029
16:00-16:30	5	4780	0.025	0.042	0.067
16:30-17:00	5	4780	0.013	0.013	0.026
17:00-17:30	5	4780	0	0.013	0.013
17:30-18:00	5	4780	0.004	0.042	0.046
18:00-18:30	5	4780	0.004	0.013	0.017
18:30-19:00	5	4780	0.008	0.008	0.016
19:00-19:30	0	0	0	0	0
19:30-20:00	0	0	0	0	0
20:00-20:30	0	0	0	0	0
20:30-21:00	0	0	0	0	0
21:00-21:30	0	0	0	0	0
21:30-22:00	0	0	0	0	0
22:00-22:30	0	0	0	0	0
22:30-23:00	0	0	0	0	0
23:00-23:30	0	0	0	0	0
23:30-24:00	0	0	0	0	0
12-hour (07:00-19:00)			0.542	0.487	1.029

Selection Criteria Between 2,000sqm & 8,000sqm
No sites in Town Centres
No sites in Eire or Gt London
No Covid Surveys

Unit Size 1,339 sqm

Trip Demand - Average Trip Rates

Time	TRIP RATE (PER 100 SQM)		
(Hr Begin)	Arrivals	Departures	TOTAL
00:00	0	0	0
01:00	0	0	0
02:00	0	0	0
03:00	0	0	0
04:00	0	0	0
05:00	0	0	0
06:00	0	0	0
07:00	0.026	0.034	0.06
08:00	0.042	0.042	0.084
09:00	0.037	0.008	0.045
10:00	0.071	0.066	0.137
11:00	0.063	0.071	0.134
12:00	0.079	0.038	0.117
13:00	0.054	0.034	0.088
14:00	0.062	0.026	0.088
15:00	0.054	0.037	0.091
16:00	0.038	0.055	0.093
17:00	0.004	0.055	0.059
18:00	0.012	0.021	0.033
19:00	0	0	0
20:00	0	0	0
21:00	0	0	0
22:00	0	0	0
23:00	0	0	0
	0.542	0.487	1.029

Time	TRIP RATE (PER 100 SQM)		
(Hr Begin)	Arrivals	Departures	TOTAL
00:00	0	0	0
01:00	0	0	0
02:00	0	0	0
03:00	0	0	0
04:00	0	0	0
05:00	0	0	0
06:00	0	0	0
07:00	0	0	1
08:00	1	1	1
09:00	0	0	1
10:00	1	1	2
11:00	1	1	2
12:00	1	1	2
13:00	1	0	1
14:00	1	0	1
15:00	1	0	1
16:00	1	1	1
17:00	0	1	1
18:00	0	0	0
19:00	0	0	0
20:00	0	0	0
21:00	0	0	0
22:00	0	0	0
23:00	0	0	0
	7	7	14

Average Trip Rates

	In	Out	Total
AM Peak (08:00-09:00)	0.042	0.042	0.084
PM Peak (17:00-18:00)	0.004	0.055	0.059
12 hour (07:00-19:00)	0.542	0.487	1.029

	In	Out	Total
AM Peak (08:00-09:00)	1	1	1
PM Peak (17:00-18:00)	0	1	1
12 hour (07:00-19:00)	7	7	14

Calculation Reference: AUDIT-506501-230329-0320

TRIP RATE CALCULATION SELECTION PARAMETERS:

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

Selected regions and areas:

02	SOUTH EAST	
	EX ESSEX	1 days
	HC HAMPSHIRE	1 days
04	EAST ANGLIA	
	SF SUFFOLK	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
14	LEINSTER	
	LU LOUTH	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: 3625 to 6560 (units: sqm)
Range Selected by User: 2000 to 10000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/15 to 27/09/21

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	2 days
Friday	3 days

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

Selected survey types:

Manual count	5 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	5
--------------	---

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	3
Commercial Zone	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.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	1 days - Selected
Servicing vehicles Excluded	8 days - Selected

Secondary Filtering selection:

Use Class:

n/a	2 days
B8	3 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 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:

5,001 to 10,000	1 days
10,001 to 15,000	2 days
15,001 to 20,000	1 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:

5,001 to 25,000	1 days
25,001 to 50,000	1 days
125,001 to 250,000	2 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	2 days
1.1 to 1.5	3 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	5 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	5 days
-----------------	--------

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

LIST OF SITES relevant to selection parameters

1	EX-02-F-01 BRUNEL WAY COLCHESTER SEVERALLS INDUSTRIAL PK Edge of Town Industrial Zone Total Gross floor area: 6560 sqm Survey date: FRIDAY 18/05/18	SPORTS SUPPLEMENTS ESSEX	Survey Type: MANUAL
2	HC-02-F-03 WARSASH ROAD PARK GATE Edge of Town Industrial Zone Total Gross floor area: 3665 sqm Survey date: MONDAY 27/09/21	PPE DISTRIBUTION HAMPSHIRE	Survey Type: MANUAL
3	LU-02-F-01 MATTHEWS LANE DROGHEDA LAGAVOOREN Edge of Town No Sub Category Total Gross floor area: 5350 sqm Survey date: FRIDAY 19/06/15	PACKAGING COMPANY LOUTH	Survey Type: MANUAL
4	SF-02-F-03 CENTRAL AVENUE IPSWICH WARREN HEATH Edge of Town Industrial Zone Total Gross floor area: 4700 sqm Survey date: FRIDAY 18/09/15	ROAD HAULAGE SUFFOLK	Survey Type: MANUAL
5	WM-02-F-02 SOVEREIGN ROAD BIRMINGHAM KINGS NORTON Edge of Town Commercial Zone Total Gross floor area: 3625 sqm Survey date: MONDAY 09/11/15	LOGISTICS FIRM WEST MIDLANDS	Survey Type: MANUAL

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
AN-02-F-03	8000+sqm
BO-02-F-01	Covid
LO-02-F-01	Covid
NW-02-F-02	Covid

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

TOTAL VEHICLES

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									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	5	4780	0.050	5	4780	0.029	5	4780	0.079
07:30 - 08:00	5	4780	0.134	5	4780	0.021	5	4780	0.155
08:00 - 08:30	5	4780	0.151	5	4780	0.042	5	4780	0.193
08:30 - 09:00	5	4780	0.205	5	4780	0.063	5	4780	0.268
09:00 - 09:30	5	4780	0.117	5	4780	0.029	5	4780	0.146
09:30 - 10:00	5	4780	0.063	5	4780	0.025	5	4780	0.088
10:00 - 10:30	5	4780	0.084	5	4780	0.067	5	4780	0.151
10:30 - 11:00	5	4780	0.105	5	4780	0.079	5	4780	0.184
11:00 - 11:30	5	4780	0.071	5	4780	0.079	5	4780	0.150
11:30 - 12:00	5	4780	0.084	5	4780	0.075	5	4780	0.159
12:00 - 12:30	5	4780	0.092	5	4780	0.071	5	4780	0.163
12:30 - 13:00	5	4780	0.088	5	4780	0.067	5	4780	0.155
13:00 - 13:30	5	4780	0.109	5	4780	0.138	5	4780	0.247
13:30 - 14:00	5	4780	0.134	5	4780	0.063	5	4780	0.197
14:00 - 14:30	5	4780	0.088	5	4780	0.105	5	4780	0.193
14:30 - 15:00	5	4780	0.121	5	4780	0.100	5	4780	0.221
15:00 - 15:30	5	4780	0.067	5	4780	0.209	5	4780	0.276
15:30 - 16:00	5	4780	0.042	5	4780	0.100	5	4780	0.142
16:00 - 16:30	5	4780	0.059	5	4780	0.096	5	4780	0.155
16:30 - 17:00	5	4780	0.029	5	4780	0.109	5	4780	0.138
17:00 - 17:30	5	4780	0.025	5	4780	0.151	5	4780	0.176
17:30 - 18:00	5	4780	0.025	5	4780	0.113	5	4780	0.138
18:00 - 18:30	5	4780	0.025	5	4780	0.146	5	4780	0.171
18:30 - 19:00	5	4780	0.025	5	4780	0.067	5	4780	0.092
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
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:			1.993			2.044			4.037

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:	3625 - 6560 (units: sqm)
Survey date range:	01/01/15 - 27/09/21
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	4

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)
 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									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	5	4780	0.013	5	4780	0.021	5	4780	0.034
07:30 - 08:00	5	4780	0.013	5	4780	0.013	5	4780	0.026
08:00 - 08:30	5	4780	0.017	5	4780	0.013	5	4780	0.030
08:30 - 09:00	5	4780	0.025	5	4780	0.029	5	4780	0.054
09:00 - 09:30	5	4780	0.008	5	4780	0.004	5	4780	0.012
09:30 - 10:00	5	4780	0.029	5	4780	0.004	5	4780	0.033
10:00 - 10:30	5	4780	0.033	5	4780	0.033	5	4780	0.066
10:30 - 11:00	5	4780	0.038	5	4780	0.033	5	4780	0.071
11:00 - 11:30	5	4780	0.042	5	4780	0.042	5	4780	0.084
11:30 - 12:00	5	4780	0.021	5	4780	0.029	5	4780	0.050
12:00 - 12:30	5	4780	0.050	5	4780	0.025	5	4780	0.075
12:30 - 13:00	5	4780	0.029	5	4780	0.013	5	4780	0.042
13:00 - 13:30	5	4780	0.021	5	4780	0.021	5	4780	0.042
13:30 - 14:00	5	4780	0.033	5	4780	0.013	5	4780	0.046
14:00 - 14:30	5	4780	0.029	5	4780	0.013	5	4780	0.042
14:30 - 15:00	5	4780	0.033	5	4780	0.013	5	4780	0.046
15:00 - 15:30	5	4780	0.033	5	4780	0.029	5	4780	0.062
15:30 - 16:00	5	4780	0.021	5	4780	0.008	5	4780	0.029
16:00 - 16:30	5	4780	0.025	5	4780	0.042	5	4780	0.067
16:30 - 17:00	5	4780	0.013	5	4780	0.013	5	4780	0.026
17:00 - 17:30	5	4780	0.000	5	4780	0.013	5	4780	0.013
17:30 - 18:00	5	4780	0.004	5	4780	0.042	5	4780	0.046
18:00 - 18:30	5	4780	0.004	5	4780	0.013	5	4780	0.017
18:30 - 19:00	5	4780	0.008	5	4780	0.008	5	4780	0.016
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
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:			0.542			0.487			1.029

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.

B2 General Industrial Unit - ALL VEHICLES

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

Calculation Factor: 100 sqm

Count Type: TOTAL VEHICLES

	No.	Ave.	Arrival	Departure	TOTAL
Time Range	Days	GFA	Trip Rate	Trip Rate	Trip Rate
00:00-00:30	0	0	0	0	0
00:30-01:00	0	0	0	0	0
01:00-01:30	0	0	0	0	0
01:30-02:00	0	0	0	0	0
02:00-02:30	0	0	0	0	0
02:30-03:00	0	0	0	0	0
03:00-03:30	0	0	0	0	0
03:30-04:00	0	0	0	0	0
04:00-04:30	0	0	0	0	0
04:30-05:00	0	0	0	0	0
05:00-05:30	0	0	0	0	0
05:30-06:00	0	0	0	0	0
06:00-06:30	0	0	0	0	0
06:30-07:00	0	0	0	0	0
07:00-07:30	9	4388	0.165	0.068	0.233
07:30-08:00	9	4388	0.195	0.063	0.258
08:00-08:30	9	4388	0.2	0.046	0.246
08:30-09:00	9	4388	0.203	0.041	0.244
09:00-09:30	9	4388	0.129	0.051	0.18
09:30-10:00	9	4388	0.119	0.078	0.197
10:00-10:30	9	4388	0.099	0.051	0.15
10:30-11:00	9	4388	0.104	0.063	0.167
11:00-11:30	9	4388	0.089	0.063	0.152
11:30-12:00	9	4388	0.106	0.073	0.179
12:00-12:30	9	4388	0.106	0.132	0.238
12:30-13:00	9	4388	0.127	0.2	0.327
13:00-13:30	9	4388	0.086	0.165	0.251
13:30-14:00	9	4388	0.116	0.111	0.227
14:00-14:30	9	4388	0.063	0.078	0.141
14:30-15:00	9	4388	0.051	0.058	0.109
15:00-15:30	9	4388	0.058	0.091	0.149
15:30-16:00	9	4388	0.035	0.066	0.101
16:00-16:30	9	4388	0.051	0.089	0.14
16:30-17:00	9	4388	0.018	0.149	0.167
17:00-17:30	9	4388	0.02	0.256	0.276
17:30-18:00	9	4388	0.028	0.094	0.122
18:00-18:30	9	4388	0.023	0.063	0.086
18:30-19:00	9	4388	0.01	0.073	0.083
19:00-19:30	1	8000	0	0	0
19:30-20:00	1	8000	0.025	0.013	0.038
20:00-20:30	1	8000	0.013	0.15	0.163
20:30-21:00	1	8000	0	0.025	0.025
21:00-21:30	1	8000	0	0	0
21:30-22:00	1	8000	0	0	0
22:00-22:30	0	0	0	0	0
22:30-23:00	0	0	0	0	0
23:00-23:30	0	0	0	0	0
23:30-24:00	0	0	0	0	0
12-hour (07:00-19:00)			2.201	2.222	4.423

Selection Criteria Between 2,000sqm & 8,000sqm
No sites in Town Centres
No sites in Eire or Gt London
No Covid Surveys

Unit Size 776 sqm

Trip Demand - Average Trip Rates

Time	TRIP RATE (PER 100 SQM)		
(Hr Begin)	Arrivals	Departures	TOTAL
00:00	0	0	0
01:00	0	0	0
02:00	0	0	0
03:00	0	0	0
04:00	0	0	0
05:00	0	0	0
06:00	0	0	0
07:00	0.36	0.131	0.491
08:00	0.403	0.087	0.49
09:00	0.248	0.129	0.377
10:00	0.203	0.114	0.317
11:00	0.195	0.136	0.331
12:00	0.233	0.332	0.565
13:00	0.202	0.276	0.478
14:00	0.114	0.136	0.25
15:00	0.093	0.157	0.25
16:00	0.069	0.238	0.307
17:00	0.048	0.35	0.398
18:00	0.033	0.136	0.169
19:00	0.025	0.013	0.038
20:00	0.013	0.175	0.188
21:00	0	0	0
22:00	0	0	0
23:00	0	0	0
	2.239	2.41	4.649

Time	TRIP RATE (PER 100 SQM)		
(Hr Begin)	Arrivals	Departures	TOTAL
00:00	0	0	0
01:00	0	0	0
02:00	0	0	0
03:00	0	0	0
04:00	0	0	0
05:00	0	0	0
06:00	0	0	0
07:00	3	1	4
08:00	3	1	4
09:00	2	1	3
10:00	2	1	2
11:00	2	1	3
12:00	2	3	4
13:00	2	2	4
14:00	1	1	2
15:00	1	1	2
16:00	1	2	2
17:00	0	3	3
18:00	0	1	1
19:00	0	0	0
20:00	0	1	1
21:00	0	0	0
22:00	0	0	0
23:00	0	0	0
	17	19	36

Average Trip Rates

	In	Out	Total
AM Peak (08:00-09:00)	0.403	0.087	0.490
PM Peak (17:00-18:00)	0.048	0.350	0.398
12 hour (07:00-19:00)	2.201	2.222	4.423
	In	Out	Total
AM Peak (08:00-09:00)	3	1	4
PM Peak (17:00-18:00)	0	3	3
12 hour (07:00-19:00)	17	17	34

B2 General Industrial Unit - HGVs

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

Calculation Factor: 100 sqm

Count Type: OGVS

	No.	Ave.	Arrival	Departure	TOTAL
Time Range	Days	GFA	Trip Rate	Trip Rate	Trip Rate
00:00-00:30	0	0	0	0	0
00:30-01:00	0	0	0	0	0
01:00-01:30	0	0	0	0	0
01:30-02:00	0	0	0	0	0
02:00-02:30	0	0	0	0	0
02:30-03:00	0	0	0	0	0
03:00-03:30	0	0	0	0	0
03:30-04:00	0	0	0	0	0
04:00-04:30	0	0	0	0	0
04:30-05:00	0	0	0	0	0
05:00-05:30	0	0	0	0	0
05:30-06:00	0	0	0	0	0
06:00-06:30	0	0	0	0	0
06:30-07:00	0	0	0	0	0
07:00-07:30	9	4388	0.015	0.013	0.028
07:30-08:00	9	4388	0.023	0.023	0.046
08:00-08:30	9	4388	0.013	0.023	0.036
08:30-09:00	9	4388	0.023	0.013	0.036
09:00-09:30	9	4388	0.018	0.018	0.036
09:30-10:00	9	4388	0.03	0.023	0.053
10:00-10:30	9	4388	0.018	0.015	0.033
10:30-11:00	9	4388	0.02	0.015	0.035
11:00-11:30	9	4388	0.018	0.025	0.043
11:30-12:00	9	4388	0.03	0.028	0.058
12:00-12:30	9	4388	0.028	0.033	0.061
12:30-13:00	9	4388	0.033	0.028	0.061
13:00-13:30	9	4388	0.023	0.02	0.043
13:30-14:00	9	4388	0.02	0.023	0.043
14:00-14:30	9	4388	0.018	0.015	0.033
14:30-15:00	9	4388	0.015	0.02	0.035
15:00-15:30	9	4388	0.013	0.013	0.026
15:30-16:00	9	4388	0.008	0.008	0.016
16:00-16:30	9	4388	0.013	0.01	0.023
16:30-17:00	9	4388	0	0.008	0.008
17:00-17:30	9	4388	0.003	0.005	0.008
17:30-18:00	9	4388	0	0	0
18:00-18:30	9	4388	0	0	0
18:30-19:00	9	4388	0	0	0
19:00-19:30	1	8000	0	0	0
19:30-20:00	1	8000	0.013	0	0.013
20:00-20:30	1	8000	0	0.013	0.013
20:30-21:00	1	8000	0	0	0
21:00-21:30	1	8000	0	0	0
21:30-22:00	1	8000	0	0	0
22:00-22:30	0	0	0	0	0
22:30-23:00	0	0	0	0	0
23:00-23:30	0	0	0	0	0
23:30-24:00	0	0	0	0	0
12-hour (07:00-19:00)			0.382	0.379	0.761

Selection Criteria Between 2,000sqm & 8,000sqm
No sites in Town Centres
No sites in Eire or Gt London
No Covid Surveys

Unit Size 776 sqm

Trip Demand - Average Trip Rates

Time	TRIP RATE (PER 100 SQM)		
(Hr Begin)	Arrivals	Departures	TOTAL
00:00	0	0	0
01:00	0	0	0
02:00	0	0	0
03:00	0	0	0
04:00	0	0	0
05:00	0	0	0
06:00	0	0	0
07:00	0.038	0.036	0.074
08:00	0.036	0.036	0.072
09:00	0.048	0.041	0.089
10:00	0.038	0.03	0.068
11:00	0.048	0.053	0.101
12:00	0.061	0.061	0.122
13:00	0.043	0.043	0.086
14:00	0.033	0.035	0.068
15:00	0.021	0.021	0.042
16:00	0.013	0.018	0.031
17:00	0.003	0.005	0.008
18:00	0	0	0
19:00	0.013	0	0.013
20:00	0	0.013	0.013
21:00	0	0	0
22:00	0	0	0
23:00	0	0	0
	0.395	0.392	0.787

Time	TRIP RATE (PER 100 SQM)		
(Hr Begin)	Arrivals	Departures	TOTAL
00:00	0	0	0
01:00	0	0	0
02:00	0	0	0
03:00	0	0	0
04:00	0	0	0
05:00	0	0	0
06:00	0	0	0
07:00	0	0	1
08:00	0	0	1
09:00	0	0	1
10:00	0	0	1
11:00	0	0	1
12:00	0	0	1
13:00	0	0	1
14:00	0	0	1
15:00	0	0	0
16:00	0	0	0
17:00	0	0	0
18:00	0	0	0
19:00	0	0	0
20:00	0	0	0
21:00	0	0	0
22:00	0	0	0
23:00	0	0	0
	3	3	6

Average Trip Rates

	In	Out	Total
AM Peak (08:00-09:00)	0.036	0.036	0.072
PM Peak (17:00-18:00)	0.003	0.005	0.008
12 hour (07:00-19:00)	0.382	0.379	0.761

	In	Out	Total
AM Peak (08:00-09:00)	0	0	1
PM Peak (17:00-18:00)	0	0	0
12 hour (07:00-19:00)	3	3	6

Calculation Reference: AUDIT-506501-230329-0316

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : C - INDUSTRIAL UNIT
TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	HC HAMPSHIRE	2 days
03	SOUTH WEST	
	DV DEVON	1 days
	SM SOMERSET	1 days
05	EAST MIDLANDS	
	DY DERBY	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
08	NORTH WEST	
	EC CHESHIRE EAST	1 days
17	ULSTER (NORTHERN IRELAND)	
	AN ANTRIM	1 days
	TY TYRONE	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: 2300 to 8000 (units: sqm)
Range Selected by User: 2000 to 8000 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/15 to 14/09/22

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	1 days
Wednesday	2 days
Thursday	4 days
Friday	1 days

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

Selected survey types:

Manual count	9 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)	5
Edge of Town	2
Neighbourhood Centre (PPS6 Local Centre)	1
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	4
Development Zone	1
Village	1
Out of Town	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.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included	1 days - Selected
Servicing vehicles Excluded	9 days - Selected

Secondary Filtering selection:

Use Class:

Not Known	9 days
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This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 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	2 days
5,001 to 10,000	1 days
10,001 to 15,000	1 days
15,001 to 20,000	1 days
20,001 to 25,000	1 days
25,001 to 50,000	3 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	1 days
50,001 to 75,000	2 days
75,001 to 100,000	1 days
100,001 to 125,000	1 days
125,001 to 250,000	1 days
250,001 to 500,000	2 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	1 days
1.1 to 1.5	6 days
1.6 to 2.0	1 days
2.1 to 2.5	1 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	9 days
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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	9 days
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This data displays the number of selected surveys with PTAL Ratings.

LIST OF SITES relevant to selection parameters

1	AN-02-C-01 FERGUSON ROAD LISBURN	COMPOSITES	ANTRIM
	Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area: 6500 sqm Survey date: FRIDAY 19/06/15 Survey Type: MANUAL		
2	DV-02-C-02 GRACE ROAD SOUTH EXETER	ENERGY RECOVERY FACILITY	DEVON
	MARSH BARTON TRAD. EST. Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 3513 sqm Survey date: THURSDAY 06/07/17 Survey Type: MANUAL		
3	DY-02-C-01 PONTEFRACT STREET DERBY	ENGINEERED PRODUCTS	DERBY
	Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 2600 sqm Survey date: THURSDAY 25/06/15 Survey Type: MANUAL		
4	EC-02-C-01 BRUNEL ROAD MACCLESFIELD LYME GREEN BUS. PARK	OFFICE FURNITURE	CHESHIRE EAST
	Edge of Town Development Zone Total Gross floor area: 6658 sqm Survey date: MONDAY 19/09/16 Survey Type: MANUAL		
5	HC-02-C-01 JAYS CLOSE BASINGSTOKE	ENGINEERING COMPANY	HAMPSHIRE
	Edge of Town Industrial Zone Total Gross floor area: 3000 sqm Survey date: THURSDAY 16/06/16 Survey Type: MANUAL		
6	HC-02-C-02 LONDON ROAD LAVERSTOKE	GIN DISTILLERY	HAMPSHIRE
	Neighbourhood Centre (PPS6 Local Centre) Village Total Gross floor area: 8000 sqm Survey date: WEDNESDAY 09/05/18 Survey Type: MANUAL		
7	SM-02-C-01 ROBINS DRIVE BRIDGWATER	WET BLASTING EQUIPMENT	SOMERSET
	Suburban Area (PPS6 Out of Centre) No Sub Category Total Gross floor area: 2300 sqm Survey date: WEDNESDAY 14/09/22 Survey Type: MANUAL		
8	TY-02-C-01 DRUM ROAD NEAR COOKSTOWN	ELECTRICAL MOTOR COMPANY	TYRONE
	Free Standing (PPS6 Out of Town) Out of Town Total Gross floor area: 2600 sqm Survey date: THURSDAY 14/03/19 Survey Type: MANUAL		

LIST OF SITES relevant to selection parameters (Cont.)

9	WM-02-C-04 STOURVALE ROAD STOURBRIDGE LYE Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: Survey date: TUESDAY	FOUNDRY 4324 sqm 21/11/17	WEST MIDLANDS Survey Type: MANUAL
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This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
EC-02-C-02	Covid

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

TOTAL VEHICLES

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									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	9	4388	0.165	9	4388	0.068	9	4388	0.233
07:30 - 08:00	9	4388	0.195	9	4388	0.063	9	4388	0.258
08:00 - 08:30	9	4388	0.200	9	4388	0.046	9	4388	0.246
08:30 - 09:00	9	4388	0.203	9	4388	0.041	9	4388	0.244
09:00 - 09:30	9	4388	0.129	9	4388	0.051	9	4388	0.180
09:30 - 10:00	9	4388	0.119	9	4388	0.078	9	4388	0.197
10:00 - 10:30	9	4388	0.099	9	4388	0.051	9	4388	0.150
10:30 - 11:00	9	4388	0.104	9	4388	0.063	9	4388	0.167
11:00 - 11:30	9	4388	0.089	9	4388	0.063	9	4388	0.152
11:30 - 12:00	9	4388	0.106	9	4388	0.073	9	4388	0.179
12:00 - 12:30	9	4388	0.106	9	4388	0.132	9	4388	0.238
12:30 - 13:00	9	4388	0.127	9	4388	0.200	9	4388	0.327
13:00 - 13:30	9	4388	0.086	9	4388	0.165	9	4388	0.251
13:30 - 14:00	9	4388	0.116	9	4388	0.111	9	4388	0.227
14:00 - 14:30	9	4388	0.063	9	4388	0.078	9	4388	0.141
14:30 - 15:00	9	4388	0.051	9	4388	0.058	9	4388	0.109
15:00 - 15:30	9	4388	0.058	9	4388	0.091	9	4388	0.149
15:30 - 16:00	9	4388	0.035	9	4388	0.066	9	4388	0.101
16:00 - 16:30	9	4388	0.051	9	4388	0.089	9	4388	0.140
16:30 - 17:00	9	4388	0.018	9	4388	0.149	9	4388	0.167
17:00 - 17:30	9	4388	0.020	9	4388	0.256	9	4388	0.276
17:30 - 18:00	9	4388	0.028	9	4388	0.094	9	4388	0.122
18:00 - 18:30	9	4388	0.023	9	4388	0.063	9	4388	0.086
18:30 - 19:00	9	4388	0.010	9	4388	0.073	9	4388	0.083
19:00 - 19:30	1	8000	0.000	1	8000	0.000	1	8000	0.000
19:30 - 20:00	1	8000	0.025	1	8000	0.013	1	8000	0.038
20:00 - 20:30	1	8000	0.013	1	8000	0.150	1	8000	0.163
20:30 - 21:00	1	8000	0.000	1	8000	0.025	1	8000	0.025
21:00 - 21:30	1	8000	0.000	1	8000	0.000	1	8000	0.000
21:30 - 22:00	1	8000	0.000	1	8000	0.000	1	8000	0.000
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			2.239			2.410			4.649

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:	2300 - 8000 (units: sqm)
Survey date range:	01/01/15 - 14/09/22
Number of weekdays (Monday-Friday):	9
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	1

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/C - INDUSTRIAL UNIT

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									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	9	4388	0.015	9	4388	0.013	9	4388	0.028
07:30 - 08:00	9	4388	0.023	9	4388	0.023	9	4388	0.046
08:00 - 08:30	9	4388	0.013	9	4388	0.023	9	4388	0.036
08:30 - 09:00	9	4388	0.023	9	4388	0.013	9	4388	0.036
09:00 - 09:30	9	4388	0.018	9	4388	0.018	9	4388	0.036
09:30 - 10:00	9	4388	0.030	9	4388	0.023	9	4388	0.053
10:00 - 10:30	9	4388	0.018	9	4388	0.015	9	4388	0.033
10:30 - 11:00	9	4388	0.020	9	4388	0.015	9	4388	0.035
11:00 - 11:30	9	4388	0.018	9	4388	0.025	9	4388	0.043
11:30 - 12:00	9	4388	0.030	9	4388	0.028	9	4388	0.058
12:00 - 12:30	9	4388	0.028	9	4388	0.033	9	4388	0.061
12:30 - 13:00	9	4388	0.033	9	4388	0.028	9	4388	0.061
13:00 - 13:30	9	4388	0.023	9	4388	0.020	9	4388	0.043
13:30 - 14:00	9	4388	0.020	9	4388	0.023	9	4388	0.043
14:00 - 14:30	9	4388	0.018	9	4388	0.015	9	4388	0.033
14:30 - 15:00	9	4388	0.015	9	4388	0.020	9	4388	0.035
15:00 - 15:30	9	4388	0.013	9	4388	0.013	9	4388	0.026
15:30 - 16:00	9	4388	0.008	9	4388	0.008	9	4388	0.016
16:00 - 16:30	9	4388	0.013	9	4388	0.010	9	4388	0.023
16:30 - 17:00	9	4388	0.000	9	4388	0.008	9	4388	0.008
17:00 - 17:30	9	4388	0.003	9	4388	0.005	9	4388	0.008
17:30 - 18:00	9	4388	0.000	9	4388	0.000	9	4388	0.000
18:00 - 18:30	9	4388	0.000	9	4388	0.000	9	4388	0.000
18:30 - 19:00	9	4388	0.000	9	4388	0.000	9	4388	0.000
19:00 - 19:30	1	8000	0.000	1	8000	0.000	1	8000	0.000
19:30 - 20:00	1	8000	0.013	1	8000	0.000	1	8000	0.013
20:00 - 20:30	1	8000	0.000	1	8000	0.013	1	8000	0.013
20:30 - 21:00	1	8000	0.000	1	8000	0.000	1	8000	0.000
21:00 - 21:30	1	8000	0.000	1	8000	0.000	1	8000	0.000
21:30 - 22:00	1	8000	0.000	1	8000	0.000	1	8000	0.000
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			0.395			0.392			0.787

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.