

Appendix E

Masterplan Options – Illustrative Layouts and Schedules of Accommodation

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This drawing is to be read in conjunction with all relevant architect's and other designers' drawings and associated specifications. Figured dimensions only are to be taken from this drawing. All dimensions are to be checked on site before any work is put in hand.

metres 25 50 75 100 125

1:1250

PLANNING APPLICATION RED LINE

MOWBRAY
RESIDENTIAL SUB
PHASE 2D

RAILWAY STATION
AND CAR PARK
LAND/ FUTURE
DEVELOPMENT

A264 CRAWLEY ROAD

A264 CRAWLEY ROAD

P06	Final revisions for planning submission	26.06.17	RC	FJM
P05	Leisure parcel revised	26.04.17	AL	FJM
P04	Final issue for planning	26.04.01	FJM	FJM
P03	Final issue, minor revision to parking	25.11.25	FJM	PH

Revision	Description	Date	Drawn	Checked
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Checked
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Client's Name
LEGAL & GENERAL (Strategic Land
North Horsham) Ltd

Job Title
MOWBRAY EMPLOYMENT LAND

Drawing Title
OPTION 3 ILLUSTRATIVE
MASTERPLAN

Scale
As indicated @A1

Practice Project No.
20967

Practice Project Code - Originator - Volume - Level - Type - Role - Number
20967-SBR-SW-XX-DR-A-00303

Status	Description	Rev
	FOR PLANNING	P06

1 OPTION 3 ILLUSTRATIVE MASTERPLAN
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20967 MOWBRAY EMPLOYMENT PARK: Option 03 Warehouse Lead plus Commercial Office Masterplan Approach

Rev E
Date 23/03/2026

Commerical brief outline consent				
	sqft	sqm	Parking Requirement 1 space per 30/sq.m GIA	
	499,983	46,450	1548	77
Building	Target Brief GIA for Each Building		Target Parking Spaces / Building	5% Accessible Spaces Required
A	94,992	8,825	294	15
B	94,992	8,825	294	15
C	31,000	2,880	96	5
D	23,756	2,207	74	4
E	81,999	7,618	254	13
F	30,494	2,833	94	5
G	88,501	8,222	274	14
H	30,494	2,833	94	5
I	23,756	2,207	74	4
Total	499,984	46,450	1548	77

5%
accessible parking
requirement

10,76391
sq.m to sq.ft conversion

Net to Gross Assumption
85%
NIA is equal to % of GIA

Cycle Space Requirements
BREEAM & BCO
10%

Breem Occupancy
11.1%
11.1% of Total Net Area (NIA)

BCO Occupancy
10%
10% of Total Net Area (NIA)

Warehouse GEA equal to
GIA x 103%
103%

Typical B8 Warehouse
Occupancy 1 person per
77sq.m GEA

B2 Industrial Occupancy 1
person per 36sq.m GIA
36

E(g) Light Industrial / Office
Occupancy 1 person per
10sq.m office or 1 person per
70sq.m Warehouse

B8 Warehouse up to
50k sq.ft Occupancy 1
person per 55sq.m
GIA
55

B8 Warehouse 50k sq.ft to
75k sq.ft Occupancy 1
person per 70sq.m GIA
70

B8 Warehouse up to 100k
sq.ft Occupancy 1 person
per 80sq.m GIA
80

B8 Warehouse up to 150k
sq.ft Occupancy 1 person
per 105sq.m GIA
105

B8 Warehouse up to 200k
sq.ft Occupancy 1 person
per 120sq.m GIA
120

Family Leisure facility
Occupancy 1 person per
65sq.m GIA
65

Health Centre Occupancy
1 person per 30sq.m GIA
30

BCO REQUIREMENT NOTES (OFFICE BUILDINGS)	EMPLOYMENT DENSITY GUIDE REQUIREMENTS (WAREHOUSES)
BCO Cycle Parking requirements: 1 space per 10 Staff. 1:10 occupancy. Nia 85% of GIA	Occupancy density for B8 Warehouse (Regional Distribution) 1 person per 77sq.m GEA (GEA equals GIA x 103%)
BCO Occupancy density for an office including reception area is 0.10 of Total Net Area.	Occupancy density for B2 Warehouse (Regional Distribution) 1 person per 36sq.m GIA
BREEAM REQUIREMENT NOTES (OFFICE BUILDINGS)	
Breem Cycle Parking requirements: 1 space per 10 Staff. 1:10 occupancy. Nia 85% of GIA	Breem Cycle Parking requirements: 1 space per ?? Staff.
Occupancy density for an office including reception area is 0.111 of Total Net Area.	Occupancy Density is ???

Planning Policy Notes Parking & Cycle Requirements based on GIA			
Use Class	Car Parking (sq.m per space)	Cycle Spaces (sq.m per space)	Visitor Cycle Spaces (sq.m per space)
E Commercial Offices	30	150	500
B2 General Industrial	40	200	500
B8 Warehouse / Storage	100	500	1000

Plot	Building	Use / Storey	Proposed GIA for Each Building		Proposed GEA for Each Building		Approximate NIA for each Building (sq.m)	BREEAM Occupancy Density for each Building (11.1% of NIA)	BCQ Occupancy Density for each Building (10% of NIA)	PARKING PROVISION				CYCLE PARKING PROVISION						
										Occupancy Density for Light Industrial / Office Buildings	Occupancy Density for each Warehouse Building	Required Parking Spaces for Each Building	Actual Parking Spaces Provided for Each Building	Proposed Parking Spaces Difference to Requirement (+ or -)	Required Accessible Parking Spaces for Each Building (5%)	BREEAM (EXCELLENT) CYCLE PARKING REQUIREMENTS Cycle Parking Spaces are 10% of occupancy for Each Building	PLANNING POLICY CYCLE PARKING REQUIREMENTS Cycle Parking Spaces for Each Building			BCQ CYCLE PARKING REQUIREMENTS 1:10 STAFF Cycle Parking Spaces for Each Building
			STAFF CYCLES	VISITORS	TOTAL															
			sqft	sqm	sqft	sqm														
01	A	3 & 4 Storey Office	97,195	9,039	102,934	9,563	7,683	853	768	0	0	301	304	3	15	85	0	15	101	77
	B	3 & 4 Storey Office	97,195	9,039	102,934	9,563	7,683	853	768	0	0	301	302	1	15	85	0	15	101	77
02	01	B8 Warehouse with 2 Storey Office	42,589	3,957	44,490	4,133	3,363	0	0	0	72	40	49	9	2		8	4	12	
	02	B8 Warehouse with 2 Storey Office	58,421	5,428	60,717	5,641	4,613	0	0	0	78	54	62	8	3		11	5	16	
03	02	B8 Warehouse with 2 Storey Office	58,693	5,453	60,684	5,638	4,635	0	0	0	78	55	60	5	3		11	5	16	
	03	B8 Warehouse with 2 Storey Office	51,709	4,804	53,995	5,016	4,083	0	0	0	69	48	68	20	2		10	5	14	
	04	B8 Warehouse with 2 Storey Office	40,090	3,724	42,067	3,908	3,166	0	0	0	68	37	42	5	2		7	4	11	
	05	B8 Warehouse with 2 Storey Office	34,975	3,249	36,702	3,410	2,762	0	0	0	59	32	32	0	2		6	3	10	
04	01	E(g) 2 Storey Light Industrial / Office	13,341	1,239	14,690	1,365	1,054	0	0	74	41	32	39	-2	2		6	2	11	
	02	E(g) 2 Storey Light Industrial / Office	10,047	933	11,309	1,051	793	0	0	56	31	32	32	1	2		6	2	8	
	03	E(g) 2 Storey Light Industrial / Office	12,233	1,137	13,576	1,261	966	0	0	68	38	38	36	-2	2		6	2	10	
	04	E(g) 2 Storey Light Industrial / Office	10,727	997	11,878	1,103	847	94	85	0	33	33	33	0	2	9	0	2	11	9
Total			527,217	48,999	555,977	51,652	41,649	1,800	1,621	197	423	1,012	1,059	47	51	180	75	66	321	163
			check		check		41,649	Most Onerous Requirement				Main Parking Provision		1,059				OVERALL CYCLE PROVISION		321
												Current Surplus Parking		47						
												Health Centre Parking Spaces		80						
												Leisure Facility Parking Spaces		327						
												Overall Parking Provision		1,466						

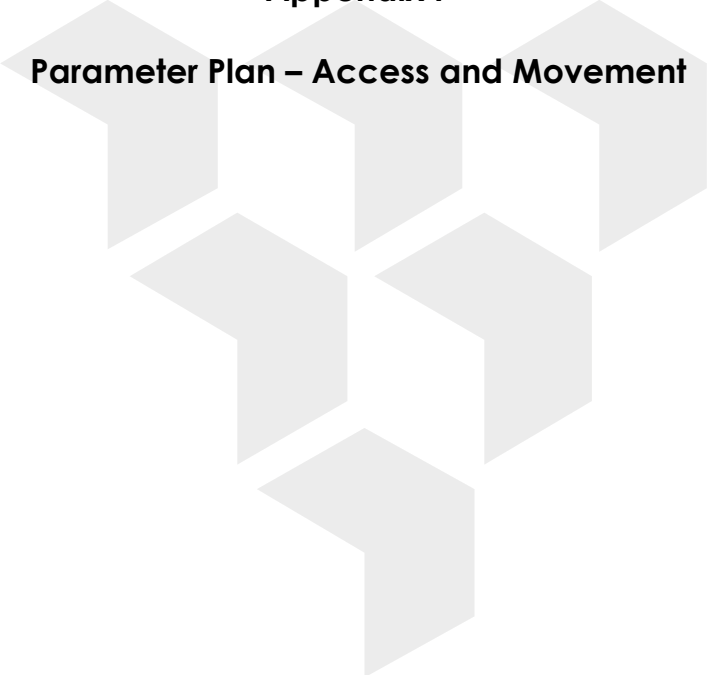
Other Buildings	Proposed GIA		Proposed GEA		Approximate NIA (sq.m)	Occupancy Density
	sq.ft	sq.m	sq.ft	sq.m		
Health Centre	20,470	1,902	22,148	2,058	1,617	63
Leisure Facility	57,049	5,300	59,503	5,528	4,505	133
Sub Total	77,519	7,202	81,651	7,586	6,122	196

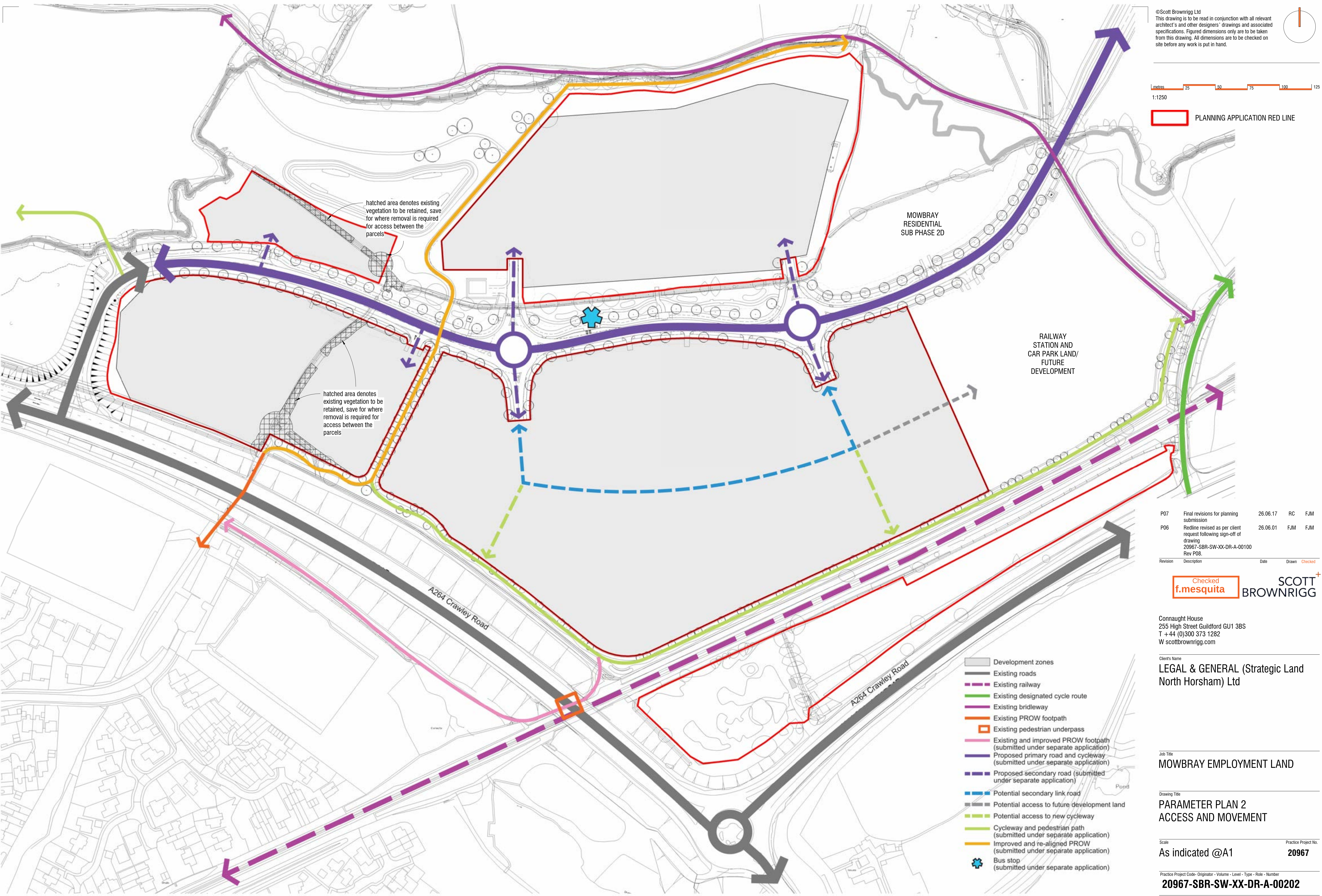
SUB TOTALS / USE CLASS						
E Office	194,589	18,078	205,868	19,126	15,366	1,706
B8 Warehouse	286,478	26,615	298,656	27,746	22,622	423
E(g) Light Industrial / Office	46,349	4,306	51,453	4,780	3,660	291
check						
527,416 48,999 555,977 51,652 41,649						
Approximate Overall Development Total	604,935	56,200	637,628	59,238	47,770	2,615
	sq.ft	sq.m	sq.ft	sq.m	sq.m	persons

Note: Employment land accommodation schedule does not include any development on the retained station land or the residential development on Phase 2D

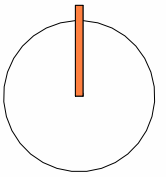
Appendix F

Parameter Plan – Access and Movement





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This drawing is to be read in conjunction with all relevant architect's and other designers' drawings and associated specifications. Figured dimensions only are to be taken from this drawing. All dimensions are to be checked on site before any work is put in hand.



metres 25 50 75 100 125

1:1250

PLANNING APPLICATION RED LINE

P07	Final revisions for planning submission	26.06.17	RC	FJM
P06	Redline revised as per client request following sign-off of drawing 20967-SBR-SW-XX-DR-A-00100 Rev P06.	26.06.01	FJM	FJM

Revision	Description	Date	Drawn	Checked
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Checked
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Client's Name
LEGAL & GENERAL (Strategic Land North Horsham) Ltd

Job Title
MOWBRAY EMPLOYMENT LAND

Drawing Title
PARAMETER PLAN 2
ACCESS AND MOVEMENT

Scale
As indicated @A1

Practice Project No.
20967

Practice Project Code- Originator - Volume - Level - Type - Role - Number
20967-SBR-SW-XX-DR-A-00202

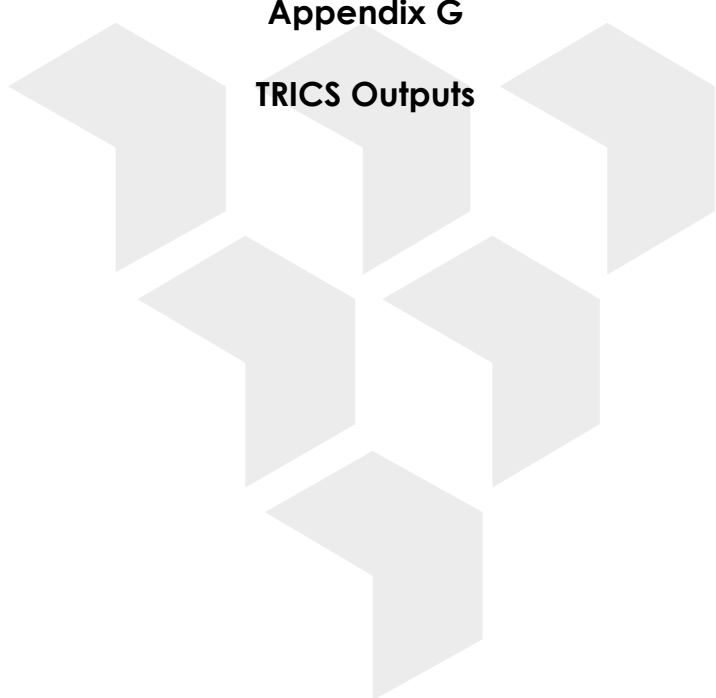
Status	Description	Rev
	FOR PLANNING	P07

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ACCESS AND MOVEMENT PARAMETER PLAN

1 : 1250



Appendix G

TRICS Outputs

Filtering Summary

Land Use	02/G	EMPLOYMENT/PARCEL DISTRIBUTION CENTRES
Selected Trip Rate Calculation Parameter Range	763-24154 sqm GFA	
Actual Trip Rate Calculation Parameter Range	1496-16000 sqm GFA	
Date Range	Minimum: 01/01/13	Maximum: 28/06/19
Parking Spaces Range	All Surveys Included	
Days of the week selected	Monday	1
	Tuesday	1
	Friday	2
Main Location Types selected	Edge of Town	4
Population within 500m	All Surveys Included	
Population <1 Mile ranges selected	1,001 to 5,000	2
	10,001 to 15,000	1
	25,001 to 50,000	1
Population <5 Mile ranges selected	25,001 to 50,000	1
	125,001 to 250,000	1
	250,001 to 500,000	1
	500,001 or More	1
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-225601-221206-1258

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
 Category : G - PARCEL DISTRIBUTION CENTRES
 TOTAL VEHICLES

Selected regions and areas:

02	SOUTH EAST	
	SO SLOUGH	1 days
05	EAST MIDLANDS	
	LN LINCOLNSHIRE	1 days
	NG NOTTINGHAM	1 days
17	ULSTER (NORTHERN IRELAND)	
	AN ANTRIM	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: 1496 to 16000 (units: sqm)
 Range Selected by User: 763 to 24154 (units: sqm)

Parking Spaces Range: All Surveys Included

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/13 to 28/06/19

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
Friday	2 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:

Edge of Town	4
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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
Commercial Zone	1
Development Zone	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:

B8 4 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 2 days

10,001 to 15,000 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:

25,001 to 50,000 1 days

125,001 to 250,000 1 days

250,001 to 500,000 1 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:

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:

Yes 1 days

No 3 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):	AN-02-G-01	Gross floor area:	16000 sqm
Development Name:	YODEL		
Location:	CARRICKFERGUS	Parking spaces:	53
Postcode:	BT38 8PH	No of Employees:	57
Main Location Type:	Edge of Town	Survey Date:	11/10/13
Sub-Location Type:	Industrial Zone	Survey Day:	Friday
PTAL:	n/a		
Site(2):	LN-02-G-01	Gross floor area:	1496 sqm
Development Name:	PARCELFORCE WORLDWIDE		
Location:	LINCOLN	Parking spaces:	36
Postcode:	LN6 3LQ	No of Employees:	50
Main Location Type:	Edge of Town	Survey Date:	28/06/19
Sub-Location Type:	Industrial Zone	Survey Day:	Friday
PTAL:	n/a		
Site(3):	NG-02-G-02	Gross floor area:	3000 sqm
Development Name:	CITY LINK		
Location:	NOTTINGHAM	Parking spaces:	43
Postcode:	NG8 6AS	No of Employees:	19
Main Location Type:	Edge of Town	Survey Date:	17/06/13
Sub-Location Type:	Commercial Zone	Survey Day:	Monday
PTAL:	n/a		
Site(4):	SO-02-G-01	Gross floor area:	15583 sqm
Development Name:	DHL		
Location:	SLOUGH	Parking spaces:	798
Postcode:	SL3 0BB	No of Employees:	897
Main Location Type:	Edge of Town	Survey Date:	06/03/18
Sub-Location Type:	Development Zone	Survey Day:	Tuesday
PTAL:	n/a		

TRIP RATE for Land Use 02 - EMPLOYMENT/G - PARCEL DISTRIBUTION CENTRES
 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 - 01:00	1	15583	0.077	1	15583	0.096	1	15583	0.173
01:00 - 02:00	1	15583	0.160	1	15583	0.083	1	15583	0.243
02:00 - 03:00	1	15583	0.186	1	15583	0.148	1	15583	0.334
03:00 - 04:00	1	15583	0.218	1	15583	0.167	1	15583	0.385
04:00 - 05:00	1	15583	0.225	1	15583	0.218	1	15583	0.443
05:00 - 06:00	3	11026	0.302	3	11026	0.097	3	11026	0.399
06:00 - 07:00	3	11026	0.308	3	11026	0.305	3	11026	0.613
07:00 - 08:00	4	9020	0.335	4	9020	0.266	4	9020	0.601
08:00 - 09:00	4	9020	0.502	4	9020	0.244	4	9020	0.746
09:00 - 10:00	4	9020	0.291	4	9020	0.205	4	9020	0.496
10:00 - 11:00	4	9020	0.200	4	9020	0.180	4	9020	0.380
11:00 - 12:00	4	9020	0.219	4	9020	0.211	4	9020	0.430
12:00 - 13:00	4	9020	0.166	4	9020	0.230	4	9020	0.396
13:00 - 14:00	4	9020	0.249	4	9020	0.241	4	9020	0.490
14:00 - 15:00	4	9020	0.208	4	9020	0.252	4	9020	0.460
15:00 - 16:00	4	9020	0.211	4	9020	0.269	4	9020	0.480
16:00 - 17:00	4	9020	0.274	4	9020	0.443	4	9020	0.717
17:00 - 18:00	4	9020	0.324	4	9020	0.527	4	9020	0.851
18:00 - 19:00	4	9020	0.280	4	9020	0.344	4	9020	0.624
19:00 - 20:00	4	9020	0.308	4	9020	0.233	4	9020	0.541
20:00 - 21:00	4	9020	0.164	4	9020	0.213	4	9020	0.377
21:00 - 22:00	3	11528	0.090	3	11528	0.156	3	11528	0.246
22:00 - 23:00	2	15792	0.104	2	15792	0.139	2	15792	0.243
23:00 - 24:00	1	15583	0.141	1	15583	0.212	1	15583	0.353
Total Rates:			5.542			5.479			11.021

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:	1496 - 16000 (units: sqm)
Survey date range:	01/01/13 - 28/06/19
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/G - PARCEL DISTRIBUTION CENTRES

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	1	15583	0.051	1	15583	0.013	1	15583	0.064
01:00 - 02:00	1	15583	0.058	1	15583	0.032	1	15583	0.090
02:00 - 03:00	1	15583	0.032	1	15583	0.064	1	15583	0.096
03:00 - 04:00	1	15583	0.039	1	15583	0.064	1	15583	0.103
04:00 - 05:00	1	15583	0.058	1	15583	0.083	1	15583	0.141
05:00 - 06:00	3	11026	0.091	3	11026	0.051	3	11026	0.142
06:00 - 07:00	3	11026	0.060	3	11026	0.076	3	11026	0.136
07:00 - 08:00	4	9020	0.044	4	9020	0.083	4	9020	0.127
08:00 - 09:00	4	9020	0.036	4	9020	0.030	4	9020	0.066
09:00 - 10:00	4	9020	0.050	4	9020	0.036	4	9020	0.086
10:00 - 11:00	4	9020	0.042	4	9020	0.055	4	9020	0.097
11:00 - 12:00	4	9020	0.039	4	9020	0.030	4	9020	0.069
12:00 - 13:00	4	9020	0.042	4	9020	0.039	4	9020	0.081
13:00 - 14:00	4	9020	0.036	4	9020	0.028	4	9020	0.064
14:00 - 15:00	4	9020	0.030	4	9020	0.033	4	9020	0.063
15:00 - 16:00	4	9020	0.042	4	9020	0.033	4	9020	0.075
16:00 - 17:00	4	9020	0.039	4	9020	0.047	4	9020	0.086
17:00 - 18:00	4	9020	0.022	4	9020	0.030	4	9020	0.052
18:00 - 19:00	4	9020	0.039	4	9020	0.044	4	9020	0.083
19:00 - 20:00	4	9020	0.028	4	9020	0.044	4	9020	0.072
20:00 - 21:00	4	9020	0.047	4	9020	0.042	4	9020	0.089
21:00 - 22:00	3	11528	0.032	3	11528	0.032	3	11528	0.064
22:00 - 23:00	2	15792	0.066	2	15792	0.025	2	15792	0.091
23:00 - 24:00	1	15583	0.083	1	15583	0.039	1	15583	0.122
Total Rates:			1.106			1.053			2.159

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 CALCULATION SELECTION PARAMETERS:

Land Use: 02 - Site area
Category: D - Gross floor area
Total Vehicles

Selected regions and areas:

02	SOUTH EAST		
	EX	ESSEX	2 days
05	EAST MIDLANDS		
	LN	LINCOLNSHIRE	3 days
07	YORKSHIRE & NORTH LINCOLNSHIRE		
	AK	WAKEFIELD	1 day
	NY	NORTH YORKSHIRE	1 day
09	NORTH		
	TW	TYNE & WEAR	1 day
10	WALES		
	SW	SWANSEA	2 days
12	CONNAUGHT		
	CS	SLIGO	2 days
	RO	ROSCOMMON	1 day
13	MUNSTER		
	CR	CORK	1 day

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:	0.28 to 2.7 (units:sqm)
Range Selected by User:	0.28 to 2.7 (units:sqm)
Parking Spaces Range:	All Surveys Included

Public Transport Provision:

Selection by:	Include all surveys
Date Range:	01/01/16 to 06/06/24

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:

Friday	5 days
Monday	2 days
Thursday	2 days
Tuesday	3 days
Wednesday	2 days

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

Selected survey types:

Manual count	14
Direction ATC Count	0

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	13 days
Suburban Area (PPS6 Out of Centre)	1 days

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:

Development Zone	1 days
Industrial Zone	11 days
No Sub Category	2 days

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 Vehicle Counts:

Servicing vehicles Excluded	8 days
Servicing vehicles Included	6 days

Secondary Filtering Selection:

Use Class:

Not Known

14 surveys

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®.

Population within 500m Range:

0 - 1986

Population within 1 mile:

1,001 to 5,000

4 surveys

10,001 to 15,000

5 surveys

5,001 to 10,000

5 surveys

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

Population within 5 miles:

100,001 to 125,000

1 surveys

125,001 to 250,000

7 surveys

5,001 to 25,000

6 surveys

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 surveys

1.1 to 1.5

3 surveys

1.6 to 2.0

2 surveys

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.



Petrol filling station:

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

Travel Plan:

No 14 surveys

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 14 surveys

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

COVID-19 Restrictions:

No

This data displays the number of surveys within the selected set that include petrol filling station activity, and the number of surveys that do not.

LIST OF SITES relevant to selection parameters:

Site 1:	AK-02-D-02	Site area (sqm):	2.2
Development Name:	INDUSTRIAL ESTATE (PART)	Gross floor area (sqm):	4328
Location:	CASTLEFORD	Parking spaces:	95
Postcode:	WF10 5QU	No of Employees:	23
Main Location Type:	Edge of Town	Survey Date:	5/23/2017
Sub Location Type:	Industrial Zone	Survey Day:	Tuesday
PTAL:	N/A		
Site 2:	CR-02-D-02	Site area (sqm):	2.66
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	4727
Location:	CORK	Parking spaces:	128
Postcode:		No of Employees:	122
Main Location Type:	Edge of Town	Survey Date:	10/14/2019
Sub Location Type:	Industrial Zone	Survey Day:	Monday
PTAL:	N/A		
Site 3:	CS-02-D-02	Site area (sqm):	0.94
Development Name:	INDUSTRIAL ESTATE (PART)	Gross floor area (sqm):	1920
Location:	COLLOONEY	Parking spaces:	88
Postcode:		No of Employees:	39
Main Location Type:	Edge of Town	Survey Date:	10/21/2022
Sub Location Type:	Industrial Zone	Survey Day:	Friday
PTAL:	N/A		
Site 4:	CS-02-D-03	Site area (sqm):	1.13
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	3385
Location:	SLIGO	Parking spaces:	221
Postcode:	F91 YF76	No of Employees:	96
Main Location Type:	Edge of Town	Survey Date:	9/6/2023
Sub Location Type:	No Sub Category	Survey Day:	Wednesday
PTAL:	N/A		
Site 5:	EX-02-D-03	Site area (sqm):	1.36
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	4876
Location:	COLCHESTER	Parking spaces:	145
Postcode:	CO4 9HZ	No of Employees:	150
Main Location Type:	Edge of Town	Survey Date:	5/18/2018
Sub Location Type:	Industrial Zone	Survey Day:	Friday
PTAL:	N/A		
Site 6:	EX-02-D-05	Site area (sqm):	1.63
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	7280
Location:	COLCHESTER	Parking spaces:	179
Postcode:	CO4 9TB	No of Employees:	160
Main Location Type:	Edge of Town	Survey Date:	5/18/2018
Sub Location Type:	Industrial Zone	Survey Day:	Friday
PTAL:	N/A		
Site 7:	LN-02-D-04	Site area (sqm):	0.35
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	1506
Location:	LOUTH	Parking spaces:	50
Postcode:	LN11 0UZ	No of Employees:	21
Main Location Type:	Edge of Town	Survey Date:	4/22/2024
Sub Location Type:	Industrial Zone	Survey Day:	Monday
PTAL:	N/A		
Site 8:	LN-02-D-05	Site area (sqm):	0.55
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	2176
Location:	LOUTH	Parking spaces:	63
Postcode:	LN11 0YP	No of Employees:	33
Main Location Type:	Edge of Town	Survey Date:	4/18/2024
Sub Location Type:	Industrial Zone	Survey Day:	Thursday
PTAL:	N/A		

Site 9:	LN-02-D-06	Site area (sqm):	0.28
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	1470
Location:	LOUTH	Parking spaces:	37
Postcode:	LN11 0ZR	No of Employees:	31
Main Location Type:	Edge of Town	Survey Date:	4/30/2024
Sub Location Type:	Industrial Zone	Survey Day:	Tuesday
PTAL:	N/A		
Site 10:	NY-02-D-04	Site area (sqm):	0.84
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	1660
Location:	KNARESBOROUGH	Parking spaces:	163
Postcode:	HG5 8FA	No of Employees:	54
Main Location Type:	Edge of Town	Survey Date:	6/30/2023
Sub Location Type:	Industrial Zone	Survey Day:	Friday
PTAL:	N/A		
Site 11:	RO-02-D-01	Site area (sqm):	0.56
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	2030
Location:	ROSCOMMON	Parking spaces:	143
Postcode:	F42 VY24	No of Employees:	56
Main Location Type:	Edge of Town	Survey Date:	4/27/2018
Sub Location Type:	No Sub Category	Survey Day:	Friday
PTAL:	N/A		
Site 12:	SW-02-D-01	Site area (sqm):	1.6
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	6822
Location:	SWANSEA	Parking spaces:	114
Postcode:	SA6 8QQ	No of Employees:	260
Main Location Type:	Edge of Town	Survey Date:	10/9/2019
Sub Location Type:	Industrial Zone	Survey Day:	Wednesday
PTAL:	N/A		
Site 13:	SW-02-D-02	Site area (sqm):	1.4
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	5280
Location:	SWANSEA	Parking spaces:	62
Postcode:	SA6 8RB	No of Employees:	190
Main Location Type:	Edge of Town	Survey Date:	10/10/2019
Sub Location Type:	Industrial Zone	Survey Day:	Thursday
PTAL:	N/A		
Site 14:	TW-02-D-08	Site area (sqm):	2.7
Development Name:	INDUSTRIAL ESTATE	Gross floor area (sqm):	8310
Location:	SUNDERLAND	Parking spaces:	212
Postcode:	SR5 3TX	No of Employees:	180
Main Location Type:	Suburban Area	Survey Date:	4/4/2017
Sub Location Type:	Development Zone	Survey Day:	Tuesday
PTAL:	N/A		

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

Total Vehicles

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00	9	3216	0.100	0.052	0.152
06:00-07:00	9	3216	0.221	0.111	0.332
07:00-08:00	14	3984	0.298	0.140	0.438
08:00-09:00	14	3984	0.585	0.287	0.872
09:00-10:00	14	3984	0.533	0.355	0.888
10:00-11:00	14	3984	0.459	0.346	0.805
11:00-12:00	14	3984	0.384	0.420	0.804
12:00-13:00	14	3984	0.386	0.394	0.780
13:00-14:00	14	3984	0.439	0.486	0.925
14:00-15:00	14	3984	0.391	0.454	0.845
15:00-16:00	14	3984	0.400	0.405	0.805
16:00-17:00	14	3984	0.359	0.516	0.875
17:00-18:00	14	3984	0.271	0.590	0.861
18:00-19:00	14	3984	0.100	0.273	0.373
19:00-20:00	9	3216	0.073	0.252	0.325
20:00-21:00	9	3216	0.014	0.093	0.107
21:00-22:00					
22:00-23:00					
23:00-00:00					
Totals Rates:			5.013	5.174	10.187

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:	552 - 10000 (units: sqm)
Survey date date range:	04/04/2017 - 30/04/2024
Number of weekdays (Monday-Friday):	14
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 show. 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

Scooters

Calculation factor: 100 sqm

*BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00	9	3216	0	0	0
06:00-07:00	9	3216	0	0	0
07:00-08:00	14	3984	0	0	0
08:00-09:00	14	3984	0	0	0
09:00-10:00	14	3984	0	0	0
10:00-11:00	14	3984	0.002	0	0.002
11:00-12:00	14	3984	0	0	0
12:00-13:00	14	3984	0	0	0
13:00-14:00	14	3984	0	0	0
14:00-15:00	14	3984	0	0	0
15:00-16:00	14	3984	0	0	0
16:00-17:00	14	3984	0	0	0
17:00-18:00	14	3984	0	0.002	0.002
18:00-19:00	14	3984	0	0	0
19:00-20:00	9	3216	0	0	0
20:00-21:00	9	3216	0	0	0
21:00-22:00					
22:00-23:00					
23:00-00:00					
Totals Rates:			0.002	0.002	0.004

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.

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Parameter Summary:

Trip rate parameter range selected:	552 - 10000 (units: sqm)
Survey date date range:	30/06/2023 - 30/06/2023
Number of weekdays (Monday-Friday):	1
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

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

Cyclists

Calculation factor: 100 sqm

*BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00	9	3216	0.003	0	0.003
06:00-07:00	9	3216	0.003	0	0.003
07:00-08:00	14	3984	0.004	0	0.004
08:00-09:00	14	3984	0.016	0.005	0.021
09:00-10:00	14	3984	0.002	0	0.002
10:00-11:00	14	3984	0.002	0.004	0.006
11:00-12:00	14	3984	0.004	0.007	0.011
12:00-13:00	14	3984	0	0.002	0.002
13:00-14:00	14	3984	0.005	0.004	0.009
14:00-15:00	14	3984	0.002	0.014	0.016
15:00-16:00	14	3984	0.007	0.007	0.014
16:00-17:00	14	3984	0.004	0.005	0.009
17:00-18:00	14	3984	0.007	0.009	0.016
18:00-19:00	14	3984	0.002	0.002	0.004
19:00-20:00	9	3216	0.003	0.003	0.006
20:00-21:00	9	3216	0	0.003	0.003
21:00-22:00					
22:00-23:00					
23:00-00:00					
Totals Rates:			0.064	0.065	0.129

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: $COUNT/TRP \times FACT$. Trip rates are then rounded to 3 decimal places.

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Parameter Summary:

Trip rate parameter range selected:	552 - 10000 (units: sqm)
Survey date date range:	04/04/2017 - 30/04/2024
Number of weekdays (Monday-Friday):	12
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 show. 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

Taxis

Calculation factor: 100 sqm

*BOLD print indicates peak (busiest) period

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00	9	3216	0	0	0
06:00-07:00	9	3216	0	0	0
07:00-08:00	14	3984	0	0	0
08:00-09:00	14	3984	0	0	0
09:00-10:00	14	3984	0	0	0
10:00-11:00	14	3984	0.005	0.005	0.010
11:00-12:00	14	3984	0	0	0
12:00-13:00	14	3984	0.002	0.002	0.004
13:00-14:00	14	3984	0.002	0.002	0.004
14:00-15:00	14	3984	0.007	0.007	0.014
15:00-16:00	14	3984	0.004	0.002	0.006
16:00-17:00	14	3984	0.002	0.002	0.004
17:00-18:00	14	3984	0	0	0
18:00-19:00	14	3984	0	0	0
19:00-20:00	9	3216	0	0	0
20:00-21:00	9	3216	0	0	0
21:00-22:00					
22:00-23:00					
23:00-00:00					
Totals Rates:			0.022	0.020	0.042

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:	552 - 10000 (units: sqm)
Survey date date range:	04/04/2017 - 30/06/2023
Number of weekdays (Monday-Friday):	7
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 show. 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

Cars

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00	9	3216	0.059	0.017	0.076
06:00-07:00	9	3216	0.121	0.048	0.169
07:00-08:00	14	3984	0.185	0.043	0.228
08:00-09:00	14	3984	0.427	0.127	0.554
09:00-10:00	14	3984	0.351	0.204	0.555
10:00-11:00	14	3984	0.276	0.197	0.473
11:00-12:00	14	3984	0.222	0.247	0.469
12:00-13:00	14	3984	0.221	0.246	0.467
13:00-14:00	14	3984	0.294	0.351	0.645
14:00-15:00	14	3984	0.219	0.282	0.501
15:00-16:00	14	3984	0.222	0.256	0.478
16:00-17:00	14	3984	0.217	0.344	0.561
17:00-18:00	14	3984	0.210	0.490	0.700
18:00-19:00	14	3984	0.082	0.188	0.270
19:00-20:00	9	3216	0.066	0.214	0.280
20:00-21:00	9	3216	0.003	0.069	0.072
21:00-22:00					
22:00-23:00					
23:00-00:00					
Totals Rates:			3.175	3.323	6.498

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:	552 - 10000 (units: sqm)
Survey date date range:	04/04/2017 - 30/04/2024
Number of weekdays (Monday-Friday):	14
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 show. 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

Motorcycles

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00	9	3216	0	0	0
06:00-07:00	9	3216	0.003	0	0.003
07:00-08:00	14	3984	0.004	0.002	0.006
08:00-09:00	14	3984	0.002	0	0.002
09:00-10:00	14	3984	0	0.002	0.002
10:00-11:00	14	3984	0.004	0.002	0.006
11:00-12:00	14	3984	0	0	0
12:00-13:00	14	3984	0.002	0.002	0.004
13:00-14:00	14	3984	0.002	0.004	0.006
14:00-15:00	14	3984	0.002	0.004	0.006
15:00-16:00	14	3984	0	0	0
16:00-17:00	14	3984	0	0.002	0.002
17:00-18:00	14	3984	0	0.002	0.002
18:00-19:00	14	3984	0	0.004	0.004
19:00-20:00	9	3216	0	0	0
20:00-21:00	9	3216	0	0	0
21:00-22:00					
22:00-23:00					
23:00-00:00					
Totals Rates:			0.019	0.024	0.043

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.

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Parameter Summary:

Trip rate parameter range selected:	552 - 10000 (units: sqm)
Survey date date range:	04/04/2017 - 18/04/2024
Number of weekdays (Monday-Friday):	7
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 show. 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

Servicing Vehicles

Calculation factor: 100 sqm

**BOLD print indicates peak (busiest) period*

Time Range	No. Days	Ave. GFA	Arrivals	Departures	Totals
00:00-01:00					
01:00-02:00					
02:00-03:00					
03:00-04:00					
04:00-05:00					
05:00-06:00	9	3216	0.003	0.003	0.006
06:00-07:00	9	3216	0.017	0.021	0.038
07:00-08:00	14	3984	0.041	0.014	0.055
08:00-09:00	14	3984	0.041	0.038	0.079
09:00-10:00	14	3984	0.050	0.050	0.100
10:00-11:00	14	3984	0.034	0.034	0.068
11:00-12:00	14	3984	0.032	0.036	0.068
12:00-13:00	14	3984	0.023	0.025	0.048
13:00-14:00	14	3984	0.023	0.025	0.048
14:00-15:00	14	3984	0.030	0.030	0.060
15:00-16:00	14	3984	0.038	0.025	0.063
16:00-17:00	14	3984	0.027	0.039	0.066
17:00-18:00	14	3984	0.005	0.014	0.019
18:00-19:00	14	3984	0	0.007	0.007
19:00-20:00	9	3216	0	0.003	0.003
20:00-21:00	9	3216	0	0.003	0.003
21:00-22:00					
22:00-23:00					
23:00-00:00					
Totals Rates:			0.364	0.367	0.731

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.

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Parameter Summary:

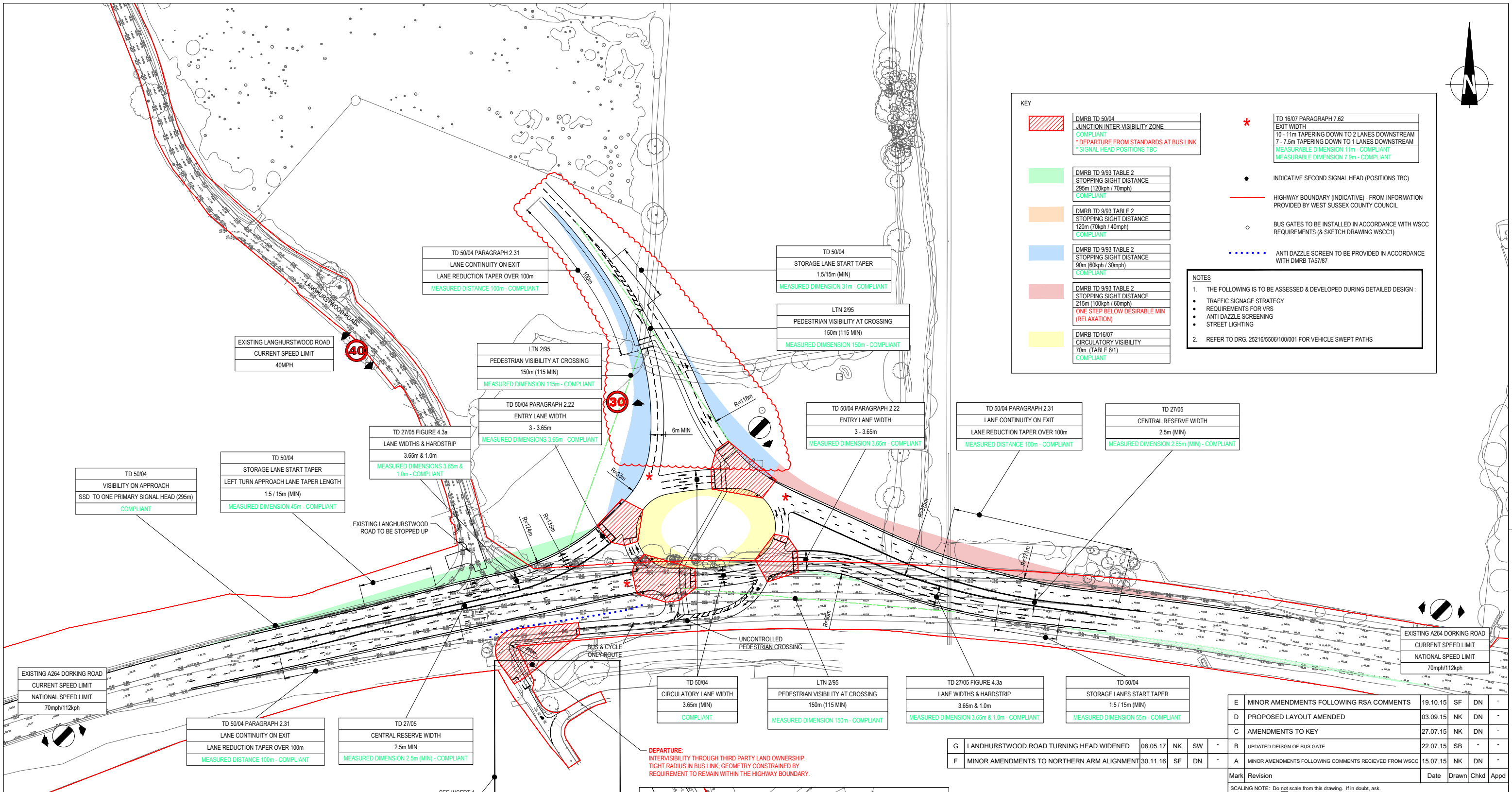
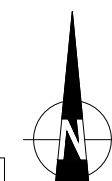
Trip rate parameter range selected:	552 - 10000 (units: sqm)
Survey date date range:	18/05/2018 - 30/04/2024
Number of weekdays (Monday-Friday):	5
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

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 show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

Appendix H

Agreed Highways Improvements to A264 Junctions

A264 Langhurst Wood Road Roundabout
A264 Rusper Road Roundabout
A264 Moorhead Roundabout



KEY

	DMRB TD 50/04 JUNCTION INTER-VISIBILITY ZONE COMPLIANT * DEPARTURE FROM STANDARDS AT BUS LINK * SIGNAL HEAD POSITIONS TBC
	DMRB TD 9/93 TABLE 2 STOPPING SIGHT DISTANCE 295m (120kph / 70mph) COMPLIANT
	DMRB TD 9/93 TABLE 2 STOPPING SIGHT DISTANCE 120m (70kph / 40mph) COMPLIANT
	DMRB TD 9/93 TABLE 2 STOPPING SIGHT DISTANCE 90m (60kph / 30mph) COMPLIANT
	DMRB TD 9/93 TABLE 2 STOPPING SIGHT DISTANCE 215m (100kph / 60mph) ONE STEP BELOW DESIRABLE MIN (RELAXATION)
	DMRB TD16/07 CIRCULATORY VISIBILITY 70m (TABLE 8/1) COMPLIANT

NOTES

- THE FOLLOWING IS TO BE ASSESSED & DEVELOPED DURING DETAILED DESIGN :
 - TRAFFIC SIGNAGE STRATEGY
 - REQUIREMENTS FOR VRS
 - ANTI DAZZLE SCREENING
 - STREET LIGHTING
- REFER TO DRG. 25216/5506/100/001 FOR VEHICLE SWEEP PATHS

DMRB TD 16/07 PARAGRAPH 7.62
EXIT WIDTH
10 - 11m TAPERING DOWN TO 2 LANES DOWNSTREAM
7 - 7.5m TAPERING DOWN TO 1 LANES DOWNSTREAM
MEASURABLE DIMENSION 11m - COMPLIANT
MEASURABLE DIMENSION 7.9m - COMPLIANT

INDICATIVE SECOND SIGNAL HEAD (POSITIONS TBC)

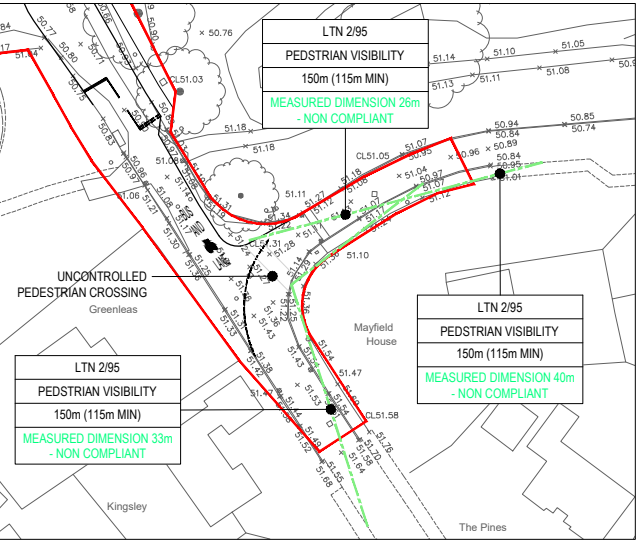
HIGHWAY BOUNDARY (INDICATIVE) - FROM INFORMATION PROVIDED BY WEST SUSSEX COUNTY COUNCIL

BUS GATES TO BE INSTALLED IN ACCORDANCE WITH WSCC REQUIREMENTS (& SKETCH DRAWING WSCC1)

ANTI DAZZLE SCREEN TO BE PROVIDED IN ACCORDANCE WITH DMRB TA57/87

Design principles applied
Proposed junction geometry has been established with consideration to spatial constraints, highway corridor model capacity (to 2031), topography, known utilities apparatus & appropriate guidance derived from the following documents (Design manual for roads & bridges)

TAL 2/03 Signal-control at Junctions of high speed roads
TD 9/93 Highway Link Design
TD 16/07 Geometric Design of Roundabouts
TD 19/06 Requirements for Road Restraint Systems
TD 27/05 Cross-sections and Headroom
TD 50/04 The Geometric Layout of Signal-Controlled Junctions and Signalised Roundabouts
TD 51/03 Segregated left turn lanes & subsidiary deflection islands at roundabouts
TA 90/05 The Geometric Design of Pedestrian, Cycle and Equestrian Routes
TA 91/05 Provision for Non-Motorised Users



G	LANDHURSTWOOD ROAD TURNING HEAD WIDENED	08.05.17	NK	SW	-
F	MINOR AMENDMENTS TO NORTHERN ARM ALIGNMENT	30.11.16	SF	DN	-

E	MINOR AMENDMENTS FOLLOWING RSA COMMENTS	19.10.15	SF	DN	-
D	PROPOSED LAYOUT AMENDED	03.09.15	NK	DN	-
C	AMENDMENTS TO KEY	27.07.15	NK	DN	-
B	UPDATED DESIGN OF BUS GATE	22.07.15	SB	-	-
A	MINOR AMENDMENTS FOLLOWING COMMENTS RECEIVED FROM WSCC	15.07.15	NK	DN	-
Mark	Revision	Date	Drawn	Chkd	Appd

SCALING NOTE: Do not scale from this drawing. If in doubt, ask.
UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake his own investigation where the presence of any existing sewers, services, plant or apparatus may affect his operations.

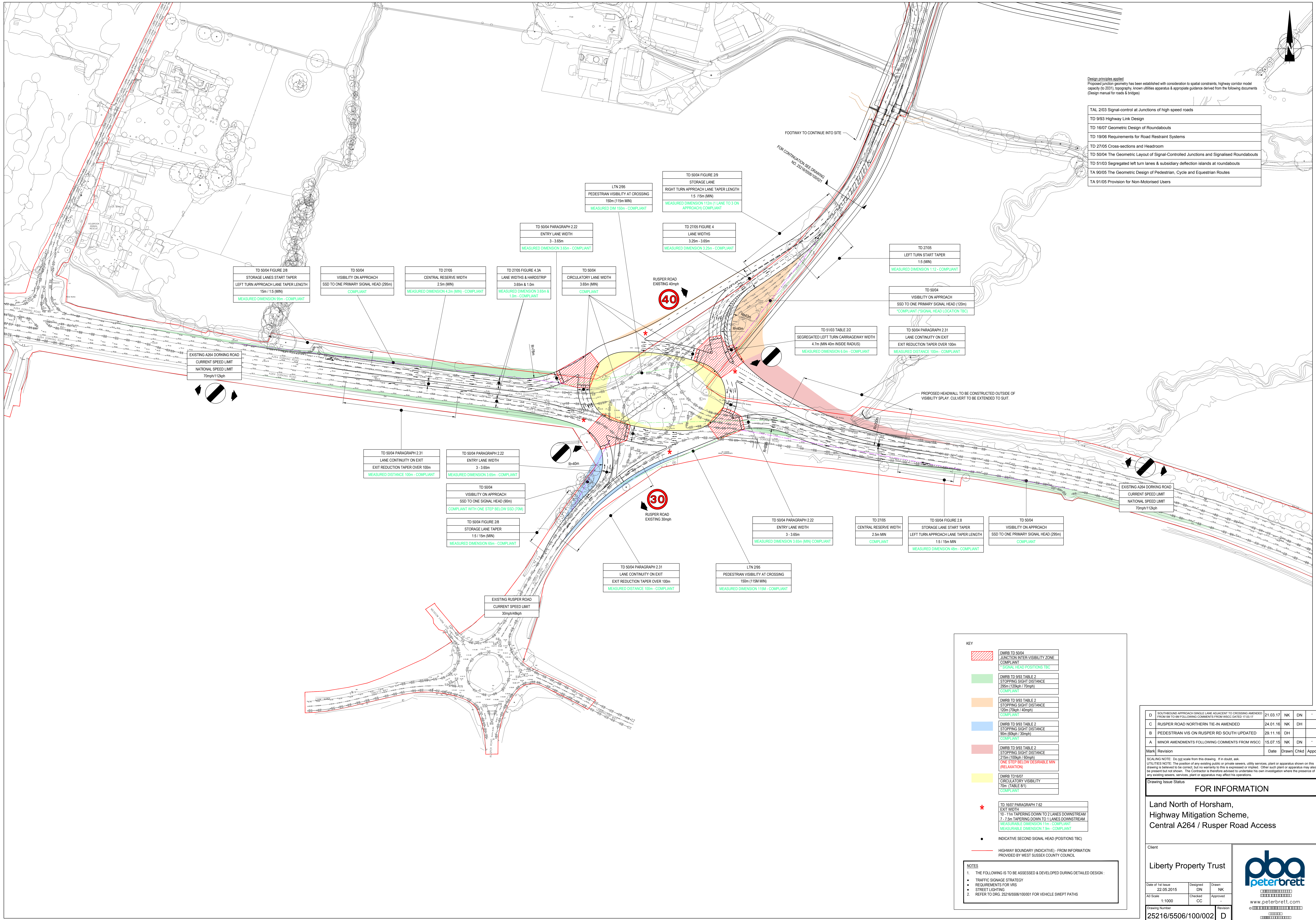
FOR INFORMATION

Land North of Horsham,
Highway Mitigation Scheme,
Western A264 / Langhurstwood Road Access
Geometric Design Review

Client
Liberty Property Trust

Date of 1st Issue 22.05.2015	Designed DN	Drawn NK
A1 Scale 1:1000	Checked CC	Approved -
Drawing Number 25216/5506/100/001		Revision G

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Design principles applied
Proposed junction geometry has been established with consideration to spatial constraints, highway corridor model capacity (to 2031), topography, known utilities apparatus & appropriate guidance derived from the following documents (Design manual for roads & bridges)

TAL 2/03 Signal-control at Junctions of high speed roads
TD 9/93 Highway Link Design
TD 16/07 Geometric Design of Roundabouts
TD 19/06 Requirements for Road Restraint Systems
TD 27/05 Cross-sections and Headroom
TD 50/04 The Geometric Layout of Signal-Controlled Junctions and Signalised Roundabouts
TD 51/03 Segregated left turn lanes & subsidiary deflection islands at roundabouts
TA 90/05 The Geometric Design of Pedestrian, Cycle and Equestrian Routes
TA 91/05 Provision for Non-Motorised Users

TD 50/04 FIGURE 2/8 STORAGE LANES START TAPER LEFT TURN APPROACH LANE TAPER LENGTH 15m / 1.5 (MIN) MEASURED DIMENSION 95m - COMPLIANT

TD 50/04 VISIBILITY ON APPROACH SSD TO ONE PRIMARY SIGNAL HEAD (295m) COMPLIANT
--

TD 27/05 CENTRAL RESERVE WIDTH 2.5m (MIN) MEASURED DIMENSION 4.2m (MIN) - COMPLIANT
--

TD 27/05 FIGURE 4.3A LANE WIDTHS & HARDSTRIP 3.65m & 1.0m MEASURED DIMENSION 3.65m & 1.0m - COMPLIANT
--

TD 50/04 CIRCULATORY LANE WIDTH 3.65m (MIN) COMPLIANT
--

TD 50/04 FIGURE 2/9 STORAGE LANE RIGHT TURN APPROACH LANE TAPER LENGTH 1.5 / 15m (MIN) MEASURED DIMENSION 112m (1 LANE TO 3 ON APPROACH) COMPLIANT
--

TD 27/05 FIGURE 4 LANE WIDTHS 3.25m - 3.65m MEASURED DIMENSION 3.25m - COMPLIANT

TD 27/05 LEFT TURN START TAPER 1.5 (MIN) MEASURED DIMENSION 1.12 - COMPLIANT

TD 50/04 VISIBILITY ON APPROACH SSD TO ONE PRIMARY SIGNAL HEAD (120m) COMPLIANT (SIGNAL HEAD LOCATION TBC)

TD 51/03 TABLE 2/2 SEGREGATED LEFT TURN CARRIAGEWAY WIDTH 4.7m (MIN 40m INSIDE RADIUS) MEASURED DIMENSION 6.0m - COMPLIANT

TD 50/04 PARAGRAPH 2.31 LANE CONTINUITY ON EXIT EXIT REDUCTION TAPER OVER 100m MEASURED DISTANCE 100m - COMPLIANT
--

EXISTING A264 DORKING ROAD CURRENT SPEED LIMIT NATIONAL SPEED LIMIT 70mph/112kph

TD 50/04 PARAGRAPH 2.31 LANE CONTINUITY ON EXIT EXIT REDUCTION TAPER OVER 100m MEASURED DISTANCE 100m - COMPLIANT
--

TD 50/04 PARAGRAPH 2.22 ENTRY LANE WIDTH 3 - 3.65m MEASURED DIMENSION 3.65m - COMPLIANT
--

TD 50/04 VISIBILITY ON APPROACH SSD TO ONE SIGNAL HEAD (90m) COMPLIANT WITH ONE STEP BELOW SSD (70m)
TD 50/04 FIGURE 2/8 STORAGE LANE TAPER 1.5 / 15m (MIN) MEASURED DIMENSION 65m - COMPLIANT

TD 50/04 PARAGRAPH 2.31 LANE CONTINUITY ON EXIT EXIT REDUCTION TAPER OVER 100m MEASURED DISTANCE 100m - COMPLIANT
--

LTN 2/95 PEDESTRIAN VISIBILITY AT CROSSING 150m (115m MIN) MEASURED DIMENSION 115m - COMPLIANT

TD 50/04 PARAGRAPH 2.22 ENTRY LANE WIDTH 3 - 3.65m MEASURED DIMENSION 3.65m (MIN) COMPLIANT
--

TD 27/05 CENTRAL RESERVE WIDTH 2.5m MIN COMPLIANT
--

TD 50/04 FIGURE 2/8 STORAGE LANE START TAPER LEFT TURN APPROACH LANE TAPER LENGTH 1.5 / 15m MIN MEASURED DIMENSION 48m - COMPLIANT
--

TD 50/04 VISIBILITY ON APPROACH SSD TO ONE PRIMARY SIGNAL HEAD (295m) COMPLIANT
--

EXISTING A264 DORKING ROAD CURRENT SPEED LIMIT NATIONAL SPEED LIMIT 70mph/112kph

KEY	DMRB TD 50/04 JUNCTION INTER-VISIBILITY ZONE COMPLIANT SIGNAL HEAD POSITIONS TBC
DMRB TD 9/93 TABLE 2 STOPPING SIGHT DISTANCE 295m (120kph / 70mph) COMPLIANT	
DMRB TD 9/93 TABLE 2 STOPPING SIGHT DISTANCE 120m (70kph / 40mph) COMPLIANT	
DMRB TD 9/93 TABLE 2 STOPPING SIGHT DISTANCE 90m (60kph / 30mph) COMPLIANT	
DMRB TD 9/93 TABLE 2 STOPPING SIGHT DISTANCE 215m (100kph / 60mph) ONE STEP BELOW DESIRABLE MIN (RELAXATION)	
DMRB TD 16/07 CIRCULATORY VISIBILITY 70m (TABLE 8/1) COMPLIANT	
TD 16/07 PARAGRAPH 7.62 EXIT WIDTH 10 - 11m TAPERING DOWN TO 2 LANES DOWNSTREAM 7 - 7.5m TAPERING DOWN TO 1 LANES DOWNSTREAM MEASURABLE DIMENSION 11m - COMPLIANT MEASURABLE DIMENSION 7.5m - COMPLIANT	
INDICATIVE SECOND SIGNAL HEAD (POSITIONS TBC)	
HIGHWAY BOUNDARY (INDICATIVE) - FROM INFORMATION PROVIDED BY WEST SUSSEX COUNTY COUNCIL	

- NOTES
- THE FOLLOWING IS TO BE ASSESSED & DEVELOPED DURING DETAILED DESIGN:
 - TRAFFIC SIGNAGE STRATEGY
 - REQUIREMENTS FOR VRS
 - STREET LIGHTING
 - REFER TO DRG. 25216/5506/100/001 FOR VEHICLE SWEEP PATHS

D	SOUTHBOUND APPROACH SINGLE LANE ADJACENT TO CROSSING AMENDED FROM 3M TO 8M FOLLOWING COMMENTS FROM WSCC DATED 17.03.17	21.03.17	NK	DN	-
C	RUSPER ROAD NORTHERN TIE-IN AMENDED	24.01.16	NK	DH	
B	PEDESTRIAN VIS ON RUSPER RD SOUTH UPDATED	29.11.16	DH		
A	MINOR AMENDMENTS FOLLOWING COMMENTS FROM WSCC	15.07.15	NK	DN	-
Mark	Revision	Date	Drawn	Chkd	Appd

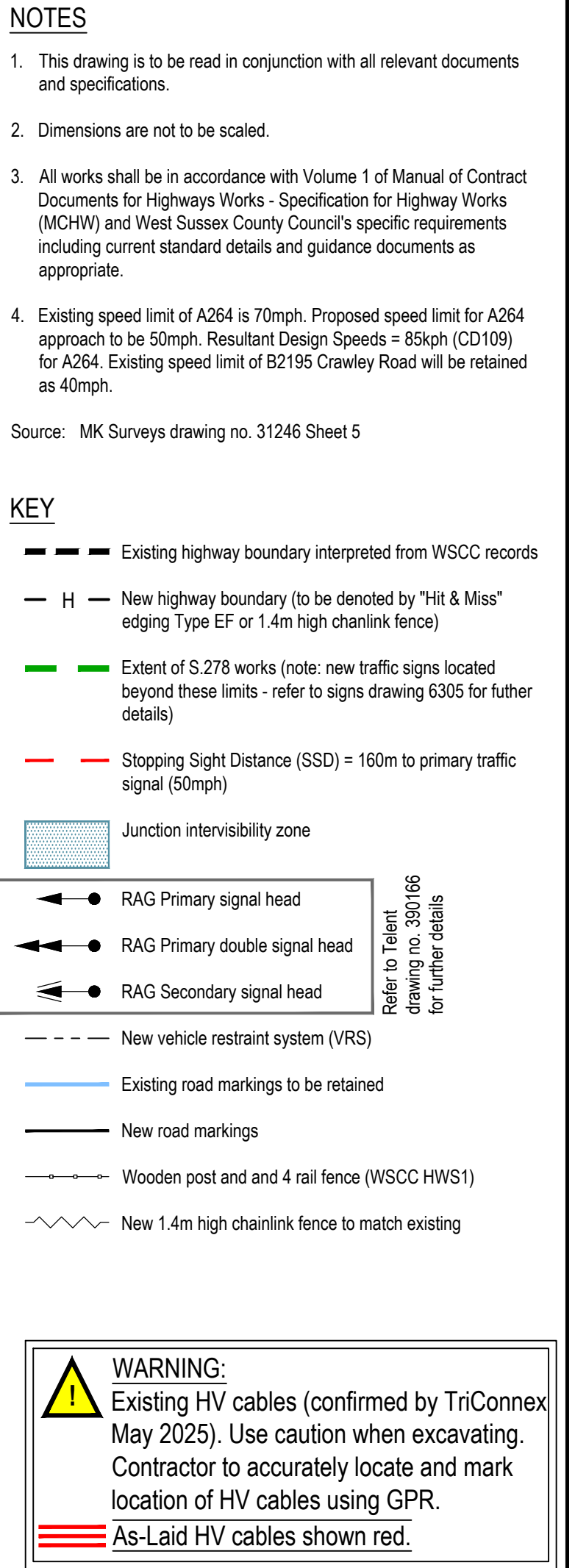
SCALING NOTE: Do not scale from this drawing. If in doubt, ask.
UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty is made in this regard. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake his own investigation where the presence of any existing sewers, services, plant or apparatus may affect his operations.

Drawing Issue Status

FOR INFORMATION

Land North of Horsham,
Highway Mitigation Scheme,
Central A264 / Rusper Road Access

Client		 www.peterbrett.com  info@peterbrett.com 	
Liberty Property Trust			
Date of 1st Issue 22.05.2015	Designed DN Drawn NK		
As Scale 1:1000	Checked CC Approved -		
Drawing Number 25216/5506/100/002		Revision D	



 Glanville Survey > Plan > Engineer	
- Civil Engineering - Structural Engineering - Transport Planning	- Highways Engineering - Building Surveying - Geomatics
Heartfordshire Cheshire Cambridgeshire Bristol	
Client: Legal & General (Strategic Land North Horsham) Ltd	
Project: Mowbray (Land North of Horsham)	
Title: Moorehead Roundabout S278 / S38 Highway Works General Arrangement	
Engineer: G. Turner	Date: July 2025
Director: J. Birch	Scale: 1:250 @ A0
FOR APPROVAL	
Drawing No: MOW-GLA-MOOR-PH2-D-H-6300	Rev: A2

Hertfordshire

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Oxfordshire

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