

**EXTERNAL ALTERATIONS TO RETAIL UNIT TO FACILITATE
CONVERSION INTO THREE UNITS**

**UNIT 2 THE PEEL CENTRE
HARBOROUGH HILL ROAD
BARNSELY**

SERVICE TRAFFIC AND SERVICING ARRANGEMENTS NOTE

ADDITIONAL INFORMATION PROVIDED BY EMAIL FROM TTHC TO BARNSELY MBC HIGHWAYS

In October 2007, TTHC commissioned an Automatic Traffic Count (ATC) of all service yard activity relating to the retail park which collected classified vehicle data for a whole week, 24 hours per day. Over the course of the week, a total of 259 vehicles entered the service yard.

Of these vehicles only 18 were large HGVs (ie only 3 per day) and 106 were medium sized goods vehicles/smaller HGVs (ie 15 per day). The service activity is therefore both fairly limited and primarily the overwhelming majority is undertaken by medium and smaller goods vehicles.

A copy of the classified Automatic Traffic Count is attached for information.

Also attached are a set of plans which show how both the service yard operates and how the Focus unit is intended to be split. It will be seen from these that vehicles have a turning circle at the end of the service area which enables all vehicles to enter and leave in a forward gear. It will also be noted that the proposals include an external service corridor to the rear of the Focus unit to enable all three units to be accessed.

As already noted, existing activity is limited and only a small proportion of existing service traffic is via articulated HGVs. The proposals are not expected to result in any significant increase in overall vehicle numbers, although the size of the majority of vehicles serving the resulting units would be expected to be smaller.

In any event, Autotrack swept paths are attached which show that the proposed split of the Focus unit would still be capable of being serviced by the largest HGVs.

Nothing relating to the proposals is expected to result in any harm in respect of the public highway. Servicing of the units, as with the rest of the retail park, is a management matter for which Peel are responsible.

Barnsley ATC, Service Yard

Produced by The Paul Castle Consultancy

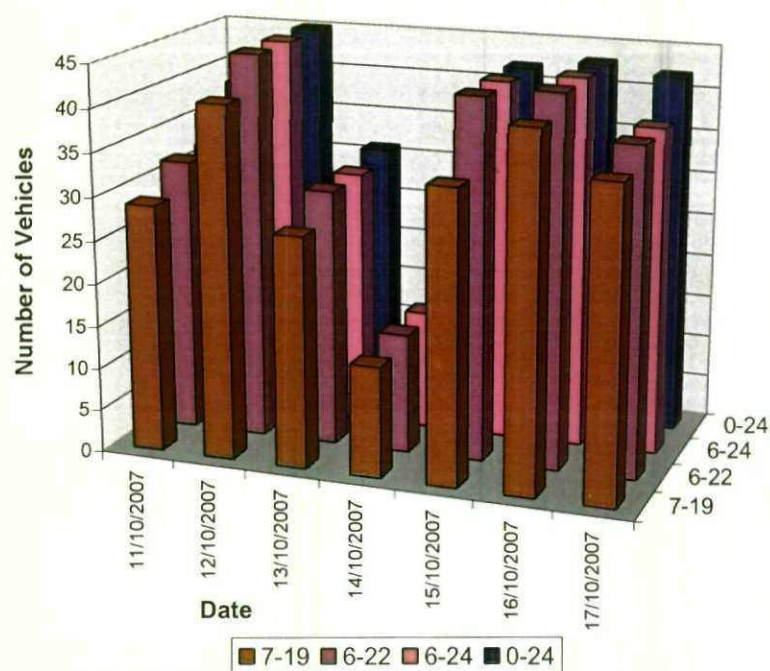
Channel 1 - Inbound

Vehicle Flow

Week 1

Hr Ending	11/10/2007 Thursday	12/10/2007 Friday	13/10/2007 Saturday	14/10/2007 Sunday	15/10/2007 Monday	16/10/2007 Tuesday	17/10/2007 Wednesday	5 Day Ave	7 Day Ave
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	6	0	1	3	0	0	4	2	2
7	0	0	1	0	1	1	0	0	0
8	0	2	0	0	1	1	0	1	1
9	0	1	1	0	3	0	2	1	1
10	0	3	7	0	3	7	6	4	4
11	8	9	2	0	8	8	9	8	6
12	3	8	2	2	3	2	3	4	3
13	5	5	2	0	2	1	5	4	3
14	3	2	1	1	5	8	4	4	3
15	5	1	2	3	4	5	2	3	3
16	4	2	6	0	1	1	2	2	2
17	1	5	3	3	2	2	2	2	3
18	0	1	0	1	1	5	1	2	1
19	0	2	1	3	1	1	0	1	1
20	3	4	2	0	3	1	2	3	2
21	0	0	0	0	0	0	0	0	0
22	0	0	0	1	4	0	0	1	1
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
7-19	29	41	27	13	34	41	36	36	32
6-22	32	45	30	14	42	43	38	40	35
6-24	32	45	30	14	42	43	38	40	35
0-24	38	45	31	17	42	43	42	42	37

Vehicle Flow (Channel 1)



Barnsley ATC, Service Yard

Produced by The Paul Castle Consultancy

Channel 1 - Inbound

Average Speed

Week 1

Hr Ending	11/10/2007 Thursday	12/10/2007 Friday	13/10/2007 Saturday	14/10/2007 Sunday	15/10/2007 Monday	16/10/2007 Tuesday	17/10/2007 Wednesday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	15.5	-	15.5	8.5	-	-	15.5
7	-	-	15.5	-	15.5	15.5	-
8	-	15.5	-	-	15.5	15.5	-
9	-	15.5	5.0	-	15.5	-	5.0
10	-	15.5	18.4	-	8.5	15.5	15.4
11	15.4	16.6	20.5	-	16.8	14.2	15.5
12	18.8	16.7	20.5	15.5	15.5	20.5	12.0
13	15.5	19.5	20.5	-	20.5	15.5	19.4
14	15.5	20.5	25.5	15.5	13.4	20.5	12.9
15	17.5	15.5	20.5	18.8	18.0	15.5	20.5
16	18.0	20.5	22.2	-	25.5	15.5	15.5
17	25.5	19.5	22.2	12.0	15.5	25.5	20.5
18	-	15.5	-	15.5	25.5	19.5	5.0
19	-	25.5	15.5	22.2	25.5	15.5	-
20	15.5	15.5	10.2	-	8.5	15.5	20.5
21	-	-	-	-	-	-	-
22	-	-	-	15.5	18.0	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	16.4	16.6	20.5	15.5	16.4	15.4	14.6
14-16	17.7	18.8	21.8	18.8	19.5	15.5	18.0
0-24	16.5	17.7	19.0	15.4	15.9	17.3	15.4

7 Day Ave 16.7

85th Percentile

Hr Ending	11/10/2007 Thursday	12/10/2007 Friday	13/10/2007 Saturday	14/10/2007 Sunday	15/10/2007 Monday	16/10/2007 Tuesday	17/10/2007 Wednesday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	16.2	-	15.8	16.1	-	-	16.0
7	-	-	15.8	-	15.9	15.9	-
8	-	16.4	-	-	15.8	15.8	-
9	-	16.3	5.8	-	15.7	-	5.5
10	-	15.9	26.3	-	15.7	16.4	26.0
11	16.0	16.7	26.1	-	16.9	16.1	15.9
12	26.1	26.4	26.5	15.6	15.9	26.1	15.9
13	15.8	25.6	26.4	-	25.9	15.9	25.8
14	15.8	26.4	25.7	15.6	16.2	25.6	15.6
15	26.3	15.9	26.2	26.3	25.8	16.1	25.7
16	25.5	26.0	26.5	-	26.1	16.2	16.5
17	26.3	26.3	25.7	15.8	15.7	26.4	25.6
18	-	15.6	-	15.5	25.7	26.3	5.4
19	-	26.1	16.0	25.8	26.1	15.5	-
20	16.3	16.0	15.6	-	15.6	16.0	25.9
21	-	-	-	-	-	-	-
22	-	-	-	15.9	26.0	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	26.2	25.8	26.5	15.8	16.4	16.4	16.0
14-16	25.5	26.1	26.2	26.4	25.8	15.9	25.7
0-24	25.9	26.1	25.5	26.5	26.3	26.2	26.0

7 Day Ave 26.1

Barnsley ATC, Service Yard

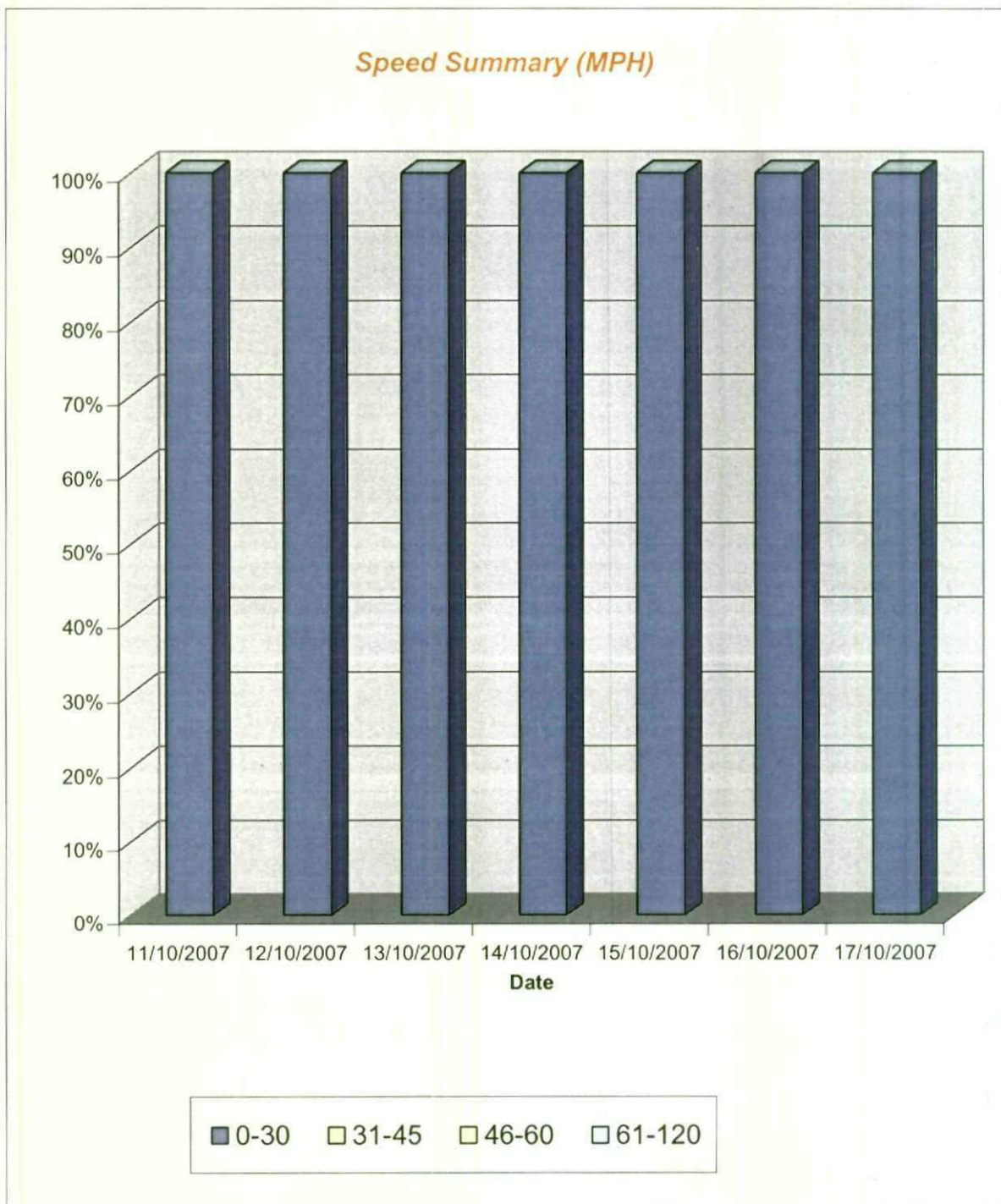
Produced by The Paul Castle Consultancy

Channel 1 - Inbound

Speed Summary

Week 1

Speed (MPH)	11/10/2007 Thursday	12/10/2007 Friday	13/10/2007 Saturday	14/10/2007 Sunday	15/10/2007 Monday	16/10/2007 Tuesday	17/10/2007 Wednesday
0-30	38	45	31	17	42	43	42
31-45	0	0	0	0	0	0	0
46-60	0	0	0	0	0	0	0
61-120	0	0	0	0	0	0	0
TOTAL	38	45	31	17	42	43	42



Barnsley ATC, Service Yard

Produced by The Paul Castle Consultancy

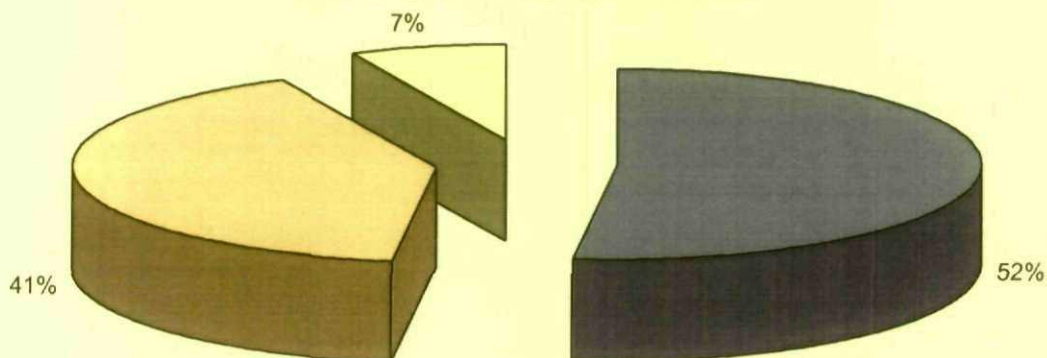
Channel 1 - Inbound

Vehicle Class

Week 1

Classes	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
Day / Time				
11/10/2007				
7-19	9	17	3	29
6-22	11	18	3	32
6-24	11	18	3	32
0-24	17	18	3	38
12/10/2007				
7-19	16	22	3	41
6-22	19	23	3	45
6-24	19	23	3	45
0-24	19	23	3	45
13/10/2007				
7-19	15	12	0	27
6-22	18	12	0	30
6-24	18	12	0	30
0-24	19	12	0	31
14/10/2007				
7-19	12	0	1	13
6-22	13	0	1	14
6-24	13	0	1	14
0-24	16	0	1	17
15/10/2007				
7-19	17	13	4	34
6-22	24	14	4	42
6-24	24	14	4	42
0-24	24	14	4	42
16/10/2007				
7-19	17	20	4	41
6-22	18	21	4	43
6-24	18	21	4	43
0-24	18	21	4	43
17/10/2007				
7-19	15	18	3	36
6-22	17	18	3	38
6-24	17	18	3	38
0-24	21	18	3	42
Average				
7-19	14	15	3	32
6-22	17	15	3	35
6-24	17	15	3	35
0-24	19	15	3	37

Total Vehicle Class Distribution



Barnsley ATC, Service Yard

Produced by The Paul Castle Consultancy

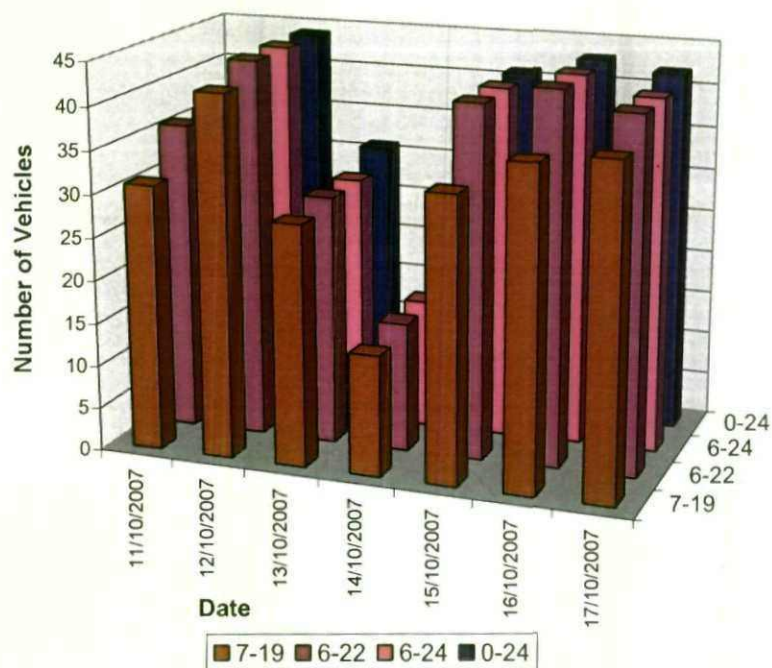
Channel 2 - Outbound

Vehicle Flow

Week 1

Hr Ending	11/10/2007 Thursday	12/10/2007 Friday	13/10/2007 Saturday	14/10/2007 Sunday	15/10/2007 Monday	16/10/2007 Tuesday	17/10/2007 Wednesday	5 Day Ave	7 Day Ave
1	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0
6	0	0	2	2	0	0	1	0	1
7	2	0	0	0	1	5	0	2	1
8	2	3	1	0	1	1	0	1	1
9	1	2	1	0	0	0	2	1	1
10	0	3	4	0	5	2	3	3	2
11	5	8	3	0	5	4	9	6	5
12	4	11	4	2	6	3	2	5	5
13	6	4	2	0	4	1	6	4	3
14	2	2	1	1	3	6	6	4	3
15	7	1	2	3	3	10	2	5	4
16	3	1	2	1	1	2	5	2	2
17	1	5	8	3	2	2	2	2	3
18	0	2	0	1	2	5	1	2	2
19	0	0	0	3	1	1	0	0	1
20	3	2	1	0	3	1	3	2	2
21	0	0	0	0	0	0	0	0	0
22	0	0	0	1	4	0	0	1	1
23	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0
7-19	31	42	28	14	33	37	38	36	32
6-22	36	44	29	15	41	43	41	41	36
6-24	36	44	29	15	41	43	41	41	36
0-24	36	44	31	17	41	43	42	41	36

Vehicle Flow (Channel 2)



Barnsley ATC, Service Yard

Produced by The Paul Castle Consultancy

Channel 2 - Outbound

Average Speed

Week 1

Hr Ending	11/10/2007 Thursday	12/10/2007 Friday	13/10/2007 Saturday	14/10/2007 Sunday	15/10/2007 Monday	16/10/2007 Tuesday	17/10/2007 Wednesday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	15.5	10.2	-	-	15.5
7	15.5	-	-	-	15.5	13.4	-
8	15.5	15.5	15.5	-	15.5	25.5	-
9	15.5	15.5	5.0	-	-	-	15.5
10	-	18.8	15.5	-	15.4	20.5	15.5
11	13.4	15.5	18.8	-	15.5	15.5	13.2
12	12.9	16.4	18.0	5.0	15.5	12.0	15.5
13	12.0	15.4	15.5	-	18.0	15.5	15.4
14	10.2	15.5	15.5	15.5	18.8	18.8	13.8
15	16.9	25.5	15.5	15.5	15.5	14.4	15.5
16	22.2	25.5	15.5	15.5	25.5	20.5	15.5
17	15.5	17.5	18.0	8.5	15.2	20.5	20.5
18	-	10.2	-	15.5	20.5	19.4	5.0
19	-	-	-	18.8	15.5	15.5	-
20	12.0	10.2	15.5	-	15.5	5.0	15.5
21	-	-	-	-	-	-	-
22	-	-	-	5.0	25.5	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	13.2	16.0	18.4	5.0	15.5	14.0	13.6
14-16	18.5	25.5	15.5	15.5	18.0	15.4	15.5
0-24	14.6	16.1	16.5	12.4	17.4	16.4	14.7

7 Day Ave 15.4

85th Percentile

Hr Ending	11/10/2007 Thursday	12/10/2007 Friday	13/10/2007 Saturday	14/10/2007 Sunday	15/10/2007 Monday	16/10/2007 Tuesday	17/10/2007 Wednesday
1	-	-	-	-	-	-	-
2	-	-	-	-	-	-	-
3	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-
6	-	-	15.9	16.4	-	-	15.9
7	15.8	-	-	-	16.3	15.9	-
8	16.1	15.5	15.6	-	15.8	26.5	-
9	16.0	15.7	5.7	-	-	-	16.3
10	-	25.6	16.4	-	25.7	25.6	16.3
11	15.7	15.6	26.0	-	16.0	16.4	16.2
12	16.4	16.5	25.6	5.1	15.8	16.1	16.2
13	16.2	25.6	16.3	-	25.8	15.8	26.5
14	16.0	15.5	15.9	15.9	25.5	25.6	15.8
15	17.0	26.0	16.0	15.8	16.0	16.0	16.0
16	25.6	26.2	16.0	16.4	25.7	25.7	15.9
17	16.3	26.0	25.7	16.3	26.4	26.5	26.2
18	-	16.3	-	15.8	26.1	25.6	5.2
19	-	-	-	26.2	16.3	15.5	-
20	16.0	15.6	15.8	-	16.4	5.3	15.9
21	-	-	-	-	-	-	-
22	-	-	-	5.3	25.8	-	-
23	-	-	-	-	-	-	-
24	-	-	-	-	-	-	-
10-12	16.3	16.1	25.6	5.1	16.0	16.0	16.0
14-16	26.1	26.2	16.1	15.5	25.6	26.4	16.3
0-24	16.3	16.2	16.6	15.8	26.1	26.0	16.0

7 Day Ave 19.0

Barnsley ATC, Service Yard

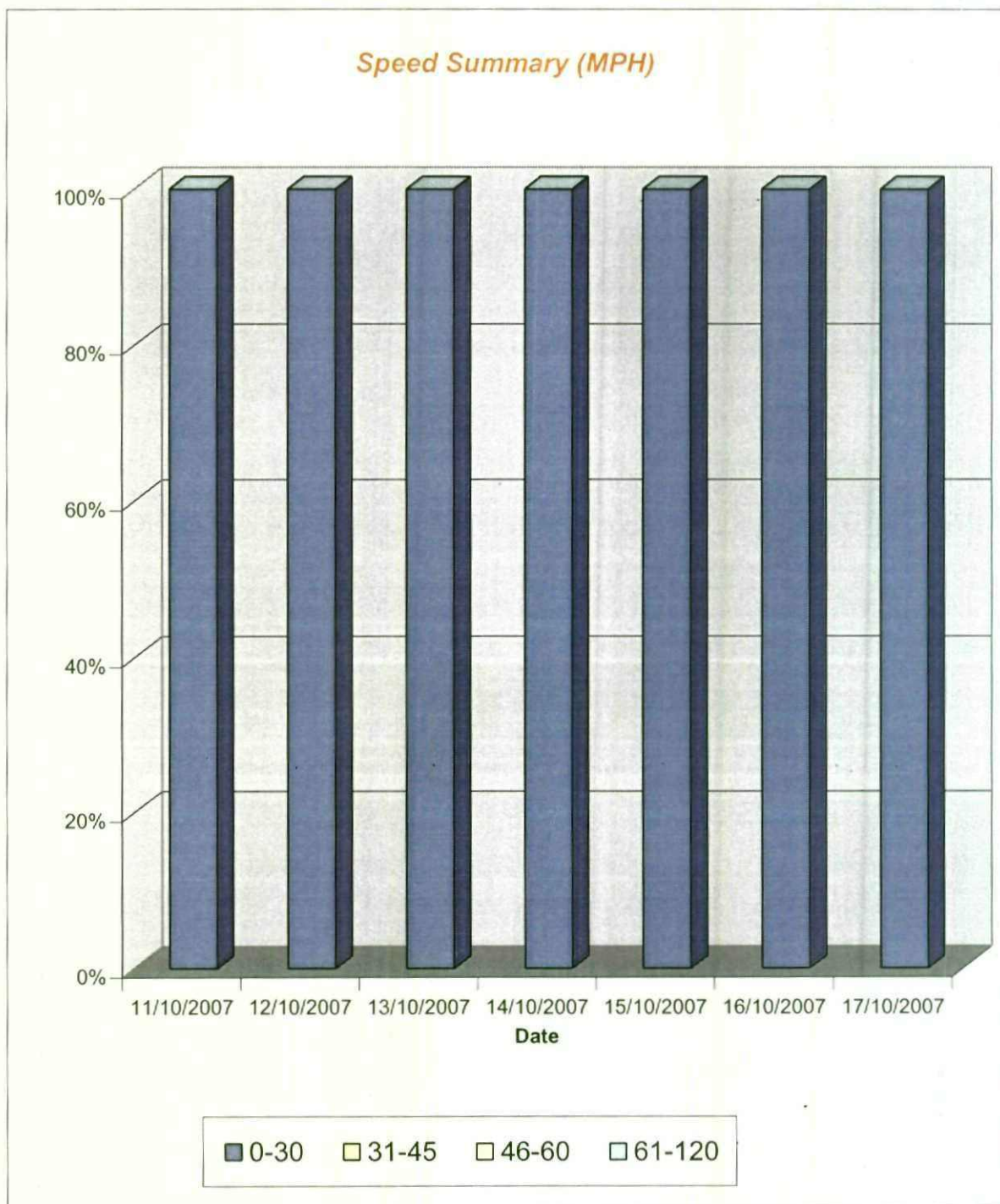
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Channel 2 - Outbound

Speed Summary

Week 1

Speed (MPH)	11/10/2007 Thursday	12/10/2007 Friday	13/10/2007 Saturday	14/10/2007 Sunday	15/10/2007 Monday	16/10/2007 Tuesday	17/10/2007 Wednesday
0-30	36	44	31	17	41	43	42
31-45	0	0	0	0	0	0	0
46-60	0	0	0	0	0	0	0
61-120	0	0	0	0	0	0	0
TOTAL	36	44	31	17	41	43	42



Barnsley ATC, Service Yard

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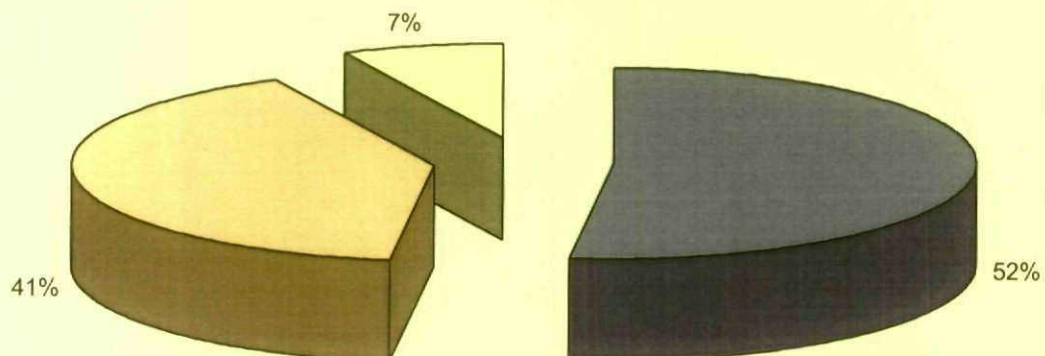
Channel 2 - Outbound

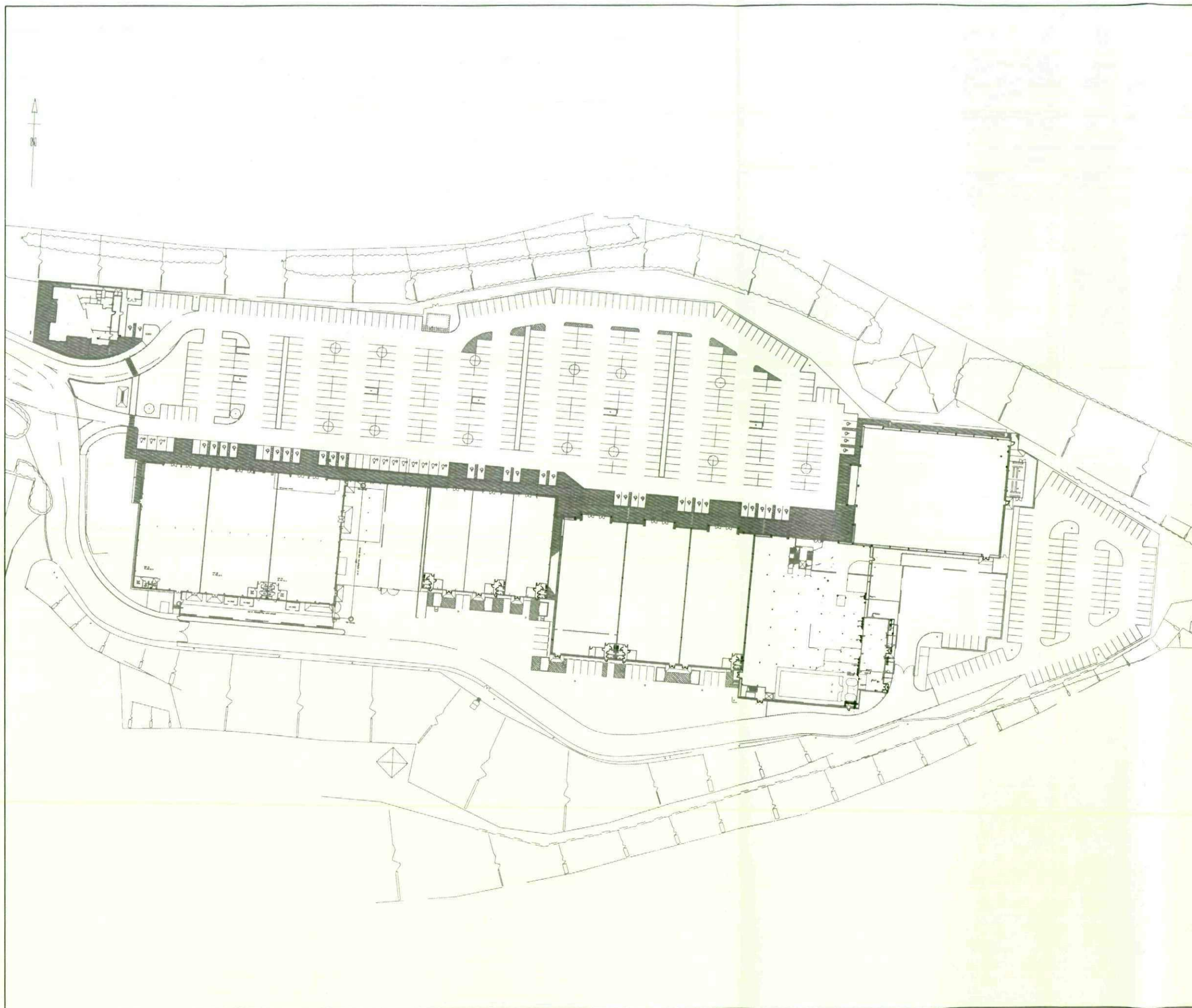
Vehicle Class

Week 1

Classes	Car / LGV / Caravan - 1	OGV1 / Bus - 2,3,5,6,7,12	OGV2 - 4,8,9,10,11,13	TOTAL - 1-13
Day / Time				
11/10/2007				
7-19	11	16	4	31
6-22	15	17	4	36
6-24	15	17	4	36
0-24	15	17	4	36
12/10/2007				
7-19	19	21	2	42
6-22	20	22	2	44
6-24	20	22	2	44
0-24	20	22	2	44
13/10/2007				
7-19	16	12	0	28
6-22	17	12	0	29
6-24	17	12	0	29
0-24	19	12	0	31
14/10/2007				
7-19	13	0	1	14
6-22	14	0	1	15
6-24	14	0	1	15
0-24	16	0	1	17
15/10/2007				
7-19	16	13	4	33
6-22	23	14	4	41
6-24	23	14	4	41
0-24	23	14	4	41
16/10/2007				
7-19	13	22	2	37
6-22	18	22	3	43
6-24	18	22	3	43
0-24	18	22	3	43
17/10/2007				
7-19	17	17	4	38
6-22	20	17	4	41
6-24	20	17	4	41
0-24	21	17	4	42
Average				
7-19	15	14	2	32
6-22	18	15	3	36
6-24	18	15	3	36
0-24	19	15	3	36

Total Vehicle Class Distribution





REV A	DESCRIPTION Layout updated	DRAWN PG
DATE 05.05.10		AUTHORISED

AMENDMENTS

ISSUE PURPOSE

This drawing is issued solely for the purpose indicated by the original stamp in this box.
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tthc
the Traffic, Transport
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St James Building - Oxford Street
Manchester M1 6EJ
Tel. 0161 235 8600 Fax. 0161 235 8601 www.tthc.co.uk

PROJECT
PEEL CENTRE, BARNSELY

DRAWING TITLE
UNIT 2
ARCHITECHUAL LAYOUT

CLIENT
PEEL DEVELOPMENTS UK LTD

SCALE
1:1250

ORIGINAL PAPER SIZE
A3

DATE
FEB 2009

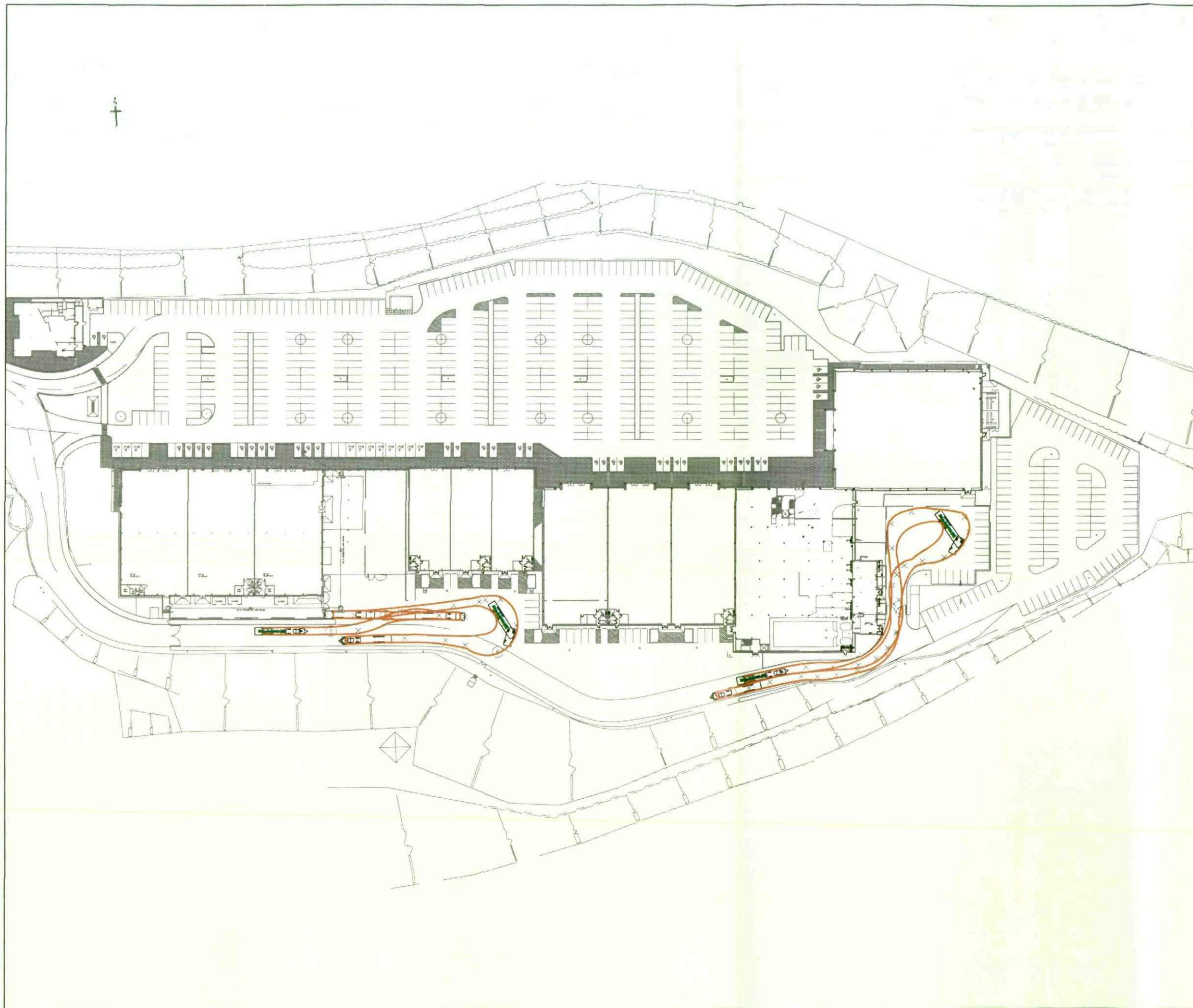
DRAWN BY
DJH

AUTHORISED BY
MH

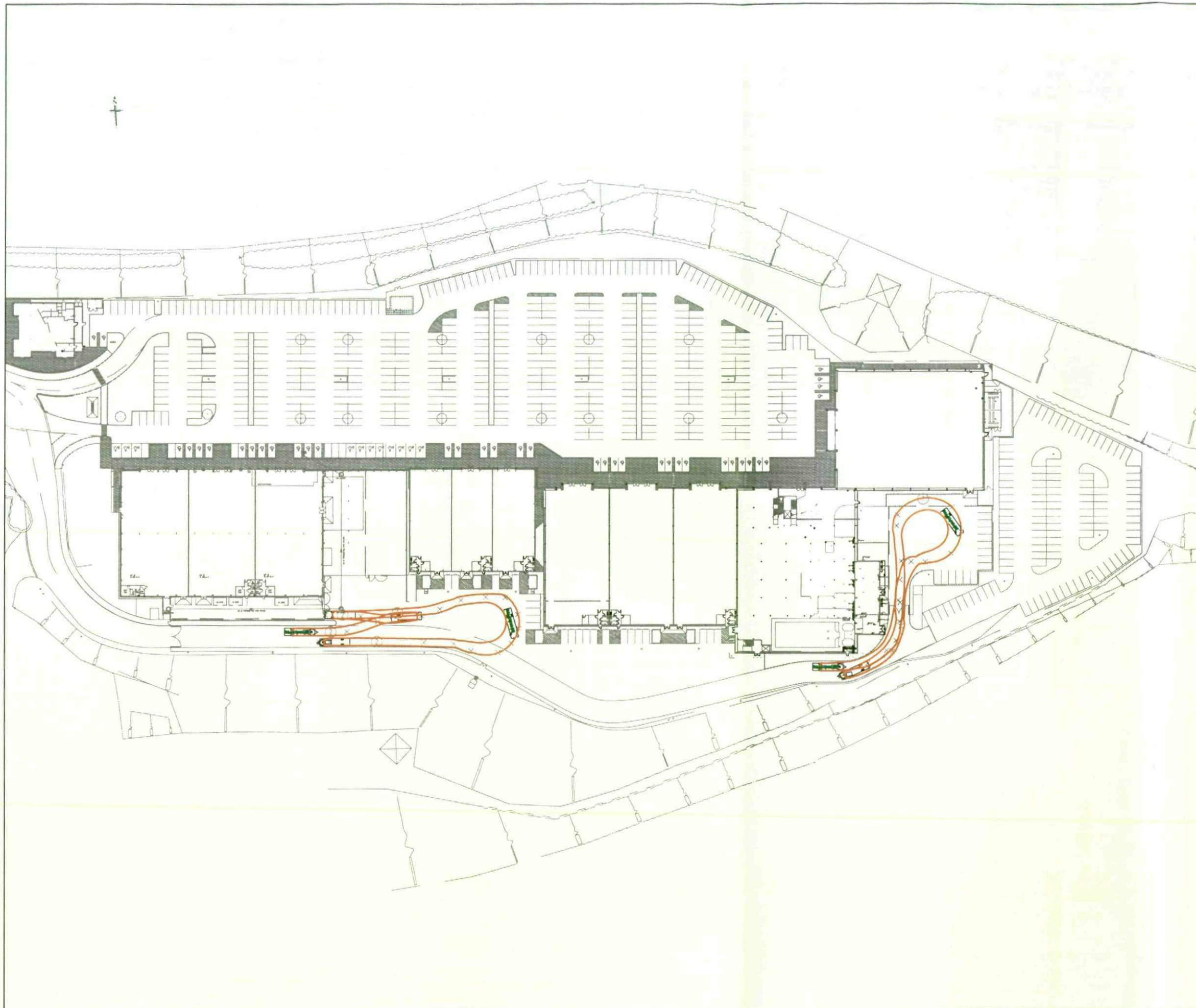
FILE REF
M06011

DRAWING NUMBER
M06011-A-022

REVISION
A



REV A	DESCRIPTION Layout Updated	DRAWN PG
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AMENDMENTS		
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PROJECT		
PEEL CENTRE, BARNSELEY		
DRAWING TITLE		
UNIT 2 TRACKING MANOEUVRES ARTICULATED HGV		
CLIENT		
PEEL DEVELOPMENTS UK LTD		
SCALE 1:1250	ORIGINAL PAPER SIZE A3	DATE FEB 2009
DRAWN BY DJH	AUTHORISED BY MH	FILE REF M06011-A-023
DRAWING NUMBER M06011-A-023		REVISION A



REV	DESCRIPTION	DRAWN
A	Layout Updated	PC
DATE		AUTHORISED
05.05.10		

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PROJECT

PEEL CENTRE, BARNSELEY

DRAWING TITLE

UNIT 2
TRACKING MANOEUVRES
RIGID HGV

CLIENT

PEEL DEVELOPMENTS UK LTD

SCALE	ORIGINAL PAPER SIZE	DATE
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DRAWING NUMBER	REVISION
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