

# APPENDIX A

## INTANAL ASSESSMENT

---



	Intersection of Hume Highway, Todman Avenue and Governor Macquarie Drive, Warwick Farm (Signal control) – 120s minimum 140s maximum cycle length	
	Existing	
	AM	PM
Level of Service	D	D
Degree of Saturation	0.96	0.91
Average delay per movement (sec/veh)		
Hume Highway east		
L	27.5	13.5
T	27.8	11.5
R	102.5	117.3
Governor Macquarie Drive south		
L	25.5	43.6
T	74.2	0
R	106.5	128.6
Hume Highway west		
L	33.0	25.2
T	77.6	60.8
R	74.0	73.6
Todman Avenue north		
L	52.4	68.0
T	56.4	91.2
R	74.1	75.1
Total Average Delay (sec/veh)	56.7	53.7



## **APPENDIX B**

### **VEHICLE SPEED AND CLASSIFICATION COUNTS**

---



Count Number 3190

Ref : TTP

Directory Ref : UBD 249 J-15

WARWICK STREET, WARWICK FARM : Between HUME HIGHWAY &amp; DRUMMOND STREET (bidirectional) :

Between Liverpool Road and Nanning Street, House No. 7 , ELP 253

Carriageway

## TOTAL COUNT MATRIX

Start Date  
18-JUN-08  
Start Time  
100  
Duration  
7 DAYS  
Interval  
1 HOUR

Weekly 50th Percentile Speed 40  
Weekly 85th Percentile Speed 49  
Five Day AADT 1620  
Seven Day AADT 1286

	MON 23RD	TUE 24TH	WED 18TH	THU 19TH	FRI 20TH	SAT 21ST	SUN 22ND	5 Day		7 Day	
								Total	Average	Total	Average
Midnight - 1am	1	9	7	11	17	13	1	45	9	59	8
1am - 2am	1	18	20	20	23	3	4	82	16	89	13
2am - 3am	2	10	6	6	3	2	1	27	5	30	4
3am - 4am	5	12	6	11	12	9	3	46	9	58	8
4am - 5am	15	15	20	17	17	9	0	84	17	93	13
5am - 6am	39	37	45	40	37	16	2	198	40	216	31
6am - 7am	77	84	78	77	72	20	7	388	78	415	59
7am - 8am	91	105	85	91	100	23	13	472	94	508	73
8am - 9am	101	119	112	138	111	36	15	581	116	632	90
9am - 10am	100	91	105	89	76	60	23	461	92	544	78
10am - 11am	77	75	70	83	108	51	32	413	83	496	71
11am - Midday	73	72	61	69	67	36	20	342	68	398	57
Midday - 1pm	62	64	73	69	89	27	28	357	71	412	59
1pm - 2pm	97	76	87	94	112	26	30	466	93	522	75
2pm - 3pm	83	116	110	99	111	51	32	519	104	602	86
3pm - 4pm	188	166	160	157	131	41	27	802	160	870	124
4pm - 5pm	140	165	160	182	148	37	26	795	159	858	123
5pm - 6pm	138	138	136	149	121	34	23	682	136	739	106
6pm - 7pm	105	113	104	113	111	12	19	546	109	577	82
7pm - 8pm	61	53	36	47	45	17	8	242	48	267	38
8pm - 9pm	37	32	30	37	25	9	9	161	32	179	26
9pm - 10pm	17	27	22	25	25	12	13	116	23	141	20
10pm - 11pm	21	19	21	19	14	5	9	94	19	108	15
11pm - Midnight	32	42	37	36	32	1	7	179	36	187	27
Total	1563	1658	1591	1679	1607	550	352	8098	1619	9000	1285

Count Number 3190 Ref : TTP

Street WARWICK STREET, WARWICK FARM : From DRUMMOND STREET to HUME HIGHWAY : NORTH EAST

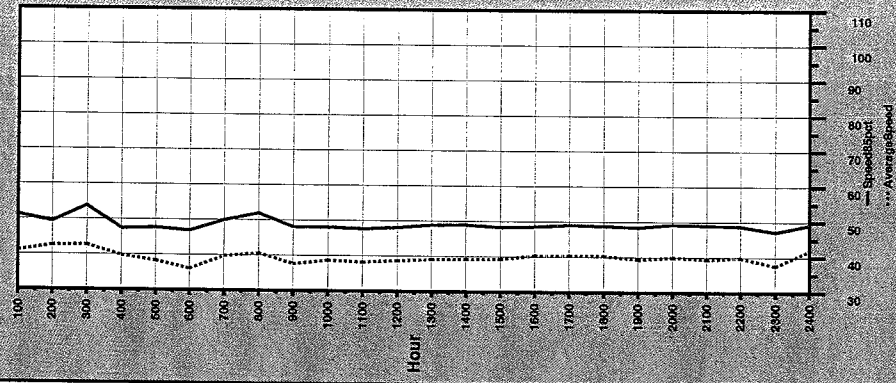
Location Between Liverpool Road and Nanning Street, House No. 7 , ELP 253

Carriageway

Start Date 18-JUN-08  
Start Time 100  
Duration 7 DAYS  
Interval 1 HOUR

Weekly Mean Speed 39  
Weekly 85th Percentile Speed 49  
Five Day AADT 1040  
Seven Day AADT 830

Time	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	Total	Mean	85pct
Midnight - 1am	1	1	5	10	22	8	0	0	0	0	0	0	47	41.0	51.2
1am - 2am	0	0	2	26	45	9	0	0	0	0	0	0	82	42.4	49.3
2am - 3am	0	0	2	8	9	6	0	0	0	0	0	0	25	42.6	53.8
3am - 4am	0	0	3	11	18	0	0	0	0	0	0	0	32	39.7	47.3
4am - 5am	0	0	8	19	17	3	0	0	0	0	0	0	47	38.2	47.6
5am - 6am	0	1	27	43	23	8	0	0	0	0	0	0	102	36.0	46.8
6am - 7am	0	3	19	48	48	19	1	0	0	0	0	0	138	39.6	49.9
7am - 8am	0	1	30	60	63	31	2	1	0	0	0	0	188	40.5	51.9
8am - 9am	0	13	68	132	123	29	1	1	0	0	0	0	367	37.6	48.0
9am - 10am	0	6	46	127	125	22	2	0	0	0	0	0	328	38.6	48.0
10am - 11am	0	3	46	152	108	24	0	0	0	0	0	0	333	38.1	47.6
11am - Midday	0	4	32	115	90	21	1	0	0	0	0	0	263	38.6	48.1
Midday - 1pm	0	5	36	96	88	23	4	0	0	0	0	0	252	39.0	48.8
1pm - 2pm	0	7	44	130	125	38	0	0	0	0	0	0	344	39.2	48.9
2pm - 3pm	1	3	48	165	157	32	1	1	0	0	0	0	408	39.2	48.3
3pm - 4pm	0	3	46	247	263	48	4	0	0	0	0	0	611	40.2	48.5
4pm - 5pm	0	3	70	217	270	64	3	0	0	0	0	0	627	40.3	49.0
5pm - 6pm	0	4	40	184	207	45	1	0	0	0	0	0	481	40.2	48.7
6pm - 7pm	0	6	50	171	168	34	3	0	0	0	0	0	432	39.2	48.3
7pm - 8pm	1	1	27	79	81	24	1	1	0	0	0	0	215	39.8	49.2
8pm - 9pm	0	1	18	57	47	15	1	0	0	0	0	0	139	39.3	49.0
9pm - 10pm	0	0	17	33	43	7	3	0	0	0	0	0	103	39.8	48.7
10pm - 11pm	0	1	10	40	19	6	0	0	0	0	0	0	76	37.5	47.2
11pm - Midnight	0	0	9	56	87	16	2	0	0	0	0	0	170	41.8	49.1
Total	3	66	703	2226	2246	532	30	4	0	0	0	0	5810		
% of Total		1	12	38	39	9	1								





Count Number 3190

Ref : TTP

Street WARWICK STREET, WARWICK FARM : From DRUMMOND STREET to HUME HIGHWAY : NORTH EAST

Location Between Liverpool Road and Nanning Street, House No. 7 , ELP 253 Carriageway

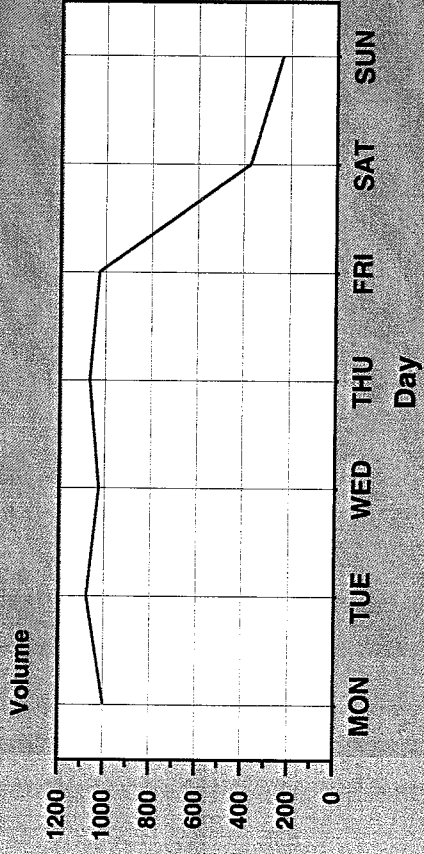
Start Date 18-JUN-08  
Start Time 100  
Duration 7 DAYS  
Interval 1 HOUR

Weekly Mean Speed 40  
Weekly 85th Percentile Speed 49  
Five Day AADT 1040  
Seven Day AADT 830

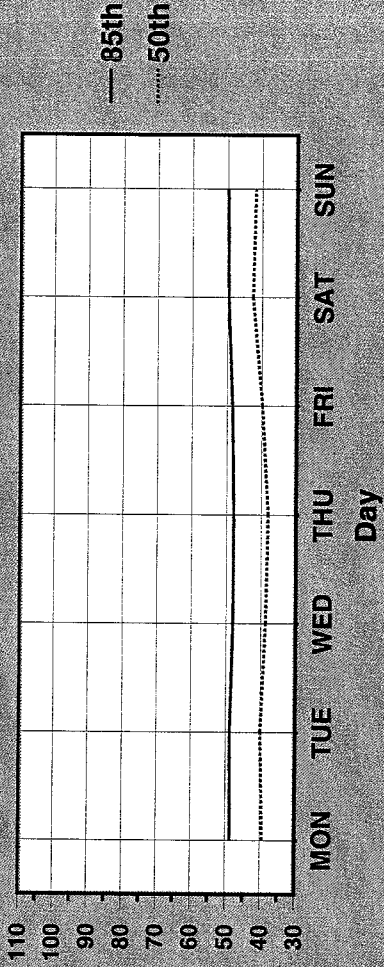
Day	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	Total	Mean	85pct
MONDAY	1	12	109	404	373	95	6	0	0	0	0	0	1000	39.5	48.7
TUESDAY	0	11	128	397	426	108	6	1	0	0	0	0	1077	39.8	48.9
WEDNESDAY	0	15	138	414	376	81	2	0	0	0	0	0	1026	38.7	48.1
THURSDAY	1	16	178	420	366	85	2	0	0	0	0	0	1068	38.1	48.0
FRIDAY	1	9	116	394	415	84	8	2	0	0	0	0	1029	39.6	48.5
SATURDAY	0	1	20	115	186	47	3	1	0	0	0	0	373	42.3	49.7
SUNDAY	0	2	14	82	104	32	3	0	0	0	0	0	237	41.7	49.9

5 Day Total	3	63	669	2029	1956	453	24	3	0	0	0	0	5200		
5 Day Percentage	1	13	13	39	38	9									

7 Day Total	3	66	703	2226	2246	532	30	4	0	0	0	0	5810		
7 Day Percentage	1	12	12	38	39	9	1								



Eighty Fifth & Fiftyth Percentile Speed



Count Number 3190

Ref : TTP

Directory Ref : UBD 249 J-15

WARWICK STREET, WARWICK FARM : From DRUMMOND STREET to HUME HIGHWAY : NORTH EAST

Location Between Liverpool Road and Nanning Street, House No. 7 , ELP 253

Carriageway

## TOTAL COUNT MATRIX

Start Date  
Start Time  
Duration  
Interval

18-JUN-08  
100  
7 DAYS  
1 HOUR

Weekly 50th Percentile Speed  
Weekly 85th Percentile Speed  
Five Day AADT  
Seven Day AADT

40  
49  
1040  
830

	MON 23RD	TUE 24TH	WED 18TH	THU 19TH	FRI 20TH	SAT 21ST	SUN 22ND	5 Day		7 Day	
								Total	Average	Total	Average
Midnight - 1am	0	8	6	8	14	10	1	36	7	47	7
1am - 2am	1	17	18	19	22	1	4	77	15	82	12
2am - 3am	2	8	5	5	2	2	1	22	4	25	4
3am - 4am	2	8	3	7	5	5	2	25	5	32	5
4am - 5am	8	6	9	10	8	6	0	41	8	47	7
5am - 6am	15	19	24	19	17	7	1	94	19	102	15
6am - 7am	29	27	27	25	19	7	4	127	25	138	20
7am - 8am	33	42	32	27	38	10	6	172	34	188	27
8am - 9am	56	69	63	83	58	28	10	329	66	367	52
9am - 10am	62	60	56	51	35	46	18	264	53	328	47
10am - 11am	47	50	43	62	80	29	22	282	56	333	48
11am - Midday	47	47	44	43	48	23	11	229	46	263	38
Midday - 1pm	41	41	39	36	58	18	19	215	43	252	36
1pm - 2pm	67	56	62	51	70	18	20	306	61	344	49
2pm - 3pm	58	69	72	68	81	38	22	348	70	408	58
3pm - 4pm	124	110	117	110	102	28	20	563	113	611	87
4pm - 5pm	100	125	117	136	105	28	16	583	117	627	90
5pm - 6pm	95	93	83	95	68	27	20	434	87	481	69
6pm - 7pm	78	79	82	87	85	9	12	411	82	432	62
7pm - 8pm	47	46	32	34	37	14	5	196	39	215	31
8pm - 9pm	29	25	26	28	19	7	5	127	25	139	20
9pm - 10pm	13	18	17	18	20	8	9	86	17	103	15
10pm - 11pm	14	15	16	13	10	4	4	68	14	76	11
11pm - Midnight	32	39	33	33	28	0	5	165	33	170	24
Total	1000	1077	1026	1068	1029	373	237	5200	1040	5810	830

## Hourly Classification Summary

Count Number 3190

Ref : TTP

Street WARWICK STREET, WARWICK FARM : From DRUMMOND STREET to HUME HIGHWAY : NORTH EAST

Location Between Liverpool Road and Nanning Street, House No. 7 , ELP 253

Carriageway

Start Date 18-JUN-08

Start Time 100

Duration 7 DAYS

Interval 1 HOUR

Weekly 50th Percentile Speed 40

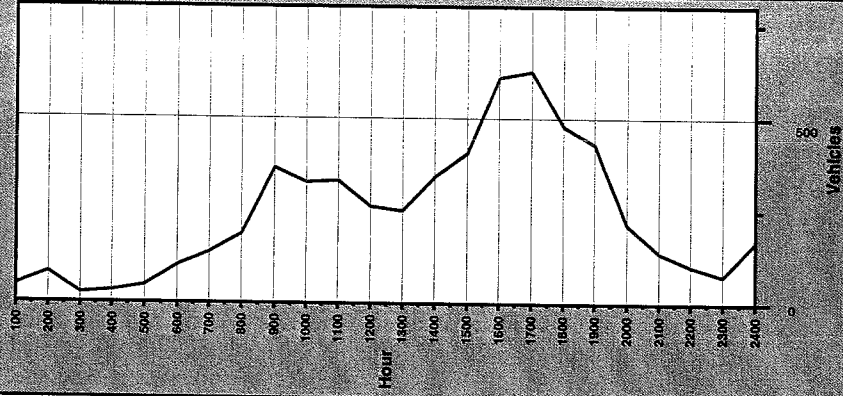
Weekly 85th Percentile Speed 49

Five Day AADT 1040

Seven Day AADT 830

THE BODY OF THIS REPORT  
SHOWS :  
TRAFFIC SEVENDAY

Time	00	01	02	03	04	05	06	07	08	09	10	11	12	13	Total	Avg
Midnight - 1am	1	42	0	3	0	0	0	0	0	1	0	0	0	0	47	7
1am - 2am	0	80	0	1	0	0	0	0	1	0	0	0	0	0	82	12
2am - 3am	0	22	0	1	0	0	0	0	1	1	0	0	0	0	25	4
3am - 4am	0	24	0	1	3	0	0	0	2	1	1	0	0	0	32	5
4am - 5am	1	26	0	6	9	0	0	1	3	1	0	0	0	0	47	7
5am - 6am	1	54	0	13	9	0	0	8	11	6	0	0	0	0	102	15
6am - 7am	0	83	0	30	1	0	0	3	4	17	0	0	0	0	138	20
7am - 8am	0	129	4	35	5	0	0	5	4	6	0	0	0	0	188	27
8am - 9am	1	264	3	78	3	0	0	8	2	8	0	0	0	0	367	52
9am - 10am	1	244	4	55	4	0	1	2	2	15	0	0	0	0	328	47
10am - 11am	0	266	3	32	10	0	0	1	8	12	1	0	0	0	333	48
11am - Midday	0	212	4	22	6	0	0	6	3	7	3	0	0	0	263	38
Midday - 1pm	0	201	1	23	3	1	0	6	6	11	0	0	0	0	252	36
1pm - 2pm	2	289	1	29	3	0	0	3	8	9	0	0	0	0	344	49
2pm - 3pm	1	355	3	30	5	0	0	6	0	5	3	0	0	0	408	58
3pm - 4pm	1	560	4	32	4	0	0	4	1	5	0	0	0	0	611	87
4pm - 5pm	0	569	3	36	3	0	0	2	2	9	3	0	0	0	627	90
5pm - 6pm	2	445	4	19	6	0	0	0	1	2	2	0	0	0	481	69
6pm - 7pm	0	409	0	15	0	0	3	2	1	2	0	0	0	0	432	62
7pm - 8pm	1	190	0	8	3	0	0	4	4	5	0	0	0	0	215	31
8pm - 9pm	4	115	0	2	1	0	0	6	3	8	0	0	0	0	139	20
9pm - 10pm	2	89	0	4	1	0	0	1	1	4	1	0	0	0	103	15
10pm - 11pm	1	70	0	0	0	0	0	3	0	2	0	0	0	0	76	11
11pm - Midnight	2	164	1	0	1	0	0	0	0	2	0	0	0	0	170	24
<b>Total</b>	21	4902	35	475	80	1	4	71	68	139	14	0	0	0	5810	830
% of Total		84	1	8	1			1	1	2						



Count Number 3190

Ref : TTP

Street

WARWICK STREET, WARWICK FARM : From DRUMMOND STREET to HUME HIGHWAY : NORTH EAST

Location

Between Liverpool Road and Nanning Street, House No. 7 , ELP 253

Carriageway

Start Date 18-JUN-08

Start Time 100

Duration 7 DAYS

Interval 1 HOUR

Weekly 50th Percentile Speed

40

Weekly 85th Percentile Speed

49

Five Day AADT

1040

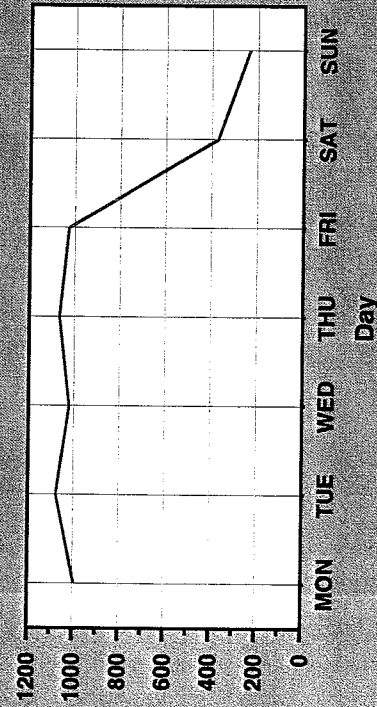
Seven Day AADT

830

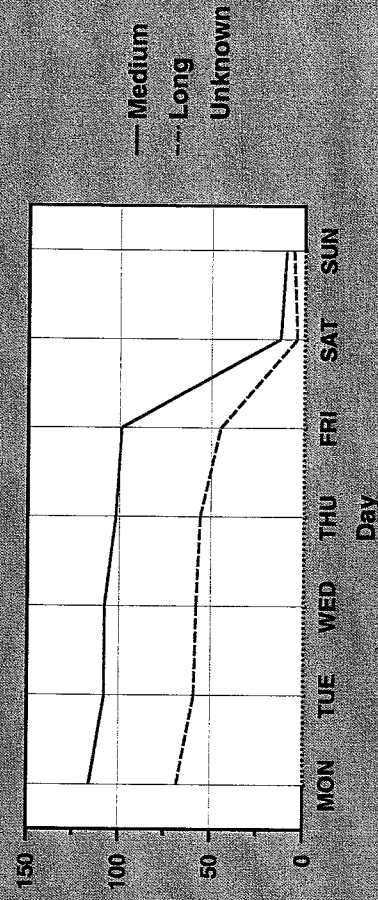
THE BODY OF THIS REPORT  
SHOWS :  
TRAFFIC  
SEVENDAY

Day	00	01	02	03	04	05	06	07	08	09	10	11	12	13	Total
MONDAY	6	806	4	102	13	1	2	13	16	35	2	0	0	0	1000
TUESDAY	2	899	9	96	12	0	1	14	18	21	5	0	0	0	1077
WEDNESDAY	6	849	5	93	15	0	1	16	10	29	2	0	0	0	1026
THURSDAY	3	905	2	85	17	0	0	11	11	32	2	0	0	0	1068
FRIDAY	3	872	10	81	18	0	0	10	10	22	3	0	0	0	1029
SATURDAY	0	351	5	13	0	0	0	2	2	0	0	0	0	0	373
SUNDAY	1	220	0	5	5	0	0	5	1	0	0	0	0	0	237
5 Day Total	20	4331	30	457	75	1	4	64	65	139	14	0	0	0	5200
5 Day Pct		83	1	9	1			1	1	3					
7 Day Total	21	4902	35	475	80	1	4	71	68	139	14	0	0	0	5810
7 Day Pct		84	1	8	1			1	1	2					

Volume



Class Volumes





Count Number 3190

Ref : TTP

Street WARWICK STREET, WARWICK FARM : From HUME HIGHWAY to DRUMMOND STREET : SOUTH WEST

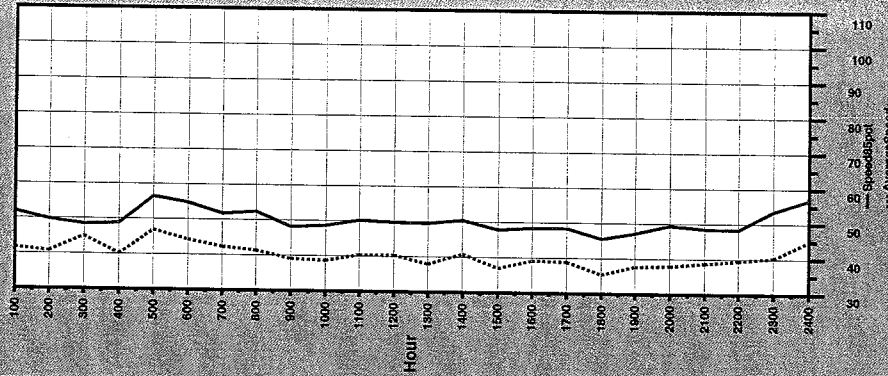
Location Between Liverpool Road and Nanning Street, House No. 7 , ELP 253

Carriageway

Start Date 18-JUN-08  
Start Time 100  
Duration 7 DAYS  
Interval 1 HOUR

Weekly Mean Speed  
Weekly 85th Percentile Speed 40  
Five Day AADT 49  
Seven Day AADT 580  
456

Time	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	Total	Mean	85pct
Midnight - 1am	0	0	1	5	4	1	1	0	0	0	0	0	12	41.7	52.0
1am - 2am	0	0	1	2	3	1	0	0	0	0	0	0	7	40.7	49.8
2am - 3am	0	0	0	0	5	0	0	0	0	0	0	0	5	45.0	48.5
3am - 4am	0	0	1	14	8	3	0	0	0	0	0	0	26	40.0	48.9
4am - 5am	0	0	1	9	16	20	0	0	0	0	0	0	46	47.0	56.6
5am - 6am	0	1	10	19	52	31	1	0	0	0	0	0	114	44.2	54.8
6am - 7am	0	0	18	93	116	47	3	0	0	0	0	0	277	42.3	51.8
7am - 8am	0	2	46	91	121	49	11	0	0	0	0	0	320	41.3	52.4
8am - 9am	0	7	29	102	106	19	1	1	0	0	0	0	265	39.1	48.2
9am - 10am	0	6	34	74	80	21	1	0	0	0	0	0	216	38.7	48.7
10am - 11am	0	1	21	58	58	24	0	1	0	0	0	0	163	40.3	50.2
11am - Midday	0	3	16	45	52	17	1	1	0	0	0	0	135	40.3	49.8
Midday - 1pm	1	7	35	46	49	17	4	1	0	0	0	0	160	37.9	49.6
1pm - 2pm	0	3	26	45	76	25	3	0	0	0	0	0	178	40.8	50.5
2pm - 3pm	0	12	38	61	68	14	1	0	0	0	0	0	194	36.9	47.9
3pm - 4pm	0	4	38	93	100	19	5	0	0	0	0	0	259	39.1	48.5
4pm - 5pm	0	4	32	94	78	19	3	1	0	0	0	0	231	38.9	48.5
5pm - 6pm	0	10	57	111	73	7	0	0	0	0	0	0	258	35.4	45.7
6pm - 7pm	0	4	18	70	43	8	2	0	0	0	0	0	145	37.7	47.3
7pm - 8pm	0	5	6	17	17	7	0	0	0	0	0	0	52	37.9	49.5
8pm - 9pm	0	2	4	16	14	3	1	0	0	0	0	0	40	38.8	48.6
9pm - 10pm	0	0	8	15	11	0	2	2	0	0	0	0	38	39.5	48.5
10pm - 11pm	0	0	6	11	8	6	1	0	0	0	0	0	32	40.3	53.7
11pm - Midnight	0	1	1	2	7	5	1	0	0	0	0	0	17	45.0	56.9
Total	1	72	447	1093	1165	363	42	7	0	0	0	0	3190		
% of Total		2	14	34	37	11	1								



Count Number 3190

Ref : TTP

Street WARWICK STREET, WARWICK FARM : From HUME HIGHWAY to DRUMMOND STREET : SOUTH WEST

Location Between Liverpool Road and Nanning Street, House No. 7 , ELP 253

Carriageway

Start Date 18-JUN-08

Start Time 100

Duration 7 DAYS

Interval 1 HOUR

Weekly Mean Speed

Weekly 85th Percentile Speed

Five Day AADT

Seven Day AADT

40

49

580

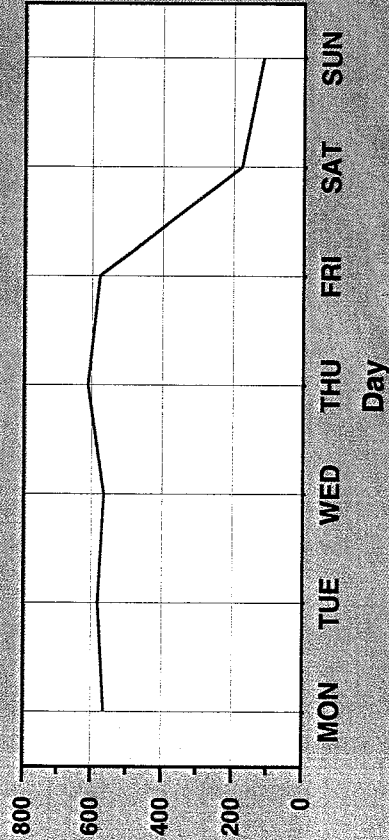
456

Day	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	Total	Mean	85pct
MONDAY	0	12	67	165	238	75	4	2	0	0	0	0	563	40.6	49.9
TUESDAY	0	12	71	213	226	51	8	0	0	0	0	0	581	39.4	48.8
WEDNESDAY	1	17	107	212	159	61	5	3	0	0	0	0	565	37.9	49.0
THURSDAY	0	21	98	217	201	65	9	0	0	0	0	0	611	38.6	49.1
FRIDAY	0	7	81	207	203	71	8	1	0	0	0	0	578	39.8	49.7
SATURDAY	0	2	14	48	81	25	6	1	0	0	0	0	177	42.6	52.2
SUNDAY	0	1	9	31	57	15	2	0	0	0	0	0	115	42.1	50.0

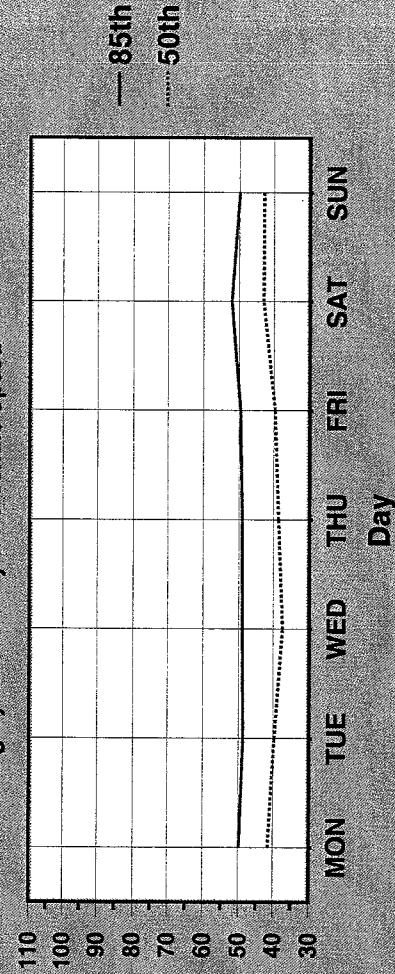
5 Day Total	1	69	424	1014	1027	323	34	6	0	0	0	0	2898
5 Day Percentage	2	15	35	35	35	11	1						

7 Day Total	1	72	447	1093	1165	363	42	7	0	0	0	0	3190
7 Day Percentage	2	14	34	37	37	11	1						

Volume



Eighty Fifth &amp; Fiftyth Percentile Speed



Count Number 3190

Ref : TTP

Directory Ref : UBD 249 J-15

WARWICK STREET, WARWICK FARM : From HUME HIGHWAY to DRUMMOND STREET : SOUTH WEST

Between Liverpool Road and Nanning Street, House No. 7 , ELP 253

Carriageway

## TOTAL COUNT MATRIX

Start Date  
Start Time  
Duration  
Interval

18-JUN-08  
100  
7 DAYS  
1 HOUR

Weekly 50th Percentile Speed  
Weekly 85th Percentile Speed  
Five Day AADT  
Seven Day AADT

40  
49  
580  
456

	MON 23RD	TUE 24TH	WED 18TH	THU 19TH	FRI 20TH	SAT 21ST	SUN 22ND	5 Day Total	5 Day Average	Total	7 Day Average
Midnight - 1am	1	1	1	3	3	3	0	9	2	12	2
1am - 2am	0	1	2	1	1	2	0	5	1	7	1
2am - 3am	0	2	1	1	1	0	0	5	1	5	1
3am - 4am	3	4	3	4	7	4	1	21	4	26	4
4am - 5am	7	9	11	7	9	3	0	43	9	46	7
5am - 6am	24	18	21	21	20	9	1	104	21	114	16
6am - 7am	48	57	51	52	53	13	3	261	52	277	40
7am - 8am	58	63	53	64	62	13	7	300	60	320	46
8am - 9am	45	50	49	55	53	8	5	252	50	265	38
9am - 10am	38	31	49	38	41	14	5	197	39	216	31
10am - 11am	30	25	27	21	28	22	10	131	26	163	23
11am - Midday	26	25	17	26	19	13	9	113	23	135	19
Midday - 1pm	21	23	34	33	31	9	9	142	28	160	23
1pm - 2pm	30	20	25	43	42	8	10	160	32	178	25
2pm - 3pm	25	47	38	31	30	13	10	171	34	194	28
3pm - 4pm	64	56	43	47	29	13	7	239	48	259	37
4pm - 5pm	40	40	43	46	43	9	10	212	42	231	33
5pm - 6pm	43	45	53	54	53	7	3	248	50	258	37
6pm - 7pm	27	34	22	26	26	3	7	135	27	145	21
7pm - 8pm	14	7	4	13	8	3	3	46	9	52	7
8pm - 9pm	8	7	4	9	6	2	4	34	7	40	6
9pm - 10pm	4	9	5	7	5	4	4	30	6	38	5
10pm - 11pm	7	4	5	6	4	1	5	26	5	32	5
11pm - Midnight	0	3	4	3	4	1	2	14	3	17	2
Total	563	581	565	611	578	177	115	2898	579	3190	455

## Hourly Classification Summary

Count Number 3190

Ref : TTP

Street WARWICK STREET, WARWICK FARM : From HUME HIGHWAY to DRUMMOND STREET : SOUTH WEST

Location Between Liverpool Road and Nanning Street, House No. 7 , ELP 253

Carriageway

Start Date 18-JUN-08

Start Time 100

Duration 7 DAYS

Interval 1 HOUR

Weekly 50th Percentile Speed

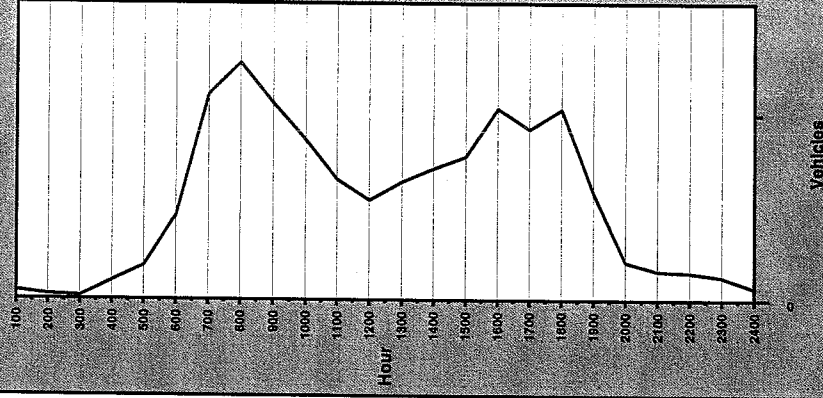
Weekly 85th Percentile Speed

Five Day AADT

Seven Day AADT

THE BODY OF THIS REPORT  
SHOWS:  
SEVENDAY  
TRAFFIC

Time	00	01	02	03	04	05	06	07	08	09	10	11	12	13	Total	Avg
Midnight - 1am	0	11	0	1	0	0	0	0	0	0	0	0	0	0	12	2
1am - 2am	0	7	0	0	0	0	0	0	0	0	0	0	0	0	7	1
2am - 3am	0	4	0	0	1	0	0	0	0	0	0	0	0	0	5	1
3am - 4am	0	23	0	0	3	0	0	0	0	0	0	0	0	0	26	4
4am - 5am	0	39	0	1	3	0	0	2	0	0	1	0	0	0	46	7
5am - 6am	1	105	0	3	1	0	0	2	1	0	1	0	0	0	114	16
6am - 7am	0	236	0	33	1	0	1	3	1	2	0	0	0	0	277	40
7am - 8am	0	271	1	29	4	0	0	7	7	1	0	0	0	0	320	46
8am - 9am	0	226	0	35	2	0	0	0	1	1	0	0	0	0	265	38
9am - 10am	1	172	0	30	4	0	0	3	5	1	0	0	0	0	216	31
10am - 11am	0	122	3	17	6	1	0	6	4	4	0	0	0	0	163	23
11am - Midday	0	101	1	19	4	0	0	1	6	3	0	0	0	0	135	19
Midday - 1pm	0	131	2	14	5	0	0	1	5	2	0	0	0	0	160	23
1pm - 2pm	0	143	2	21	5	0	0	4	2	1	0	0	0	0	178	25
2pm - 3pm	0	153	0	27	4	0	0	4	3	3	0	0	0	0	194	28
3pm - 4pm	0	223	6	19	2	0	0	2	3	4	0	0	0	0	259	37
4pm - 5pm	1	170	0	54	0	0	0	4	2	0	0	0	0	0	231	33
5pm - 6pm	0	117	0	123	5	0	0	6	4	3	0	0	0	0	258	37
6pm - 7pm	0	73	0	64	1	0	0	4	1	2	0	0	0	0	145	21
7pm - 8pm	0	38	1	5	0	0	0	1	6	0	1	0	0	0	52	7
8pm - 9pm	0	33	0	4	1	0	0	0	0	2	0	0	0	0	40	6
9pm - 10pm	0	35	0	1	0	0	0	1	0	1	0	0	0	0	38	5
10pm - 11pm	0	27	0	0	2	0	0	0	0	3	0	0	0	0	32	5
11pm - Midnight	0	17	0	0	0	0	0	0	0	0	0	0	0	0	17	2
<b>Total</b>	<b>3</b>	<b>2477</b>	<b>16</b>	<b>500</b>	<b>54</b>	<b>1</b>	<b>1</b>	<b>51</b>	<b>51</b>	<b>33</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3190</b>	<b>456</b>
% of Total		78	1	16	2			2	2	1						



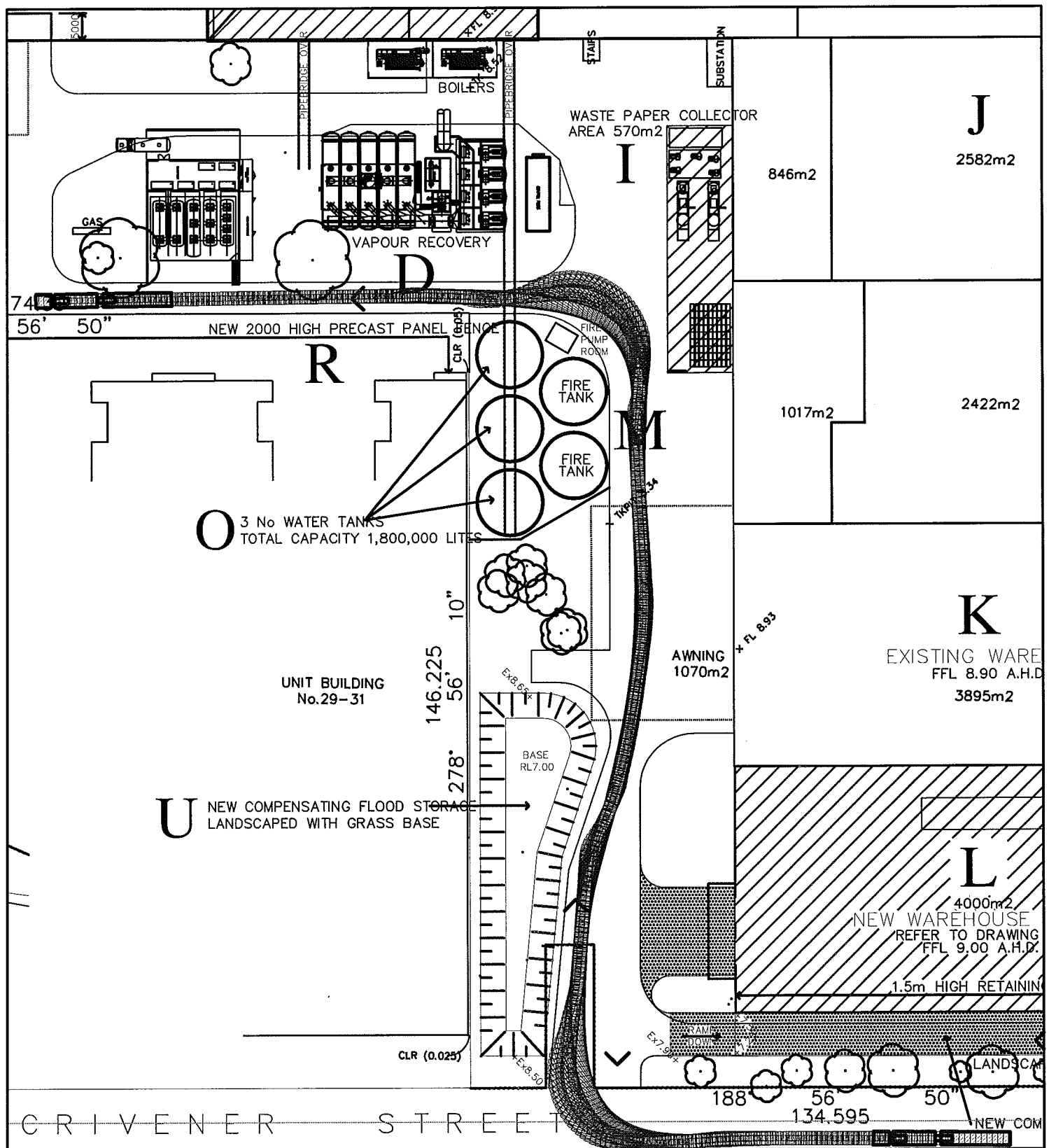


## **APPENDIX C**

### **SWEPT PATH ANALYSIS**

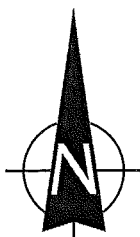
---





## LEGEND

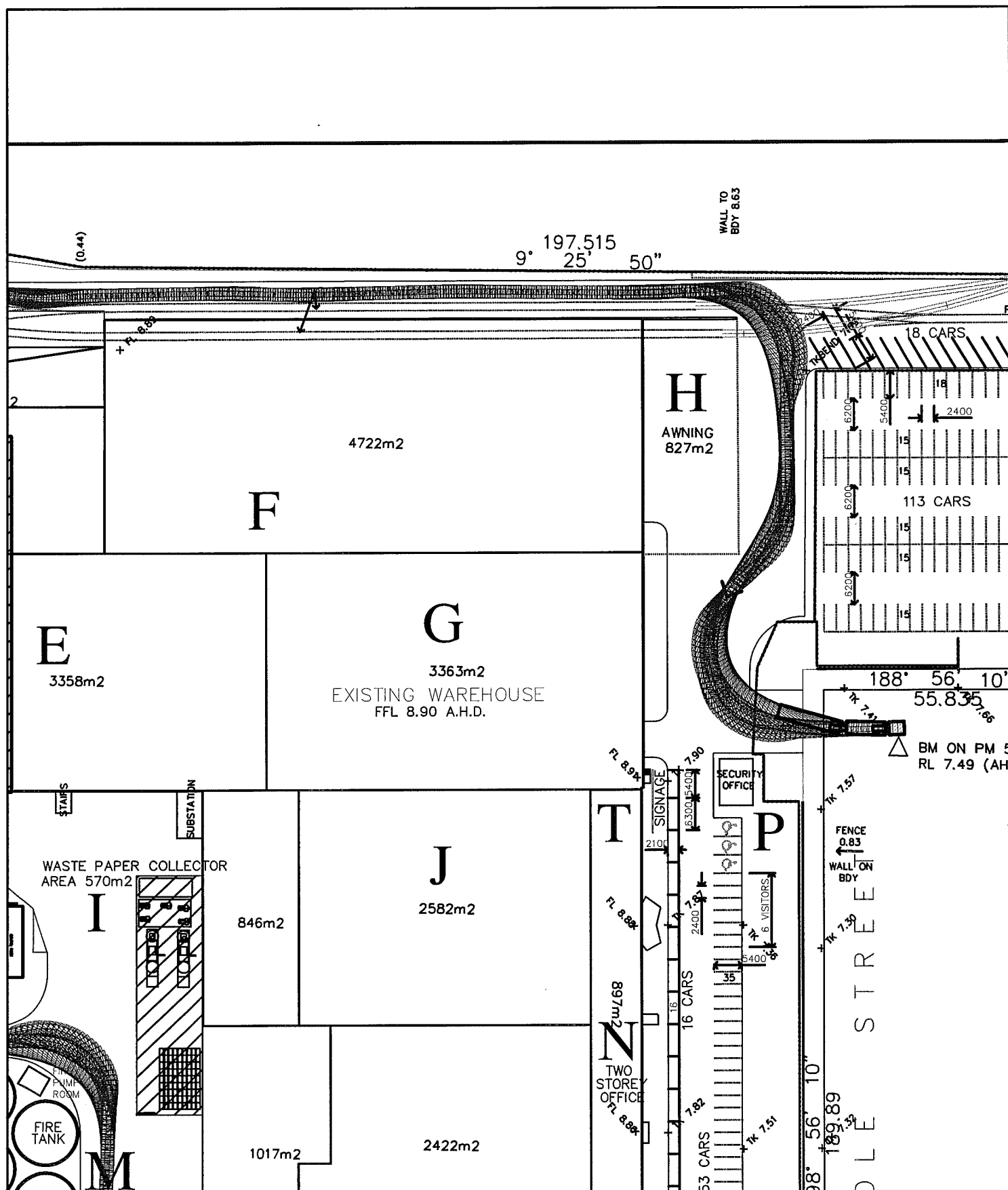
This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2000. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



**SWEPT PATH ANALYSIS  
OF A 25m ARTICULATED  
VEHICLE ACCESSING THE SITE**

**SP 1**

## SP 2



## LEGEND

This drawing has been prepared using vehicle modelling computer software AutoTrack V5.00a in conjunction with AutoCAD 2000. The vehicle used is based upon vehicle data provided by Austroads and incorporates a reasonable degree of tolerance. However, it is not possible to account for all vehicle types/characteristics and/or driver ability.



**SWEPT PATH ANALYSIS  
OF A 25m ARTICULATED  
VEHICLE ACCESSING THE SITE**

**SP 3**



