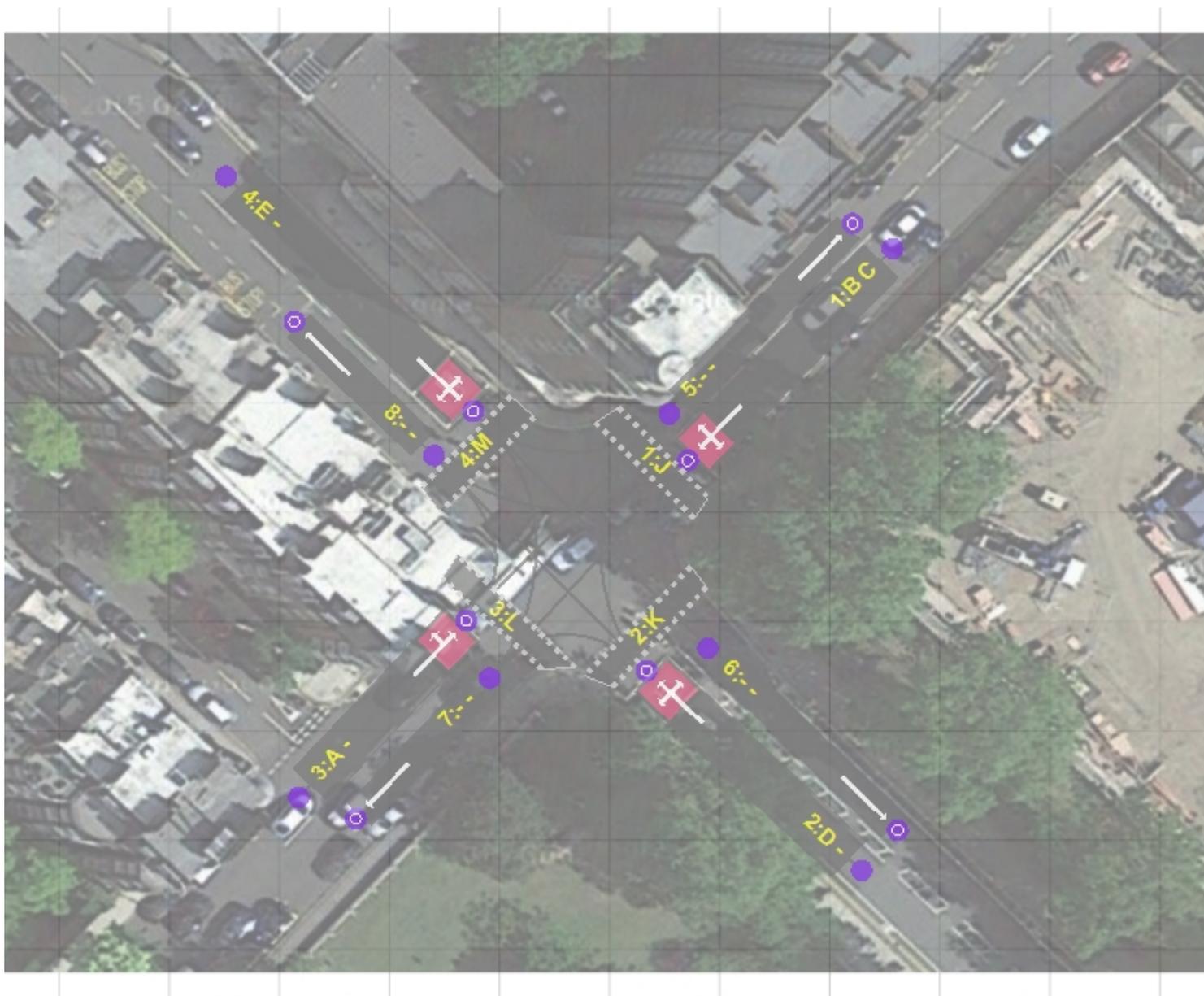


# quickGreen Report

**Project:** Chelsea Barracks Modelling  
Royal Hospital Rd/Chelsea  
**Title:** Barracks Rd/Pimlico  
Rd/Lower Sloane St

<b>Filename:</b>	2016.06.27_Proposed_IGs_with_Ped_Stage.qgn
<b>Location:</b>	51.489610, -0.155829
<b>Designer:</b>	CC
<b>Organisation:</b>	WYG
<b>Address:</b>	100 St John Street, London, EC1M 4EH

## Junction Geometry



## Notes

This model does not have notes

## Lane Details

Lane	Width (m)	Controlling Phase	Controlling Arrow Phase	Number of Turns	ASL Length (m)	Num Turning Movements
1	4.5	B	C	3	3.57	0 of 3
2	4.45	D		3	4.13	0 of 3
3	4.5	A		2	3.86	0 of 2
4	4.5	E		3	4.46	0 of 3

## Pedestrian Crossings

Crossing	Walk Distance (m)	Walk Time (s)	Terminating Intergreen (s)
1	12.09	10.08	12.08
2	13.22	11.02	13.02
3	13.60	11.33	13.33
4	11.94	9.95	11.95

## Traffic Signal Phases

Phase Name	Type	Lanes Controlled
<b>A</b>	3 Aspect Traffic	3
<b>B</b>	3 Aspect Traffic	1
<b>C</b>	Ind. Arrow	1
<b>D</b>	3 Aspect Traffic	2
<b>E</b>	3 Aspect Traffic	4
<b>F</b>	3 Aspect Traffic	
<b>G</b>	3 Aspect Traffic	
<b>H</b>	3 Aspect Traffic	
<b>I</b>	3 Aspect Traffic	
<b>J</b>	Pedestrian	1
<b>K</b>	Pedestrian	2
<b>L</b>	Pedestrian	3
<b>M</b>	Pedestrian	4

## Lane Conflict Distances

### Starting Lane

Terminating Lane

Lane Conflict Distances (m)				
	1	2	3	4
1		13.91	11.43	8.72
2	11.56		13.95	10.80
3	6.51	3.78		10.45
4	15.68	15.06	9.67	

Current ASL setting: Use the worst-case stop line of each ASL

## Traffic\Pedestrian Conflict Distances

### Starting Ped Crossing

Terminating Lane

Traffic/Pedestrian Conflict Distances (m)				
	P1	P2	P3	P4
1	7.55	19.31	27.10	27.04
2	28.27	8.39	17.30	29.57
3	27.92		8.21	19.47
4	21.91	31.45	28.20	7.88

Current ASL setting: Use the worst-case stop line of each ASL

# Phase Intergreen Matrix

## Starting Phase

		Phase Intergreens (s)												
		A	B	C	D	E	F	G	H	I	J	K	L	M
Terminating Phase	A		5	5	5	6					8		5	7
	B	6			6	5					5	7	8	8
	C	6			6	5					5	7	8	8
	D	6	6	6		6					8	5	6	8
	E	6	6	6	6						7	8	8	5
	F													
	G													
	H													
	I													
	J	12	12	12	12	12								
	K		12	12	12	12								
	L	13	13	13	13	13								
	M	12	12	12	12	12								

Current ASL setting: Use the worst-case stop line of each ASL

## Additional Phase Intergreen Detail

Phases	Type	Value	Notes
J => A	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
J => B	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
J => C	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal

Phases	Type	Value	Notes
			Timings. Doc. Ref. SQA-0645 (Issue 3).
J => D	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
J => E	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
K => B	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
K => C	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
K => D	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
K => E	Override	12	Calculation of pedestrian timings at the junction assuming the usage of

Phases	Type	Value	Notes
			countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
L => A	Override	13	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
L => B	Override	13	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
L => C	Override	13	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
L => D	Override	13	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
L => E	Override	13	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).

**Title:** Royal Hospital Rd/Chelsea Barracks Rd/Pimlico Rd/Lower Sloane St

## **Audit Log Records**

This model does not have any audit records