## A6. PERS AUDIT

# 2013

# PERS Audit



## **Traffic Surveys UK**

Prepared for on behalf of Iceni Projects
October 2013



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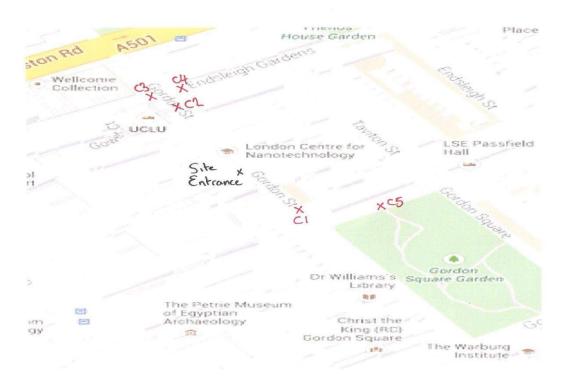


### **Executive Summary**

Traffic Surveys UK was appointed Iceni Projects to prepare a PERS Audit of the pedestrian environment surrounding a development site on Gordon Road in the London Borough of Camden. The site is bound by Gordon and Endsleigh Place with Euston Train Station to the North of the site.

A Pedestrian Environment Review System (PERS) Audit of the existing public realm around the site was undertaken by Traffic Surveys UK on Tuesday 15th October 2013 in accordance with TfL's 'Pedestrian Environment Review System, Review Handbook Version SA1.1, May 2011' guidance. This report sets out the results of the PERS Audit and forms part of the supplementary information relating to the planning application for the site; and should therefore be read in conjunction with Transport Assessment (TA). The scope of the audit was agreed with Iceni. Items that were reviewed in the assessment included Routes and Crossings. There were no public transport waiting areas (PTWA), Public Spaces, interchanges or Links reviewed in the study area. A total of five Routes and five crossings, were reviewed. Illustration A shows the extent of the study area and the results of the features

Illustration A: PERS Audit Features Assessment





All features assessed were scored as green (positive overall). The results of the PERS audit therefore indicate that the pedestrian environment around the site is generally of a good quality. This was reflected in green scores for the routes assessed. There were some minor maintenance issues highlighted on routes which would benefit from routine maintenance due to seasonal foliage and gum residue.

#### 1 Introduction

#### 1.1 APPOINTMENT

1.1.1 Traffic Surveys UK was appointed in October 2013 by Iceni Projects to prepare a PERS Audit in relation to a development site/crossing movement with regard to the existing UCL site on Gordon Street London Borough of Camden, in conjunction with a 12 hour survey of the pedestrian and vehicle movements and crossing movements in relation to the UCL main pedestrian entrance and service entrance.

#### 1.2 REPORT PURPOSE

- 1.2.1 The scope of the audit has been agreed with Iceni Projects and comprises a total of five routes and five crossings.
- 1.2.2 This document should be read in conjunction with the TA and is submitted in support of the planning application for the proposed development.
- 1.2.3 The remainder of this report is set out as follows:
  - Section 2 details the methodology followed in carrying out this PERS Audit;
  - Section 3 to consider the results for each item within the audit; and
  - Section 8 summarises and concludes the report.



### 2 Methodology

#### 2.1 PURPOSE OF AUDIT

- 2.1.1 This audit has been undertaken in accordance with the guidance provided in TFL's 'Pedestrian Environment Review System, Review Handbook Version SA1.1, May 2011'.
- 2.1.2 The PERS Audit is based around two key principles:

"That the quality of the pedestrian environment may be evaluated according to the degree to which it meets pedestrians' needs; and That in evaluating the degree to which pedestrians' needs are met by the environment, the objective should be to satisfy as many people as possible, with the standard pedestrian being considered to be towards the vulnerable end of the spectrum."

- 2.1.3 The assessment focuses on five key pedestrian needs referred to as 'the 5Cs':
  - Convenience: routes should facilitate the desired journey without undue deviation or difficulty;
  - Connectivity: routes should link origins and destination;
  - Conviviality: routes should be pleasant to use, with potential for activity within the public realm;
  - Coherence: routes should be continuous; and
  - Conspicuity: route design should allow the user to be seen by, and to see other pedestrians and vehicles to promote personal security and road safety.
- 2.1.4 A pedestrian environment where these five elements are in evidence is therefore considered positive.

#### 2.2 PROCESS

- 2.2.1 The handbook prescribes a five stage process for conducting a PERS audit:
  - Stage 1: Definition of study area;
  - Stage 2a: Desk top identification of links, crossings, routes and spaces;
  - Stage 2b: Collation of existing information;
  - Stage 3: On-street evaluation;
  - Stage 4: Data analysis using Street audit software; and
  - Stage 5: Display and review outputs.
- 2.2.2 More information about the process can be found within the aforementioned TfL handbook.



## 2.3 STAGE 1

2.3.1 The audit area was defined, discussed and agreed with Iceni Projects based on pedestrian desire lines and routes to and from the site to surrounding amenities and local public transport facilities.



## **2.4 STAGE 2A**

2.4.1 The items that were identified for assessment are summarised in Table 2.1 below and illustrated on Figure 1 and 2. They include links, crossings, PTWAs, public spaces and routes.

Table 2.1 ld	Table 2.1 Identified Items for PERS Audit										
ID	Item										
Link											
Crossings											
C1	Gordon Road South										
C2	Gordon Road North										
C3	Gower Place										
C4	Endsleigh Gardens										
C5	Endsleigh Place										
Route											
R1	Gordon Street North West										
R2	Gordon Street North East										
R3	Gordon Street South West										
R4	Gordon Street South East										
R5	Endsleigh Place North										



#### **2.5 STAGE 2B**

- 2.5.1 Existing information about the audit area and baseline analysis can be found in detail in the TA.
- 2.5.2 Euston over ground train station is located five minutes' walk north of the site.

#### **2.6 STAGE 3**

- 2.6.1 The on-street evaluation was undertaken on Tuesday 15<sup>th</sup> October. The weather conditions were wet with scattered showers throughout the day.
- 2.6.2 The assessment review forms provided in the PERS Handbook were used to assess each item of the audit. These forms consist of a list of characteristics relating to the pedestrian environment, such as, obstructions, lighting and security. The extent to which each characteristic meets the needs of pedestrians is reviewed against a number of criteria which are graded as positive, negative or neutral.
- 2.6.3 The extent to which the criteria are met then determines an overall score for the specific characteristic. The scores are numeric and range from -3 (very poor) to +3 (very good) as illustrated below. The overall score is then used as a basis of comparison with other pedestrian facilities.



2.6.4 The original on-site assessment forms are contained at Appendix A of this report.

### **2.7 STAGE 4**

2.7.1 Streetaudit version 1.1.9.195 was used to analyse the findings of the audit based on the default weighting.

## **2.8 STAGE 5**

2.8.1 The findings for each item reviewed by the audit are set out in Sections 3 to 4 of this report.



### 3 Crossings

#### 3.1 Scores

3.1.1 Ten crossings were assessed within the PERS Audit as shown in Tables 4.1

Table 4.1 PERS Scores for					
Crossings (C1 – C5)	<b>C</b> 1	C2	C3	C4	C5
Crossing Provision	10	10	20	-10	-5
Deviation from the Desire Line	6	9	9	6	-3
Performance	10	15	20	-5	-5
Capacity	3	3	3	2	2
Delay	9	9	12	-3	-3
Legibility	4	4	2	-1	3
Legibility (sensory Impaired	9	-3	-6	9	9
People)					
Dropped Kerb	9	6	9	12	9
Gradient	2	4	4	3	4
Obstructions	4	2	2	4	4
Surface Quality	-6	-3	-9	6	12
Maintenance	-2	-2	2	-1	-1
Overall Total Score	58	54	68	22	26
% of Max Total Score	48	45	57	18	22
RAG Score	GREEN	GREEN	GREEN	AMBER	GREEN

4.1.2 The results show that the majority of the crossings assessed achieved a high green score and were therefore positive overall with no particular issues of concern raised by the audit. However C4 raised issues due to the safety of the crossing for the pedestrians and received an 'amber' score. C5 also scored a low percentage figure but this was due to the deviation from the desired line.

#### 3.2 SUMMARY OF CROSSING ASSESSMENT

- 3.2.1 The crossings in the assessment area were scored as green crossings and positive overall except C4. The crossings are shown in Plates 1 and 2 below.
- 3.2.2 The majority of crossings provide appropriate and safe crossing for the level of pedestrian movement at each location. C5 (Endsleigh Place) failed to give pedestrians a sufficient crossing capacity throughout with barley enough width for wheelchair users. All Zebra crossings had good capacity and had good performance. However C1 need maintenance due to ponding occurring on entrance and exits.
- 3.2.3 The majority of crossing coped with capacity for the location with C5 the only one to be viewed as insufficient. It should also be noted that multiple pedestrians cross the roads at points along the street and not a designated crossing points.
- 3.2.5 Tactile paving and dropped kerbs are provided at all crossings and were generally in a good state of repair. However at C1 the dropped kerbs need maintenance and improved draining and rainfall leaves ponding. C3 showed cracked and uneven tactile slabs that need



replacing and multiple trip hazards with the surface quality across the crossing. This is would be especially dangerous for wheelchair users and sensory impaired people.

3.2.6 The road surface around most crossing was generally in good condition and the surface was even and easy to navigate except that of C3 which has already been highlighted.

Plate 1 C1 Gordon Street South

















## Plate 2



C2 Gordon Street North



C3 Gower Place



C4 Endsleigh Gardens



C5 Endsleigh Place



## 4 Routes

#### 4.1 SCORES

4.1.1 A total of three routes were examined within the PERS Audit. Table 7.1 provides the scores for the routes reviewed.

Table 7.1 PERS Scores for Routes (R1 – R3)	R1	R2	R3	R4	R5
Directness	20	20	20	-10	20
Permeability	9	9	6	-6	6
Road Safety	-5	-5	-5	-5	10
Personal Security	20	20	20	20	20
Legibility	6	6	6	-3	6
Rest Points	n/a	n/a	n/a	n/a	n/a
Quality of the Environment	2	2	-1	-1	2
Link Reviews	n/a	n/a	n/a	n/a	n/a
Crossing Reviews	15	5	n/a	15	15
Overall Total	67	57	45	10	79
% of Max Score	60	51	40	9	71
RAG Score	GREEN	GREEN	GREEN	AMBER	GREEN

4.1.2 The results show that majority of routes were scored 'green' (positive overall) reflecting the good quality pedestrian environment across the area. However R4 scored a low score when compared to the other routes due to deviation from the desired line when walking on the route and the width of the pavement.

#### 4.2 SUMMARY OF ROUTE ASSESSMENT

- 4.2.1 In general, the routes were clean and litter free with a few minor maintenance issues on links such as gum residue. There is good pedestrian signage and way finding along the routes. Route two offers a detailed map of the local area which can be seen in plate 4.
- 4.2.2 Increased seasonal foliage due to survey taking place in autumn is seen in R4 which is big contributor to its low score. The foliage makes the footway slippery and dangerous to the pedestrians and cleaning is of vital importance. Additional concerns were raised in R1 where bird food was placed on the paths (see plate 3)
- 4.2.3 All routes were well lit across the whole route and good natural surveillance from active uses of CCTV.
- 4.2.4 No obvious graffiti or vandalism on routes
- 4.4.5 Parked cars along the routes affect the sightlines for the pedestrians but are road markings prevent cars being parked next to crossing points.
- 4.4.6 All routes apart from R1 use C1 to gain access to the site entrance.



Plate 3 Route 1















Plate 4

## Route 2















Plate 5

Route 3















## Plate 6

## Route 4

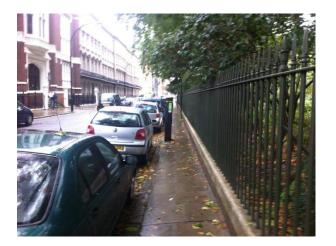










Plate 7

## Route 5















## **5 Summary and Conclusion**

#### **5.1 SUMMARY**

- 5.1.1 Traffic Surveys UK was appointed by Iceni Projects to prepare a PERS Audit of the existing public realm around Gordon Street.
- 5.1.2 The scope of the audit was agreed with Iceni Projects. A total of five routes and five crossings were reviewed.
- 5.1.3 The resulting scores were mainly positive with the majority of features assessed classed as green (positive overall). There were some minor maintenance issues with minor cracks in the tactile on C3. All routes were generally litter free and clean except for gum residue and the occasional confectionary wrapper. A quick fix to improve the quality of the routes would be to remove seasonal foliage and other litter including gum residue on all paths and crossings. Special focus should be taken on R4 to clean the seasonal foliage.
- 5.1.4 High level of deviation in R4 forced pedestrians to cross crossings away from site (on Endsleigh Place) to complete the route. However this crossing received a 'green' score demining it safe to the user if crossed correctly.
- 5.1.5 The crossings in the area are generally well maintained with no major issues highlighted by the audit. However all crossing would benefit from routine maintenance due to gum residue.
- 5.1.6 C3 would benefit from increased maintenance to remove trip hazards and repair the damaged tactile at the crossing. Additionally a change on surface on the road at the crossing point would make the crossing safe for sensory impaired people and wheel chairs users.
- 5.1.7 The positive scores for the features assessed are reflected in green scores for the route audited.
- 5.1.8 It should be noted that despite multiple crossing points on routes on observation pedestrians would cross where they felt fit and was more convenient, ignoring the set crossing points.

## **5.2 CONCLUSION**

5.2.1 In conclusion, the pedestrian environment around the site was found to be positive overall, fairly well maintained and generally of good quality. Wide footways, good lighting and CCTV across all routes make for a safe environment. However two scores reflect that some major issues were highlighted by the PERS audit in the area surrounding the site. This is of C3 and R4 where increased maintenance and enhanced street cleaning to organise the seasonal foliage on R4. With C3 the tactile is need of being replaced, and road surface treated for trip hazards.

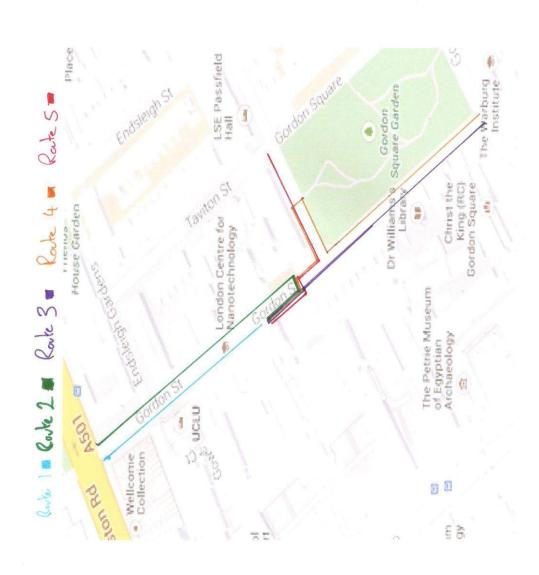


# **Figures**



## PERS Audit - Gordon Street

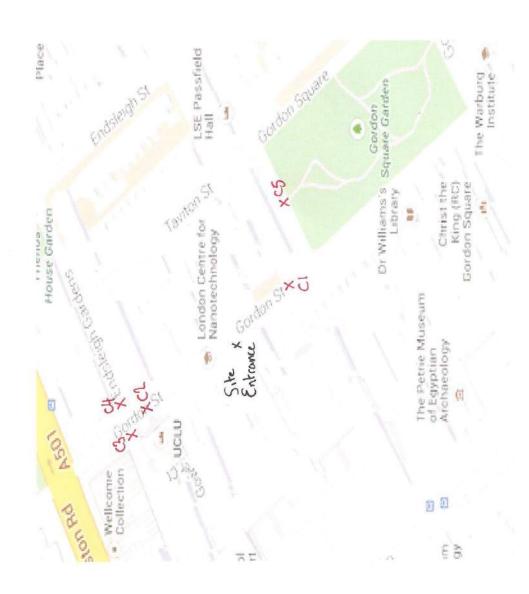
## **Route Assessment**





## **PERS AUDIT – Gordon Street**

## **Features Assessment**





# **Appendices**



## Appendix A

PERS Audit Site Sheets [Attached as a separate pdf file]



JIUSSIIII A	Seconoment E	-	-				
crossing Name:	Assessment F	OII	<u>n</u> _			73	Page 1 of 2
	Garden	K	040	1	Soil	Ha .	
ocation:	lon				0		Crossing ID Code:
Reviewer:	0	- 100				Time:	Date: // /
	5	T		Т	Overall	9-13.	18/10/13
Parameter	Checklist Factors	C	heckli		Score	Design Comments	Maintenance Comments
	Type suitable for context	+ve	+/-	-ve	-3 to +3		
		1	-			710	
	Suitable for pedestrian type	/				Lebra Crossing.	
Crossing provision	Suitable for pedestrian volume	/_		-	+1		
	Suitable for type of road	-	-	/	4 1		
	Traffic speeds	1	-				
	Traffic volumes	1					
	Deviations	1				No berners	
*	Serve likely desire lines	1				No perreco	
Deviation from the desire line	At grade / by level change	1			4		
MESHE IIIIE	Pedestrian priority	/	-		47		
	Distance minimisation	/					
	Barriers causing deviation	ļ.,	/				
	Crossing operational	1			+1	and - Allinia	
-	Safety/protection of pedestrians	/				good Significan	
Performance	Vehicle behaviour	/				good sightlines Stop markings	
	Traffic control measures	1			7 (	Characterias	
	Space ownership	/				3 of mareing	
	Obstructions to sight lines	/				7	
	Minimum dimension standards met	/					
	Peak hour performance	/					
Crossing capacity	Pedestrian flows coped with	/			+2		
	Waiting areas/widths	/					
	Refuge capacity		/				
	Width for wheelchair users	/					
	Crossing stages		/				
	Effect of crossing type	/		nertiscs)			
Delay	Traffic flow	/			. 0	_	
Delay	Pedestrian phase	/			+6		
ĵ	Waiting time	/					
	Crossing time	/					
	Surface Type continuity	1					
	Obvious where to cross	7				Driers stop where	Gun residue.
	Driver stop line in place	/				manhad.	
Legibility	Delineation for pedestrians	7			+3	TOURIZED !	
	Positioning of infrastructure	1			2		V.
		1	-	-		1	l .

Crossing /	Assessment F	orr	n				Page 2 of 2
Parameter	Checklist Factors	c	heckl	-	Overall Score	Design Comments	Maintenance Comments
	Button position	+46	+1-	-ve	-3 to +3		
	Audible information		/	-	1		
Legibility for	Rotating cones		/	-	+		
sensory impaired		-	/	-	17		
people	Tactile information provided/intact	1	-	-	+7	1	
×	Appropriate Tactile information	/	-			1	
	Colour contrast	/	_	-			
	Sultable locations	/			1		
	Capacity	/			1		
Dropped kerbs	Level dropped/flush		/		10		
	Gradient of drop	/		Variation (	11/		
	Provision	/					
	Profile	/					
	Crossing at grade	/					
N/	Crossfall evident	/		-	1		
	Impedience to access	/			1		
Gradient	Camber	7		_	7-1		
	Severity of gradient on approach	1					
	Severity of gradient on exit	-			1		
	Obstructions on approach	-	-				
	Obstructions on crossing	4	-	-85	1	1	A - 200-2011 A - 2011 A - 2011 B A   10-4
		/	-			No obstructions	
Obstructions	Location/alignment	/			-	2	
	Overhead obstructions	_			+2		
	Opaque/lapering obstructions	/					
	Tactile warnings	/					
	Sight line reduction	/					
	Permanent obstructions	/					
	Smoothness/trip hazards			/		1	
	Context suitability	1				trip hazards.  poor reinstellnents.  Bad drainage.  needs repairing	
Surface quality	Consistency		1	/		Door round II. Le	
Surface quality	Quality of reinstatements			/	2	1 - Lessiennes	
	Drainage	The same		1	~	211	
	Slippery surfaces	1				Dad drainage.	
	Cleanliness	1				0	
	State of repair	_		7		ands sometime	gun residue
	Littering	1	-	_		The cost of the cost of the	Tom residue
Maintenance	Evidence of neglect	_		1	2	$\circ$	
minimumou		-	-	_	- L		
	Impact of seasonal foliage	_	-			*	
	Graffifi/stickers/chewing gum		_	/			
NUMBER OF THE PARTY OF THE PART	Evidence of debris		/				
	ANCE RECOMMENDATIONS)					The second secon	
Cleaning and repair	1	6-	4l-		t	Surface quality	
	Remove litter and gum stai Remove graffiti from infrasi					Highlight crossing area and mar	
	Clear foliage and overhang					Resurface crossing at sections v	with ponding
	Clear blocked drains/gutter					Resurface crossing on carriagew	
Signals			3000	- pon		Resurface crossing waiting area  Dropped kerbs and tactile paving	s with trip hazards
	Repair rotating cone on cro	ssing	g sign	als			
	Replace control button at c					Install new dropped kerbs	so that they are flush and aligned
	Repair 'Wait' illumination b				×	Install new dropped kerbs that a	that it has account all
	Re-align the green man to I					Install new tactile paving with co	tract colour and layout
	Repair broken bulbs in the					Install flew tactile paving with co	rrect colour and layout

Crossing /							121
vasing Name:	Assessment F	orı	m	-7			Page 1 of
	and	m		1	ad	North	
cation:	ordon l				the same of		Crossing ID Code:
viewer:						Time:	Date:
	78	-				9.00 - 13.00	75/10/13
Parameter	Checklist Factors	1	Check	list	Overall Score	Design Comments	
		+ve			-3 to +3	Design Comments	Maintenance Comments
	Type suitable for context	1	1_			LA Michigan	
	Suitable for pedestrian type	/				traffic Speed high	
ossing provision	Suitable for pedestrian volume	/			+1	U	
•	Suitable for type of road			/		A 2	
	Traffic speeds			/			
	Traffic volumes	/	1				
	Deviations	1	1				
	Serve likely desire lines	/					1
viation from the	At grade / by level change	1			_		
desire line	Pedestrian priority			/	1+1		
	Distance minimisation	1			_		1
	Barriers causing deviation		1				
	Crossing operational	/					
	Safety/protection of pedestrians	/			1	crossing visable but high Speed Cors -	
Performance	Vehicle behaviour	/				1 2 2 1 2	
renormance	Traffic control measures	1			+7	high Speed Cars	
	Space ownership	/			7 6	U .	
	Obstructions to sight lines	/		-			
	Minimum dimension standards	/	1				
	Peak hour performance	1		_		No refuge.	
	Pedestrian flows coped with	1		-		Or refuge.	
ossing capacity	Waiting areas/widths	1		1	10	0	
	Refuge capacity	1	1		1 ' (		
	Width for wheelchair users	1	-				
	Crossing stages	1	-				
	Effect of crossing type	-	-	-			1
	Traffic flow	-	-	-			
Delay	Pedestrian phase	1	-	-			
	Walting time	1	-	-	49	2	
		/-	_				
	Crossing time	1	L				
	Surface Type continuity	1	-			C 1 1 11/2.	
	Obvious where to cross	1,	-	-		good lighting	
Legibility	Driver stop line in place	1	_	-	+2		
	Delineation for pedestrians	1			10	,	
	Positioning of infrastructure						
	Lighting	1	1		11 3		

	1				0		Page 2 of	
Parameter	Checklist Factors	+ve	heckl		Score 340	Design Comments	Maintenance Comments	
	Button position	146	1	-46	-3 to +3			
	Audible information	-	1	-	-	replace broken tactile		
Legibility for	Rotating cones	-	1	-	1			
sensory impaired	Tactile Information provided/intact	-	/	,	1			
people		-		/				
	Appropriate Tactile information	/	-	_				
	Colour contrast	1		-	-			
	Suitable locations	/		_	1	1 1 1 1 1		
	Capacity	/			-	herbs not flish!		
Dropped kerbs	Level dropped/flush			1	+1	/ /		
	Gradient of drop	/			1			
	Provision	/						
	Profile	/						
	Crossing at grade	/		2011/201				
	Crossfall evident	1						
Gradient	Impedience to access	1						
Camber	Camber	1			+3		*	
	Severity of gradient on approach	7			J	1		
	Severity of gradient on exit	/						
	Obstructions on approach	1		_				
	Obstructions on crossing	/-	-			no dostructions		
Obstructions	Location/alignment	4				No costruction		
	Overhead obstructions	/						
		/			1			
	Opaque/tapering obstructions	/			+1			
	Tactile warnings			/				
	Sight line reduction	1						
	Permanent obstructions	1						
	Smoothness/trip hazards	/					100000000000000000000000000000000000000	
	Context suitability	/				Pour drawage!		
Surface quality	Consistency	/			1			
	Quality of reinstatements			/	-			
	Drainage	LILL CO		1				
	Slippery surfaces	/						
	Cleanliness	-		/				
	State of repair		/			Scusonal feelage		
	Littering	7		-		scassina failage		
Maintenance	Evidence of neglect			1	1			
	Impact of seasonal foliage			/	-			
	Graffiti/stickers/chewing gum	-		-				
			-	_				
ICK WINS (MAINTEN	Evidence of debris  ANCE RECOMMENDATIONS)	100000	/					
eaning and repair	The state of the s							
g and repair	Remove litter and gum sta	ine fr	om the	oron	eina	Surface quality		
	Remove graffiti from infras					Highlight crossing area and markings  Resurface crossing at sections with pon	e	
	Clear foliage and overhang					Resurface crossing at sections with pon	ding	
	Clear blocked drains/gutter					Resurface crossing waiting areas with tr		
ınals					VERTIFIE	Dropped kerbs and tactile paying	np nazards	
	Repair rotating cone on cro					Improve existing dropped kerbs so that	they are flush and olice-d	
	Replace control button at c	rossi	ng sig	nals		Install new dropped korbs that are further	are nustrand aligned	
	Repair 'Wait' illumination bulb in control box					Install new dropped kerbs that are flush and aligned Improve existing tactile paving so that it has correct colour and layout		
		ulb ir	contr	ol bo		Improve existing tactile paving so that if	has correct colour and lavour	

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crossing Name:	Assessment F			-	01		Page 1 of
	, 900	18	-		tla	CP	
ocation:	Landon						Crossing ID Code:
eviewer:	70					Time:	Date:
	1013	1			T	9-13	15/10/13
Parameter	Checklist Factors		Check	llet	Overall	Dealer Community	1 / -
		+ve				Design Comments	Maintenance Comments
	Type suitable for context	/				C	
	Suitable for pedestrian type	/				Simple Road Croccine	
crossing provision	Suitable for pedestrian volume	/			10	0.055,779	
provision	Suitable for type of road	/			+3	Simple Road Crossing Low traffic Volumes	
	Traffic speeds	1			1	Low trather Volumes	(
	Traffic volumes	/				3.970 00.000	
	Deviations	1					
	Serve likely desire lines	1			1	N N 1 = -	1
Deviation from the	At grade / by level change	/			1.0	No barriers	
desire line	Pedestrian priority	/			+/		4.
	Distance minimisation	/					
	Barriers causing deviation		1			_	
	Crossing operational	1					
	Safety/protection of pedestrians	1			1		
_	Vehicle behaviour	/			1		
Performance	Traffic control measures				1+2		1
	Space ownership	1					
	Obstructions to sight lines	1		-			
	Minimum dimension standards	-		-			
	met Peak hour performance	//	-		1		
	Pedestrian flows coped with	/			1		
Crossing capacity	Waiting areas/widths	/		-	+7		
	Refuge capacity	/_	-	-	14		9.0
	Width for wheelchair users	-	-	-	1		
	Crossing stages	1		-	-		
1	Effect of crossing type	-		-	1	Lou traffic no de	/,,,
1	Traffic flow	/	-	-	-	the capter to acc	an .
Delay	Pedestrian phase	-		_	+5		
1		1			-		
1	Waiting time	1					
	Crossing time	/					
9	Surface Type continuity	-		/	1	01111	
1	Obvious where to cross	/				Good lighting	
Legibility	Driver stop line in place	/,			+1		
1	Delineation for pedestrians	/					N.
1	Positioning of infrastructure	/					
HER NOTES	Lighting	/					
TER NOTES							
	Cobblid	-		- 1		1	. / /
	^	0.8	00	DIV	0	causing 6.	-ip hazards.e insuita
	Par 1	1	1		0		
	for when	_1 <	> W	0-4	0.		

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Crossing Assessment Form Page 2 of 2 Overall Checklist Factors Checklist Score -3 to +3 **Design Comments Maintenance Comments** +ve +/- -ve Button position tactile presents. needs replacing. Audible information Legibility for Rotating cones sensory impaired Tactile Information provided/intac people Appropriate Tactile information Colour contrast Suitable locations Capacity Level dropped/flush Dropped kerbs Gradient of drop 17 Provision Profile Crossing at grade Crossfall evident Impedience to access Gradient Camber Severity of gradient on approach Severity of gradient on exit Obstructions on approach Drain cover on approach Obstructions on crossing Location/alignment Overhead obstructions Obstructions Opaque/tapering obstructions Tactile warnings Sight line reduction Permanent obstructions Smoothness/trip hazards very un smooth Context suitability crossings. Consistency Surface quality Quality of reinstatements Drainage Slippery surfaces Cleanliness State of repair Gum Residu Littering Maintenance Evidence of neglect +1 mpact of seasonal foliage Graffiti/stickers/chewing gum Evidence of debris QUICK WINS (MAINTENANCE RECOMMENDATIONS) Cleaning and repairs Surface quality Remove litter and gum stains from the crossing Highlight crossing area and markings Remove graffiti from infrastructure at the crossing Resurface crossing at sections with ponding Clear foliage and overhanging branches at crossing Resurface crossing on carriageway with trip hazards Clear blocked drains/gutters to reduce ponding Resurface crossing waiting areas with trip hazards Signals Dropped kerbs and tactile paving Repair rotating cone on crossing signals Improve existing dropped kerbs so that they are flush and aligned Replace control button at crossing signals Install new dropped kerbs that are flush and aligned Repair 'Wait' illumination bulb in control box Improve existing tactile paving so that it has correct colour and layout Re-align the green man to be visible to pedestrians Install new tactile paving with correct colour and layout Repair broken bulbs in the green/red man signal head

crossing Name:  ocation: Ceviewer:  Parameter	Endsleight don Caell	ě.	n		A CONTRACTOR OF THE PARTY OF TH		
ocation: Zon	don (cell)	h					Page 1 of 2
Reviewer:	don (cell)		1	101	deus		
Reviewer: Parameter			7	1		*	Crossing ID Code:
	1/2	Yu	+			Time:	Date:
	200	-	-		T -	900-1300	15/10/13
	Checklist Factors	+ve	heck +/-		Score -3 to +3	Design Comments	Maintenance Comments
	Type suitable for context			/		0 1	
	Suitable for pedestrian type			/		Road crossing	
Crossing provision	Suitable for pedestrian volume	/			-2	0.	
	Suitable for type of road	/			_	G -	
	Traffic speeds	/					
	Traffic volumes			/			
[	Deviations	/				1 1 - 1	// //
	Serve likely desire lines	/				No ped priores	
desire line	At grade / by level change	/			1.1		
desire line	Pedestrian priority			1	+1		
-	Distance minimisation	1	_			No barriers	
E	Barriers causing deviation	1	/				
- I	Crossing operational	/		١.,			
H	Safety/protection of pedestrians	1		/		No control measures.	
Performance	Vehicle behaviour	/			-1	control rangues.	
F	Traffic control measures	ļ.,		1	1		
1	Space ownership	/					
	Obstructions to sight lines	/					
	Minimum dimension standards met	/				ped flow high in neak	
F	Peak hour performance			1		fed flow high in peak	
Crossing capacity	Pedestrian flows coped with	/			1.1	1	
	Walting areas/widths	/			+	Neurs.	
<u> </u>	Refuge capacity		/				
	Width for wheelchair users	/					
	Crossing stages		1				
E	Effect of crossing type			1			
Delay	Traffic flow	-		/			
F	Pedestrian phase		/				
-	Walting time	/			Š		
	Crossing time	/	_				
5	Surface Type continuity	/				11. 1. /	
1	Obvious where to cross			/		No line for	
Legibility	Driver stop line in place		/		-1	Drus to stop.	
	Delineation for pedestrians	1				0.500	
	Positioning of Infrastructure	/					\
F		1			0 8		1

C4

174000000000000000000000000000000000000	7 (1944) 2- 1 (1946) 2- 1 (1947) 2- 1 (194	Ov			Overall		
Parameter	Checklist Factors	+ve	+/-		Score -3 to +3	Design Comments	Maintenance Comments
The second secon	Button position	1.40	7	-40	13 10 73	1 1 1	
	Audible information		1			factile in good condition	^
Legibility for	Rotating cones		/		^	1000	
sensory impaired people	Tactile Information provided/intac	1			+2	0	
рооріо	Appropriate Tactile information	17	$\vdash$	-			
	Colour contrast	1		-			
	Suitable locations	1		+			
	Capacity	1	-	-			
	Level dropped/flush	1	-	-			
Dropped kerbs		4	-	-	+2		
	Gradient of drop	/		_	)		
	Provision	/	-	_			
	Profile	/					
	Crossing at grade	1				(1)	
	Crossfall evident	/				Slight camper + graduent.	
Gradient	Impedience to access	1			^	11-2	
	Camber	/			+7	or rachent.	*
	Severity of gradient on approach	/			_	0	
W	Severity of gradient on exit	/				V	
	Obstructions on approach	/			10		The second secon
	Obstructions on crossing	/					
	Location/alignment	/					
Obstructions	Overhead obstructions	1					
	Opaque/tapering obstructions	/		-	14		
	Tactile warnings	17		_	0		
	Sight line reduction	1		-			
	Permanent obstructions	1					
	Smoothness/trip hazards	1		-		1 1 1 1	
	Context suitability	1		-		Surface good but poor	
	Consistency	/		-		1	
Surface quality	Quality of reinstatements	/	-	-	+1	down	
	Drainage	/	-	_		warneye-	•
		-	-	/			
	Slippery surfaces	/					
	Cleantiness	1					C \ D.1 1
	State of repair	/					Scagonal foilage!
TANK AND DESCRIPTION OF	Littering	/			1		
Maintenance	Evidence of neglect	1		-	-		•
	Impact of seasonal foliage						
	Graffiti/stickers/chewing gum						
	Evidence of debris		/				
JICK WINS (MAINTEN	IANCE RECOMMENDATIONS)			1986			TITLE MANAGEMENT OF THE STATE O
eaning and repair	7				Carro-980-04-00	Surface quality	
	Remove litter and gum sta					Highlight crossing area and markin	
	Remove graffiti from infra				(1000) (F)	Resurface crossing at sections with	n ponding
	Clear foliage and overhan					Resurface crossing on carriageway	
gnals	Clear blocked drains/gutte	ers to	reduce	pondi	ng	Resurface crossing waiting areas w	vith trip hazards
gnala	Repair rotating cone on cr	nsein	n eigno	la		Dropped kerbs and tactile paving	i.
	Replace control button at					Improve existing dropped kerbs so	that they are flush and aligned
	Repair 'Wait' illumination					Install new dropped kerbs that are t	flush and aligned
	Re-align the green man to				striane	Improve existing tactile paving so the	hat it has correct colour and layout
	Repair broken bulbs in the					Install new tactile paving with corre	ct colour and lavout

<b>PERS</b>							TOL
Crossing /	Assessment F	orr	n				Page 1 of 2
Crossing Name:	Endslegh P	1 1					1 age 1 012
Location:	Charleyn 1	10/1	1				Crossing ID Code:
Reviewer:	V					Time:	Date:
	28					9.00 - 13.00	15/10/13
Parameter	Checklist Factors	0	Checklist		Overall Score	Design Comments	
		+ve			-3 to +3	Duargii Comments	Maintenance Comments
	Type suitable for context	/					
	Suitable for pedestrian type	/				Small crossing for	r
Crossing provision	Suitable for pedestrian volume			/	1	volume.	
crossing provision	Sultable for type of road	1				Dollars.	
	Traffic speeds			/	1		
	Traffic volumes	1				No signal or Zebra	
	Deviations	1					
	Serve likely desire lines	1		1		crossing away from	
Deviation from the	At grade / by level change	1	-	1	4		
desire line	Pedestrian priority		_	7	-	desired Line.	*
	Distance minimisation	-		7			
	Barriers causing deviation	-	1	-			
	Crossing operational	1	-	-			
	Safety/protection of pedestrians	1/2	-	-		parhed ears block	
	Vehicle behaviour	1	-	-		partial ears block sightlines	
Performance		/_	-	-	-1	21dul 1mc3	
	Traffic control measures	-		/		V	
	Space ownership	-		1			
	Obstructions to sight lines			1			
	Minimum dimension standards met	/				tion to the reaction	
	Peak hour performance	/				with for wheelchairs.	12.
Crossing capacity	Pedestrian flows coped with	1			1	with for wheelchairs.	
crossing capacity	Waiting areas/widths			1	+)		
	Refuge capacity		1				
	Width for wheelchair users	1					
	Crossing stages		1				
	Effect of crossing type	1	-	7		Small delay	I .
	Traffic flow	1		-		Small delay deputing on traffic	
Delay	Pedestrian phase	1	7	-	-1	depending on traffic	
	Waiting time	10	1	-		3	
	Crossing time	1	-	-			
*******************		1	-	-			
	Surface Type continuity	1	-	-		good lighting	
	Obvious where to cross	16	-				
Legibility	Driver stop line in place	-	1		+2		
	Delineation for pedestrians	1					
	Positioning of infrastructure	/					7
OTHER NOTES	Lighting	1					

Small width crossing.

	Assessment F	~			AND THE PARTY OF T	AND ADDRESS OF A COMPLEXION OF THE PERSON OF	Page 2 of
Parameter	Checklist Factors	Checklist Score			Overall Score	Design Comments	Maintenance Comments
		+ve	+1-	-ve	-3 to +3		
	Button position	-	/,	-			
Legibility for	Audible information		1,			tactile ok no need	
sensory impaired	Rotating cones	_	/		10	to replace yet.	
people	Tactile Information provided/Intact	/			+/	is replace yet.	
	Appropriate Tactile information	/					
	Colour contrast	/				Access to the second se	
	Suitable locations	/					
	Capacity			/		1	
	Level dropped/flush	1					
Dropped kerbs	Gradient of drop	1		-	+7		
	Provision	1		-	16		
	Profile	1	-	-			
	-	/		-			
	Crossing at grade	1				1 .	
*	Crossfall evident	1					
Gradient	Impedience to access	/			22		
	Camber	/			+3		52
	Severity of gradient on approach	/					
	Severity of gradient on exit	/			02534000-1		
	Obstructions on approach	/					
	Obstructions on crossing	1				No obstrations	
	Location/alignment	17	-	1			
	Overhead obstructions	/	_				
Obstructions	Opaque/tapering obstructions	-		-	+3		
		-					
	Tactile warnings	/					
	Sight line reduction	/					
	Permanent obstructions	/					
	Smoothness/trip hazards	/					
	Context suitability	/		000000000000000000000000000000000000000		great drainage e no trip hazards	
Surface quality	Consistency	/					
Surface quality	Quality of reinstatements	1			+3	I no top hazards	
	Drainage	/			J		
	Slippery surfaces	1					
	Cleanliness			/	-		
	State of repair	1		/		9	
		/		-		Excess seasonal	
Majest		4				(1)	
Maintenance		/	1 - 0		\	to age.	
	Impact of seasonal foliage			/	- 1		
	Graffifi/stickers/chewing gum			/			
	Evidence of debris	/					
Maintenance	Littering Evidence of neglect Impact of seasonal foliage Grafffi/stickers/chewling gum	2		/	- \	filage.	
OK MAND CO.	Evidence of debris  ANCE RECOMMENDATIONS)	/					
aning and repair			-		10000	Surface quality	
	Remove litter and gum sta	ins fr	om th	e cros	sina		
	Remove graffiti from infras					Highlight crossing area and markings  Resurface crossing at sections with pond	line
	Clear foliage and overhan					Resurface crossing at sections with pond Resurface crossing on carriageway with	ing trip bazarda
	Clear blocked drains/gutte						
nals	1		3440	Poli	9	Resurface crossing waiting areas with tri Dropped kerbs and tactile paving	p hazards
	Repair rotating cone on cr	ossin	ı sian	ala			k.
	Replace control button at					Improve existing dropped kerbs so that the	hey are flush and aligned
	Repair 'Wait' illumination t				×	Install new dropped kerbs that are flush a	and aligned
	Re-align the green man to					Improve existing tactile paving so that it is	has correct colour and layout
	Repair broken bulbs in the					Install new tactile paving with correct col	our and layout

<b>PERS</b>					***************************************		
	sessment For	m		_			
Route Name:	7. /	•••	01		1	NI M I	
Location: /	yorden		JE	LLL	t	North West.	
60	indon (Ces	6	al				Route ID Code:
Reviewer:	JB			/		Time: 900 - 13.00	Date:
	T	T		-	Overall	120 - 13.00	15.10.13
Parameter	Checklist Factors		Check		Score	Design Comments	Maintenance Comments
	Actual distance compared with	+ve	e +/-	-ve	-3 to +3		- Confidence of the Confidence
	direct distance	1	-	+	-	Straight road no	
	Evidence of short-cuts	1	-	+			
Directness	Deviation due to barriers	-	1/	1	+3	deviation	
		-	1-		10		
		-	-	-			*
	Frequency of viable crossing	-	-	-	1		
	points	1	_	_			
	Access/exit points Pedestrian barriers / parked	/	-	_		Some parked cars	
	cars	1	1_	-		1 1 1	
Permeability	Traffic flow	/			. 0	restricting significant	
an announced the second	Dropped kerbs	1			+2		
	Road width	1					
	Crossing places/refuge points	1	1				
	Sightlines	/			1		
	Perceived road safety	1	1				
	Traffic speeds/volumes	-	1	1		Low volumes but fast speeds of traffic.	
	Effect of noise, spray and fumes		+	1		consider at 1 to 1	
Road safety	Potential for conflict	12	1	-	-1	shoes et traffie.	
	Segregation from cyclists	13	-	-	- 1		
	Casualty record	-	-	-			
	Perceived personal	-	/	-			
	security/sense of crime	1	-				
	Street activity	1	-	-			
Personal security	Lighting suitability	1			19		
	Formal surveillance	1	_		43		
	Visibility levels	1			-		
	Visual appeal	1					
	Signage continuity	1				Classical Control	
	Signage clarity	/				sipped surface	
Legibility	Information boards/maps	/				Slipping surface	
Lugiminty	Surface type		1	1	41	Trip hazerds.	
	Tactile information	1					
	Colour contrast	1					
***************************************	Frequency per 100m	-	/				
	Suitability for type of user		/				
	Safe area		-				1
Rest points	Protection from the weather		-		0		
			-	-	0		, X
	Quality	-	1	-			
	Support public activity		/			*	
	Public spaces		/				
	Cleanliness/maintenance	1					C
Quality of the	Pleasantness/aesthetics		1		×11		June Lesigner +
environment	Soft Landscaping		1		7		Jung residue +
	Quality of meterials and private frontages	1					1-11-0
	Prompts for activity	-	1				
THER NOTES		-		-			
	Short rest No rest Great li	po ghi	int	ew.	ord	PTWA/S  CCTV.  Review System (PERS) was condeveloped by TPL and Tel	
UICK WINS (MAINTEN	ANCE RECOMMENDATIONS)	F	edes	trian E	nvironmen	t Review System (PERS) was co-developed by TRL and Tra	© Copyright TRI ansport for London. For more information see www.trl.co.u
leaning	ANCE RECOMMENDATIONS)						to more information see www.trl.co.ul
amig	Remove litter and	sie - 4				Repair	
	Remove litter and gum sta Remove graffiti from infra-					Repair benches/seats along the route	ži.
	Enhanced street cleaning				ie route	Repair missing or mis-aligned pedestri	ian signage along the route
The second secon	Clear foliage and overhan				L	Repair malfunctioning street lighting	
	18	- 4	STATE OF THE STATE	10000			
					-		

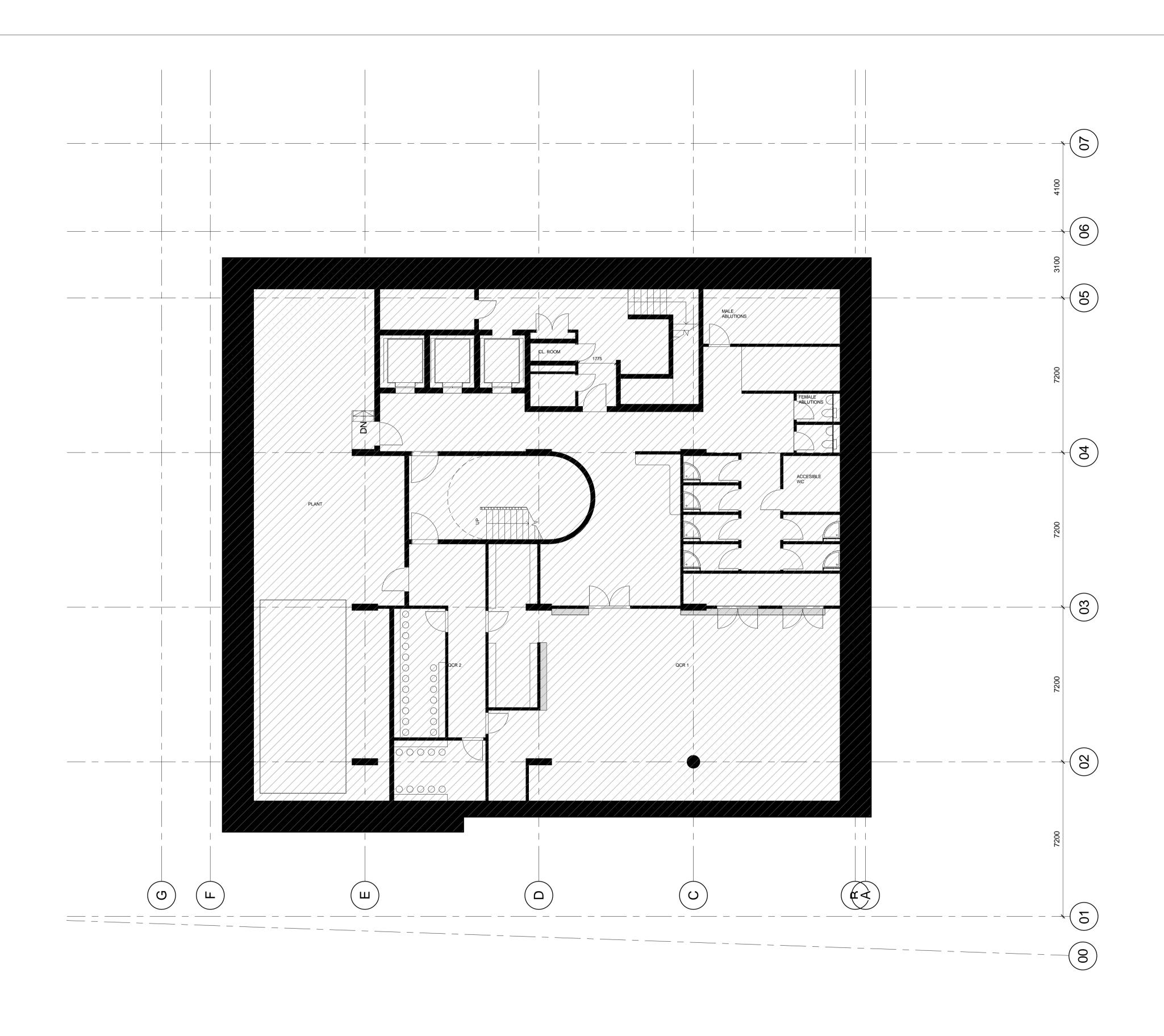
PERS								
	sessment For	m		-				
Route Name:	C 1	01		1		1. 11 6 1		
Location: /	Gordon	91	N	t		North East		
L0	indlen Cent	7102	0				Route ID Code: 2	
Reviewer:	JB.		1			Time: 9.09 - 13.00	Date:	
		T	10000		Overall	100 - 100	15.10.13	
Parameter	Checklist Factors	+ve	Check		Score -3 to +3	Design Comments	Maintenance Comments	
	Actual distance compared with direct distance	1	1	1	13 (0 73			
	Evidence of short-cuts	1	1	1	1			
Disastassa	Deviation due to barriers	1	1	-	1,2		8	
Directness		1	1	1	1+3		*	
		T			1			
					1			
	Frequency of viable crossing points	1				DII		
	Access/exit points	1			]	Parked cars restricting		
	Pedestrian barriers / parked cars	1				Sightlines.		
Permeability	Traffic flow	1			. 2			
000000000000000000000000000000000000000	Dropped kerbs	/			+2			
	Road width	/						
	Crossing places/refuge points	/		_	1			
	Sightlines	/	1					
	Perceived road safety	1	_	_				
	Traffic speeds/volumes	-		/	4			
Road safety	Effect of noise, spray and fumes	-	-	1	-1			
	Potential for conflict	6	-	-	1			
	Segregation from cyclists	1	1	-	-			
	Casualty record  Perceived personal	-	1	-	-			
	security/sense of crime Street activity	1	-	-	1	lighting + cerv		
	Lighting suitability	1	-	-	-	July 1		
Personal security	Formal surveillance	1	-	-	+3			
	Visibility levels	1		-	. 5			
	Visual appeal	1						
	Signage continuity	1						
	Signage clarity	1					*	
Legibility	Information boards/maps	/						
	Surface type			1	41			
	Tactile information	1					-	
	Colour contrast		/					
	Frequency per 100m		/					
	Suitability for type of user		1					
Rest points	Safe area	-	1,	_				
	Protection from the weather	_	/,		0			
	Quality	_	1			140		
	Support public activity  Public spaces		0					
	Cleanfiness/maintenance	-	-	-			Comment of	
Quality of the	Pleasantness/aesthetics	-	1	-			Gen residue reeds	
environment	Soft Landscaping	-	1		1		removing.	
	Quality of materials and private	1	-				J.	
	Prompts for activity	*	1					
OTHER NOTES							The state of the s	
	good 1.	gh	1,0	3		litter on route.		
UICK WINS (MAINTEN	ANCE RECOMMENDATIONS)	P	edesi	trian I	Environmen	t Review System (PERS) was co-developed by TRL and Tra	© Copyright TRL	
leaning	TIONS)							
The state of the s	Remove litter and gum sta	ains fr	om th	е гоц	te [	Repair  Repair benches/seats along the route		
	Remove graffiti from infras	struct	ure al	ong th	ne route	Repair missing or mis-aligned pedestria	an signage along the south	
	Enhanced street cleaning	along	the r	oute		Repair malfunctioning street lighting	an organise along the route	
	Clear foliage and overhan	iging l	oranci	nes		The second secon		

PERS								
Route Assessment Form								
Route Name:	0 1	-		(	reet	C 14 1 1		
Location:	- Gorde	N_		JI	reet	South West	Route ID Code:	
Devience	nden V					Time:	K S	
	TB					7:00 - 13:00	Date: 15 / 10 / 13	
Parameter	Checklist Factors		Check	list	Overall Score	Design Comments		
	Actual distance compared with		+/-			Design Comments	Maintenance Comments	
	Actual distance compared with direct distance	1				No barners		
	Evidence of short-cuts	1		_	1	an accepted ?		
Directness	Deviation due to barriers	-	al property	_	+3			
		-	-	-	1.3			
		-	-	-	-	li li		
	Frequency of viable crossing	-	+	+	-			
	Access/exit points	1	1	-	1	Parked Cars on Road		
*	Pedestrian barriers / parked cars	7		1	1	torned Lors on Koad		
Permeability	Traffic flow	1			1			
remeability	Dropped kerbs	1			4		0001	
	Road width	- Arrivor						
0 1 7	Crossing places/refuge points	1	-	_				
	Sightlines	100		-				
	Perceived road safety	/	-	-	2	fast out to 1		
	Traffic speeds/volumes  Effect of noise, spray and tumes	-	-	All de	-	tast ears speed.		
Road safety	Potential for conflict	JA.	-	1	n- }			
	Segregation from cyclists	1	1	1	1			
	Casualty record		1		1			
	Perceived personal security/sense of crime	1				1		
	Street activity	/				lighting & CCTV in		
Personal security	Lighting suitability	1				1 2		
	Formal surveillance	1			17	Over		
	Visibility levels	1			,	C S C CA		
	Visual appeal Signage continuity	1	-					
	Signage clarity	7	-	-		Stone parkagent		
	Information boards/maps	/	-			Stone pavement Slipping when wet.		
Legibility	Surface type			/	+1	Slipner when not		
	Tactile information	/			,	some second	6	
	Colour contrast	/				V		
	Frequency per 100m		1					
	Suitability for type of user		/			Vo rest points on late.		
Rest points	Safe area	_	1,		0	0. 1.		
	Protection from the weather Quality		1	-		ent.	, V	
	Support public activity	-	1					
	Public spaces		1		-		1	
	Cleanliness/maintenance	SAIT!	-	1			large level of sengeral folasje. large amount of Gem Residue	
Quality of the	Pleasentness/aesthetics		/		1		0	
environment	Soft Landscaping		/		-1		fedage.	
	Quality of materials and private frontages						1 100 2 11	
OTHER NOTES	Prompts for activity						large ancint of your Residue	
							•	
She	at route	,	١	J	0 6	crossing or lest points		
0	1 1				0 1	~		
Tre	at lighting		on		Kert	· .		
Q	U							
QUICK WINS (MAINTEN	ANCE RECOMMENDATIONS)	F	edes	ınan l	Environmen	t Review System (PERS) was co-developed by TRL and Tran	nsport for London. For more information see www.trf.co.uk	
Cleaning		-	and the law has	-		Repair	Anna Anna	
	Remove litter and gum sta					Repair benches/seats along the route		
	Remove graffiti from infras Enhanced street cleaning				he route	Repair missing or mis-aligned pedestrian signage along the route		
	Clear foliage and overhan				L	Repair malfunctioning street lighting		

PERS							
Route Ass	sessment For	m					
Route Name:	0 1 0	***	T			11 6 1	
Location: /	gerden St	NR	er		<u>}</u>	oth East	•
	ndon.						Route ID Code:
Reviewer:	SB					Time:	Date:
		T			Overall	9-00 13.00	15/10/13
Parameter	Checklist Factors		Chec		Score	Design Comments	Water Comment
	Actual distance compared with	+4	e +/	VE	-3 to +3		Maintenance Comments
	direct distance	-	_	/		dei bi las la	
	Evidence of short-cuts	1	1	1	1	deviation due to insafe	
Directness	Deviation due to barriers	1	1	1	-)	Crossing point.	
		-		_		31	
		-	-				
	Frequency of viable crossing	-	_	1			
	points	1	-	/		1	
	Access/exit points Pedestrian barriers / parked	/		-		large Volumes of ported	
	cars	5	-	1	4	of parameter	
Permeability	Traffic flow	1	-	-	1	cars.	
	Dropped kerbs	/		-	1-7		
	Road width	/	-	1	-	C. 11 '. a	
	Crossing places/refuge points	-		1	-	large Volumes of partied cars.  Small width	
	Sightlines	1	1			- 00/00	
	Perceived road safety	/	_	-		(market surred) 25.5 may (1.1 m/s) 14.5 may (2.4 m/s) 24.4 may (2.4 m/	
	Traffic speeds/volumes	/	1	1	4		
Road safety	Effect of noise, spray and fumes	-	_	/	-		2
	Potential for conflict	1	-	-			
	Segregation from cyclists	/	1	-	-		
	Casualty record  Perceived personal	_	/	-			•
	security/sense of crime	/		-			
	Street activity	/	-	-			
Personal security	Lighting suitability	/	-		0		
	Formal surveillance	/	-	_	+3		
	Visibility levels	4	-	_			
	Visual appeal	/	-	-			
	Signage continuity	1	-	-		broken tactile of Surface is Stone,	
	Signage clarity	/	-			orden tactile i	tactile needs replacing.
Legibility	Information boards/maps		/	-	1	C 1	
	Surface type	-	-	1	-	Durface is Stone.	
	Tactile information	-	-	/_		Slipping when evet.	
	Colour contrast		1	-		suppery when ever	
	Frequency per 100m	-	4	-		NI 0 1 0 1	
	Suitability for type of user		1			No Rest Points	
Rest points	Safe area Protection from the weather		1		_		
	Quality		1	_	0		1,7
	Support public activity		4	-			
	Public spaces		-	-			
	Cleanfiness/maintenance		_	- 1		Evere C A.	
Ovality of the	Pleasantness/aesthetics	J#.		_		Excess Season foliage	
Quality of the environment	Soft Landscaping	4	-	_	-	0	*
	Quality of materials and private	/_		-			
-	frontages Prompts for activity	_		-			
THER NOTES	rompts for activity		4				
	Excess (	) . -G1	las	Ke	nec	ls cleaning due to	Gorden Square Gardens.
	ANCE RECOMMENDATIONS)					True and Tr	© Copyright TRI ransport for London. For more information see www.trl.co.ul
leaning						Repair	
	Remove litter and gum sta					Repair benches/seats along the route	
	Remove graffiti from infras Enhanced street cleaning	struct	ure a	ong ti	ne route	Repair missing or mis-aligned pedestr	rian signage along the route
	Clear foliage and overhan				L	Repair malfunctioning street lighting	
V	a vivillali	9-19		. rww			

Route Ass	sessment For	m						
Route Name:	Endslei	-1		1	lace	A 1 . Id	The state of the s	
Location: /	- Chasten	71	-	1	lace	North.		
Reviewer;	odon y V			Meta-		The second secon	Route ID Code:	
Maylawai,	JB					Time: 9.00 - 13.00	Date: 15/10/2013	
	V	Г			Overall		13/14/2015	
Parameter	Checklist Factors	+ve	heck +/-	ist -ve	Score -3 to +3	Design Comments	Maintenance Comments	
	Actual distance compared with direct distance	1		-	1		T	
	Evidence of short-cuts	1	7		1	No barriers or short cuts		
Disset	Deviation due to barriers	1	17			64 ) 1		
Directness		+	1		+3	as short route.		
		1	1				T	
		+	+					
	Frequency of viable crossing points	1			-	0.1		
	Access/exit points	1				Park ears on route.		
*	Pedestrian barriers / parked cars	-		1	1			
D	Traffic flow	1						
Permeability	Dropped kerbs	1	1		+			
	Road width	1						
5	Crossing places/refuge points	/						
	Sightlines	/						
	Perceived road safety	/						
	Traffic speeds/volumes	/				low traffic Volumes		
Deed estate	Effect of noise, spray and furnes			1		- 11 - 10 - 10 E		
Road safety	Potential for conflict	1			+			
	Segregation from cyclists	/						
	Casualty record		7					
	Perceived personal security/sense of crime	7		III-te				
	Street activity	/		-		CCTV e lightria		
Personal security	Lighting suitability	/			10	across rate		
Personal security	Formal surveillance	/			+3	across rate		
	Visibility levels	/			7			
	Visual appeal	/						
	Signage continuity	/						
	Signage clarity	/				No Maps. low ements of factile information		
Legibility	Information boards/maps		1			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
	Surface type	/			+	low comernity of factile		
	Tactile information		/			i t t		
	Colour contrast	/				mfermedien		
	Frequency per 100m		/					
	Suitability for type of user		/			No rest Points		
Rest points	Safe area		1		_	3		
	Protection from the weather		1		0		1	
	Quality		/			*		
	Support public activity		/					
	Public spaces					5 1	_	
	Cleanliness/maintenance	/				Safe and clean environment.	Seasone lanks	
Quality of the	Pleasantness/aesthetics	/			, ,	,	and let all a	
environment	Soft Landscaping		/		+1	entrement.	Seasonal farlage + Gum residue	
	Quality of materials and private frontages	/					1	
THER NOTES	Prompts for activity		/					
	Short route	ic	, ,	سرة داد،	the o	o rest points or public	Space, No PrwA's	
		F	edest	rian E	nvironmen	t Review System (PERS) was co-developed by TRL and Tr	© Copyright T	
	ANCE RECOMMENDATIONS)					2 - 107 may 50 developed by TRL and Tr	reinsport for London. For more information see www.trl.co.	
leaning	Design File					Repair		
	Remove litter and gum sta					Repair benches/seats along the route		
	Remove graffiti from infra	struct	ure al	ong th	e route	Repair missing or mis-aligned pedestrian signage along the route		
	Enhanced street cleaning				1	Repair malfunctioning street lighting	nair signage along the route	

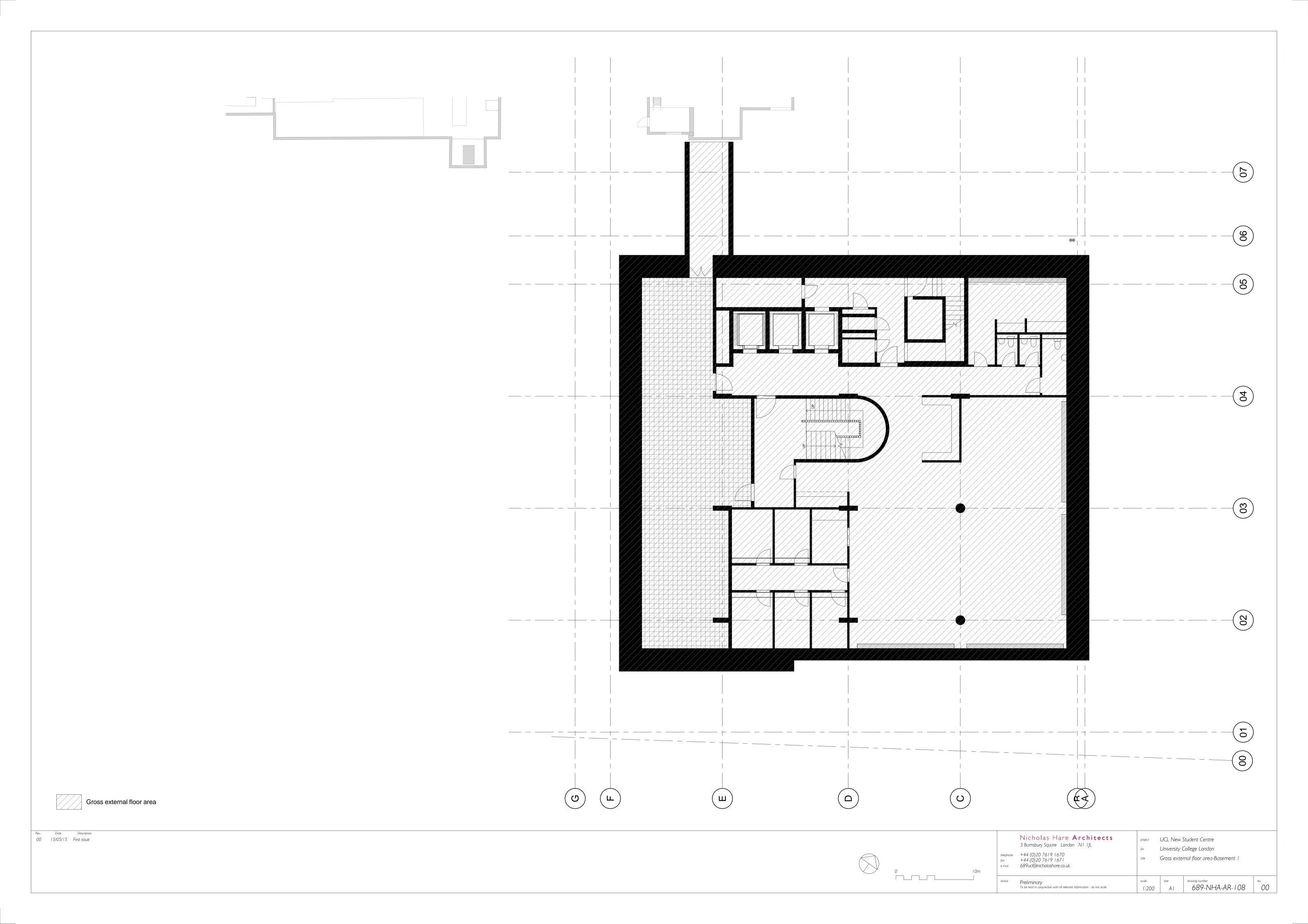
## A7. PROPOSED LAYOUT

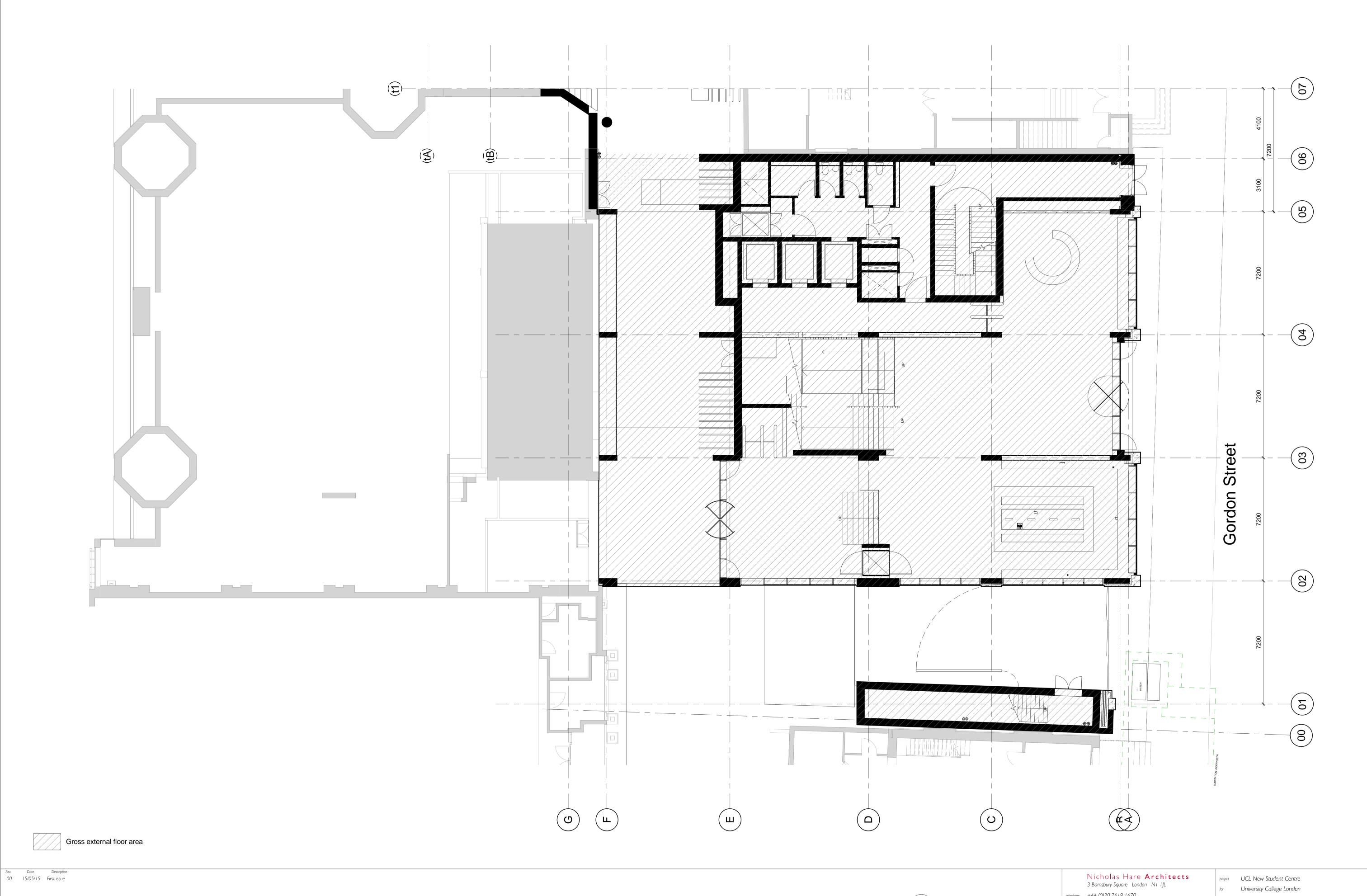


Gross external floor area

Nicholas Hare **Architects** 3 Bamsbury Square London NI IJL project UCL New Student Centre University College London telephone +44 (0)20 7619 1670 fax +44 (0)20 7619 1671 e-mail 689ucl@nicholashare.co.uk title Gross external floor area-Basement 2

status Preliminary
To be read in conjunction with all relevant information - do not scale scale size drawing number
1:200 A1 689-NHA-AR-107 00





0 10m

telephone +44 (0)20 7619 1670 fax +44 (0)20 7619 1671 e-mail 689ucl@nicholashare.co.uk status Preliminary
To be read in conjunction with all relevant information - do not scale 
 scale
 size
 drawing number
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Gross external floor area- Level 00 (Street)

