

## APPENDIX C: CHECKLIST OF BOROUGH TRAFFIC AND SIGN VARIATIONS

---

To be read in conjunction with Traffic Signs Regulations and General Directions 2002 and Traffic Signs Manual 2016.

### C.1 Road Markings

It is recommended that 50mm wide lines are used for all waiting restrictions and bay markings.

### C.2 Waiting Restriction Markings at Pedestrian Crossings

Omit markings from the front of controlled pedestrian crossing as no lines are needed (parking in front of these is always an offence under the Traffic Management Act 2004. (chapter 5, para 15.1 - 15.13.)

#### C.2.1 Warning Lines

Provide the minimum number of marks on each approach as indicated for each speed limit of road in table 4-3, chapter 5. For 20mph speed limits use 2 marks. Use with discretion at a junction or leading up to a Give Way.

#### C.2.2 Zig zags

Do not extend zig zag across a junction where this would require a significant increase in the number.

Use warning lines in centre of road instead of zig zag where road width is less than 6m wide. (chapter 5, Para 15.15).

#### C.2.3 Traffic Islands and hatches

Hatched markings are not to be used on approaches to islands and will always require departure approval. Used inclined warning lines as described in Chapter 5, para 4.23 and figure 4-4. Also refer to table 14-1. Use to nearside of island only, wherever possible.

Where additional emphasis is required, consider alternative carriageway surfaces first (e.g. block paving or aggregate

dressings) before resorting to hatched markings.

### C.3 Signs

#### C.3.1 Warning Signs

The erection of any warning sign will require prior approval by the Streetscene Traffic & Road Safety Manager. (Chapter 4, Para 1.7)

#### C.3.2 Size of signs

Always use smallest bracketed sign size on 20mph streets. Refer to Appendix A in chapter 3).

#### C.3.3 Backing Boards

Yellow retro-reflective backing boards are not to be used and will always require departure approval. Use a standard sign of larger size instead. (chapter 3, para 1.31 and chapter 7 14.19-14.24)

#### C.3.4 New Road Layout Signs

All new road layout signs must be removed after 3 months (para 37).

#### C.3.5 'No Left turn' and 'No right turn' Signs

Do not duplicate 'turn left only' signs (sign 609) on the right hand side of a one-way system or on the central refuge in a two-way road. (chapter 3, para 4.16)

#### C.3.6 Controlled Parking Zones entry signs

Only use one sign at zone entry (sign 663, 663.1 or 665) and zone end (sign 664 or 666) where carriageway width is less than 5m or speed limit is 20mph. (Chapter 3, para 12.1 – 12.14).

#### C.3.7 Review of all CPZ Parking

Review and consider use of standard permit holder parking instead to remove need for large defacing entrance and exit signs.


## APPENDIX D: PALETTE OF BOROUGH STREET FURNITURE

---






To be read in conjunction with Chapter 6 of the Hounslow Streetscene Design Guide  
Change alphabetically


Type	Requirements	Use Notes	Example	Comments
<b>Lighting Style 1 – STELA or similar</b>	<p>A highly aesthetic design and state-of-the-art functionality offers local authorities, lighting designers, architects and urban designers a modern and sustainable alternative for city roads, walkways and parks that delivers savings in energy and emissions without the need to compromise.</p> <p>No Upgrades required to achieve life or energy savings</p> <p>CMS Enabled</p>	At lighting upgrade schemes within the borough along Link 4 & 5.		Used in Link 4 & 5
<b>Lighting Style 2 – LUMA or similar</b>	<p>Luma – a high performance cost saving solution to the challenges of traffic route lighting.</p> <p>Replaces everything up to 400W SON .</p> <p>Up to 100,000 hours service life</p> <p>Constant Flux &amp; CMS Enabled</p>	At lighting upgrade schemes within the borough along Link 1, 2 & 3		Used in Link 1,2 & 3
<b>Lighting Style 3 – HERITAGE (Precinct &amp; Alternatives or similar)</b>	<p>Precinct is an example of an up to date design based on a traditional Victorian style that lends itself for application in a multitude of landscapes and environments.</p> <p>Precinct uses modern reflector technology with lamp sources up to 150W from the proven Arc series of road lanterns that lend themselves to applications where mounting heights range from 3.5 to 7 metres.</p> <p>Alternative heritage designs are also available to suit different historic styles and features</p>	At lighting upgrade schemes within 'Areas of Distinctiveness'		'Areas of Distinctiveness'
<b>Lighting Columns</b>	<p>Lighting columns to be black RAL No 9005 and as per standard details</p> <p>All styles to fit within the area of the chosen lantern</p>	All areas within the borough		Borough Wide
<b>Standard Bin Style 1</b>	<p>Make: Hefton Contemporary Litter Bin</p> <p><b>Dimensions (approx.):</b> 1050mm (H) x 540mm (OD)</p> <p>Material/Weight: Durable MDPE/13 Kgs. (with liner)</p> <p>Bin Volume: 105 litres/120 litres</p>	For use 'Place' status C, D & E		Place C, D & E







Type	Requirements	Use Notes	Example	Comments
	<p>Aperture Size: 335mm (W) x 150mm (H)</p> <p>Colour/Livery: Black – No additional livery</p> <p>Product Features: Smooth Body Finish, Ashtray &amp; 2 x M10 Ground Fixing Bolts, Galvanised Steel Liner.</p> <p>Ashtray Design: Smooth Finish/Conical</p> <p>Base Design: Twist Lock Base System with a central drainage hole.</p>			
<b>Standard Dual Bin</b>	<p>Make: <b>Dual Plastic Litter Bin</b></p> <p><b>Dimensions (approx.):</b> 1100mm (H) x 1000 x 450/500mm (D)approximately</p> <p>Material/Weight: Durable MDPE/35 Kgs. (with liner)</p> <p>Liner Size: 2 x 80 litres galvanised liners</p> <p>Aperture Size: 330mm (W) x 150mm (H) approx.</p> <p>Colour/Livery: Black – No additional livery</p> <p>Product Features: Smooth Body Finish, Ashtray &amp; 4 x M10 Ground Fixing Bolts, Galvanised Steel Liner.</p> <p>Ashtray Design: Smooth Finish/Conical</p> <p>Base Design: Heavy duty base. Can be Top, Side or front opening doors with a central drainage hole.</p>	For use 'Place' status A, B, C, D & E		Place A, B, C, D & E
<b>Bins Heritage</b>	<p>Make: <b>Eclipse 120L Litter Bin (Standard)</b></p> <p>Dimensions: 1000mm (H) x 500mm x 500mm</p> <p>Material: Pre-treated zintec steel</p> <p>Features: 4 x large posting apertures with integral litter guides</p> <p>Stainless Steel Heavy Duty</p> <p>Bar hinge &amp; slam lock design 90/120 litre galvanised liner</p> <p>Self-Emptying Stainless Steel Ashtray</p>	For use in 'Place' status 'Areas of Distinctiveness' U, V, X, or Y		'Areas of Distinctiveness'
<b>Bins Heritage Dual</b>	<p>Make: <b>Eclipse Double-Key Features 120L</b></p>	For use in 'Place' status 'Areas of		'Areas of Distinctiveness'

Type	Requirements	Use Notes	Example	Comments
	<p>Material: Pre-treated zintec steel</p> <p>2x120Ltr Galvanized steel liner. Pyramid lid.</p> <p>Stainless Steel slam lock.</p> <p>Gold painted aperture surrounds</p> <p>Litter laser cut into each Door backed by gold backing plates.</p> <p>Tidyman Plaque on each Door 3 gold vinyl bands.</p>	Distinctiveness' U, V, X, or Y		
<b>Standard Bollard Style 1</b>	<p><b>Description</b> 'Manchester style' bollard with decorative banding, rounded top and square base Black No logos, crests or messages. A visibility band may be used in the recess of the bollard</p> <p><b>Dimensions (approx.)</b> Height above ground: 1000mm</p> <p><b>Material:</b> Polyurethane</p> <p><b>Fixing</b> Root Fixed</p>	For use in 'Place' status A or B or in 'Areas of Distinctiveness' U, V, X or Y		'Place' A, B or in 'Areas of Distinctiveness'
<b>Standard Bollard Style 2</b>	<p><b>Description</b> 'Cold Stream' style bollard with grooved neck and flat top Black No logos, crests or messages. A visibility band may be used in the recess of the bollard</p> <p><b>Dimensions (approx)</b> Height above ground: 1000mm Diameter: 165mm</p> <p><b>Materials:</b> Polyurethane</p> <p><b>Fixing</b> Root Fixed</p>	For use in 'Place' category C, D or E		Place C, D & E
<b>Standard Bollard for Verge Protection</b>	<p><b>Description</b> Square timber bollard with pointed top No logos, crests or messages.</p> <p><b>Dimensions (approx.):</b> Height: 750mm Width: 150mm</p> <p><b>Materials:</b> Treated Timber</p>	For use in 'Area' Z		Area of Distinctiveness 'Z'
<b>Standard Refuge Bollard Reflective</b>	<p><b>Description</b> Non-illuminated bollard with yellow retro-reflective front, rear &amp; sides and white plastic finish</p> <p>Traffic signs on one face</p> <p><b>Dimensions (approx.)</b></p>	For use 'Place' status A, B, C, D & E		Borough Wide



Type	Requirements	Use Notes	Example	Comments
	<p>Overall height: 1036mm Max. bollard width: 400mm Max. bollard depth: 200mm Bolt-down foot detail: 328 x 328mm Fixing centres: 228 x 228mm Sign face: 300mm diameter</p>			
<b>Standard Refuge Bollard Illuminated</b>	<p><b>Description</b> LED Illuminated bollard with yellow retro-reflective front, rear &amp; sides and white plastic finish Traffic signs on one face</p> <p><b>Dimensions (approx.)</b> Overall height: 1036mm Max. bollard width: 400mm Max. bollard depth: 200mm Bolt-down foot detail: 328 x 328mm Fixing centres: 228 x 228mm Sign face: 300mm diameter</p>			
<b>Cycle Stands</b>	<p><b>Description</b> Simple upright symmetrical style cycle stand with tight radii at corners finished in Black. No tapping bars or parking signage</p> <p><b>Dimensions</b> : 715 x 800mm approx</p> <p><b>Materials</b>: polyurethane</p> <p><b>Fixing</b>: Surface fixing</p>	To be used Borough wide		Borough Wide
<b>Cycle Hoop</b>	<p><b>Description</b> A simple design made of a steel ring bisected by a tube attached to an existing poles, lamp posts, and railings into bike stands Colour: to match existing column street furniture being attached to</p>	To be used Borough wide		Borough Wide
<b>Guard Railing</b>	<p><b>Description</b> Visi-rail panel with sight gap as per standard detail HH.SD.400.001 Colour black RAL No 9005</p> <p><b>Dimensions</b> Panel lengths: 2000mm Above ground height: 1070mm</p> <p><b>Materials</b>: Steel</p>	Reference conformity to the BS for pedestrian guard railing.		Borough wide

Type	Requirements	Use Notes	Example	Comments
<b>Boundary Railings</b>	Low timber post knee rail as per standard detail HH.SD.300.001	For use around open spaces and grass verges where vehicle over-run is an issue		Borough Wide
<b>Standard Seat Style 1</b>	<p><b>Description</b></p> <p>A simple style metal seat with back (and optional arm rests), Black</p> <p>Also available in a bench form without back and armrests</p> <p><b>Dimensions (approx.):</b> 1800mm long</p> <p><b>Materials:</b> Mild steel and fully welded</p> <p><b>Fixing:</b> Legs to be root fixed or with concealed bolt ground fixing</p>	For use in areas of C, D and E areas		
<b>Standard Seat Style 2</b>	<p><b>Description</b></p> <p>A traditional style seat with 2 legs, back, armrests and simple decorative details.</p> <p>Painted black with timber slats</p> <p>Also available in a bench form without back and armrests</p> <p><b>Dimensions (approx.):</b> 1850mm long</p> <p><b>Materials:</b> Cast iron legs and supports, timber slats</p> <p><b>Fixing:</b> Legs to be root fixed or with concealed bolt ground fixing</p>	Distinctiveness' U, V, X, Y or Z and within 'Place status' A or B. Not suitable in areas with high potential for vandalism		
<b>Memorial Seating</b>	Engraved metal plaque fixed centrally to the back of the seat	All types of seating bench		Borough Wide
<b>Inset Covers</b>	To be used as alternative to utility covers (supplied by utility companies) and installed so that footway material used matches and provides a continuous pattern across the footway	Distinctiveness' U, V, X, Y or Z		'Area of Distinctiveness'
<b>Sign light</b>	<p><b>Product</b></p> <ul style="list-style-type: none"> <li>Externally illuminated LED lanterns</li> <li>LUA sign compliant with BSEN12899 Part 1 2007 for sign up to 600*600mm</li> <li>3x1watt for E2 UE2 and 6x1watt for E3 UE3</li> <li>CMS enabled</li> </ul>	Replacement of all new signs, requiring illumination, within the borough		Borough Wide (black)

Type	Requirements	Use Notes	Example	Comments
	<ul style="list-style-type: none"> <li>Use LUB for larger signs.</li> </ul> <p><b>Benefits</b></p> <ul style="list-style-type: none"> <li>Low energy sign reducing carbon footprint</li> <li>Up to 60% less power consumption</li> <li>Can be retrofitted to existing signs</li> <li>Low maintenance</li> <li>Lack of fluorescent lights means no need for mercury recycling</li> </ul>			
<b>Legible London – Way Finding Signs (Standard)</b>	<p><b>Description</b></p> <p>Finger post signs made of standard sign face mounted on steel post finished in Black or galvanized</p>	For use in Places A, B, C, (excluding main Town Centres)		Place A, B & C
<b>Legible London – Way Finding Signs (Main Town Centres)</b>	<p><b>Description</b></p> <p>Information board with details pictorial information identifying location on a map base.</p>	For use in Places A & B, predominantly Town Centres		Place A & B or Town Centres
<b>Shrub Planting</b>	Low maintenance native species with seasonal variety in their selection of local province where possible. Refer to paragraph 6.1.20 for detail of commonly used species.	All areas within the borough		Borough Wide
<b>Trees</b>	Tree species must be appropriate to the conditions and context of locality, taking historic or significant sightlines into account Areas of high quality to integrate tree root protection box space in the ground where available. Refer to paragraph 6.1.25 for detail of commonly used species.	All areas within the borough		Borough Wide
<b>Period Features</b>	To retain and repair historical street furniture in its original location	All areas within the borough		Borough Wide







## APPENDIX E: PALETTE OF BOROUGH MATERIALS


To be read in conjunction with Chapter 5 of the Hounslow Streetscene Design Guide

### Carriageway

Type	Requirements	Use Notes	Example	Comments
<b>UL-M</b>	6 – 14 mm aggregates laid between 18-50mm in thickness using polymer-modified binder to deliver a tough surface with excellent skid resistance	Surface course used in areas on Link 1, 2 & 3 and where required to match existing areas.		Used in Link 1,2 & 3
<b>Gripfibre</b>	Adaptable to different road types using continuous or gap-graded mixture in a high-performance thin overlay. Material is HAPAS Approved.	Surface course used in areas on Link 1, 2, 3, 4 & 5 and where required to match existing areas.		Used in Link 1,2, 3, 4 & 5
<b>Fibroviva</b>	Cater for application on a variety of substrates:- <ul style="list-style-type: none"> <li>• Excellent durability to rutting</li> <li>• Excellent skid resistance</li> <li>• Good noise reduction compared to HRA</li> <li>• Good workability</li> </ul>	Surface course used in areas on Link 4 & 5		Used in Link 4 & 5
<b>Surface Dressing</b>	<p>Surface Dressing can provide:</p> <ul style="list-style-type: none"> <li>• A reduction in traffic disruption due to the speed of the process</li> <li>• Supply of BBA/HAPAS approved binders</li> <li>• All works are carried out in accordance with national sector scheme 13A</li> <li>• can offer:</li> <li>• Several surface dressing types which are available to suit all site conditions, such as single, double, sandwich and racked in dressings</li> <li>• Sharing of knowledge and best practice through our membership of the Road Surface Treatments Association (RSTA)</li> <li>• Computer controlled spray jets to ensure that the correct amount of binder is applied to match the condition of the road</li> </ul>	Surface dressing is suitable for all classes of carriageways from minor roads to major roads and provides high skid resistance and waterproofing.		Used in 'Link' 1,2, 3, 4 & 5
<b>Anti-Skid (High Friction Surfacing)</b>	Available from two product groups both complying with Clause 924. Epoxy Resin Anti-Skid (two component resins, surface dressed with calcined bauxite aggregate) and Thermoplastic Anti-Skid (blended molten resins and calcined bauxite aggregates, hot screed applied).	Ant-skid surfacing is suitable for all classes of carriageways from minor roads to major roads and provides high skid resistance	 Black	Used in 'Link' 1,2, 3, 4 & 5
<b>Foambase</b>	Cold-mixed and cold-laid, Foambase re-uses asphalt planings, crushed concrete and other 'waste' materials in premium bituminous mixtures. These replace hot mix base and binder course materials with no	Surface course used in areas on Link 1, 2, 3 & 4 and where required to match existing areas		Used in Link 1,2, 3, 4 & 5




Type	Requirements	Use Notes	Example	Comments
	compromise in quality			
<b>EME2</b>	<p>EME2 (Enrobé à Module Élevé), is a very stiff and resilient base and binder course material that has now replaced HMB35 and which utilizes approximately 5.5% of a very hard 15/20 or 20/25 pen binder.</p> <p>Is now officially covered by a national standard in addition to its inclusion in the Specification for Highway Works.</p>	Binder Course used in areas on Link 1, 2 & 3		Used in 'Link' 1, 2 & 3
<b>HDM</b>	Heavy duty bitumen macadam materials complying with either the Specification for Highway Works or the MCHW and associated standards.	Binder Course used in areas on Link 1, 2 & 3		Used in 'Link' 1, 2 & 3
<b>Flexiplast</b>	<p>Benefits of the system include:</p> <ul style="list-style-type: none"> <li>A quicker process that reduces disruption and public inconvenience</li> <li>Savings on costs and aggregates due to smaller layer thicknesses</li> <li>Less energy and resource-intensive, so more sustainable</li> <li>A flexible solution for all road types from motorways to housing estates</li> </ul>	<p>Spray-applied bitumen binder provides a flexible membrane over the concrete. This crack inhibitor also seals the concrete base against water ingress and further damage.</p> <p>Gripfibre micro-surfacing forms a thick layer with the membrane to accommodate thermal movement within the concrete, protecting against deterioration of the road surface</p>		Used in Link 1,2, 3, 4 & 5
<b>Period Features</b>	To Retain Historical Surfacing	Assess and retain or repair historical surfacing where possible. If existing surface is not suitable for current use then retain material at store for future use elsewhere within borough		Maintain borough wide especially 'Links' through Areas of Distinctiveness

#### Footway

Type	Requirements	Use Notes	Example	Comments
<b>Hot Rolled Asphalt - HRA</b>	<p>Wearing Course</p> <p>6mm aggregate size</p>	To be used to match existing areas of tarmac / macadam paving or where other material are not appropriate.		Link & Place band 4 for footway, footway parking and crossover.
<b>Concrete modular paving 63mm thick, Grey (Natural)</b>	<p>400 x 400 x 50mm.</p> <p>Use 200*100*50mm concrete</p>			Link & Place Band 1, 2 and 3 (preferred)



Type	Requirements	Use Notes	Example	Comments
<ul style="list-style-type: none"> <li><b>New Standard</b></li> </ul>	<p>paving blocks to strengthen and demark area of footway for parking at identified sights</p>			
<b>Concrete Flag Paving 63mm thick, Grey (Natural)</b>	<p>600mm wide by 450/600/750 long 63mm</p> <p>Use of 200*100*63mm concrete paving blocks to strengthen and demark area of footway for parking at identified sights</p>	<p>The use of handling equipment should be used in the installation of the larger size units in accordance with current Health &amp; Safety legislation.</p>		<p>Link &amp; Place Band 1, 2, 3 &amp; Areas of Distinctiveness</p>
<b>Yorkstone Natural Stone Paving</b>	<p>Typically widths of 300, 450 and 600mm with thickness of 50, 63 &amp; 75mm min, may be specified in random length for aesthetic quality</p> <p><b>Conservations Areas (V)</b> – to be replaced with like for like during the maintenance/ reactive regime</p>	<p>Diamond sawn is the preferred finish for all streets. Where practical the Council will endeavour to retain all existing areas of Yorkstone.</p>		<p>‘Enhanced Areas’</p>
<b>Concrete Sett Paving</b>	<p>Typically 80mm thick laid using mixture of 240 and 160 gauge size blocks</p>	<p>'Traditional' coloured Tegula Paving may be used on integrated parking and raised entry treatments where the main pavement is in flags.</p>		<p>Entry treatments</p>
<b>Tactile Paving</b>	<p>400x400x65mm – Red, Buff, Grey (Conservation areas and areas of Heritage)</p>	<p>Typically Red blister paving used on controlled crossing points, Buff or natural may be used at other crossing points, e.g. in conservation areas</p>		<p>Band 1, 2, 3, 4 &amp; Areas of Distinctiveness</p>
<b>Granite Kerb (fine picked straight and radius)</b>	<p>150mm x 300mm</p> <p>300mm x 150mm</p>	<p>The use of handling equipment should be used in the installation of these kerbs in accordance with current Health &amp; Safety legislation.</p>		<p>Link &amp; Place band 1, 2, 3 and ‘Areas of Distinctiveness’</p>
<b>Concrete Kerb (Straight and radius)</b>	<p>As per standard detail HH.SD.1100.001</p> <p>Typically Bullnose kerb should be used for all locations.</p>	<p>The use of handling equipment should be used in the installation of these kerbs in accordance with current Health &amp; Safety legislation.</p>		<p>Link &amp; Place Band 4</p>

Type	Requirements	Use Notes	Example	Comments
<b>Grey Concrete Edging</b>	50mm x 150mm	Flat top edging should be used to retain the footway constructed against soft areas such as grass / landscaping.		Link & Place band 1, 2, 3 and 4
<b>Trief Kerbing</b>	<p>May be used where high levels of HGV overruns/ mounting onto footway occurs</p> <ul style="list-style-type: none"> <li>Granite / Granite Aggregates Finish to be used in Bands 1,2 &amp; 3</li> <li>Concrete Finish in Band 4</li> </ul>	Alternative options such as double height kerbs should be considered before opting for Trief kerbing		Link & Place band 1, 2, 3 and 4
<b>Period Features</b>	To Retain Historical footway Surfacing	Assess and retain or repair historical surfacing where possible. If existing surface is not suitable for current use then retain material at store for future use elsewhere within the borough		Maintain borough wide especially 'Links' through Areas of Distinctiveness



## APPENDIX F: STREETSCENE PRINCIPLE SIGN-OFF SHEET

The following checklist of Principles must be completed for Streetscene schemes in Excess of £500,000 (excluding those funded through the PFI Maintenance), developed externally, or presenting departure from the standards set out in the SDG. This is to demonstrate that consideration has been given to all 4 principles set out in the Streetscene Design guide. This sheet must be issued to the Streetscene Review Panel 4 weeks before the scheduled review meeting for the scheme.

<b>Project Name :</b>		<b>Project Manager:</b>		<b>Date:</b>	
<b>Principle</b>	<b>Definition</b>	<b>Consideration in project</b>	<b>Principle taken forward to design</b>		<b>If No, please justify</b>
			<b>Yes</b>	<b>No</b>	
<b>1</b>	<b>Streets must reflect their Function</b>				
1.1	Acknowledge the functions of the street ('Link' and 'Place') as a route for pedestrians, cyclists, and motor vehicles and a place where people live, work, go shopping and socialise.				
1.2	Ensure spaces are designed to accommodate requirements and priorities of all users and uses, taking into account different patterns of activity throughout the day, week, month or year.				
<b>2</b>	<b>Streets must be inclusive, safe, &amp; accessible</b>				
2.1	Ensure the differing needs of all groups of people in the Community are met including the elderly, children, those with disabilities, pedestrians, cyclists, and people with buggies, to ensure an inclusive environment that breaks down barriers and prevents exclusion.				
2.2	Implement both road safety and crime prevention measures to ensure the safety of all street users and where necessary carry out a street community safety of all street users and where necessary carry out a street community safety audit during day and night time. night				
<b>3</b>	<b>Streets must be attractive &amp; full of character</b>				
3.1	Review the cumulative impact of design decisions on the appearance of the street, taking into account the simplicity of the designs;				
3.2	Consider the context and character of the street and how it relates with the layout, architecture, planting, and surrounding views. (Refer to 'Place' and 'Area of Distinctiveness' definitions in Chapter 4);				
3.3	Consider all existing and proposed Streetscene furniture collectively to ensure they work well together and are compatible with their context. (Refer to 'Place' and 'Area of Distinctiveness' definitions in Chapter 4);				
3.4	Use materials, furniture and equipment in the Streetscene that are coordinated and approved within this guide.				
<b>4</b>	<b>Streets must be sustainably built &amp; maintained</b>				
4.1	Review all Streetscene components to ensure they perform to relevant technical criteria such as skid resistance or design life.				
4.2	Consider the quality of the street design detailing, implementation and workmanship. Quality does not necessarily equal cost.				
4.3	Consider the whole life costing of all specified materials and street furniture to maximize robustness but minimise the maintenance liability.				
4.4	Consider the six critical sustainability themes <sup>29</sup> – energy, waste, water, transport, green infrastructure and public space in all street design projects.				
4.5	Consider innovative design solutions in the Streetscene by reviewing new products and technology.				
<b>Authorisation</b>					
<b>LBH Representative</b>		<b>Service Provider Representative</b>		<b>OpCo Representative</b>	
<b>Name:</b>		<b>Name:</b>		<b>Name:</b>	
<b>Date:</b>		<b>Date:</b>		<b>Date:</b>	
<b>Signature:</b>		<b>Signature:</b>		<b>Signature:</b>	

## APPENDIX G: PLACE LEVEL DEFINING RULES

London Borough of Hounslow: Default Place Categories				
[Subject to refinement based on local knowledge]				
Theme	Feature		Place status	Comments
Education	Primary School	D	Neighbourhood	Likely to serve residents in local neighborhoods
	Secondary School	C	Area	Likely to serve residents of the local area.
	Further Education Establishment	B	Borough	Likely to serve people from across the Borough
	Special Schools	B	Borough	Likely to serve people from across the Borough
Medical	Hospitals	B	Borough	
	General Practice Surgeries	D	Neighbourhood	
Places of Worship	Christian	D	Neighbourhood	80 in Borough, so more for neighborhoods.
	Hindu	C	Area	2 in Borough, so will draw visitors from larger area
	Jewish	C	Area	1 in Borough, so will draw visitors from larger area
	Muslim	C	Area	5 in Borough, so will draw visitors from larger area
	Sikh	C	Area	2 in Borough, so will draw visitors from larger area
Libraries	All	C	Area	11 in Borough so serve area
Courts	Crown	B	Borough	Likely only 1 in Borough so serves whole Borough.
	Others	?	No information	Unknown how many Magistrates or Civil courts in Borough
Parks	Historic Parks & Gardens	A	Regional	Includes Syon, Osterley and Gunnersbury Parks
	Others	D	Neighbourhood	
Travel	Train Stations	D	Neighbourhood	Generally serve local neighbourhood areas only
	Hounslow Central Tube station	C	Area	Serves wider Hounslow Community
Sports & Leisure	Gyms	*	Local knowledge required	Likely to be C or D depending on number and local knowledge of use.
	Swimming Pools	*	Local knowledge required	
	Sports centres	*	Local knowledge required	
Retail	Centre type		Primary frontage	Secondary frontage
	Metropolitan/regional		A	B
	Major		B	C
	District		C	D
	Major Neighbourhood		C	D
	Minor Neighbourhood			D
	Local Parade			D
Cinemas & Theatres		?	No information	To be located and discussed.
River Frontage		A-C	Regional to Area	Further discussion required to identify key frontages
Employment		A-D	Regional to Neighbourhood	Further identification of sites and discussion required.

## APPENDIX H: AREAS OF DISTINCTIVENESS

---



