

Hard Landscape Specification

Central Brent Riverside Park, Brent Cross Cricklewood

Document reference 1065-03-SP-03

Issued for and on behalf of

Brent Cross Cricklewood Development Partners

Revision	Description	Issued By	Date
-	Phase 1 AN RMA Submission	IG	07.11.2014
A	Title amended	GJ	28.11.2014
B	Phase 1 AN RMA Submission	GJ	18.05.2015
C	Phase 1 AN RMA Submission	GJ	26.05.2015

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Note:

- a. The following Specification is based on the landscape drawings: 1065-03-003 to 006 and Central Brent Riverside Park Design Development Report, reference 1065-03-G517
- b. Refer to the Specification for Soft and Base Landscape Works for Soils and Planting information

Ref	Item	Substrate	Description	Appearance/Finish	Notes
1.0 STRUCTURES					
1.1	Gabion/Reinforced soil structure.	Foundation, drawing and specification to Structural Engineers detail.	Galvanised Textomur or similar equal and approved, gabion/reinforced soil system. Faced with hand laid coursed re-cycled stone.	Recycled stone to match London clay glacial gravel in colour.	
2.0 GROUNDWORKS					
2.1	Land drains to soft landscape areas	Connections to surface water drainage system to Civil Engineers Specification	Land drainage pipes 75mm diameter		Extent of drainage to be determined at post detailed planning consent.
2.2	Drainage to tree pits	Connections to surface water drainage system to Civil Engineers Specification	Land drainage pipes 75mm diameter		Extent of drainage to be determined at post detailed planning consent.
3.0 WALLS					
3.1	Type 1 - Concrete walls to the edge of river corridor	Foundation, drawing and specification to Structural Engineers detail.	Exposed sections of concrete walls to the river corridor to be cast with a RECKLI® finish.	Textured Reckli finish.	
3.2	Type 2 - Concrete walls to the threshold spaces	Foundation, drawing and specification to Structural Engineers detail.	In sections the standard RECKLI finish will be enhanced using RECKLI® Photo-Engraving Formliners or similar equal and approved method. To create photo-imagery at the key threshold spaces	RECKLI® Photo-Engraving Formliners	
3.3	Type 3 - Concrete walls to the 1:5 year flood level and base for seating elements.	Foundation, drawing and specification to Structural Engineers detail.	Where necessary the 1:5 year floodwall will retain the 6m wide access path along the northern length of the riverbank. In sections the wall will be exposed. In these locations the wall will be have a combination of vertical smooth and textured panels. This low wall will also be used as the base		

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3.3	WALLS ... cont/		of the long seating elements within the river corridor.		
3.4	Weldmesh Panels	Foundation, drawing and specification to Structural Engineers detail.	Weldmesh panel for climbing plants	Galvanised	
4.0 STAIRS AND RAMPS					
4.1	Steps and cycle ramps link from the river corridor	Foundation, drawing and specification to Structural Engineers detail.	<p>Steps to be formed with Pre Cast Concrete Conservation units.</p> <p>With inlaid contrasting bands on the riser and treads.</p> <p>Cycle ramps to be formed with Pre Cast Concrete Conservation units, without the contrasting bands.</p>	Textured Conservation Silver Grey unit with black contrasting bands	
5.0 EDGES					
5.1	Timber edging		<p>Pressure treated softwood to be used to form the path edges.</p> <p>Square pressure treated softwood post at all joints and changes in direction.</p>	All timber to be pressure treated, sawn and planed.	
6.0 SURFACE FINISHES					
6.1	In situ concrete	Sub-base and reinforcement to Structural Engineers detail and specification.	In situ concrete with exposed aggregate finish.	<p>Recycled aggregate to be used to match London clay glacial gravel.</p> <p>Concrete to have a light broom texture - EN standard 51130 – R10.</p>	Final aggregate selection and finish subject to sample panel approval by the LPA.
6.2	Concrete surface to the threshold spaces	Sub-base and reinforcement to	At the threshold spaces the insitu concrete finish will be enhanced using RECKLI®	RECKLI® Photo-Engraving Formliners or similar equal and	

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		Structural Engineers detail and specification.	Photo-Engraving Formliners or similar equal and approved method. To create photo-imagery within the concrete finish.	approved.	
7.0 FURNTIURE					
7.1	Seat/Bench Type 1	Foundation to Engineers detail and specification	Seat top to be tropical hardwood slats fixed to low concrete wall. Low concrete wall specified above in section 3.3 Wall Type 3.	All timber to be sawn and planed.	All tropical hardwood to be FSC certified with a full chain of custody.
7.2	Litter Bin	Foundation to Engineers detail and specification	Broxap's Bespoke Litterbin Dimensions: 740mm high x 368mm diameter Complete with 50ltr Aluminium Liner Drainage holes to be drilled in the bins (not liners) Front Door Opening Aperture Shape: Rectangular Logo: Vinyl Litter Logo. Positioned under aperture	Finish: Powder Galv Prime, Polyester Powder Coated Colour: RAL 9007	
8.0 PIPED SUPPLY SYSTEM					
8.1	Manual Irrigation points	Break tank to M&E Engineers specification.	Located at 25m radii distances (2 points no more than 50m apart).		
9.0 ECOLOGICAL ENHANCEMENTS					
9.1	Type 1 - Bird Boxes	To manufacturers guidance.	Schwegler 1SP Sparrow Terraces' Nest Boxes' should be erected c.4-6m above ground level on each bridge structures.		Type 1 and Type 2 boxes to be erected in pairs, per bridge.
9.2	Type 2 - Bird Boxes	To manufacturers guidance.	'Schwegler 3S Starling Nest Boxes' should be erected c.4-6m above ground level on each bridge structures.		Type 1 and Type 2 boxes to be erected in pairs, per bridge.
9.3	Type 3 – Bird Boxes/Tubes	To manufacturers guidance.	Provision will be made along the proposed vertical walls in the river corridor, for nesting opportunities for kingfisher Alcedo atthis and sand martin Riparia riparia. 'Schwegler Kingfisher and Sand Martin Nest		Final location to be confirmed by Ecologist and detailed design stage.

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			Tunnels' can be included in the bridge or vertical wall designs to house these species. Sand martins nest in small colonies, so a number of holes can be provided (up to 20).		
9.4	Type 4 – Common Bird boxes	To manufacturers guidance.	'1B Schwegler Nest Boxes' should be included on the Site. 9.4		Final location to be confirmed by Ecologist and detailed design stage.
9.5	Bat boxes	To manufacturers guidance.	2no. 'Schwegler 1FFH Bat Box' and 2no 'Schwegler Bat Roost 1FQ' should be erected. These will be placed in south-west to south-east aspects, at a height of 4m or greater upon bridges 3 and 6 (one of each type on each bridge), adjacent to the river corridor and away from direct lighting on the far bridge wall (on the far bank without public access), as high as possible to avoid flooding and vandalism but still on the main back wall.		
9.6	Bug Hotels / Dead Wood Habitat Piles		Any dead wood from tree work on the Site (unless diseased) should be used to create small log piles to provide habitat for invertebrates within the newly created shrub and tree planting. These and specially built 'bug homes' can also be included in areas where there is no public access, ideally adjacent to wildflower habitats.		
10.0 LIGHTING					
10.1	Column luminaries	To M&E Engineers specification.	Column lights to be located along the principal route, with all luminaries above the 1:100 year flood level.		All lighting subject to a separate lighting design and submission.
10.2	Down lights	To M&E Engineers specification.	Down lights to be incorporated into the areas under the bridge. To provide sufficient lux levels for safe pedestrian use. all luminaries above the 1:100 year flood level.		All lighting subject to a separate lighting design and submission.