

8167 West Hampstead Square – Materials Schedule

Tender – June 2014

PART 1 - HARD LANDSCAPE MATERIALS

Ref.	Materials / Item	Supplier / Reference	Colour	Finish	Size (mm)	Location / Comments
Paving P Series						
Type P1 Porphyry paving						
Type P1-1	Porphyry	Marshalls / Miller Druck Or equal approved	Multi (brown, plum, grey)	Sawn sides, riven top	100mm coursing x 150/250/350mm lengths 60-80mm thickness 7mm joints	Town Square, Access Way, block entrances
Type P1-2	Porphyry	Miller Druck Or equal approved	Multi (brown, plum, grey)	Sawn sides, riven top	250mm coursing x 150/250/350mm lengths 60-80mm thickness 7mm joints	Town Square, Access Way, block entrances
Type P2 Limestone paving						
Type P2-1	Jura Limestone	Marshalls / Miller Druck Or equal approved	Beige	Flamed	900 x 450mm 80mm thickness 7mm joints	Town Square – flush banding
Type P2-2	Jura Limestone	Miller Druck Or equal approved	Beige	Flamed	450 x approx 450mm (Radius cuts to tree grilles) 80mm thickness 7mm joints	Town Square – surrounds to tree grilles
Type P2-3	Jura Limestone	Miller Druck Or equal approved	Beige	Flamed	2000 x approx 1000mm 80mm thickness 7mm joints	Building Entrance bridges
Type P3 Yorkstone paving						
Type P3-1	Yorkstone	To match Camden Council specification	Scoutmoor	Sawn	900 x 600mm 65mm thickness 7mm joints	West End Lane Highway and crossover
Type P3-2	Yorkstone	To match Camden Council specification	Scoutmoor	Sawn	200 x 100mm setts 65mm thickness 7mm joints	West End Lane Highway and crossover
Type P3-3	Yorkstone blister paving	To match Camden Council specification	Scoutmoor		400 x 400 65mm thickness 7mm joints	West End Lane crossover
Type P4 Brick Pavers						

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Type P4-1	Septima clay pavers	Vande Moortel Or equal approved	sepia		215 x 52 x 70mm Laid on sand bedding on edge in stackbond with 2mm brushed sand joints	Podium garden – pergola path
Type P5 Granite paving						
Type P5-3	Granite paving	Marshalls Or equal approved	Mid Grey	Sawn sides, flamed top	250 x 250/350/500mm 50mm thickness	Private garden terraces
Type P5-4	Granite setts	To match Camden Council specification	Silver grey	Fine picked	100 x 100 x 200mm 12mm joints	West End Lane footway crossover
Type P5-5	Granite paving	Marshalls or equal approved	Black	Sawn sides, flamed top	150x450x80mm	Access Road
Type P6 Corten paving						
Type P6-1	Corten steel paving	TBC	Pre-weathered	Oxidized	1800x300mm 9mm thickness	Office entrance bridge paving
Type P7 Woodchip						
Type P7-1	Woodchip	TBC	Natural	Natural	100% recycled amenity bark mulch (10-60mm) 150mm depth	Trim trail and Ecology Garden
Type P8 Concrete block paving						
Type 8-1	Concrete block paving	Marshalls Metrolinia Or equal approved	City silver grey (40%), City charcoal grey (60%)		Mixed coursing; 130 x 320/400/480mm 160 x 320/400/480mm	Access Way
Type P9 Asphalt						
Type 9-1	Asphalt		Hot rolled asphalt & clear coated granite chippings			Courtyard Garden
Type P10 Self-binding gravel						
Type P10-1	Self-binding gravel	CED Natural Stone or equal approved	CEDEC Golden footpath gravel	compacted	6mm to dust	Trim trail/access route

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Kerb K Series						
Type K1 granite kerb and edgings						
Type K1-1	Upstand granite kerb	To match Camden Council specification	Silver grey	Camden Council to confirm	300mm(W) x 255mm (H) x 900mm (L) 125mm upstand, 7mm joints	West End Lane public highway
Type K1-1A	Upstand granite kerb	To match Camden Council specification	Silver grey	Camden Council to confirm	300mm(W) x 255mm (H) x radius as required, 125mm upstand, 7mm joints	West End Lane public highway
Type K1-2	Flush granite kerb	To match Camden Council specification	Silver grey	Camden Council to confirm	150mm (W) x 255mm (H) x 900mm (L) 7mm joints	West End Lane public highway crossover
Type K1-3	Upstand granite kerb	Marshalls Or equal approved	Black	Flamed top and front face	150mm (W) x 255mm (H) x 900mm (L) 100mm upstand 7mm joints	Access Way and Courtyard Garden
Type K1-4	150mm wide flush granite kerb	Marshalls Or equal approved	Black	Flamed 150mm top surface	150mm (W) x 255mm (H) x 900mm (L) 7mm joints	Access Way and Building Entrances
Type K2-1	Steel retaining edge	Everedge B2 'classic'	/	Galvanised	1000mm lengths x 100mm (H) x 1.6mm	Edging to woodchip, gravel and clay paving
Furniture F Series						
Furniture						
Type F1	Jura Limestone bench with hard wood seat	Miller Druck Or equal approved	Beige	Flamed	450 x 450 x 2000mm	Town Square All framing , fixings and bolts to be powder coated steel Hardwood slats to be FSC certified
Type F2	Semi-circular Jura Limestone bench with hard wood seat	Miller Druck Or equal approved	Beige	Flamed	450 x 450 x 3300mm external diameter	Town Square All framing , fixings and bolts to be powder coated steel Hardwood slats to be FSC certified
Type F3	Corten steel clock tower	Blueton Ltd Or equal approved	Corten steel	Oxidized and varnished	1450 x 900 x 6500mm	Town Square Corten box section structure with illuminated cast glass lettering/clockface

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Type F4	Geo Wide Hoop Bicycle stand	Woodhouse Or equal approved	Stainless Steel	Brushed and bead blasted S/S grade 316	850mm (H) x 600mm (W)	Town Square Code: GE-CS-00004 Root fix
Type F5	Morella litter and cigarette bin	Woodhouse / Escofet Or equal approved	Corten Steel	Oxidized and varnished	750mm (H) x 530mm (W)	Town Square Code: ES-LB0005 Root fix
Type F6-1	Carmel Circular Tree grilles	Woodhouse / Escofet Or equal approved	Black	Powder coated	1350mm (External Dia) 635mm (Internal Dia)	Town Square
Type F6-2	Recessed utilities cover	Surespan or equal approved	Mild steel	Galvanised	Dimensions vary	Throughout hard paving as required
Type F7	Stainless Steel studs for parking bay delineation	Kent Stainess Ltd Or equal approved	Stainless Steel	Non-slip finish	150mm(Dia)15mm dome	Courtyard Garden
Type F8-1	Habitat tower structure	Blueton Ltd Or equal approved	Galvanised Steel	Oxidized and varnished	1450mm (W) x 5860mm (H) x 1200mm (D)	Courtyard Garden Final details subject to design development
Type F8-2	Habitat tower panels	TBC (specialist provider)		Timber, brickwork and ceramic	As shown on drawings	Courtyard Garden Final details subject to design development
Type F9	Hardwood bench	Woodscape or equal approved	Natural timber	Planed	As shown on drawings	Woodland gardens
Play features + equipment PF Series						
Furniture						
Type PF2	Outdoor gym equipment	1No. Step Bench (ref 11.01300) 1No. Arm Game (ref 11.01400) 1No. Marbles Table (ref 11.01500) 1No. Weight Pillar (ref. 11.01700) All Timberplay/Richter Spielgerate or equal approved	Natural timber	Planed		Trim trail

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Type PF3	Timber play blocks	Grass Roots Play or equal approved	Bark stripped Oak	unfinished	500mm Height above ground, 500mm diameter	Gardens generally Natural timber blocks as seating/play equipment
Type PF4	Timber logs + tree parts	TBC	Natural timber	Natural	<p>2No. Large oak trunk with branches, bark stripped, length 7m. min., trunk diameter 700mm min.</p> <p>2No. Medium oak trunk with branches, bark stripped, length 4m. min., trunk width 500mm min.</p> <p>14No. Oak logs, bark stripped, length 2m. min, diameter 200mm min</p>	Woodland gardens Large oak trunks as play equipment, oak logs used in conjunction with trunks to create plat shelters.
Watering Points WP Series						
Watering points						
Type WP1	Watering point	Waterscapes or equal approved	tbc	tbc	-	Watering points for manual irrigation of all planted areas. 5No. manual watering points at strategic positions around the site (tbc). Each hydrant will terminate in an isolation valve, flow limiting valve and a Geka type quick coupler fitting buried within a 10" round valve chamber.
Enclosure E Series						
Enclosure						
Type E3	Granite faced retaining wall/seat	Marshalls Or equal approved	To match paving type P5-3	Sawn sides, flamed top	As shown on drawings	Podium gardens
Type E7-1	Timber pergola with biodiversity roof	TBC			As shown on drawings	Podium gardens
Type E7-2	Timber pergola	TBC			As shown on drawings	Podium gardens
Type E4	Metal railings and gates	Littlehampton Welding Ltd	TBC	Powder coated	As shown on drawings	Block G Community Garden, entrance to Ecology Garden and between Woodland Gardens Latch and key locks required

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						Supplier to provide fabrication drawings for approval
Type E5	Upstand concrete retaining walls	In-situ construction	grey	Fair-faced	As shown on drawings	Block G Community Garden planters
Type E6-1	FSC certified hardwood fence	TBC	Natural timber	planed	1100mm height	Private garden dividers
Type E6-2	FSC certified softwood fence	TBC	Natural timber	planed	1800mm height	Private garden dividers
Lighting L Series						
Lighting						
Type L1	In-ground LED lighting	Bega Product code: 7828 75mm dia inground recessed luminaire	/	/	75mm dia	Town Square Located within P2-1 limestone bands
Type L2	Uplighter to trees	We-ef Product code: ETC130-ASC Or equal approved	Stainless steel		35W 250mm dia 265mm depth	Within planting adjacent entrances to Blocks
Type L3	Light Brick integrated within acoustic fence panels	Bega Product code: 6061				To perimeter site boundary fence Code: Light Brick - 3648
Type L4	Feature light mast Quintuple semi-radial light column	Olivio Floracion				Multi-head light column to Courtyard Garden
Type L5	Illuminated bollard	Bega Product code: 8554	Graphite			Ground level gardens and Block G
Type L6	Spike Lights – forming accent lighting within gardens	Bega Product code: 7317 Floodlight with earth spike	Graphite			Ground level gardens.

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PART 2 – HARD LANDSCAPE SPECIFICATION NOTES

Hard Landscape Specification Notes
<p>Quality: All works are to be carried out by appropriately qualified and experienced persons to enable a very high standard of overall quality to be achieved to the landscape works</p>
<p>Paving: The paving materials are specified in the Hard Landscape Materials Schedule. The landscape proposals use a limited range of paving materials and unit sizes. This is designed to retain simplicity and unity throughout the scheme. Unit sizes are to be as specified.</p> <p>All paving supply is to conform to the following: All paving units to be in strict accordance with the materials schedule Any paving unit that is damaged is to be replaced Any paving unit that is flawed with spalled edges, chips, hairline cracks, surface defect or other defect shall be replaced All paving to be submitted for approval prior to bulk delivery</p> <p>Construction The design of all construction make-up for paving is to Engineer's detail</p> <p>Loadings All areas of paving are to be constructed for vehicular loading</p> <p>Workmanship The Contractor is to ensure that the highest standards of quality are maintained throughout the works in relation to all aspects of workmanship</p>
<p>Shop drawings – Paving: The Contractor will be required to provide shop drawings for all paving / kerbs / upstands and other stone elements for approval by the Landscape Architect and Engineer</p>
<p>Shop drawings – Landscape Furniture: The Contractor will be required to provide shop drawings for all landscape furniture elements for approval by the Landscape and Engineer</p>
<p>Shop drawings – Railings / Balustrades / Fencing / Pergola / Furniture : The Contractor will be required to provide shop drawings for all railings / balustrades / metal work / fences / pergolas / furniture / play equipment for approval by the Landscape Architect and Engineer</p>
<p>Stone supply: All stone units shall be to sizes specified in the schedule +/-2mm</p>
<p>Control samples: The Contractor shall allow for sample panels to be constructed, separate from the works, for the approval by the Landscape Architect or Client. Sample panels shall be fully representative of the actual works, include examples of each element of the works and shall be of a minimum 15sqm</p>
<p>Control samples – jointing mortar The Contractor shall allow for samples of jointing mortar to be prepared for approval. Mortar shall be mid grey to areas of granite setts paving and edging and light grey to areas of limestone paving and pre cast concrete cladding and seat tops</p>
<p>Laying of paving – construction and workmanship All natural stone paving to be rigid construction with Steintec (or equal approved) mortar jointing and bedding system Steintec (78 London Road, West Thurrock, Grays, Essex, RM20 3LU, 01708 860049, info@steintec.co.uk)</p>

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Expansion joints shall be provided in accordance with Engineer's detail / manufacturer's recommendations in large areas of paving and / or at specific locations requiring flexibility

Jointing sizes are to be 7mm in areas of porphyry, granite and limestone paving

Jointing sizes are to be 12mm in areas of granite setts paving

Jointing sizes are to 7mm to all kerbs and edgings

Level tolerance at junctions in paving units to pedestrian areas shall be 2mm maximum

No paving unit is to be cut and installed less than 1/3 of its original size

All cutting by masonry saw without spalling to give neat, consistent and accurate junctions

Movement / expansion joints shall be of colour to match adjacent paving finishes