



## Materials Key Surfacing

NOTE: Key item descriptions are for information purposes only and to be read in conjunction with CLA Landscape Specification

- 1. Permeable Clay Block Paving Q24/124A.**  
Permeable clay modular paving  
Supplier: Blockleys (01952 251933)  
Product ref: Hydrosmart  
Unit size: 210 x 105 x 65mm  
Colour: Hadley Red Brindle  
Bond: 90° herringbone
- 2. Clay Block Paving Q24/121.**  
Clay modular paving  
Supplier: Blockleys (01952 251933)  
Product ref: Tri-Pave Clay paving  
Unit size: 205mm x 68mm x 65mm  
Colour: Hadley Red Brindle  
Bond: 90° herringbone
- 2a. Paving to Architects Specification**
- 3. Stone Slab Paving Q25/310A.**  
Locally sourced sandstone  
Supplier: Black Mountain Quarries (01981 241 541)  
Product ref: Callow sandstone  
Colour: Pink/Red  
Bond: Stretcher bond, random length
- 4. Standard Tarmac (vehicle)**  
Suitable for HGV use  
Refer to structural engineer's specification
- 5. Tar Spray and Chip (pedestrian) Q22/365A.**  
Suitable for pedestrian footpaths  
Leochip cold-applied paving is laid at a depth of 20mm on 60mm binder course  
Supplier: Colas (01925 632616)  
Product ref: Leochip VLS  
Size: 6/10mm angular chippings  
Colour: TBC
- 6. Self Binding gravel Q23/110A+B.**  
Crushed limestone aggregate. Laid to supplier's specifications. Finished compacted depth 50mm.  
Supplier: Breedon Special Aggregates (01332 694 001)  
Product ref: Breedon Golden Amber Gravel  
Colour: Golden Amber  
Grade: 12mm to fines
- 7. Precast Concrete Pin Kerb Q10/110C.**  
Flat top 150 x 150 x 780mm
- 7a. Clay Block Flush Kerb Edging Q10/130A.**  
125 x 100 x 100mm; approx 20mm high
- 7b. Precast Concrete Road Kerb Q10/110A+B.**  
Radius sections as required. Open joints where drainage into swales/land drains required
- 7c. Clay Dish channel unit Q10/130B.**  
200 x 100 x 65mm
- 8. Timber Edging Q22/210.**  
Tanalised timber softwood edging  
Size: 25 x 150mm
- 9. Aluminum Edging Q10/200A.**  
Supplier: Greenleaf (01424717797)  
Product ref: AE.100/M aluminum edge. 100mm upstand.  
Mill finish. Fixed to sub base to manufacturer's specifications
- 10. Masonry retaining wall with engineering brick coping F10/110**
- 10a. Block Retaining Wall**
- 11. Timber Retaining Wall Q50/390**  
Height: varies  
Material: Untreated FSC English oak sleepers
- 11a. Timber Bench Q50/225A**  
Norfolk bench with armrests by Wales and Wales
- 11b. Timber Bench Q50/225B**  
Chico bench with armrests by Wales and Wales
- 11c. Timber Seat, Curved Q50/220B**  
FSC English/European Oak
- 11d. Timber Tree Seat Q50/220A**
- 11e. Timber Step**  
150mm high, untreated FSC English Oak Sleeper laid on sub-base with concealed timber stake fixing
- 12. Timber bridge/boardwalk Q55/120A**
- 13. Timber deck onto terrace Q55/115**
- 14. Steps Q24/124A**  
Clay block to match - Allow for tactile warning stripes
- 15. Omitted**
- 17. Rainwater trough Q50/350**  
Bespoke PC concrete elements
- 18. Cycle Racks Q50/210**
- 18a. Cycle Shelter - See Architects details**
- 19. Water feature to Bereavement Garden F21/110**  
Bespoke stone element
- 20. Attenuating pond**
- 21. Stone cascades/terraces/check dams Q50/351**  
Formed from various sized roughly rectangular stone pieces  
Supplier: Black Mountain Quarries (01981 241 541)  
Size: rectangular stone boulders 1-2 tonnes  
Colour: Callow redstone
- 22. Swale - grass lined Q30/311A**
- 22a. Swale - stone lined Q27/160A or 160B**  
Swale lined with loose stone base on waterproof liner
- 23. Reinforced in-situ concrete retaining wall**  
Effective height varies
- 24. Slope Reinforcement D41/330A**  
Terram Geocell and planting to maintain/improve stability of existing slope

## Fencing and Balustrades

- 25. 2m high timber close boarded fence + gate Q40/310+510**  
Gates to match
- 25a. 2m high horizontal timber board fence Q40/310B**  
50 x 50mm softwood timber fence
- 25b. 1.2m high wooden post and rail fencing Q40/210**  
Gates to match
- 26. Timber screen - open louvre Q50/395**  
Bespoke element
- 27. Handrails**  
To match Archtype details throughout
- 28. Balustrade**  
To match Archtype details throughout
- 29. Stock Proof Fence**  
To newly hedged site boundaries

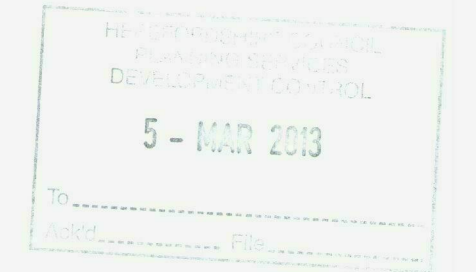
## Planting

Generally refer to planting drawings 900-920

- 30. Semi-mature tree planting Q31/505**  
30-35cm girth specimens each planted in 1000x1000x450mm tree pit with site topsoil incorporating 150mm PAS 100 compost cultivated to the full depth. Allow 50mm PAS100 recycled compost mulch. Allow for 200mm free draining washed sand to base of pit.
- 30a. Extra Heavy Standard tree planting Q31/505**  
14-16cm girth specimens each planted in 750x750x450mm tree pit with site topsoil incorporating 150mm PAS 100 compost cultivated to the full depth. Allow 50mm PAS100 recycled compost mulch.
- 30b. Orchard Trees Q31/505**  
Vintage/local fruit trees planted in 450mm deep site topsoil incorporating 70mm PAS 100 compost cultivated to the full depth. Allow 50mm PAS 100 compost mulch
- 31. Shrub planting / herbaceous Q31**  
In 350mm of site topsoil, incorporating 70mm PAS 100 compost cultivated to a total depth of 420mm. Allow 50mm PAS100 recycled compost mulch
- 32. Climbers Q31**  
In 350mm of site topsoil, incorporating 70mm PAS 100 compost cultivated to a total depth of 420mm. Allow 50mm PAS100 recycled compost mulch
- 33. Ornamental planting Q31**  
In 350mm of site topsoil, incorporating 70mm PAS 100 compost cultivated to a total depth of 420mm. Allow 50mm PAS100 recycled compost mulch
- 34. Lawn Q30/311+226A**  
Armeny grass seeding on min 150mm site topsoil, incorporating 50mm PAS 100 compost cultivated to full depth.
- 34a. Reinforced Grass Q30/361A**  
Lindum Lokturf or similar
- 35. Floral lawn Q30/312+226A**
- 35a. Orchard pollen/nectar meadow Q30/312B+226A**
- 36. Native wild flower meadow Q30/312A+226A**  
Native wild flower meadow for top field Q30/226B+312A
- 37. Swale grass planting Q30/311A+226A**  
Sowing rate: 5g per sqm.
- 38. Native marginal planting around pond Q31**
- 39. Hedge Planting Q30/312C & Q31/375A**

## Walls, Decks and Drainage

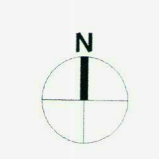
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## Churchman landscape architects

DO NOT SCALE DRAWINGS. ALL DIMENSIONS TO BE CHECKED ON SITE. ERRORS TO BE REPORTED IMMEDIATELY TO LANDSCAPE ARCHITECT.  
TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, SERVICES AND ENGINEERS DRAWINGS.

Ref	Date	Revision
C1	27.02.2013	Amendments for construction issue as clouded
C2	01.03.2013	Cycle parking reorientated, paving added, plant bed omitted



## Construction

Job stage **Stage J-K**

Title	Materials Plan 2/4	Dwg No	327/ 105	Phelps House	17 Heath Road
Ref		C2		Twickenham	Middlesex TW1 4AW
Project	St Michael's Hospice	Scale	1:250 @A1	t:	+44(0)20 8891 0007
Client	St Michael's Hospice Trust	Date	11.01.11	f:	+44(0)20 8892 0905
				e:	mail@churchmanla.co.uk
				w:	www.churchmanla.co.uk