



KEY:

- SITE BOUNDARY
- EXISTING TREES TO BE REMOVED  
Refer to Tree Retention & Removals Plan BD 0112 DD 005.
- PROPOSED TREE PLANTING  
Refer to Soft Landscape Layout Plan BD 0112 DD 003
- SOFT LANDSCAPE PLANTING  
Refer to Soft Landscape Layout Plan BD 0112 DD 003

WALLS, FENCES AND GATES (refer to Q40)

- EW1: EXISTING BOUNDARY BRICK WALLS  
Existing boundary walls to be retained with sections removed where indicated
- RW1: LOW BRICK WALLS TO AMENITY SPACE  
37.2 lin.m brick wall to create seating height approx. 450mm height with finished top of wall level 22.700 (nominal 450mm height). Brick on edge to top of wall. Salvaged bricks to be reused if possible or new bricks to match existing
- RW2: REALIGNMENT OF EXISTING BRICK BOUNDARY WALL  
Brick walls to be built using salvaged bricks to allow for 24 hour UKPN access, 1.1m length at 2.3m height and 1.6m length at 2.35m height to match and tie in to existing retained walls (heights to be confirmed)
- RW3: LOW BRICK WALL WITH TIMBER FIN FENCE  
21.8 lin.m 215mm wide brick wall. Top of wall level 22.550 (nominal 600mm high) to be built with salvaged bricks or new bricks to match existing. Brick on edge to top of wall. Construction detail and foundations to engineer's detail and specification.
- RW4: LOW BRICK WALL WITH TIMBER FIN FENCE  
7.5 lin.m 215mm wide brick wall. Top of wall level 22.550 (nominal 870mm high) to be built with salvaged bricks or new bricks to match existing. Brick on edge to top of wall. Construction detail and foundations to engineer's detail and specification.
- RW5: RETAINING WALL  
1.5m high retaining wall. Top of wall level 22.700 Construction detail and foundations to engineer's detail and specification.
- TF1: TIMBER FIN FENCE  
1200mm height timber fin fence comprising 1000mm high x 200mm wide x 38mm thick planed western red cedar fins at 95mm spacing fixed to galvanised steel fixings and base plated fixed to top of wall with vandal resistant bolt fixings. Supplier: Woodscape Ltd (or equal and approved); Q40 411
- TF2: TIMBER FIN FENCE  
1800mm height timber fin fence comprising 1700mm high x 200mm wide x 38mm thick planed western red cedar fins at 95mm spacing fixed to galvanised steel fixings and base plated fixed to top of wall with vandal resistant bolt fixings. Supplier: Woodscape Ltd (or equal and approved); Q40 412
- R1: RAILINGS  
465mm wide x 2.3m high vertical pale railings. Galvanised steel with powder coated finish colour black. Lock type to be confirmed. Supplier: Jacksons Fencing (or equal and approved); Q40 220  
Note: Railings to be manufactured to allow for District Heating Pipe to feed through - dimensions to be confirmed by M&E Engineer
- AG1: ENTRANCE AND SINGLE ACCESS GATE TO TAVITON STREET ENTRANCE  
To architect's detail and specification - to match style of entrances of the wider scheme. Gate to include mortice latch lock, accessory set, electric strike and push/pull ironmongery. Lock cylinder to be supplied by UCL Security. Q40 560
- AG2: SINGLE ACCESS GATE  
2m high vertical pale single leaf access gate and posts. Galvanised steel with powder coated finish colour black. Lock type to be confirmed with card reader for Campbell House residents' access only. Push/pull ironmongery required. Supplier: Jacksons Fencing (or equal and approved); Q40 561
- AG3: SINGLE ACCESS GATE  
1.8m high single leaf access gate with 900mm clear opening to match timber fin fencing. Supplier: Woodscape Ltd (or equal and approved); Q40 570
- AG5: SINGLE ACCESS GATE FOR UKPN 24 HR ACCESS  
2.2m high vertical pale single leaf access gate and posts. Galvanised steel with powder coated finish colour black. Supplier: Jacksons Fencing (or equal and approved); Q40 563

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SURFACE FINISHES & EDGINGS

- EXISTING CONCRETE SURFACE TO BE RETAINED
- HEEUGUARD CRATING LANDING TO TOP OF STAIR  
Galvanised steel grating by Elephant Gratings (or equal and approved) to create landing to top of stair SS1. Support frame to engineer's detail and specification. Finish: galvanised steel grating to match stair treads and contrasting nosings colour white
- YORKSTONE PAVING  
Existing Yorkstone paving units to be lifted, cleaned and stored safely on site for re-laying
- HIGH QUALITY CONCRETE PAVING UNITS  
150mm wide x 400mm long x 80mm depth Kellen paving units - finish to be a mix of 80% Breccia colour Tagenta E/20% Liscio colour Bianco. Supplier: Hardscape Ltd (or equal and approved); Q25 120 Refer to Detail BD 0112 DD 304

- HIGH QUALITY CONCRETE PAVING UNITS  
150mm wide x 400mm long x 80mm depth Kellen paving units - finish to be a mix of Breccia colours Tagenta B, C & E and 20% Liscio Bianco highlights Supplier: Hardscape Ltd (or equal and approved); Q25 125 Refer to Detail BD 0112 DD 304
- POROUS RESIN BOUND GRAVEL TO TREE GRID  
50mm depth Arboresin of 10mm aggregate Colour: Silver Grey. Supplier: GreenBlue Urban (or equal and approved); Q23 225. Refer to Detail BD 0112 DD 301
- SELF BINDING GRAVEL TO BOULES AREA  
50mm depth CEDEC 6-0mm aggregate Colour: Gold. Supplier: CED Ltd (or equal and approved); Q23 150. Refer to Detail BD 0112 DD 306
- CK1 & CK2: CONCRETE FLAT TOP EDGING  
63mm wide x 150mm depth x 914mm long precast concrete flat top Conservation edging by Marshalls (or equal and approved); Q10 110 Refer to Detail BD 0112 DD 305  
CK1: laid flush/CK2: laid with 50mm upstand
- TF3: TREE FRAME  
1212mm square x 120mm depth aluminium AluExcel edging AS120 tree frame by Kinley Systems (or equal and approved); Q10 120

STEPS, STRUCTURES & STREET FURNITURE

- SS1: STEEL STAIRS TO TAVITON STREET ENTRANCE  
1800mm overall width x double flight of steps comprising associated handrails (outer handrail to have steel grating infill) and 2 no. bike ramps to either side and 1500mm clear width between bike ramps. Finish: Galvanised steel. Manufacturer: Steelway (or equal and approved) Tactile paving to bottom of steps; L37 320
- SS2: STEEL STAIRS  
1410mm overall width stairs comprising associated handrails with steel grating infill to outer handrail. Finish: Galvanised steel. Tactile paving to top and bottom of steps. Manufacturer: Steelway (or equal and approved); L37 321
- SS3: STEEL STAIRS (FOR MAINTENANCE ACCESS)  
1670mm overall width stairs comprising associated handrail to provide 1500mm clear width between wall and handrail. Finish: Galvanised steel. Tactile paving to top and bottom of steps; L37 322
- S1: YORKSTONE STEPS  
2850mm wide steps 3 no. risers of 150mm height (535mm long x 300mm wide x 20mm depth units). Yorkstone colour 'Whitworth' to match existing paving. Finish: Galvanised steel. Supplier: Hardscape Ltd (or equal and approved) L37 315
- B1: BALUSTRADE TO RAMP  
1000mm height steel balustrade. Finish: powder coated colour black. Supplier: Jacksons Fencing (or equal and approved); L37 160
- CS1: CYCLE SHELTER  
15.8m long x 2.5m wide x 2.75m high cantilever cycle shelter (min. 2.6m clear to underside of roof) with galvanised steel frame with clear polycarbonate roof. Roof face to ends and front elevation to be clad in FSC Western Red Cedar. Galvanised steel columns and frame to engineer's detail and specification; Q50 211 Refer to Detail BD 0112 DD 310
- CS2: CYCLE SHELTER  
3.5m long x 2.7m wide x 2.75m high cycle shelter (min. 2.6m clear to underside of roof) with galvanised steel frame with clear polycarbonate roof. Roof face to ends and front elevation to be clad in FSC Western Red Cedar. Galvanised steel columns and frame to engineer's detail and specification; Q50 211 Refer to Detail BD 0112 DD 310
- CS3: STORE SHELTER  
3m high shelter to match cycle shelters CS1 & CS2 with galvanised steel frame with clear polycarbonate roof. Roof face to ends and front elevation to be clad in FSC Western Red Cedar. Galvanised steel columns and frame to engineer's detail and specification; Q50 213 Refer to Detail BD 0112 DD 313
- BS1: TWO TIER FALCO CYCLE RACKS WITH BESPOKE SHELTERS  
FalcoLevel-PRO 2-tier high capacity bicycle racks to provide 96 cycle spaces by Falco Ltd (or equal and approved); Q50 214. Refer to Detail BD 0112 DD 310
- ST1: TIMBER STORAGE SHED  
2.1m x 2m x 1.8m high storage shed of FSC larch timber with single ply roof. Single access doors - lock type to be confirmed; Q50 212. Refer to Detail BD 0112 DD 311
- RP1: TIMBER PLANTERS ADJACENT WALLS  
2 no. 600mm high (a.g.l.) FSC naturally durable hardwood timber raised modular planter systems comprising 40mm wide x 65mm thick horizontal timbers. Coping 90mm wide x 40mm depth. Galvanised steel panels where planters abut walls. Integrated timber slatted seating by Woodscape (or equal and approved). Refer to Detail BD 0112 DD 302; Q50 235. Note: LED lighting strip (LT1) below coping
- RP2: TIMBER PLANTER  
600mm high (a.g.l.) FSC naturally durable hardwood timber raised modular planter system comprising 140mm wide x 65mm thick horizontal timbers. Coping 90mm wide x 40mm depth. Integrated timber slatted seating by Woodscape (or equal and approved). Refer to Detail BD 0112 DD 303; Q50 235. Note: LED lighting strip (LT1) below coping
- BN1: BIRD NEST BOX  
1 no. Schwedler bird nest box located on the proposed tree; Q50 350A

- UL2: FLUSH RECESSED INGROUND UPLIGHTING  
Specification and detail to lighting Electrical Engineer's detail and specification.
- RM: MANHOLE COVERS (RM)  
All manholes within hard landscape to have recessed covers to engineer's detail and specification.
- DP/VP/RWP: EXISTING DOWN PIPES (DP) EXISTING VENT PIPES (VP) EXISTING RAINWATER PIPES (RWP)  
To be retained
- G: EXISTING GULLY GRATINGS (G)  
All gully gratings to engineer's detail and specification
- SD1: SLOT DRAIN  
Slot drain with 10mm heelguard. Manufacturer: ACO Technologies (or equal and approved). Below ground drainage channel to engineer's detail and specification; Q10 170
- IP1: IRRIGATION POINT  
2 no. taps with hose attachment for watering soft landscape. Complete with lockable fitting; Q50 400
- DHP: DISTRICT HEATING PIPES ROUTE  
DHP to be installed in trench below paving (trench dimensions and construction to be confirmed by M&E Engineer/Structural Engineer)
- RC1: RECESSED ACCESS COVERS  
750mm wide x 800mm long x 110mm depth Galvanised steel recessed access covers with lifting holes for accessing DHP pipes. Recessed covers to receive paving units to match surrounding paving. To engineer's detail and specification

GENERAL NOTES:

- ALL DIMENSIONS AND LEVELS SHALL BE CHECKED ON SITE PRIOR TO CONSTRUCTION WORK COMMENCING.
- ALL LANDSCAPE DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEER'S AND ARCHITECT'S DRAWINGS AND SPECIFICATIONS.
- ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE LANDSCAPE SPECIFICATION
- ANY DISCREPANCY CONCERNING THE DRAWINGS SHOULD BE REFERRED TO THE CA IMMEDIATELY.
- ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE
- ALL LEVELS IN METRES.
- DO NOT SCALE OFF THIS DRAWING.
- EXISTING SERVICE ALIGNMENTS SHALL BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO CONSTRUCTION WORK COMMENCING.

Rev	Date	Description	Drawn	CR'd
07	30/04/2015	Planning Issue	HK	RB
06	14/04/2015	Planning Issue	HK	RB
05	15/04/2015	Planning Issue	HK	RB
04	16/04/2015	Planning Issue	HK	RB
03	27/03/2015	Stage E+ Issue for comment	HK	RB
02	11/03/2015	Draft issue for co-ordination	HK	RB
01	05/03/2015	Draft for co-ordination	HK	RB
00	18/02/2015	Draft for comment	HK	RB

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CLIENT  
University College London

PROJECT  
Campbell House

TITLE  
Hard Landscape Layout Plan

Status: Stage E+

Scale: 1:100 @ A1

Drawing & Revision Number:  
BD 0112 DD 001 Ro7

Drawn: HK  
Date: 16.02.2015

Checked: RB  
Approved: RB