

HARD LANDSCAPING

To be read in conjunction with 'paving and edgings' drawings UMRF-LAP-XX-00-DR-L-10004/20004/30004/40004/50004/60004.

P1: Buff coloured asphalt to existing vehicular circulation route as Q22/170

P2: Asphalt as KRD specification (porous in vicinity of parking)

Asphalt to basketball court with coloured coating as M60/180

P3: Concrete block pavers with granitic aggregate top layer. *For P3 paving sizes, mixes and coursing refer to drawing **UMRF-LAP-XX-XX-DR-L-00433.***

P3v: to new shared route through site as Q24/119

P3a: to access paths around site, maintenance vans intermittently as Q24/119A

P3g: to courtyard gardens, maintenance vans intermittently as Q24/119A

P3c: to the Concourse, with areas of complimentary slab paving as Q24/119

P4: Porous resin bonded gravel as Q23/225 & tree pits as Q23/224

P5: Bound gravel paving (porous) as Q23/110

P7: 200mm wide loose gravel strip with timber edging (as Q23/310) where planting abuts building facades as Q23/150

P8: Tactile paving, blister to crossings, corduroy to steps as Q25/320

P9: Gravel grid paving to generator enclosures as Q31/285

KERBS AND EDGINGS

To be read in conjunction with 'paving and edgings' drawings UMRF-LAP-XX-00-DR-L-10004/20004/30004/40004/50004/60004.

K1: 125mm wide standard HB road kerbs with 125mm upstand as Q10/110

K2: 255mm wide Conservation type kerbs, 100mm upstand (f= flush) as Q10/113

K3: 125mm wide road kerb eg Tobermore Fusion, with 125mm upstand as Q10/112

K5: Flush steel edgings as Q10/200

K6: 75mm concrete edgings eg Tobermore Fusion, 60mm upstand. Q10/111

K7: 25mm wide timber edgings to bound gravel as Q23/310

K8: Concrete step units as L37/310.

K9: 50mm standard concrete edgings as Q10/114

DRAINAGE

All to KRD specifications. Full co-ordination with KRD drainage layout to be completed at next stage and all drainage fitting information shown.

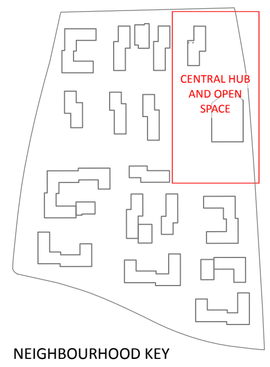
SD: Slot drain

CD: Channel drain

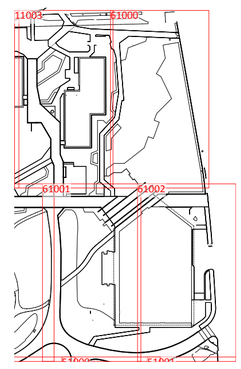
Headwall to outlet into attenuation basin

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(1) Do not scale from this drawing - use written dimensions only. (2) All dimensions are in millimeters unless noted. (3) All dimensions shall be verified on site before proceeding with the work. (4) Contractor to report and discreoancies or errors before proceeding on site. (5)Landscape Projects shall be notified of any discrepancies. (6) Engineer to specify all sub-bases. Any below ground construction is indicative.



NEIGHBOURHOOD KEY



CENTRAL HUB AND OPEN SPACE DETAIL PLANS

Notes:

(1) For soft landscaping see drawing UMRF-LAP-XX-00-DR-L-60001

STREET FURNITURE

For strategy see drawing: UMRF-LAP-XX-00-DR-L-00010

FB1: Concourse Benches as Q50/220

FB2: Courtyard Benches Q50/221

FB3: Woodland Walk Benches as Q50/223

FB4: Benches/seats associated with courtyards Q50/224

FB4a: Courtyard seating - wide bench

FB4b: Courtyard seating - stool

FB4c: Courtyard seating - lounger

FB5: Courtyard Picnic Benches as Q50/230

FB6: Informal log seating as Q50/341

FB7: Boulder seating as Q50/340

FB8: Concrete pebble seats to Concourse as Q50/226

FB9: Sculptural concrete bench to Concourse as Q50/227

FB10: Cyclestore bench as Q50/228

FS3: Concrete seating to courtyards as Q50/225
FS3a: Individual seats
FS3b: Benches

FS4: Concrete seats and walls as Q50/222
FS4a: Block Seating / Freestanding units
FS4b: Block Seating / Step and wall units

TT2: Trim Trail equipment as Q52/165 and drawing UMRF-LAP-XX-00-DR-L-00013

F1: Removable bollards, 1000mm high as Q50/196

F2: Canopy/shelters to Concourse to be developed in next stage

F3: Sheffield type cycle stands as Q50/211

Cycle shelters see drawing UMRF-LAP-XX-00-DR-L-00402, 413, 414

Gas bottle storage Central Hub as Q50/160

F10: Cycle toolstation, one per Neighbourhood as Q50/330

Bins - Quantity and location subject to input from UoM FM Team

CB: Cigarette bins as Q50/244. Freestanding (-FM) or lamp post mounted (-PM).

LB: Litter/recycling bins as Q50/240

GB: Grit bins as Q50/242

SIGNAGE

For strategy see drawing: UMRF-LAP-XX-00-DR-L-00019. References in brackets refer to UoM EPM GM13 Signage Strategy

F4: Existing Gateway Monolith (UM01)

F5: Pedestrian/vehicular directional signage (TBC, monoliths being phased out)

F6: Neighbourhood/Entrance Monolith

F7: Fingerpost pedestrian wayfinding signage

PROPOSED BOUNDARIES

B-A: Mesh panel fence as Q40/125:
B-A1: 1.03m high within planting bed UMRF-LAP-XX-00-DR-L-00423
B-A2: 2.03m high to protect pond
B-A3 2.23m high to generator enclosure as UMRF-LAP-XX-00-DR-L-00424
B-A4: Mesh panel fence as Q40/126 3.03m behind basketball hoop

B-B: Existing bin store wall on line of Whitworth Lane taken down to level of adjacent wall, new concrete coping as UMRF-LAP-XX-00-DR-L-00418

B-C: New wall 1m high using reclaimed bricks and coping to close gap left by gate removal as F10/230 and UMRF-LAP-XX-00-DR-L-00418

B-D: Flat top railings on low masonry plinth to match those adjacent to close pedestrian access as Q40/340 & UMRF-LAP-XX-00-DR-L-00415

B-E: Existing railings relocated/new panels with Boundary wall lowered as UMRF-LAP-XX-00-DR-L-00419

B-F: Flat top railings as Q40/341
2m high painted black UMRF-LAP-XX-00-DR-L-00416
1.5m high painted green near pond to match historic railings adjacent

B-G: Reclaimed railing panel to fit gap left by removed gate. New tabs welded to gateposts for securing panel as UMRF-LAP-XX-00-DR-L-00418.

B-H: Fenced enclosure to generator. N1 as UMRF-LAP-XX-XX-DR-L-00424, N3 as 00425, N4 as 00426

PROPOSED WALLS

See drawing UMRF-LAP-XX-00-DR-L-00014

W1: Feature wall to public realm to be developed at next stage.
W1S: Seating + plinth wall
W1L: Louvre panel + plinth wall
W1M:Mitzi Cunliffe Panels + plinth wall

RW: Masonry retaining wall to match brickwork of adjacent building with reclaimed stone coping from Woolton Hall.

RW-25: Existing retaining wall taken back and levels re-graded

REV P9	SB	2026-08-17	Update to MS path width and hedges added to perimeter
REV P8	SB	2026-07-16	Updates as shown
REV P7	RD	2026-04-21	Whitworth Lane works added
REV P6	RD	2026-01-26	Updates as shown
REV P5	RD	2025-12-18	Updates to Hub and Concourse. Design development and general GA updates
REV P4	RD	2025-05-20	Tactiles added to Whitworth Lane crossing
REV P3	RD	2025-03-27	Levels and kerblines added.
REV P2	RD	2025-02-19	Landscape layout updated with tracking info.
REV P1	RD	2025-02-13	First issue

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JOB TITLE UoM Residences DBFO

CLIENT University of Manchester

TITLE Central Hub & Open Space GA

SCALE 1:250 @ A1 DATE 2024-11-25

STATUS S4 PURPOSE For Formal Review

DRAWN RCD CHECKED NS

REFERENCE UMRF-LAP-XX-00-DR-L-60000 REV P9