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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.

Existing lighting bollards - shown for information

MCC WHITWORTH LANE - 06

GRAHAM - This appears to be a UoM owned column. Can it be removed?
It is additional to the MCC road lighting along Whitworth Lane and adjacent to the area being resurfaced as part of the entrance closure.

MCC WHITWORTH LANE - 07

MCC WHITWORTH LANE - 08

Existing UoM lighting column to be removed. No longer required

MCC WHITWORTH LANE - 09

UOM COLUMN

UOM COLUMN

UOM COLUMN

UOM COLUMN

UOM COLUMN

UOM COLUMN

EXISTING ILLUMINATED SIGN - REPLACE FITTINGS

Richmo

Botanical

PUBLIC REALM LIGHTING

For exact specifications please refer to M&E drawings and suppliers details

Lighting within perimeter woodland areas to minimal and be designed to a light spill on to, or illumination of, artificial bat roost boxes and associated vegetation which are used as fightlines.

EX0 **EX0:** Existing street lighting around perimeter of site. (MCC denotes colum maintained by City Council).

EX1 **EX1:** 6m high column to car-park and loading bay. Ecorays side bracket mounted.

EX2 **EX2:** 4.5m high column for main vehicular circuit. Ecorays pole top mounte

EX3 **EX3:** 1m high bollard lights to paths. Miko with graphite grey finish.

EX9 **EX9:** 10m high feature tapered columns to Concourse. 3 x Pantheon 2 spo fittings per column, mounted at 8-9m height.

EX5 **EX5:** 4.5m high column to courtyards (symmetrical distribution). Ecorays p top mounted.

EX6 **EX6:** 4.5m high column to access paths (asymmetrical distribution). Ecoray pole top mounted.

For setting out details of lighting in relation to paving see drawing UMRF-LAP-XX-00-DR-L-00430

BUILDING LIGHTING

Building Entrances

Outline of entrance canopies and soffit lighting to overhangs. See CAD21 drawings for specification and location.

T1 WE-EF QLS420 building mounted lights to plant room/emergency exit doors and external terraces. See SRA drawings for location on facades.

CCTV

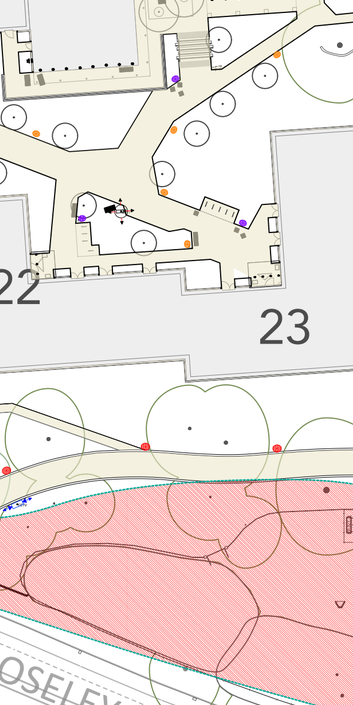
6M POLE MOUNT 4-WAY PANORAMIC CAMERA

6M POLE MOUNT 4-WAY PANORAMIC CAMERA WITH INTEGRATED PTZ

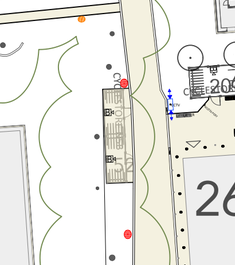
3M POLE/BUILDING MOUNT 2-WAY TWIN CAMERA

3M POLE/BUILDING MOUNT STATIC CAMERA

INTERNAL BIKE STORE CAMERA



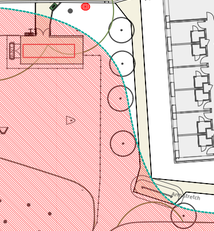
ECORAYS POLE TOP MOUTED



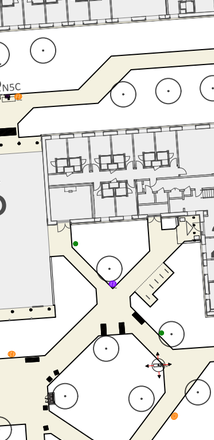
ECORAYS POLE TOP FITTING



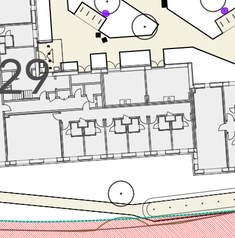
ECORAYS SIDE ENTRY



PANTHEON 2



MIKO BOLLARD



QLS420 WALL LIGHT

REV P10	SB	2026-08-xx	Updates to N1,N3 and N4 generator enclosures
REV P9	RD	2026-04-27	Images added for planning submission. General updates to lighting positions/types
REV P8	RD	2026-01-19	CCTV locations added. General updates.
REV P7	RD	2025-08-28	General updates following meeting 26/8.
REV P6	RD	2025-06-03	Lighting located as per Kingfisher plan and proposed public realm. Key updated
REV P5	RD	2025-03-10	GF layout added. Soffit areas shown. All doorways annotated.
REV P4	RD	2025-02-19	Cyclestore CCTV added
REV P3	RD	2025-02-12	Entrance 6 updated.
REV P2	RD	2025-02-06	Handrail and feature wall lighting shown
REV P1	RD	2025-01-17	Planning Issue

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JOB TITLE UoM Residences DBFO

CLIENT University of Manchester

TITLE Lighting & CCTV Strategy

SCALE 1:600 @ A1 DATE 2025-01-17

STATUS S4 PURPOSE Formal Review

DRAWN RCD CHECKED NS

REFERENCE UMRF-LAP-XX-00-DR-L-00011 REV P10