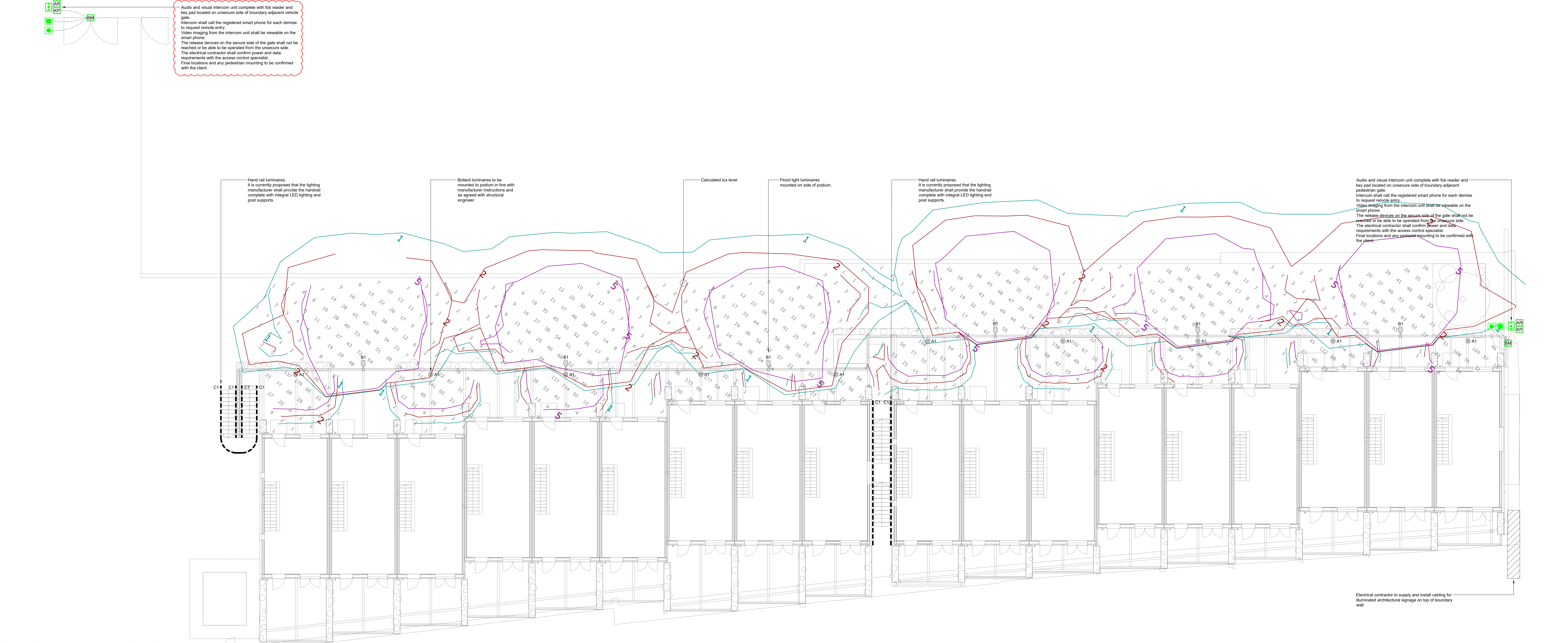




External Lighting Notes

- This layout shall be read in conjunction with all other services, architectural and structural information, project specifications and contract documentation.
- The electrical installation shall be installed in accordance with the 18th Edition of IET Wiring Regulations BS 7671 (Requirements for Electrical Installations) including all amendments.
- The Electrical Contractor shall design, supply, install, test, commission and set to work a new external lighting installation in accordance with the contract documentation.
- All in ground services to be installed at depths to meet NUJG guidelines.
- Final setting out and site coordination to be completed by the Main Contractor Main Contractor or their nominated subcontractor.
- External lighting control equipment to incorporate manual override switch, time clock, photocell and contactors to restrict energisation of external lighting when ambient lighting levels are sufficient.
- Draw pit chambers and below ground ducts to be provided and installed by the Main Contractor.
- Draw pit chambers shall be provided where required and at all changes of direction.
- Carriage way grade draw pit chambers shall be provided where required.
- All cable ducts shall be provided with draw ropes.

External Lighting Legend

Type A1 Luminaire - Walk Way
1m 6 LED bollard luminaire.
Flange mounted to podium.
12W 1470lm 4000K.
As WE-EF Lighting PSY424 LED (114-0147).

Type B1 Luminaire - Road Way
Single top type 12 LED luminaire podium mounted at 2.4m.
24W 2851lm 4000K.
As WE-EF Lighting FLA730 LED (147-0690).

Type C1 Luminaire - Stairway LED hand rail luminaire. Linear LED luminaire integral to hand rail.
As Utels Schrader LED Handrail 5117 - 3 LED 350mA NV Profiled Poly Clear Smooth W07312.

Isolines
1.0 lx
2.0 lx
5.0 lx

Access Control Legend

AR Audio and visual push button intercom.
AR Access card reader (short range proximity fob).
KP Key pad.
SM Request to exit button (retractive).
SM Green emergency exit break glass unit.

Revision Notes - P3
Access control added to vehicle gate.

Access Control Notes

- The M&E Contractor shall be responsible for the design, supply, coordination, installation, testing, commissioning and setting to work of a complete access control system.
- An access control system shall be provided to the building and shall be designed, supplied, installed and commissioned in accordance with all relevant British Standards.
- The system shall be installed in accordance with NACOSS code of practice for access control (NACOP30) and be designed, installed and commissioned by a NACOSS approved specialist sub contractor.
- The system shall typically comprise of access card readers, key pads, push to release buttons, green emergency exit break glass units, maglocks, power supplies and cable ways.
- A combined intercom, access card reader and key pad shall be used to gain pedestrian access to the site by the external gates as indicated on the layout.
- The electrical contractor shall ensure all access control equipment is compatible with the final gate type.
- The installation wiring shall be concealed within building fabric or secured within containment.
- Pedestal mounting of equipment shall be included for as required.
- The final number of access cards to be provided shall be confirmed by the client.

Lighting Section Through Podium (NTS)

Client:
Broadfield Project Management

Project:
Stubbs Mews

Drawing Title:
Proposed External Lighting Layout

Drawn	Checkd	Apprvd	Date	Scale
NP	DR	DR	24.10.19	1:100 at A0

PA1406-EXT-102 Rev P3.dwg