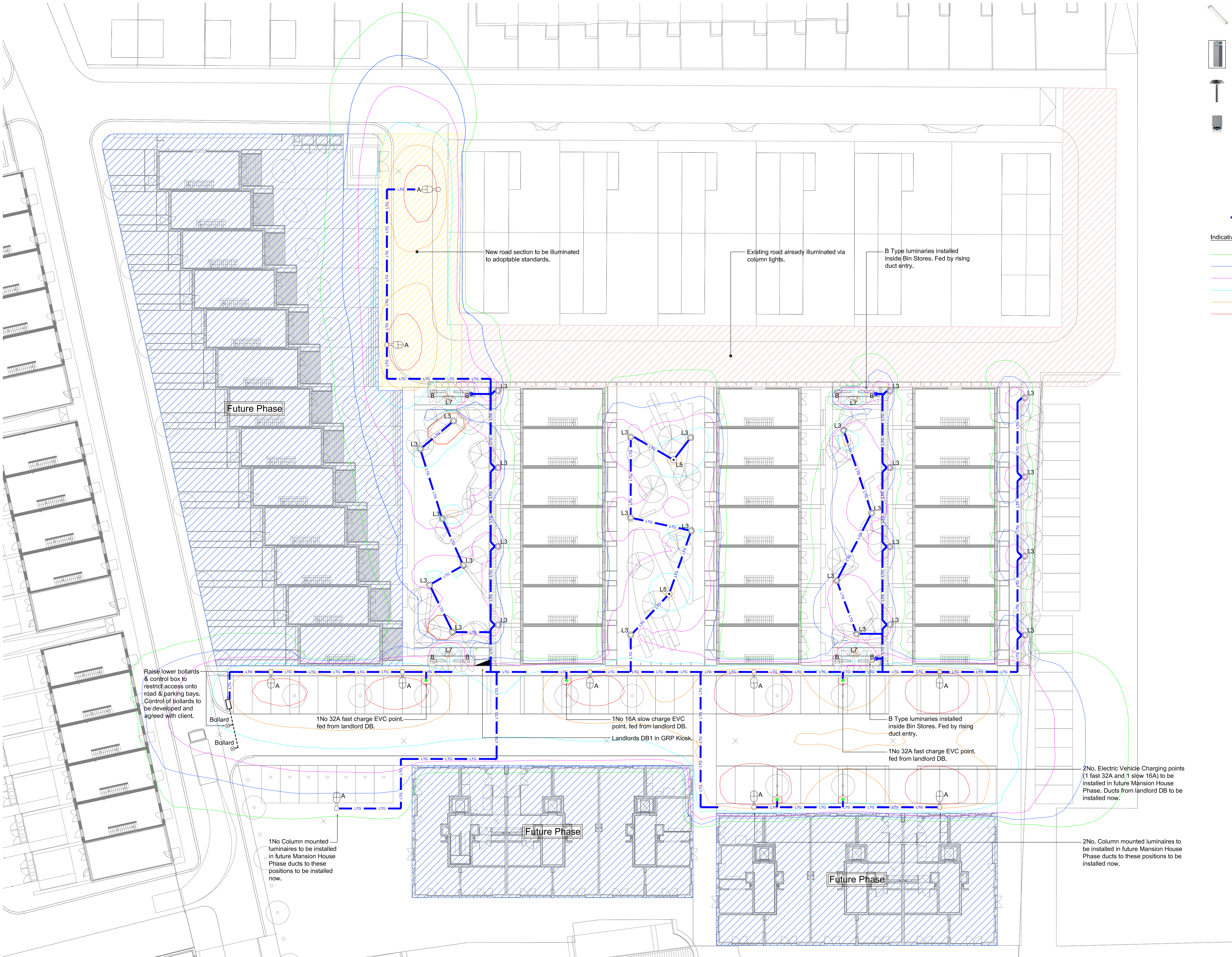




- Legend**
- Column mounted LED area flood light on 7M column. As 'Iguzzini Lighting ED08 Archlede' 5970lm
 - Surface mounted linear LED luminaire. 3000k. As 'Whitecroft ACL'
 - Bollard LED luminaire. 1000mm tall. 3000K. As 'Iguzzini iWay Square' 840lm
 - Column mounted LED street lantern on 4M column. 3000K. As 'Iguzzini Twilight Bilbao' 219lm
 - Wall mounted LED luminaire. 3000K As 'Iguzzini iPro Wall' 437lm
 - Distribution board.
 - Electric vehicle charging point.
 - Landlord electrical duct.

Indicative Lighting Levels

- 1 Lux
- 2.5 Lux
- 5 Lux
- 10 Lux
- 15 Lux
- 20 Lux

- Notes:**
- This drawing shall be read in conjunction with the M&E services strategy, Architects drawings and all related project documentation.
 - The electrical installation shall be in installed accordance with the 18th edition of IEE Wiring Regulations BS7671 (Requirements for Electrical Installations).
 - The Contractor shall design, supply and install a complete and coordinated external lighting & power installation as typically depicted on this drawing.
 - This drawing does not depict the proposed inground site services around the site. Final duct routes shall be coordinated with these services.
 - Lighting shall be provided to minimise light spill and nuisance. Lighting shall be designed inline with the requirements of the relevant ILE guidance notes on obtrusive light.
 - External luminaires shall be supplied via XLPW/SWA/LSF cables installed in buried PVC cable ducts.
 - A new 63A TP&N Electrical distribution board shall be provided and installed in a GRP kiosk as typically depicted. The incoming landlords electrical supply shall terminate in this enclosure. This board shall feed external lighting and electric vehicle charging points.
 - 2 No 3.6kW 16A SP&N slow & 1 No 7.2kW 32A SP&N fast electric vehicle charging points shall be provided in this phase. These shall be post mounted chargers. Final manufacturer of charging points to be developed and agreed with the client. 2 further chargers shall be added as part of the future Mansion House phase as typically depicted.
 - Charging points shall be App driven and shall not require cash to be held on site. The M&E contractor shall assist the client in selecting a EVC management company and for arranging the ongoing tariffs.
 - Lighting columns, bollards & feature lights shall be supplied by Iguzzini Lighting. Factory set lumen outputs shall be required to provide the required lighting levels.
 - The contractor shall include for all required lighting column adaptors for mounting lanterns on columns.
 - Columns shall be of the final RAL colour selected by the landscape Architect.
 - Final siting of luminaires shall be provided in accordance with landscape Architects external lighting and street furniture drawings.
 - Lighting shall be provided to the adjacent road to an adoptable standard in accordance with EN13201 2015 Lighting class P1 & C1 and in keeping with earlier phases of the New Islington Development.
 - This drawing is provided to illustrate design intent only and is subject to detailed design. No final quantities, lengths or sizes shall be taken from this drawing.

Revision Notes P3

Landlord ducts added for cabling to luminaires, electric vehicle charging and vehicle bollards.

Revision Notes P4

L5 Luminaire added. Ducts amended to suit.

Revision Notes P5

Electric vehicle charging point locations updated.

P5	DR	18.12.20	Preliminary Issue.
P4	DR	13.10.20	Preliminary Issue.
P3	DR	25.09.20	Preliminary Issue.
P2	DR	06.07.20	Preliminary Issue.
P1	MK	21.04.20	Preliminary Issue.
Rev	By	Date	Description

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Client
Urban Splash
Project
New Islington, Phase 3
Drawing Title
Proposed External Lighting & Power Layout

Drawn	AL	Date	20.04.20	Cad File	PA1465-TCE-NI3-XX-DR-E-9000
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