

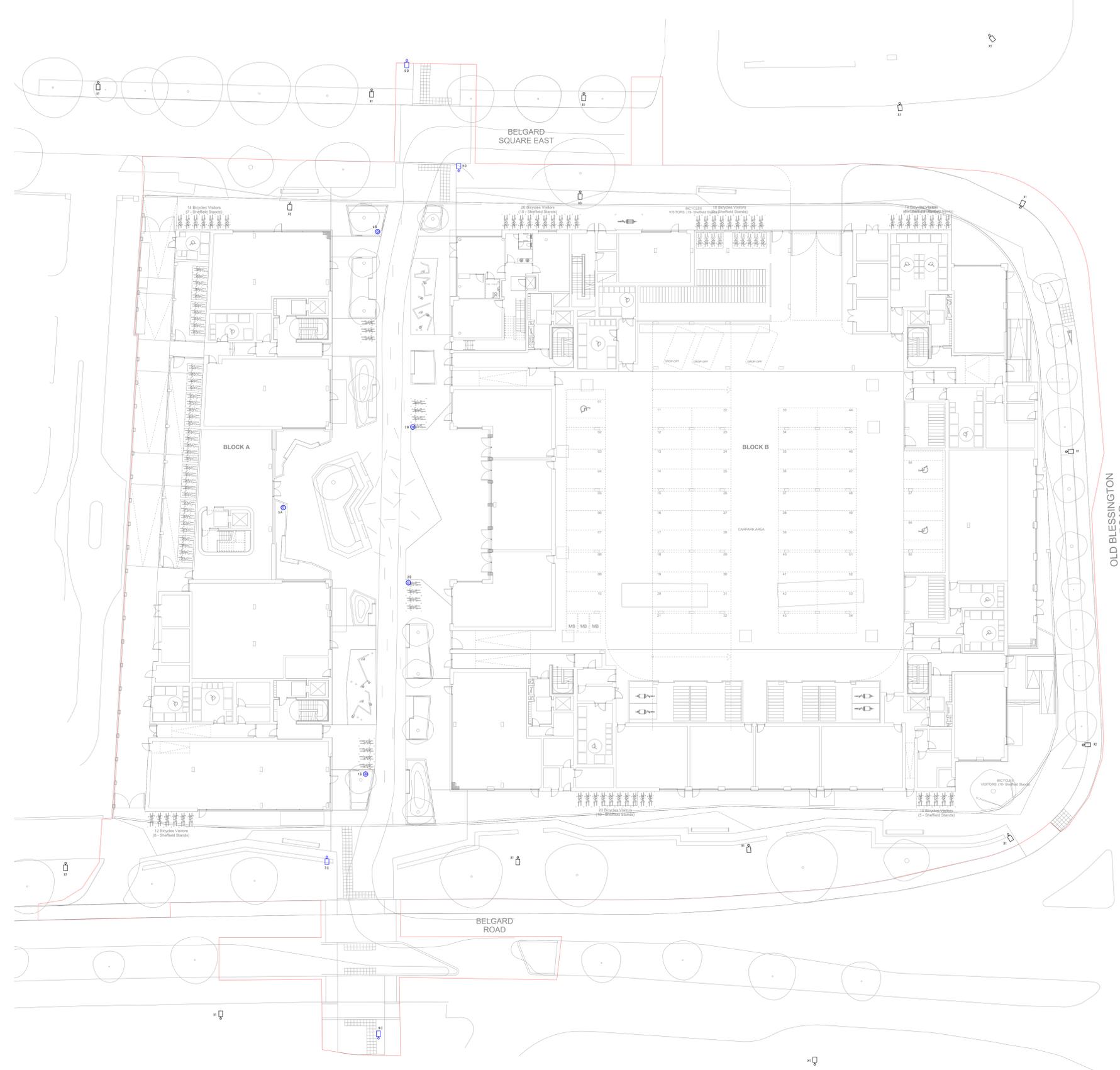
Type Mark	Description	Manufacturer	Model	Count
A	Light Pole	Veehite	Quad Series 36w LED Street Light R01	1
B	Light Pole	Veehite	Quad Series 52w LED Symmetric	4
C	Light Pole	Veehite	Metro Streetlight 150w LED Podometer Crossing Luminaire	2
D	Light Pole	Veehite	Metro Streetlight 250w LED Podometer Crossing Luminaire	2
X1	Light Pole	Existing	Existing	13
X2	Light Pole	Existing	Existing	1
X3	Light Pole	Existing	Existing	2

- General Notes:**
- This drawing is to be read in conjunction with all relevant Architect's and Structural Engineer's Construction Issue drawings, Fire Certificate and Fire Drawings, along with the consultants Mechanical and Electrical specifications and any other documentation.
  - Do not cover over this drawing.
  - The drawing is representative only. All dimensions are in millimeters (mm), unless otherwise stated. Use the typical dimensions when shown.
  - The exact location of all services and fittings to be agreed on site with the Architect and/or Structural Engineer prior to their installation.
  - The Mechanical and Electrical Services are to be coordinated with all other trades and to be agreed on site prior to their installation. The contractor shall allow for the setting out and installation around all obstructions. Additional costs incurred by the contractor due to the lack of coordination will not be entertained.
  - Connections to all equipment to be made by the contractor.
  - Any discrepancy between this drawing and on site conditions must be reported to Renaissance Engineering LTD immediately. Any change from this design drawing must be agreed with the Engineer in writing. A failure to gain this approval could lead to difficulty in approving payment for the installation.
  - Installation / Construction / As-Built Drawings to be prepared by the Mechanical/Electrical Contractor with reference to the latest Architect's and Structural Engineer's construction issue drawings and fire certificate drawings.
  - All Electrical works to comply with the National Rules for Electrical Installations, 5th Edition IS 6183:2005.
  - All Mechanical and Electrical works to comply with the current Building Regulations.

- Lighting Services Notes:**
- Lighting Wiring 2.5mm<sup>2</sup> PVC cable including earth, loop in method, no joints allowed. Protection: 10A MCB Type B BS 3071.
  - Exact position of light fittings to be agreed on site in consultation with the Architect and / or Engineer.
  - External lighting wiring minimum 2.5mm<sup>2</sup> PVC cable. External lighting controlled by photocell.
  - All luminaires shall be subject to approval by the Client's Design Team. The Specialist shall allow for a cost and the relevant construction programme requirements for each type of luminaires specified herein.
  - All secondary containment serving the lighting shall be designed, supplied and installed by the Specialist/ Contractor. The secondary containment shall be supplied and installed as per the specification and schedules.
  - The exact mounting height and location of luminaires shall be agreed on site with the Engineer and Architect prior to installation.
  - The electrical contractor shall include for the supply, installation, test and commissioning of the entire lighting control system, including final testing and the commissioning of same.
  - Final selection of luminaires shall be agreed with the Client during construction, prior to order.
  - Light controls / control devices shall generally be as per the drawings. The final position of the light switches / control devices shall be agreed with the engineer prior to installation.
  - Lighting control circuits shall be protected by a 10A type B RCBO issued to existing and general lighting circuits (luminaires only) shall be protected by a 10A type B RCBO.
  - All finishes shall be as per the Architect's finishes schedule.
  - All luminaires to be supplied with lamps, control gear, supports and ancillaries to complete the installation to the manufacturer's recommendations.

- Emergency Lighting Services Notes:**
- Emergency lighting wiring 1.5mm<sup>2</sup> PVC cable in trunking and conduit controlled by proprietary emergency lighting test facility.
  - Emergency lighting installation to comply with I.S. 3217:2003-41:2017 (or current edition).
  - The contractor / Specialist shall supply, install, inspect, verify, test and commission a complete emergency lighting installation in agreement with the requirements of I.S. 3217:2003-41:2017 (or current edition).
  - All emergency lighting equipment shall be supplied from a single vendor / supplier / manufacturer.
  - The specialist shall provide complete certification for inclusion in the building safety file and CDM manual in agreement with the requirements of I.S. 3217:2003-41:2017 (or current edition).
  - All equipment shall be supplied as per the drawings, specifications and schedules.
  - A sample of each item of equipment shall be provided to the Architect and Engineer for inspection for sign off / approval prior to the commencement of first fix installation works.

- Legend**
- Light Pole
  - Light Pole



Rev	Date	Revision Description	By	CHKD
P02	2025/11/17	Existing Lighting Added	R.S.	B.S.
P01	2025/11/07	Lighting Updated	R.S.	B.S.
P	2025/03/21	Initial Issue	A.B.	B.S.

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Issue Date: **S2 - Issued for Information**

Client: **Midasal Homes Limited**

Architect: **Donnelly-Turpin Architects**

Project Name: **Belgard Apartments  
Belgard Road Mixed Use Development, Tallaght, Dublin 24**

Sheet Name: **Lighting Services  
Ground Floor  
Site**

Date: <b>As Indicated</b>	Document Number: <b>24242-REN-XX-GF-DR-E-6300</b>	Revision: <b>P02</b>
Approved By: _____	Drawn/Checked: <b>DAK/REN-22-ZZ-MSE-001-RT</b>	Internal Project Number: <b>24-242</b>

Drawing revision legend: P = Pre-Contract, C = Contract

