General Notes:

1. This drawing is to be read in conjunction with all relevant Architects and Structural Engineers Construction issued drawings, Fire Certificate and Fire Drawings, along with the consultants Mechanical and Electrical specifications and any other documentation.
2. Do not scale from this drawings. This drawings is representative only. All dimensions are in millimeters (mm), unless otherwise stated. Use the figured dimensions when shown.
3. The exact location of all services and fittings to be agreed on site with the Architect and/or Structural Engineer prior to their installation.
4. 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 accepted.
5. Connections to all equipment to be made by the contractor.
6. Any discrepancies between this drawing and on site conditions must be reported to Renaissance Engineering LTD. immediately. Any changes 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 variation(s).
7. Installation / Construction / As-Built Drawings to be prepared by the Mechanical/Electrical Contractor with reference to the latest Architects and Structural Engineers construction issue drawings and fire certificate drawings.
8. All Electrical works to comply with the National Rules for Electrical Installations, 5th Edition IS10101:2020.
9. All Mechanical and Electrical works to comply with the current Building Regulations.
10. All works to comply with the National Code of Practice for Customer Interface 5th Edition 2021.

Lighting Services Notes:

1. Lighting Wiring 2.5mm² PVC cable Including earth, loop in method, no joints allowed. Protection 10A MCB Type B BS 3871.
2. Exact position of light fittings to be agreed on site in consultation with the Architect and / or Engineer.
3. Final connection to light fittings to be agreed in false ceilings to be through Klik connections and flexible cable (Maximum 2 meter length).
4. External lighting wiring 2 x 2.5mm² PVC cable. External lighting controlled by photocell.
5. All luminaires shall be subject to aproval by the Client / Design Team. The Specialist shall allow for a cost and the relevant construction programme requirements for each type of luminaire specified herein.
6. 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.
7. The exact mounting height and location of luminaires shall be agreed on site with the Engineer and Architect prior to installation.
8. 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.
9. Final selection of luminaires shall be agreed with the Client during construction, prior to order.
10. Light switching / 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.
11. Lighting control circuits shall be protected by a 16A type C MCB (equal to existing) and general lighting circuits (luminaires only) shall be protected by a 10A type C MCB.
12. All light switches shall be MK Electric or equal and approved.
13. All finishes shall be as per the Architect's finishes schedule.
14. All luminaires to be supplied c/w lamps, control gear, supports and ancillaries to complete the installation to the manufacturer's recommendations.

Emergency Lighting Services Notes:

1. Emergency lighting wiring 1.5mm² PVC cable in trunking and conduit controlled by proprietary emergency lighting test facility.
2. Emergency lighting installation to comply with I.S. 3217:2013+A1:2017.
3. The contractor / Specialist shall supply, install, inspect, verify, test and commission a complete emergency lighting installation alignment with the requirements of I.S. 3217:2013+A1:2017 (or current edition).
4. All emergency lighting equipment shall be supplied from a single vendor / supplier / manufacturer.
5. The specialist shall provide complete certification for inclusion in the building safety file and O&M manual in alignment with the requirements of I.S. 3217:2013+A1:2017 (or current edition).
6. All equipment shall be supplied as per the drawings, specifications and schedules.
7. 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.

LIGHTING LEGEND:

A — AUVA 19W ROAD LANTERN CW LSS2 OPTIC, 4000°. MOUNTED ON 6.0M ROOT MOUNTED COLUMN 5° TILT

N

100mm - Caution when scaling - Please Check

Rev.	Date	Revision Description	Dm.	Chk'd.
0	01.09.22	Issued for Planning	SMcD	DTD

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Client:

Architect:
Craft Studio

Job Title:
Swans Lane
Navan
Co. Meath

Drawing Title:
Lighting Services
Site Layout

Date:	Scale:	Drawing No.:	Revision:
01.09.22	1:100 @A1	22258-REN-XX-XX-DR-ME-6300	0

Designer:	Checked:	Approved:
SMcD	DTD	SM

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