

The image is a detailed site layout plan for a development. The central focus is a large, irregularly shaped area labeled "POSSIBLE FUTURE DEVELOPMENT" with a specified area of 85,911.2 m². This central area is surrounded by existing infrastructure, including roads, parking lots, and other buildings. The plan is overlaid with various colored lines (red, yellow, green, blue) that likely represent different zones, boundaries, or proposed developments. A north arrow is located in the top right corner, pointing towards the top right. A scale bar in the bottom left corner indicates a distance of 0 to 100 meters. The surrounding area includes roads, parking lots, and other buildings, providing context for the proposed development.

A. DO NOT SCALE FROM THIS DRAWING--
WORK ONLY FROM FIGURED DIMENSIONS.

B. ALL ERRORS & OMISSIONS TO BE REPORTED TO THE CONSULTING
ENGINEER

C. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER
SERVICES, ARCHITECTURAL, ENVIRONMENTAL & ALL OTHER
RELEVANT DRAWINGS & SERVICES SPECIFICATIONS.

 PL1
Phosco
P852K-24-A2A-730-HE-0500-24W
P852K 24 LED A2A lens 500mA
MOUNTED ON 6M HIGH COLUMNS

 PL2
Phosco
P852-128-A2A-730-HE-0800-38W
P852 128 LED A2 lens 800mA
MOUNTED ON 6M HIGH COLUMNS

 PL3
Phosco
P852-128-A2A-730-HE-0800-28W
P852 128 LED A2 lens 800mA
MOUNTED ON 6M HIGH COLUMNS

 PUBLIC LIGHTING CABLE CHAMBER

1.0 lx
2.0 lx
5.0 lx
7.0 lx
10.0 lx
20.0 lx

DRAFT

PLN3	17-10-25		Issue for Planning	R.F.	R.F.
PLN2	15-10-25		Issue for Planning	R.F.	R.F.
PLN1	04-09-25		Issue for Planning	R.F.	R.F.
PLN	19-08-25		Issue for Planning	R.F.	R.F.
	issue date		description	de	pe

revision	drawing reference
R03	2525 -E1001-PLN

drawn	date	scale
D.N.	AUG 2025	1:1000 @A0

architect
MICHAEL FITZPATRICK ARCHITECTS LIMITED
Main St. Tullahoma, Putnam Bridge, Co. Crown, H12, D2N8

project

PROPOSED RESIDENTIAL DEVELOPMENT
Lands at Lisdaran Townland, Loreto Road
Cavan Town, Cavan

SITE LIGHTING LUX LEVEL LAYOUT
ISOLINES LAYOUT
SHEET 1 OF 1



AMRA
A.M. ROGERS + ASSOCIATES

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Professional Engineering Solutions

1. All exterior lighting shall comply with code of practice for the design of road lighting BS5489-1:2013, EN13201-2015, Galloway county council public lighting installation in residential and industrial area's guidance document 2014, national rules for electrical installation IS10101:2008, ET101:2008- part 1 general requirements & part 2.3 particular requirements for public lighting installations.
2. The external lighting layout has been designed in accordance with BS 5489-1:2013 and EN 13201-2015 standards
3. Ducting shall comply with BSEN 50086-1-2-3-4 latest edition

& shall be single wall, colored red & manufactured from high density polypropylene, the nominal external diameter of the duct shall be 107mm with a minimal wall thickness of 5mm, each length of duct shall be stamped with the words "Public lighting", or alternatively, "street lighting", in 18mm block lettering at 0 degrees, at one metre intervals, duct shall be laid with this legend facing upwards, duct shall be laid in a straight line close to the line of the column locations & shall contain a continuous draw wire of 8kn strength, all ducts shall be proven with brush and mandrill, polypropylene roped and plugged and compliant with ETT01 requirements red duct shall be used for exterior lighting cables.

4. A minimum depth of 450mm cover is required in urban pathways & a minimum of 600mm cover is required for grass margins, pedestrian ways, laneways & gateway entrances & a minimum depth of 750mm is required at road crossings or in carriageways.

5. All cable draw inspection pits shall be of ductile iron galvanised steel frame with frame opening of 615mm x 615mm to conform to EN124B125 marked 'public lighting' or traffic with m16 stainless steel locking bolt. all cable draw inspection pits for use on carriageways shall be of the same dimension as above with high strength engineering or situ concrete. covers

and frames shall be approved by licensed body nsai or british standards institute of quality assurance services.

6. All equipment to be suitably ip rated for the environment they are being installed.
7. ESB networks duct routes to mini pillar to be confirmed when ESB network sub-station location is finalised.

8. Light column setback shall be 0.8m from kerb in accordance with BS5489-1 table 2

PROPOSED LED FITTING PHOSCO P852K

