LUMINAIRE LIST

INDEX	MANUFACTURER	ARTICLE NAME	ITEM NUMBER	FITTING	LUMINOUS FLUX	MAINTENANCE FACTOR	CONNECTED LOAD	QUANTITY
1	MICROPLUS GERMANY	MPG-1N-30W		1x MICROLED DE 150lm/W	4500 lm	0.80	31.8 W	44
2		MICROPLUS GERMANY MPG-2-80W		1x	12000 lm	0.80	84.8 W	16

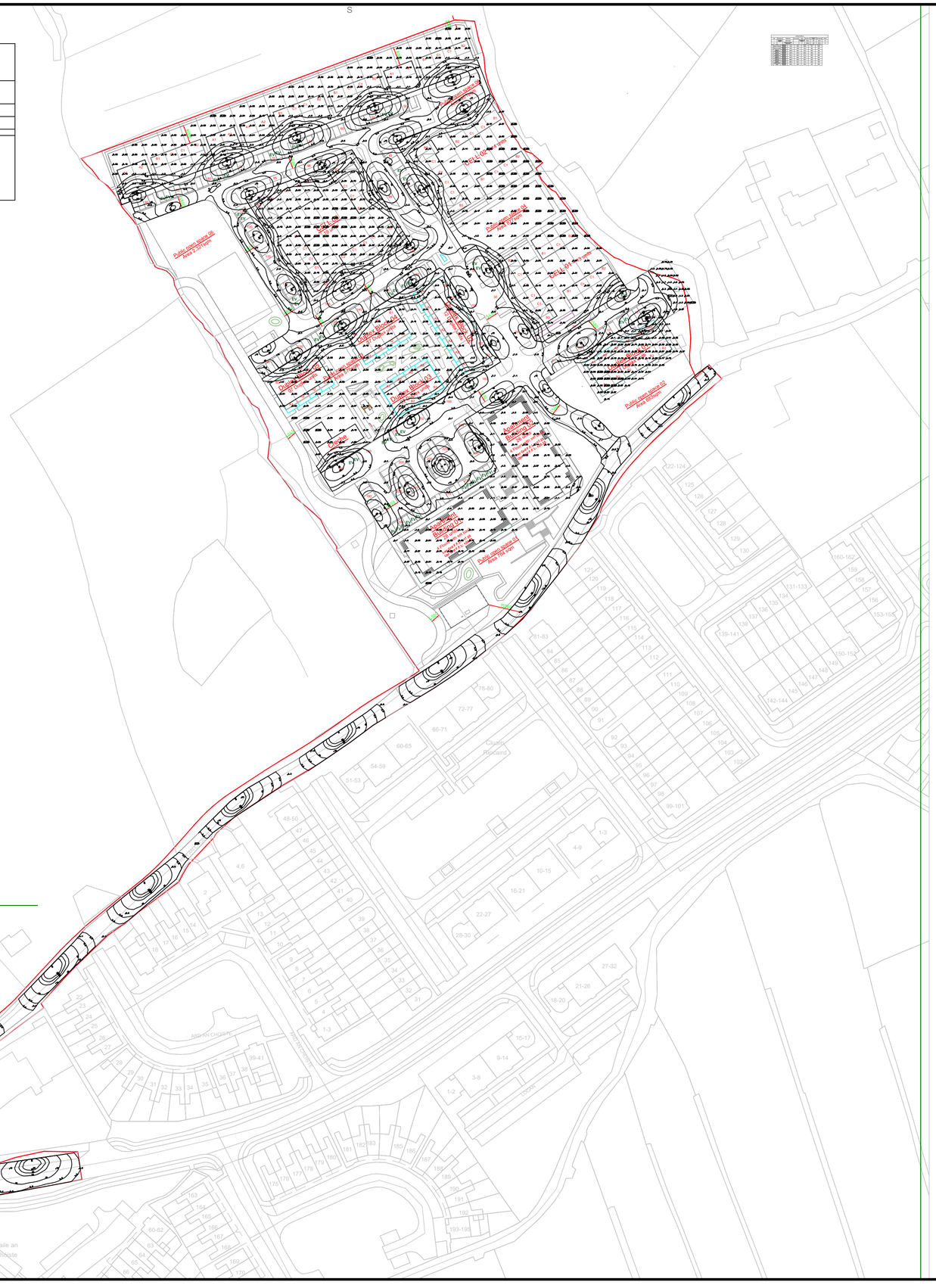
NO.	NAME	PARAMETER	MIN	MAX	AVERAGE	MIN/AVERAGE	MIN/MAX
1	Workplane (Estates)	Perpendicular Illuminance (Adaptive)	1.58 lx	38.5 lx	8.83 lx	0.18	0.041
2	Workplane (Road)	Perpendicular Illuminance (Adaptive)	1.73 lx	42.0 lx	11.6 lx	0.15	0.041
3	Workplane (Path)	Perpendicular Illuminance (Adaptive)	1.58 lx	30.5 lx	9.96 lx	0.16	0.052

TYPE A

MANUFACTURER	MICRO PLUS	MPG-1N C/W INDIVIDUAL PHOTOCELL	
INSTALLATION TYPE	6M POLE MOUNTED	DIMENSIONS	595X273X155
CONSTRUCTION	DIE CAST ALUMINIUM	BALLAST TYPE	LED
COLOUR / RAL NO.	TBD	DIMMING	NO
REFLECTOR / LOUVRE	THERMOPLASTIC	EMERGENCY	NO
LAMP SOURCE	30W LED	LIGHT DISTRIBUTION	SYMMETRICAL
NO. OF LAMPS	1	INGRESS PROTECTION	IP66

TYPE B

MANUFACTURER	MICRO PLUS	MPG-2 C/W INDIVIDUAL PHOTOCELL	
INSTALLATION TYPE	8M POLE MOUNTED	DIMENSIONS	597X330X149
CONSTRUCTION	DIE CAST ALUMINIUM	BALLAST TYPE	LED
COLOUR / RAL NO.	TBD	DIMMING	NO
REFLECTOR / LOUVRE	THERMOPLASTIC	EMERGENCY	NO
LAMP SOURCE	80 W LED	LIGHT DISTRIBUTION	SYMMETRICAL
NO. OF LAMPS	1	INGRESS PROTECTION	IP66



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General notes:

This drawing to be read in conjunction with all relevant architectural drawings and specifications.

This drawing to be read in conjunction with all relevant structural drawings and specifications.

This drawing to be read in conjunction with all relevant mechanical and electrical drawings and specifications.

All dimensions in millimeters. do not scale from this drawing. only use figured dimensions only.

Contractor must verify all dimensions on site prior to installation of services and production of working drawings.

Notes:

1. The electrical installation shall be in accordance with IS10101.
2. All wiring to street lighting to be 6.0mm² in ducting
3. The contractor shall ensure that the earthing system complies with IS10101

The lighting design complies with BS5489:2013 / BS EN 13201:2003 in accordance with lighting class P3.
Lightning Columns shall be designed and installed in accordance with BS EN 40
LED output shall be minimum of 150lumens/ watt
LED LAMP Colour Temperature to be 3000K

Light Fitting to be c/w 10 year warranty with individual photcell.

Floodlights to be c/w 5 year warranty.

Rev	Description	Date
??	Issued for ?????	??/??/2023

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Client: Mmmmmmmmmmm Fffffffffffffffffffffffffffffffff

Architect: Mmmmmmmmmmmm Fffffffffffffffffffffffffffffffff

Project: Bothar na Choiste, Headford Galway

Drawing: Electrical Installation
Site Lighting

Proj Ref | 24.2894	Drg Ref | ES-01	Scale | 1:1000 A1
Drawn | GJA	Checked | JM	Approved | MF

Drawing Status:

Preliminary	☐	Planning Stage	☐	Tender Issue	☑
For Information	☐	Construction Stage	☐	Contract Issue	☐