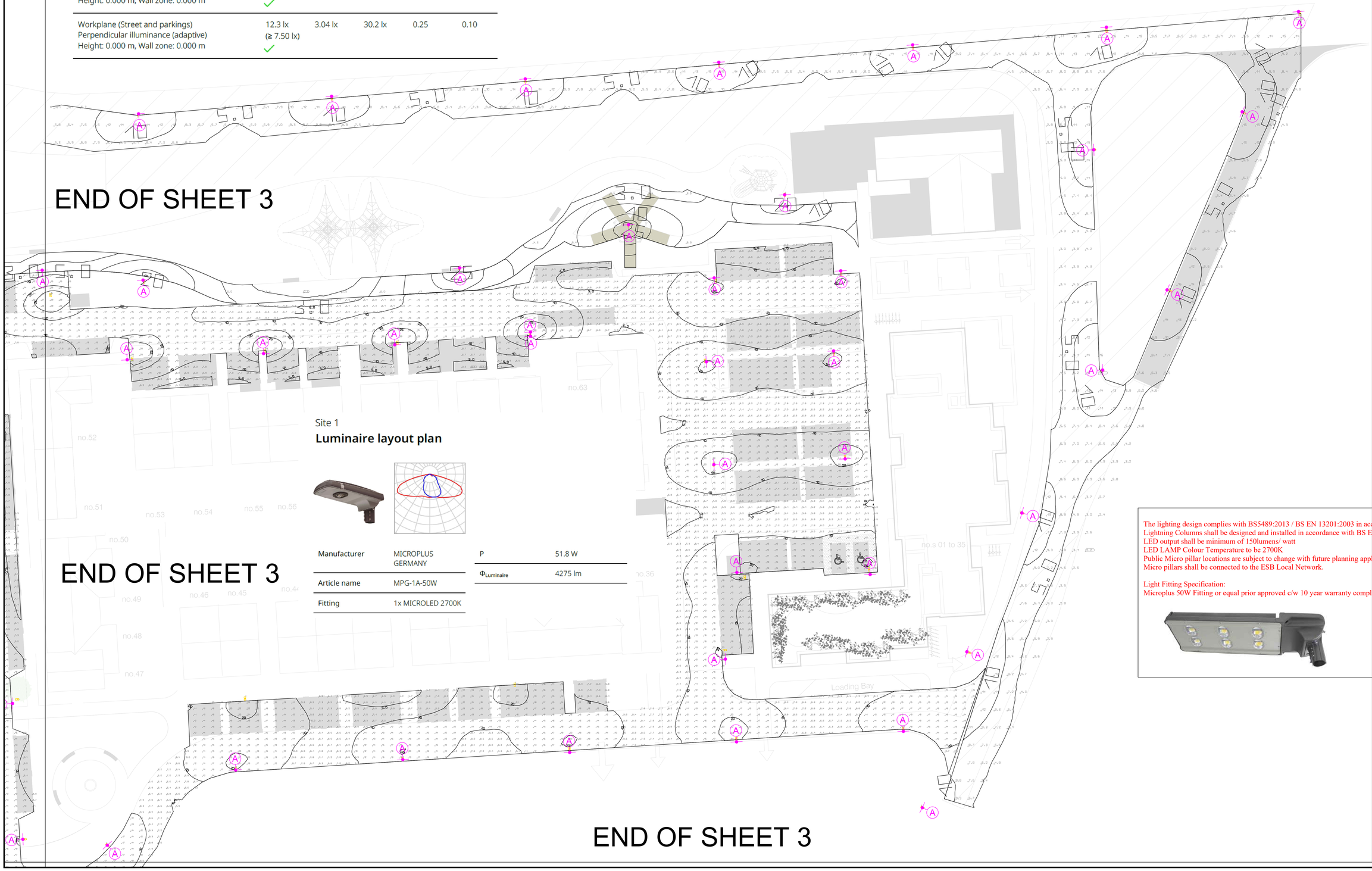
SHEET 3

Calculation objects

Work planes

Properties	$\bar{E}$ (Target)	E_{min}	E_{max}	g_1	g_2
Workplane (Rosshill Road) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	8.31 lx (≥ 7.50 lx) ✓	2.15 lx	17.3 lx	0.26	0.12
Workplane (Garden) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	11.6 lx (≥ 7.50 lx) ✓	1.58 lx	37.2 lx	0.14	0.042
Workplane (Street and parkings) Perpendicular illuminance (adaptive) Height: 0.000 m, Wall zone: 0.000 m	12.3 lx (≥ 7.50 lx) ✓	3.04 lx	30.2 lx	0.25	0.10

END OF SHEET 3



Site 1

Luminaire layout plan

Manufacturer	MICROPLUS GERMANY	P	51.8 W
Article name	MPG-1A-50W	$\Phi_{Luminaire}$	4275 lm
Fitting	1x MICROLED 2700K		

END OF SHEET 3

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 2700K
Public Micro pillar locations are subject to change with future planning applications and ESB approval.
Micro pillars shall be connected to the ESB Local Network.

Light Fitting Specification:
Microplus 50W Fitting or equal prior approved c/w 10 year warranty complete with individual photcell.

END OF SHEET 3

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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.

Rev	Description	Date
P3	General Issue	22/06/21
P2	Site Revised - Issued for Planning	12/05/21
P1	Issued for Planning	25/01/21

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FAIRGREEN HOUSE,
FAIRGREEN RD, GALWAY

Architect: O'NEILL O'MALLEY
TECHNOLOGY HOUSE,
GALWAY

Project: PROVISION FOR WAYLEAVES
ROSSHILL, GALWAY CITY

Drawing: ELECTRICAL INSTALLATION
LIGHTING SERVICES
SITE LAYOUT - SHEET 3

Proj Ref | 19.1849	Drg Ref | E100	Scale | 1:200 @ A0	
Drawn | GJA	Checked | MF	Approved | JM	

Drawing Status:
Preliminary ☐ For Approval ☐ Tender Issue ☐
For Information ✓ For Comment ☐ Contract Issue ☐