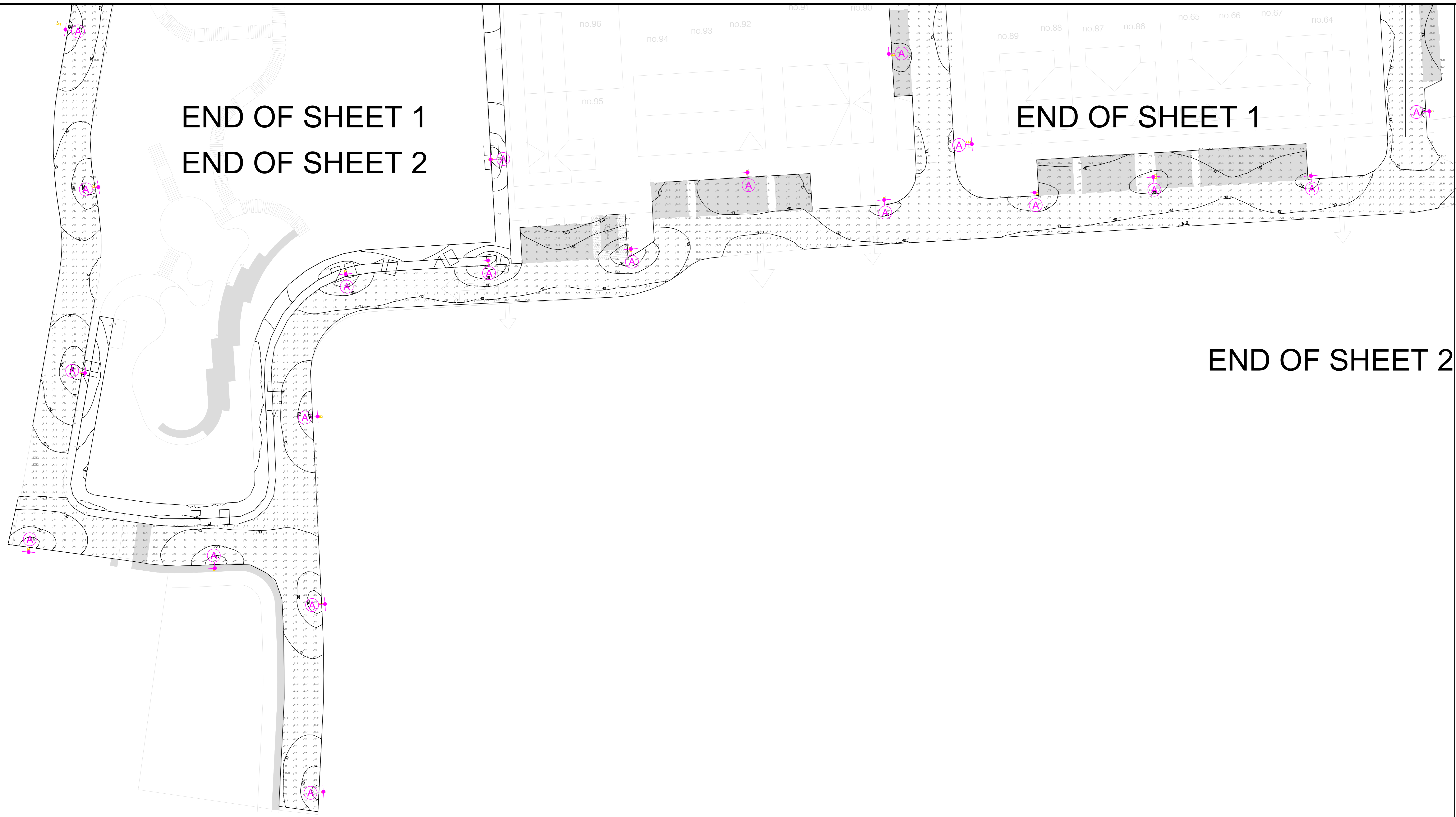


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 This drawing is to be read in conjunction with all relevant structural drawings and specifications.
 All dimensions in millimeters. Do not scale from this drawing. Only use figured dimensions only.
 Contractor must verify all dimensions on site prior to installation of services and production of working drawings.



END OF SHEET 1
 END OF SHEET 2

END OF SHEET 1

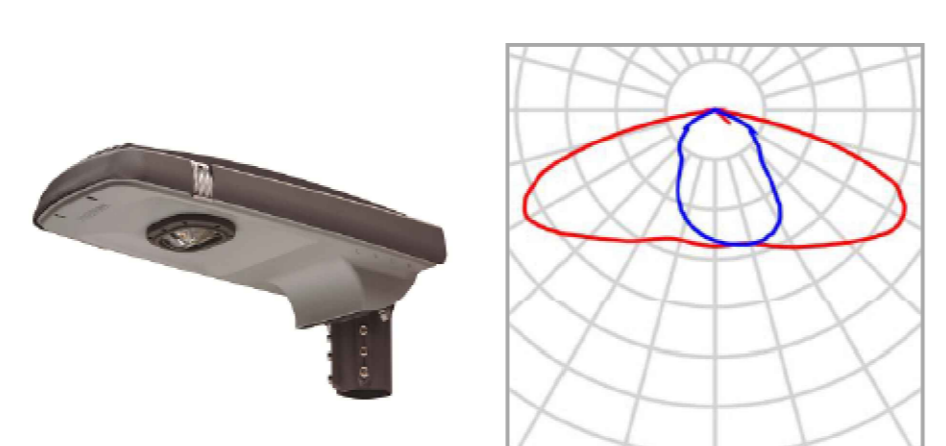
END OF SHEET 2

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

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		

NOTES:

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 photocell.



SHEET 2

P3	General Issue	22/09/21
P2	Site Revised - Issued for Planning	12/05/21
P1	Issued for Planning	20/01/21
Rev	Description	Date

MOLONEYFOX
 CONSULTING ENGINEERS

Client: ALBER DEVELOPMENTS LTD.
 FARRGREEN HOUSE,
 FARRGREEN 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 2

Proj Ref | 19.1849 | Dwg 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