

SHEET 1

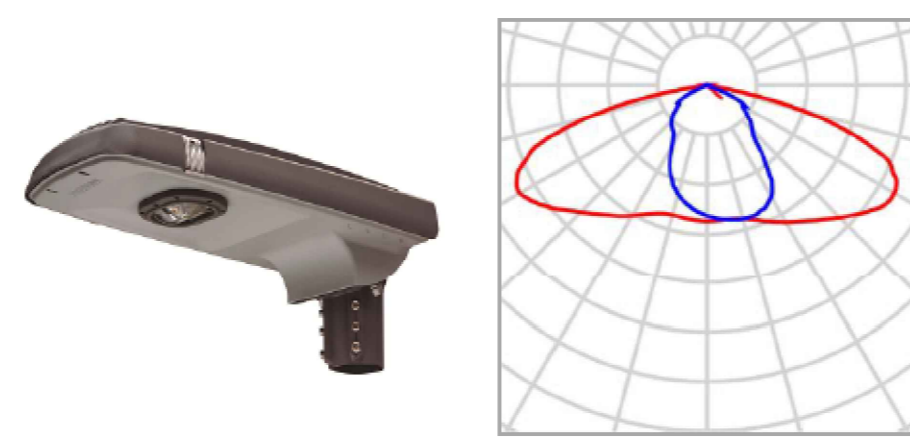
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This drawing is to be read in conjunction with all relevant mechanical and electrical drawings and specifications.
All dimensions in millimeters. Do not scale from this drawing. Only use figured dimensions only.
Contractor must verify all dimensions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

Calculation objects

Work planes

Properties	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	Φ Luminaire	4275 lm
Fitting	1x MICROLED 2700K		

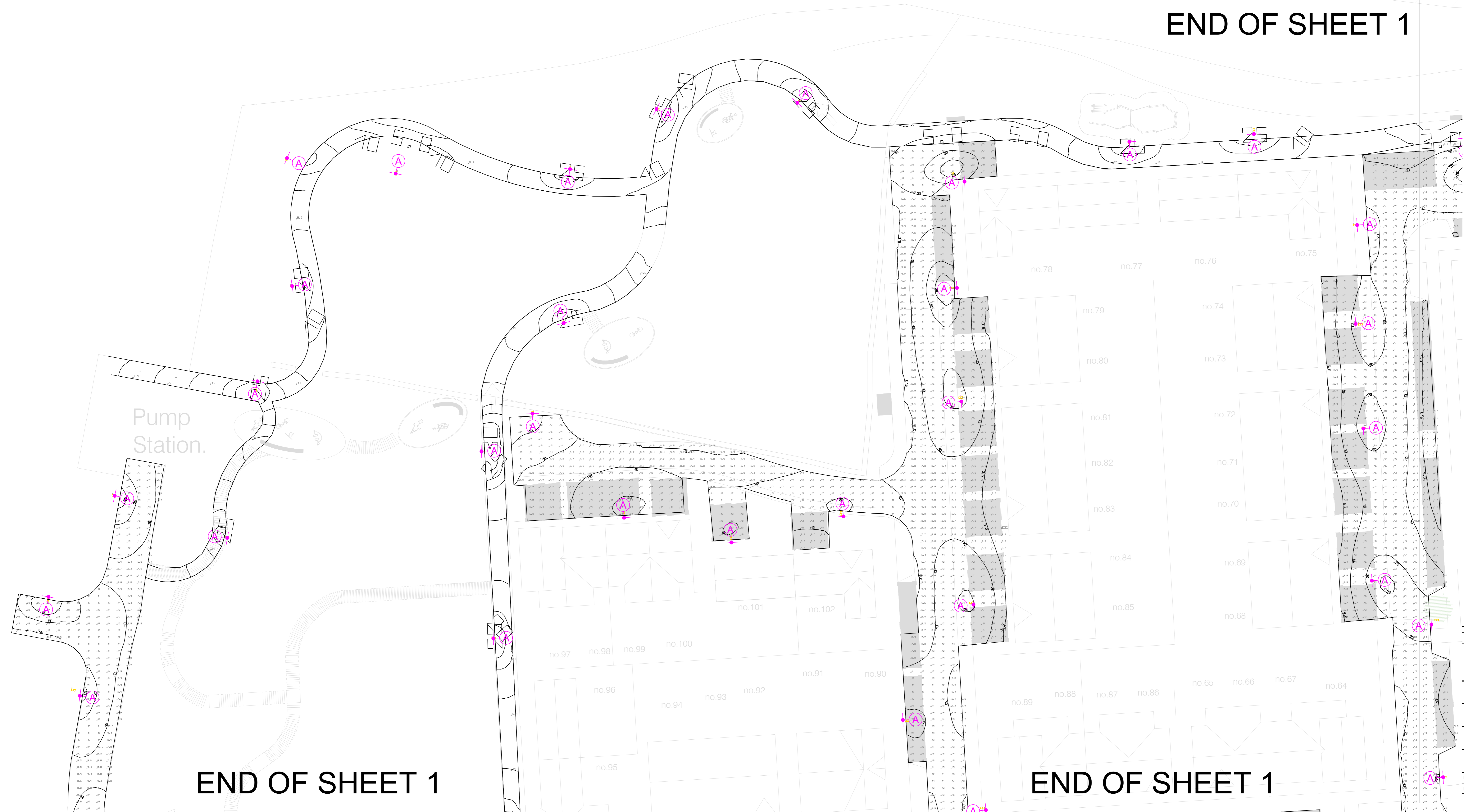
NOTES:

The lighting design complies with BSS489:2013 / BS EN 13201:2003 in accordance with lighting class P3
Lighting 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.



END OF SHEET 1



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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
Client: ALBER DEVELOPMENTS LTD. 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 1		
Proj Ref 19.1849 Dwg Ref E100 Scale 1:200 @ A0		
Drawn GJA	Checked MF	Approved JM
Drawing Status:		
<input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> For Approval <input type="checkbox"/> For Comment	<input type="checkbox"/> Tender Issue <input type="checkbox"/> Contract Issue	