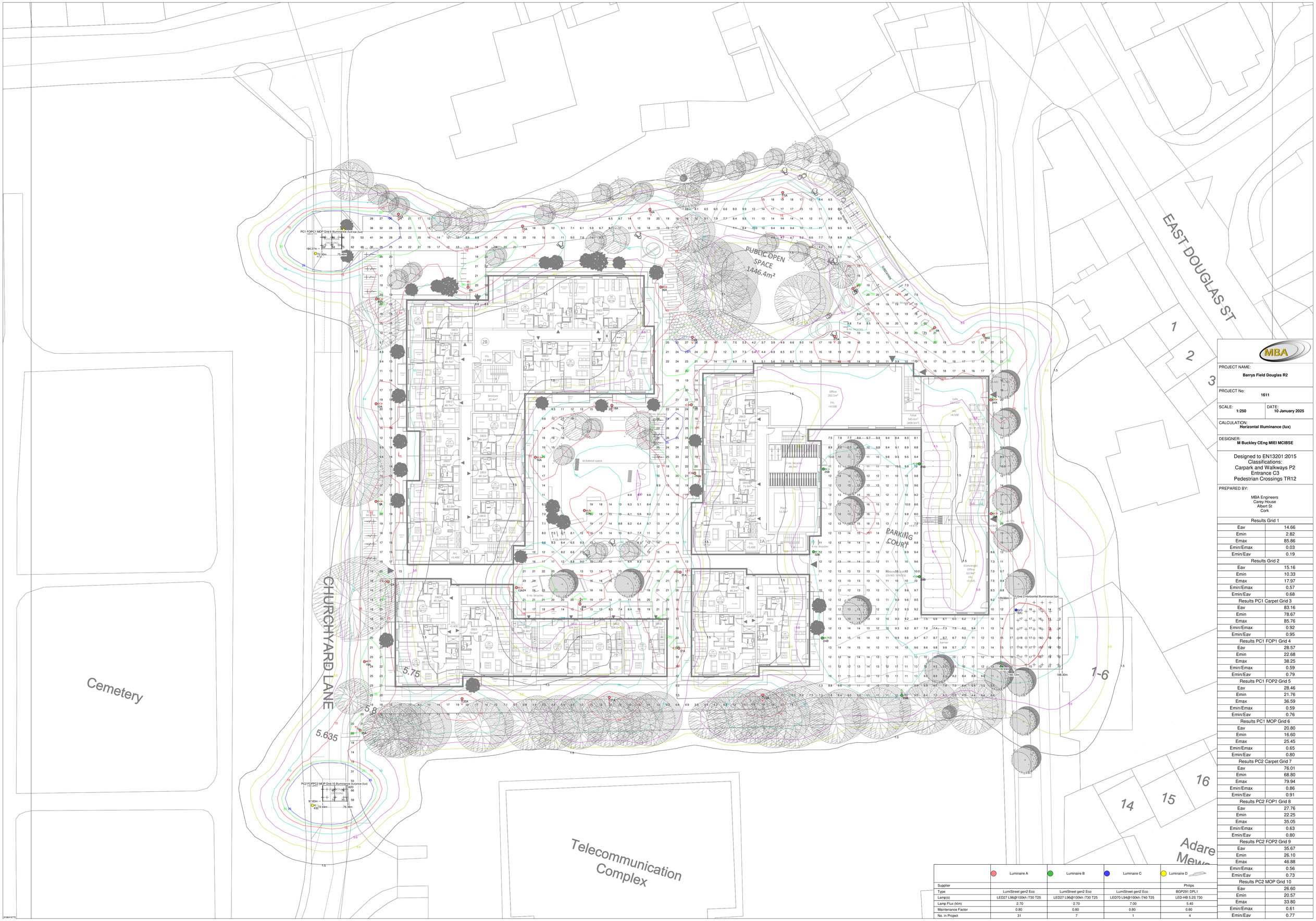

	Luminaire A	Luminaire B	Luminaire C	Luminaire D
Supplier				Philips
Type	LumiStreet gen2 Eco	LumiStreet gen2 Eco	LumiStreet gen2 Eco	BGP291 DPL1
Lamp(s)	LED27 L96@100kh /730 T25	LED27 L96@100kh /730 T25	LED70 L94@100kh /740 T25	LED-HB 5.2S 730
Lamp Flux (klm)	2.70	2.70	7.00	5.40
Maintenance Factor	0.80	0.80	0.80	0.80
No. in Project	31	7	1	4

MBA

PROJECT NAME:
Barrys Field Douglas R2

PROJECT No:
1611

SCALE: **1:250**

DATE: **10 January 2025**

CALCULATION:
Horizontal Illuminance (lux)

DESIGNER:
M Buckley CEng MIEI MCIBSE

Designed to EN13201:2015
Classifications:
Carpark and Walkways P2
Entrance C3
Pedestrian Crossings TR12

PREPARED BY:

MBA Engineers
Carey House
Albert St
Cork

Results Grid 1	
Eav	14.66
Emin	2.82
Emax	85.86
Emin/Emax	0.03
Emin/Eav	0.19
Results Grid 2	
Eav	15.16
Emin	10.33
Emax	17.97
Emin/Emax	0.57
Emin/Eav	0.68
Results PC1 Carpet Grid 3	
Eav	83.16
Emin	78.67
Emax	85.76
Emin/Emax	0.92
Emin/Eav	0.95
Results PC1 FOP1 Grid 4	
Eav	28.57
Emin	22.68
Emax	38.25
Emin/Emax	0.59
Emin/Eav	0.79
Results PC1 FOP2 Grid 5	
Eav	28.46
Emin	21.76
Emax	36.59
Emin/Emax	0.59
Emin/Eav	0.76
Results PC1 MOP Grid 6	
Eav	20.80
Emin	16.60
Emax	25.45
Emin/Emax	0.65
Emin/Eav	0.80
Results PC2 Carpet Grid 7	
Eav	76.01
Emin	68.80
Emax	79.94
Emin/Emax	0.86
Emin/Eav	0.91
Results PC2 FOP1 Grid 8	
Eav	27.76
Emin	22.25
Emax	35.05
Emin/Emax	0.63
Emin/Eav	0.80
Results PC2 FOP2 Grid 9	
Eav	35.67
Emin	26.10
Emax	46.88
Emin/Emax	0.56
Emin/Eav	0.73
Results PC2 MOP Grid 10	
Eav	26.60
Emin	20.57
Emax	33.80
Emin/Emax	0.61
Emin/Eav	0.77