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 This drawing is to be read in conjunction with all relevant structural drawings and specifications.
 All dimensions in millimetres. 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.

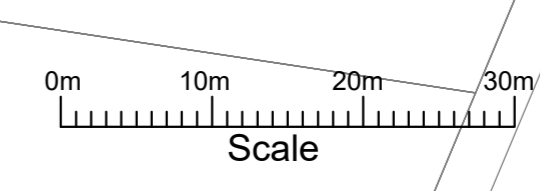


LumNo	Label	X	Y	Z	Orient	Tilt
1	M306	484.4	200.8	0	270	15
2	M306	564.7	198.9	0	270	15
3	M306	347.3	195.7	0	270	15
4	M306	431.9	196.1	0	270	15
5	M306	390.9	162.9	0	270	15
6	M306	304.4	162.3	0	270	15
7	M306	251.1	164.8	0	270	15
8	M306	295.7	186	0	260.5	15
9	M306	160.2	184.8	0	272.5	15
10	M306	116.848	181.55	0	350	15
11	M306	96.8	177.7	0	348.9	15
12	M306	237.4	174.8	0	278	15
13	M306	453.9	172.1	0	7	15
14	M306	182.1	169.8	0	170	15
15	M306	140	166.3	0	185	15
16	M306	249.8	167.5	0	173	15
17	M306	284	165.2	0	0	15
18	M306	389	161.7	0	2	15
19	M306	564.5	160.9	0	353.8	15
20	M306	78.9	144.9	0	348.9	15
21	M306	456.2	136.7	0	3.6	15
22	M306	161.4	134.2	0	171.8	15
23	M306	599.2	134.1	0	350.2	15
24	M306	392.1	121.9	0	2	15
25	M306	216.9	120.3	0	381	15
26	M306	83.9	117.7	0	265	15
27	M306	111.7	113.8	0	265	15
28	M306	484.9	111.3	0	94	15
29	M306	138.1	110.2	0	261.6	15
30	M306	550.7	107.9	0	387.3	15
31	M306	486.3	106	0	184	15
32	M306	155.953	100.839	0	171.8	15
33	M306	64.8	95.6	0	345	15
34	M306	306.4	95.9	0	272.6	15
35	M306	211.7	92.4	0	381	15
36	M306	456.6	88.6	0	90	15
37	M306	436.9	88.5	0	162.8	15
38	M306	539	87.7	0	0	15
39	M306	161.1	83.5	0	385	15
40	M306	331.4	83.9	0	90	15
41	M306	294.4	77.2	0	90	15
42	M306	291.8	75.1	0	162.4	15
43	M306	153.4	65.6	0	171.8	15
44	M306	252.6	63.7	0	181.8	15
45	M306	210.3	60.7	0	351	15
46	M306	55.7	54.5	0	345	15

LumNo	Label	X	Y	Z	Orient	Tilt
47	M306	484.3	63.3	0	32.4	15
48	M306	528.9	52.9	0	337.3	15
49	M306	499.2	51.6	0	356	15
50	M306	439.4	52.2	0	162.8	15
51	M306	123.3	49	0	81.4	15
52	M306	162	43.6	0	62.8	15
53	M306	199.5	38.5	0	82.8	15
54	M306	44.8	37.5	0	261.9	15
55	M306	237.7	34.7	0	92.6	15
56	M306	498.2	27.3	0	0	15
57	M306	406.1	24.6	0	273.7	15
58	M306	573.4	22.3	0	337.3	15
59	M306	441	22	0	182.8	15
60	M306	254.2	16.2	0	177.9	15
61	M306	349.7	15.6	0	184.4	15
62	M306	349.5	13.8	0	264.6	15
63	M306	379.6	2.7	0	6	15
64	M306	407.9	-4.3	0	96	15
65	M306	356.6	-5.8	0	6	15
66	M306F	571.8	200.9	0	3.8	15
67	M306F	560.7	181.3	0	270	15
68	M306F	536.5	180.3	0	270	15
69	M306F	519.4	192.1	0	3.8	15
70	M306F	318.7	167.8	0	2.7	15
71	M306F	175.7	164.5	0	289.4	15
72	M306F	206.3	159	0	262	15
73	M306F	545.6	147.8	0	93.5	15
74	M306F	551.2	142.8	0	3.8	15
75	M306F	234.3	142.2	0	171.2	15
76	M306F	287.7	139.4	0	181.5	15
77	M306F	326.6	133.9	0	3.8	15
78	M306F	546.1	127.8	0	272.6	15
79	M306F	265.8	114.2	0	92.4	15
80	M306F	517.8	113.3	0	93.1	15
81	M306F	322	109.6	0	2	15
82	M306F	284	108.1	0	181.7	15
83	M306F	497.9	100.3	0	4.5	15
84	M306F	138.4	91.6	0	173	15
85	M306F	490.5	77.9	0	4.5	15
86	M306F	520.8	72.7	0	274.1	15
87	M306F	135.5	69.3	0	173	15
88	M306F	359.2	64.4	0	1.1	15
89	M306F	310.1	60	0	1.6	15
90	M306F	311	37.7	0	1.6	15
91	M306F	360.9	37.2	0	1.1	15
92	M306F	313	7.8	0	1.6	15

Calculation Summary										
Description	Class (BS449-1:2013)	Avg	Max	Min	Min/Avg	Min/Max	Units	PtSpClx	PtSpTd	# Pts
Road	P3	6.03	29.5	1.2	0.20	0.04	Lux	1.5	1.5	10802
Path 1	P3	7.27	28.8	1.2	0.17	0.04	Lux	1.5	1.5	802
Path 2	P3	6.71	29.1	1.3	0.19	0.04	Lux	1.5	1.5	262

Luminaire Schedule									
Symbol	Qty	Label	Lum. Lumens	MF	SP Ratio	Description	Filename	MF	SP Ratio
■	85	M306	4019	0.760	1.40	Metro Streetlight 38W 16 LED 700mA 4000K Street Optic R01	SMTA12LGA.R01.ies	0.760	1.40
■	27	M306F	4050	0.760	1.40	Metro Streetlight 38W 16 LED 700mA 4000K Forward Throw Optic	SMTA12LGA.FT.ies	0.760	1.40



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 FAIRGREEN HOUSE,
 FAIRGREEN RD, GALWAY

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

Project: **PROVISION FOR WAYLEAVES**
 RESIDENTIAL DEVELOPMENT

Drawing: **ELECTRICAL INSTALLATION**
 LIGHTING SERVICES
 SITE LAYOUT

Proj Ref: 19-1849 | Dwg Ref: E100 | Scale: 1:500 @ A0
 Drawn: GJA | Checked: MF | Approved: JMT
 Date: 16/07/19