



Client: Glenveagh Homes LTD
 Project ref: Mooretown Phase 2
 Document ref: Public lighting Volt drop
 Issue Date: May-26
 Revision: 00

Circuit	No of. Fittings	Load [kw]	Ib	Cable Type	Cable size	Cable current carrying rating	Iz	Circuit length	Volt Drop factor	Max Volt Drop	Actual volt drop
						Table 4D4A			Table 4D4B	5%	
PL-01-C1	6	0.17	0.7391	NYCY	6mm2	59	59	170	7.3	11.5	0.91726
PL-01-C2	5	0.15	0.6391	NYCY	6mm2	59	59	196	7.3	11.5	0.91447
PL-01-C3	4	0.12	0.5391	NYCY	6mm2	59	59	142	7.3	11.5	0.55886
PL-02-C1	5	0.16	0.6739	NYCY	6mm2	59	59	116	7.3	11.5	0.57067
PL-03-C1	3	0.09	0.3696	NYCY	6mm2	59	59	129	7.3	11.5	0.34802
PL-03-C2	2	0.06	0.2696	NYCY	6mm2	59	59	74	7.3	11.5	0.14562
PL-03-C3	1	0.03	0.1348	NYCY	6mm2	59	59	52	7.3	11.5	0.05116
PL-04-C1	4	0.12	0.5217	NYCY	6mm2	59	59	91	7.3	11.5	0.34659
PL-04-C2	4	0.12	0.5217	NYCY	6mm2	59	59	108	7.3	11.5	0.41134
PL-05-C1	2	0.06	0.2696	NYCY	6mm2	59	59	58	7.3	11.5	0.11413
PL-05-C2	4	0.12	0.5217	NYCY	6mm2	59	59	128	7.3	11.5	0.48751
PL-06-C1	3	0.09	0.3696	NYCY	6mm2	59	59	98	7.3	11.5	0.26439
PL-06-C2	6	0.18	0.7739	NYCY	6mm2	59	59	210	7.3	11.5	1.18641

