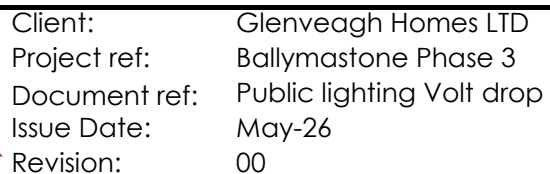




Client: Glenveagh Homes LTD
Project ref: Ballymastone Phase 3
Document ref: Public lighting Volt drop
Issue Date: May-26
Revision: 00

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	5	0.07	0.2826	NYCY	6mm2	59	59	109	7.3	11.5	0.22487
PL-01-C2	5	0.09	0.3696	NYCY	6mm2	59	59	293	7.3	11.5	0.79046
PL-01-C3	3	0.03	0.1174	NYCY	6mm2	59	59	58	7.3	11.5	0.0497
PL-02-C1	5	0.17	0.7565	NYCY	6mm2	59	59	238	7.3	11.5	1.31438
PL-02-C2	2	0.04	0.1652	NYCY	6mm2	59	59	135	7.3	11.5	0.16282
PL-02-C3	5	0.13	0.5435	NYCY	6mm2	59	59	154	7.3	11.5	0.61098
PL-03-C1	6	0.17	0.7565	NYCY	6mm2	59	59	179	7.3	11.5	0.98855
PL-03-C2	5	0.15	0.6304	NYCY	6mm2	59	59	260	7.3	11.5	1.19657
PL-04-C1	3	0.09	0.3783	NYCY	6mm2	59	59	125	7.3	11.5	0.34516
PL-04-C2	6	0.13	0.5826	NYCY	6mm2	59	59	200	7.3	11.5	0.85061
PL-05-C1	5	0.05	0.1957	NYCY	6mm2	59	59	201	7.3	11.5	0.28708
PL-05-C2	6	0.17	0.7565	NYCY	6mm2	59	59	193	7.3	11.5	1.06586
PL-05-C3	6	0.11	0.4957	NYCY	6mm2	59	59	288	7.3	11.5	1.04206

[illegible]