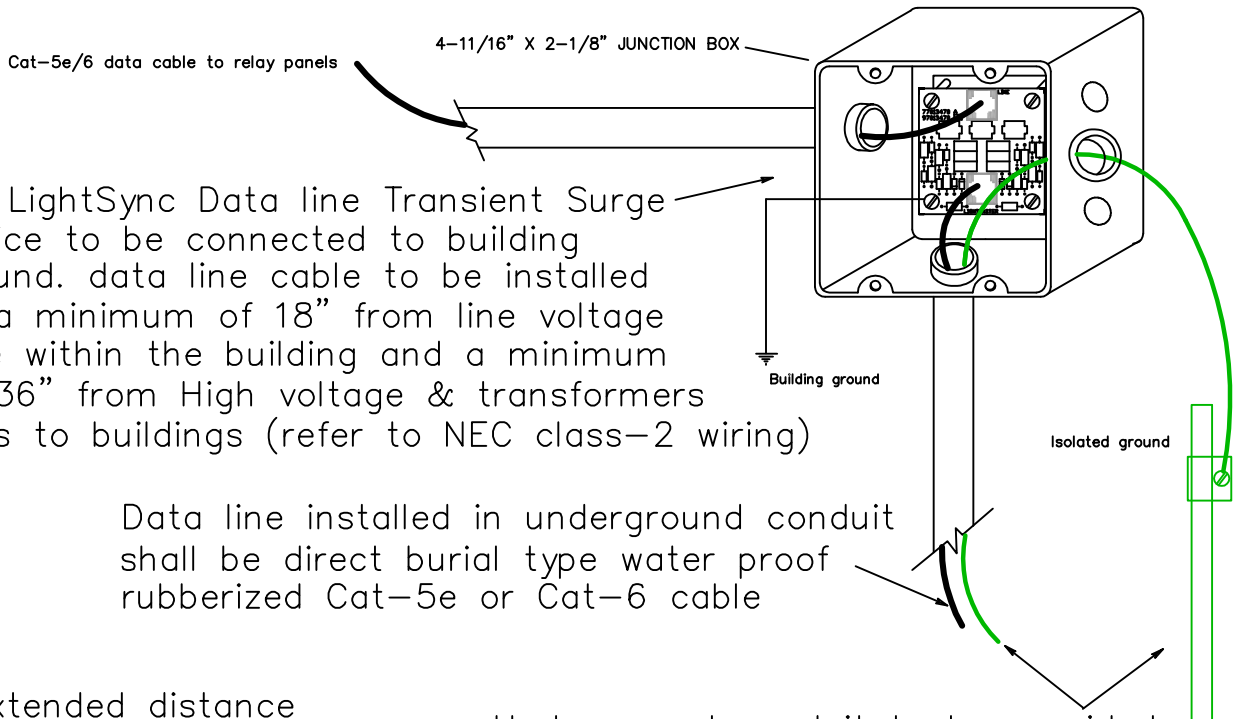
UNDERGROUND DATA CABLE INSTALLATION

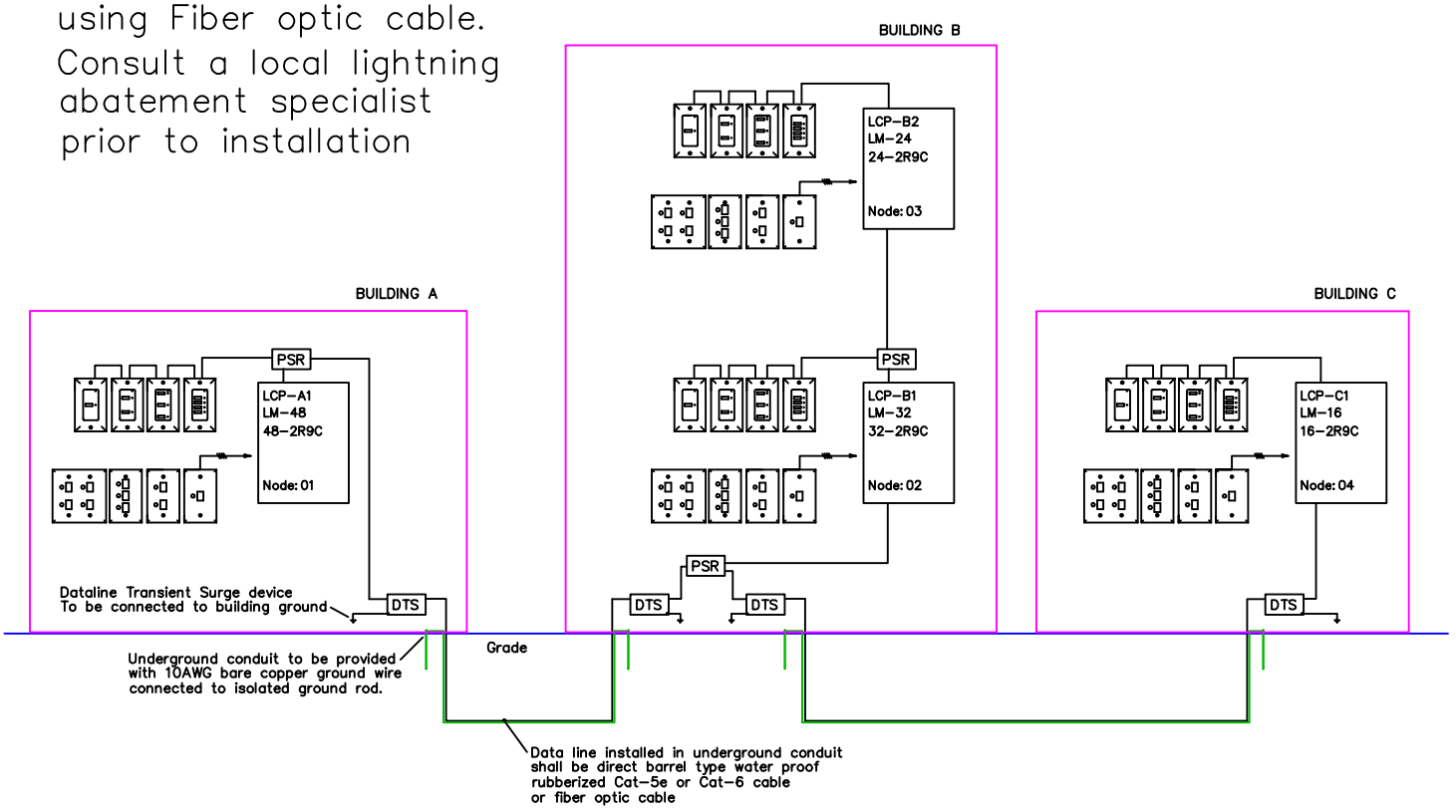


ILC LightSync Data line Transient Surge device to be connected to building ground. data line cable to be installed at a minimum of 18" from line voltage wire within the building and a minimum of 36" from High voltage & transformers runs to buildings (refer to NEC class–2 wiring)

Data line installed in underground conduit shall be direct burial type water proof rubberized Cat–5e or Cat–6 cable

Underground conduit to be provided with 10AWG bare copper ground wire connected to isolated ground rod.

For extended distance runs and higher isolation levels in high lightning strike areas ILC recommends using Fiber optic cable. Consult a local lightning abatement specialist prior to installation



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Project: TYPICAL

Title: UNDERGROUND DATA CABLE INSTALLATION

NUMBER	REVISIONS	DATE	SHEET INFORMATION
1	–	–	DATE: 1-10
			SCALE: NONE
			DRAWN BY: JM

GO#: TYPICAL

Sheet: UDCI