**All Network Segments**

Note: Each network segment shall not exceed 56 devices (panels, switches, sensors) or 1,500 ft of wire. The quantity of panels, switches, and sensors shown is to illustrate conceptual wiring scheme only. The actual connection and number of devices will be determined by actual locations on the plans.

**LXCOMMUNICATION-Nelson Notes:**

1. The LX network is a single communication network, it can operate using any topology (Star or combination of topologies including Star and Tree configurations).
2. Network cable (either Belden 8471 or Alpha-Cable 104820 or nothing else). Maximum total wire length per network segment (without requiring the use of the LX Router/Repeater Module) shall not exceed 1,500 ft. Up to 56 devices can be supported per network segment.
3. Additional Link Power Modules (LX-PWM) will be needed if the network exceeds 1,500 feet per network segment or 56 devices per network segment, when multiple Link Power Modules (LX-PWM) are used, they must have a LX Router/Repeater Module (LX-PWRM) between them.
4. All network wiring must be routed through the top of the lighting control panel enclosure to the low voltage section of the interior.
5. Do not use shielded cable.