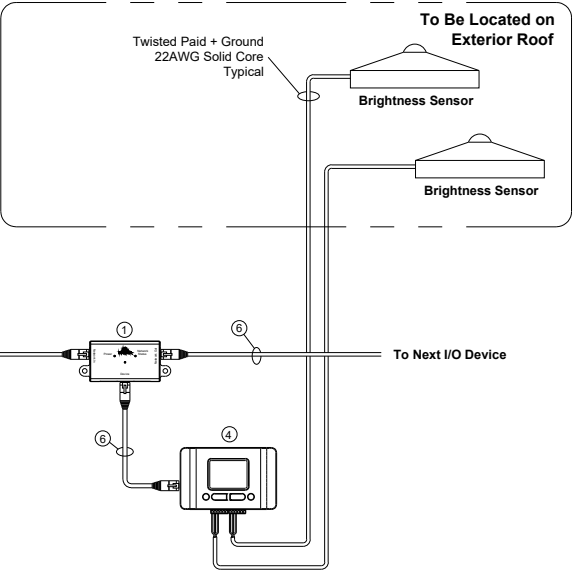
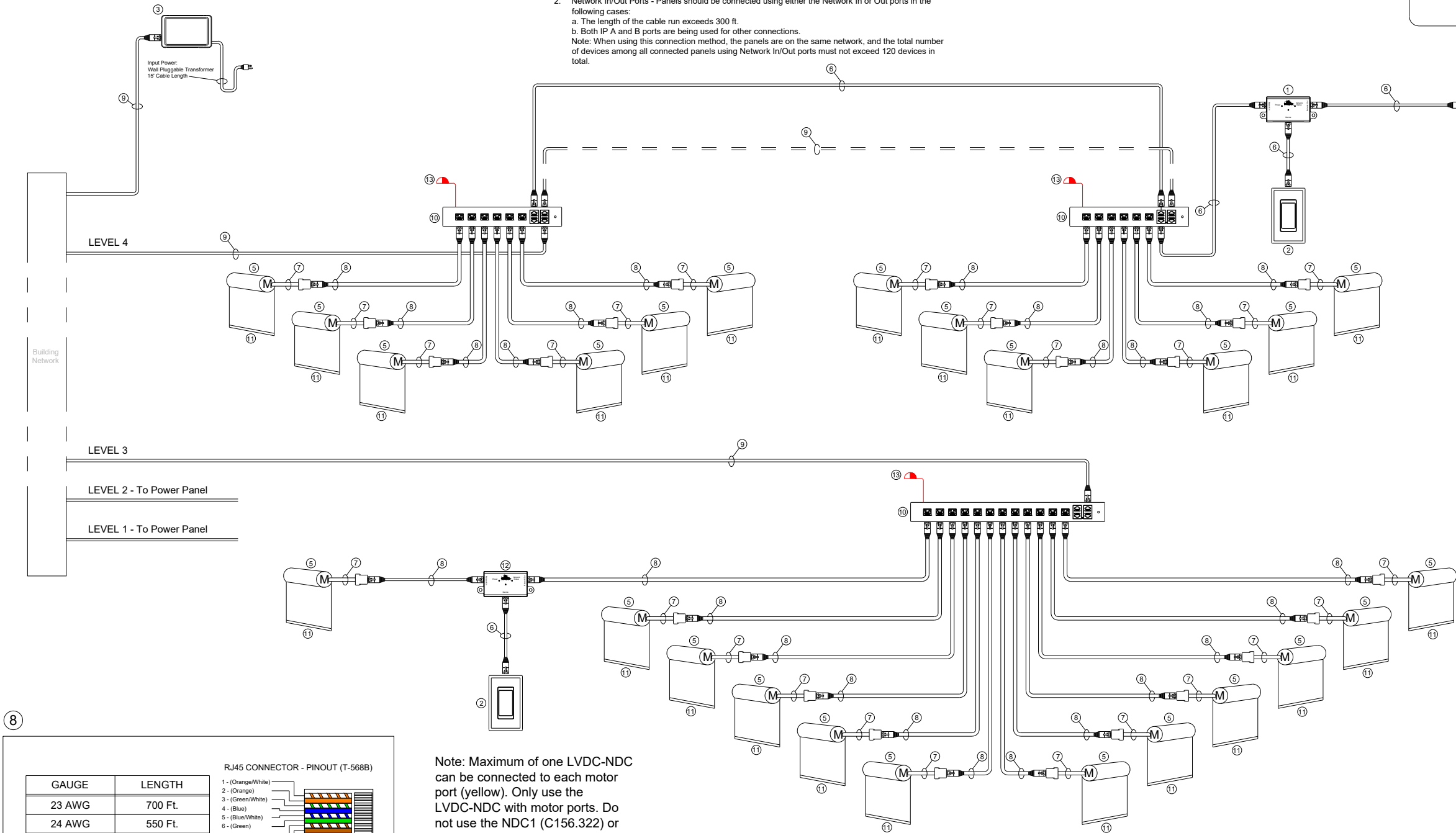


NOTES

- A. Wiring layouts are indicative only. It is the responsibility of others to determine the specific requirements and compliance with the local electrical code.
- B. All wiring and connections should be completed in compliance with Local and State Code.
- C. Actual location of control system hardware to be coordinated by others.

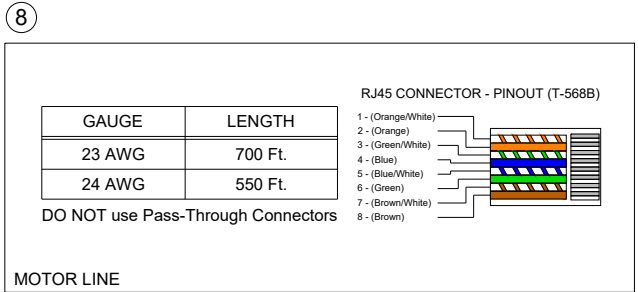
Connections between power panels can be made in one of two ways:

- IP A/B - This is the preferred method for the connection. The cable can connect to either the IP A or B port on each panel. This connection creates a new network for each panel, allowing a maximum of 120 devices per panel.
- Network In/Out Ports - Panels should be connected using either the Network In or Out ports in the following cases:
 - The length of the cable run exceeds 300 ft.
 - Both IP A and B ports are being used for other connections.Note: When using this connection method, the panels are on the same network, and the total number of devices among all connected panels using Network In/Out ports must not exceed 120 devices in total.



System Components

	System Components
1	Intelliflex I/O Network Device Connector (NDC1) UL Certified, Plenum Rated Part # C156.322
2	Intelliflex I/O Single Zone / Dual Zone Wall Switch Part# C112.161 / C112.162
3	Intelliflex I/O Central Network Controller Part# C156.271
4	Intelliflex I/O Schedule Sensor Interface + Part# C156.304
5	Intelliflex I/O LVDC Smart Motor Part# C047.342
6	Intelliflex I/O Bus Line - Low Voltage (BY OTHERS) CAT 5E Cable, straight thru connection with RJ45 termination. Overall wire length not to exceed 4000 ft.
7	Intelliflex I/O LVDC Motor Cable CAT 6 Data Cable, straight thru connection with Female RJ45 (8P8C) termination. 1 ft. Standard Length.
8	Intelliflex I/O Motor Line - Low Voltage (BY OTHERS) Cat 6E Cable, straight thru connection with RJ45 termination.
9	Ethernet Cable - Low Voltage (BY OTHERS) CAT 5E or 6 Cable, straight thru connection with RJ45 termination. Not to exceed 300 ft.
10	LVDC6 (C156.315), LVDC6 w/ Enclosure (C156.315SA), LVDC12 (C156.316) or LVDC12 w/ Enclosure (C156.316SA)
11	Roller Shade
12	Intelliflex I/O Network Device Connector for Low Voltage DC System, UL Certified, Plenum Rated. Part # C156.321
13	Input Power - 120VAC (BY OTHERS) LVDC6 - 4.8A Max LVDC12 - 8.0A Max



Note: Maximum of one LVDC-NDC can be connected to each motor port (yellow). Only use the LVDC-NDC with motor ports. Do not use the NDC1 (C156.322) or NDC3 (C156.311).



DRAWING NAME

Intelliflex I/O LVDC System
Typical Riser Diagram

PROJECT NOTES

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REVISION DESCRIPTION

MM-DD-YY

BY

○	SUBMITTED FOR REVIEW	09-08-23	BJM
○	REVISION 1	09-19-23	BJM
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