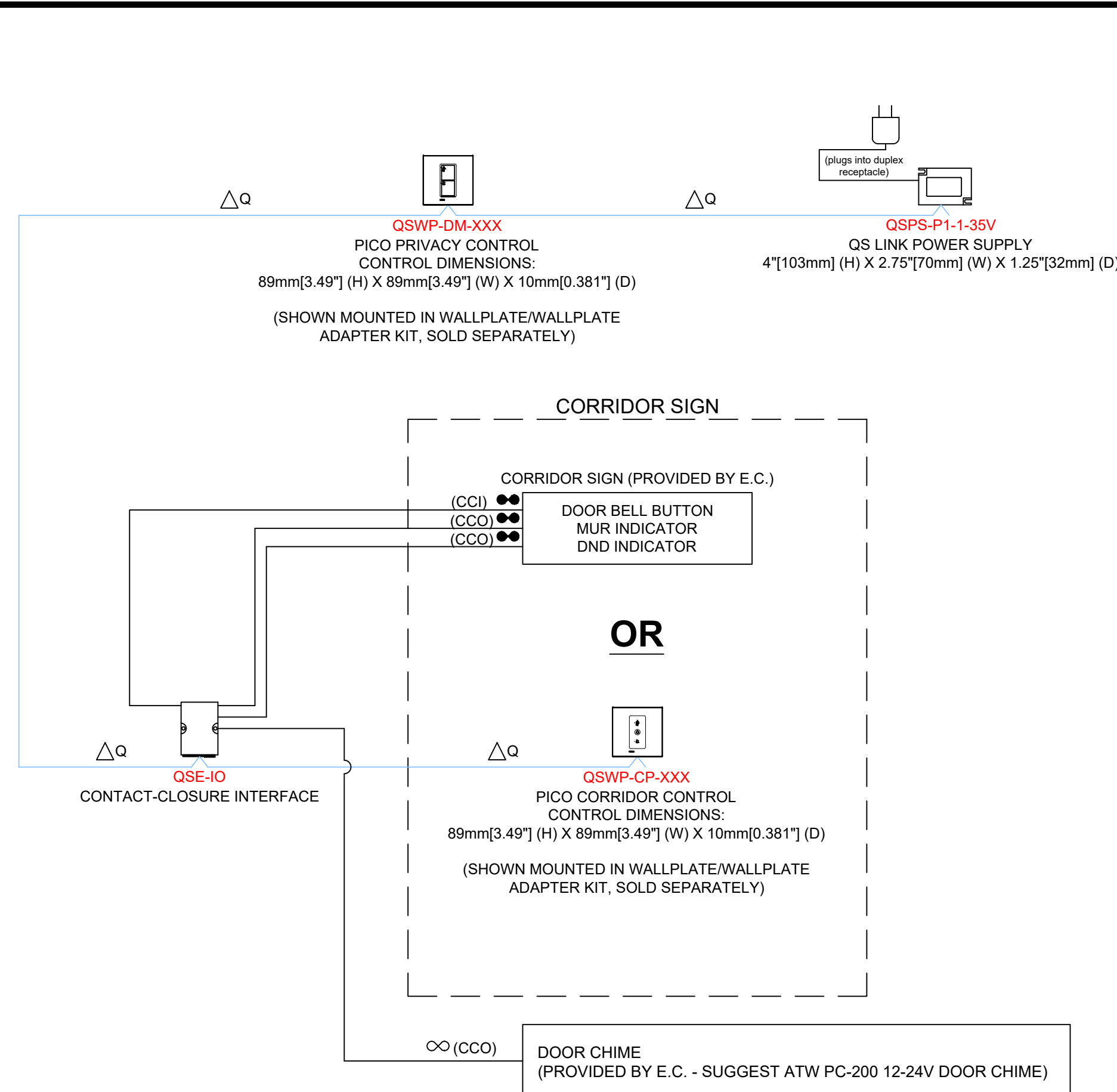
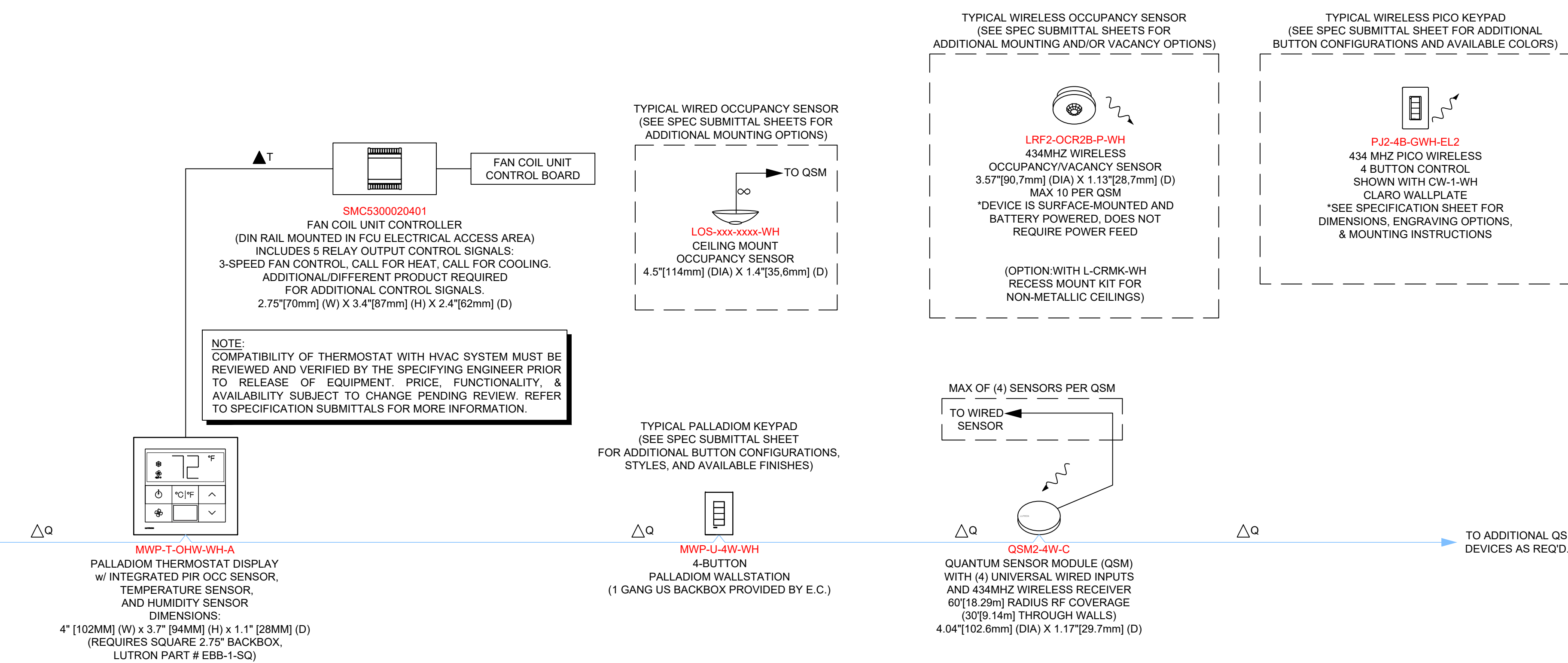


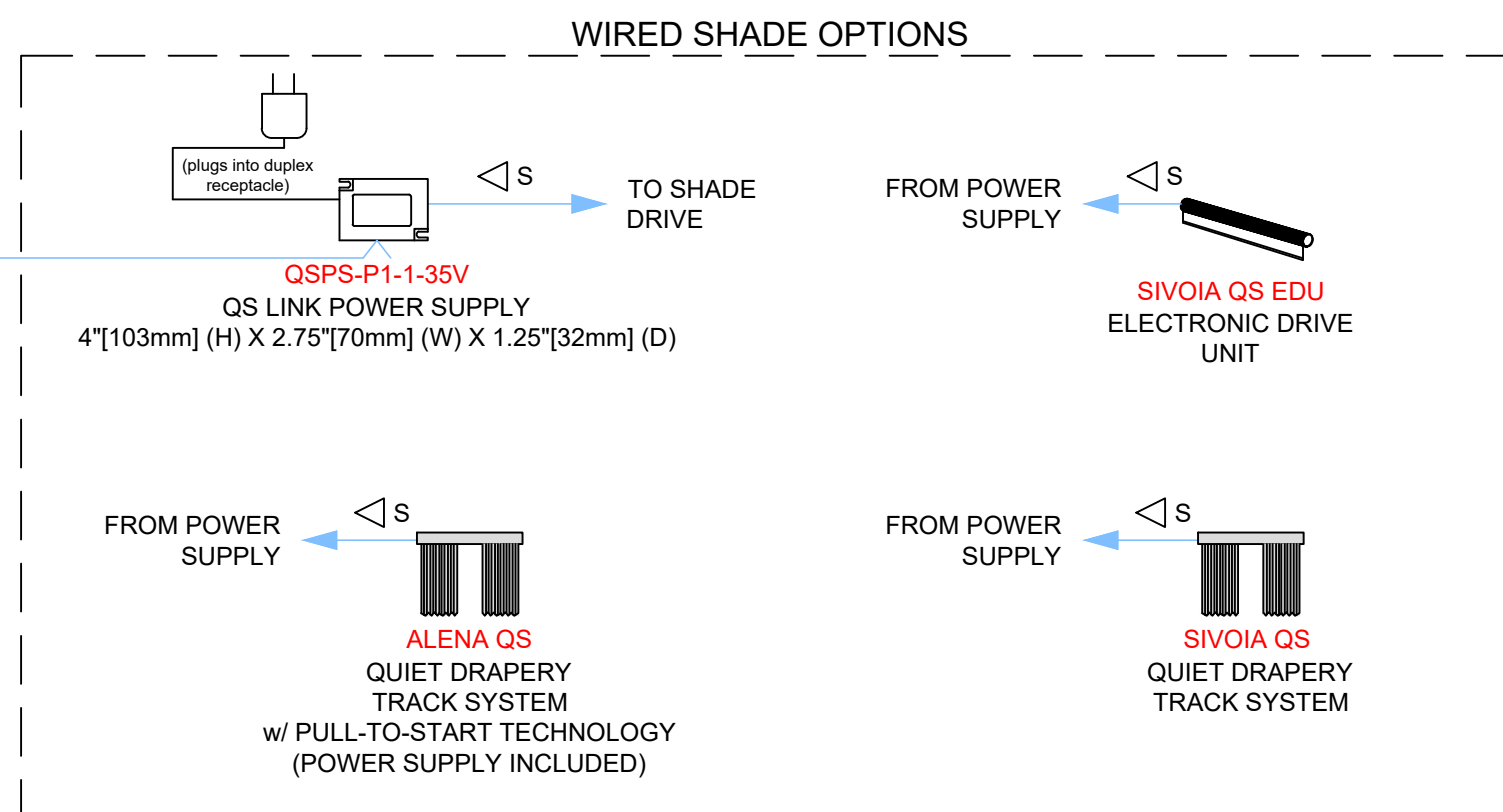
LIGHTING CONTROL OPTIONS



OPTIONAL STANDALONE DND/MUR CONTROL



WIRED QS CONTROL OPTIONS



INTEGRAL WIRED SHADE OPTIONS

WIRING LEGEND:

- △ QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
- △ QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
- △ QS CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
- △ THERMOSTAT CONTROL LINK (SEE WIRE DESCRIPTION BELOW)
- △ QS LINK POWER SUPPLY (REFER TO QS SMART PANEL POWER SUPPLY WIRING GUIDE FOR SHADE WIRING NOTES)

TOTAL CONTROL LINK LENGTH	WIRE GAUGE	AVAILABLE FROM LUTRON IN ONE CABLE:
LESS THAN 500' (153 m)	POWER (TERMINALS 142) 1 PAIR 18 AWG (1.6 mm ²) DATA (TERMINALS 384) 1 PAIR 22 AWG (0.33 mm ²), TWISTED AND SHIELDED*	GRX-CBL-348S OR GRX-PCBL-348S
500' (153 m) TO 2,000' (609 m)**	POWER (TERMINALS 142) 1 PAIR 12 AWG (4 mm ²) DATA (TERMINALS 384) 1 PAIR 22 AWG (0.33 mm ²), TWISTED AND SHIELDED*	GRX-CBL-46L OR GRX-PCBL-46L

*ALTERNATE DATA-ONLY CABLE: USE APPROVED DATA LINK CABLE (22 AWG [0.33 mm²]) TWISTED/SHIELDED FROM BELDEN (MODEL # 9461).

**TOTAL LENGTH OF THE QS LINK MUST NOT EXCEED 2,000 ft (609 m).

QS INDIVIDUAL POWER SUPPLY (QSPS-PX-1-50 OR QSPS-J-1-50) SHADE WIRING GUIDE	MAXIMUM DEVICES PER ONE OUTPUT	MAXIMUM DISTANCE PER ONE OUTPUT BASED ON WIRE GAUGE
SHADES + CONTROLS	12 AWG (4 mm ²) QSPS-PX-1-50 QSPS-J-1-50	18 AWG (1.5 mm ²) QSPS-PX-1-50 QSPS-J-1-50
1 SINVOA QS SHADE OR DRAPERY	UP TO 1 POWER DRAW UNIT	250 ft (75 m)
		100 ft (30 m)
		50 ft (15 m)

- INPUT POWER (NORMAL-EMERGENCY)
- INPUT POWER (NORMAL)
- 2 #12AWG (4 mm²)
- 3 #12AWG (4 mm²)
- ◆ 0-10V SIGNAL: 2 #18AWG (1.0 mm²)
- 1-WAY RF COMMUNICATION
- 2-WAY RF COMMUNICATION
- 3 #18AWG (1.0 mm²)

WIRING NOTES:

MYROOM PRIME QS LINK RULES

THE FOLLOWING LINK RULES MUST BE OBSERVED FOR PROPER OPERATION:

- 1 QS LINK MAXIMUM
- 50 QS DEVICES PER QS LINK
- 50 SWITCHES PER LINK SWITCH LEGS ARE THE SMALLEST CONTROLLABLE OUTPUTS AND INCLUDE:
 - DIMMED OR SWITCHED CIRCUITS
 - CONTACT CLOSURE OUTPUTS
- 15 OCCUPANCY SENSORS TOTAL (WIRED & WIRELESS)
- WIRED AND WIRELESS SENSORS CANNOT BE COMBINED IN THE SAME SYSTEM
- 50 WALL CONTROLS (PICO® QS KEYPAD, IR, ETC) PER QS LINK
- QS LINK IS TOPOLOGY FREE (CAN BE DART-CHAINED, T-TAPPED, STARRED, ETC.)
- MAXIMUM LINK RUN OF 2000 FT (610 M), USING 12 AWG (4.0 MM²) WIRES FOR POWER PAIR

LED DIMMING REQUIRES AN EXACT MATCH BETWEEN THE LED ARRAY, DRIVER AND CONTROL. LUTRON CANNOT GUARANTEE COMPATIBILITY OR PERFORMANCE WITHOUT TESTING THIS COMBINATION.

TO CONFIRM WHAT PRODUCTS LUTRON HAS AVAILABLE OR WHAT INTERFACES MAY BE REQUIRED, CALL 1-877-DMALED8 OR CHECK LUTRON'S PRODUCT COMPATIBILITY MATRIX ONLINE AT WWW.LUTRON.COM/LED.

TO REQUEST THE TESTING OF AN LED PRODUCT BY LUTRON MANUFACTURERS CAN FILL OUT AN LED EVALUATION, REQUEST FORM ONLINE AT WWW.LUTRON.COM/LED OR CONTACT LED@LUTRON.COM

LUTRON CAN GUARANTEE COMPATIBILITY AND PERFORMANCE OF LUTRON H-LUME A-SERIES LED DRIVERS USED WITH APPROPRIATE LUTRON CONTROLS. THE H-LUME A-SERIES LED DRIVER CAN BE USED ON PRODUCTS UNDER 40 WATTS WITH SUITABLE MOUNTING LOCATIONS. PLEASE REFER TO THE SPECIFICATION SUBMITTAL SHEET FOR FURTHER INFORMATION.

IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING 0-10V CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. PRODUCTS FOLLOWING THE IEC STANDARD 60598 ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

IF USING UNTESTED, NON-LUTRON LED DRIVERS REQUIRING PHASE CONTROL, PERFORMANCE AND COMPATIBILITY CANNOT BE GUARANTEED BY LUTRON. A-SERIES OR ELV PRODUCTS PROVIDING HIGH END AND LOW END TRIM ADJUSTMENTS ARE MORE LIKELY TO PROVIDE ACCEPTABLE PERFORMANCE RESULTS. DETERMINATION OF RESULT ACCEPTABILITY IS UP TO THE USER'S DISCRETION.

CONCEPT DRAWING NOTES:
CONTROL SYSTEM DRAWING IS PROVIDED FOR CONCEPTUAL PURPOSES ONLY AND IS NOT INTENDED FOR CONSTRUCTION. EXACT EQUIPMENT REQUIREMENTS, INCLUDING LOCATIONS AND QUANTITIES SHOULD BE VERIFIED IN ACCORDANCE WITH THE MOST UP-TO-DATE LIGHTING/ELECTRICAL REFLECTED CEILING PLANS. LIGHTING FIXTURE SCHEDULES, PANEL SCHEDULES, CONTROL INTENT AND SPECIFICATIONS. SHADE EQUIPMENT SHOULD BE VERIFIED IN ACCORDANCE WITH ARCHITECTURAL PLANS, SPECIFICATIONS AND WINDOW SCHEDULES/DETAILS.

myRoom System Procurement Notes

Lutron's myRoom solution is sold, programmed, and serviced by certified Hospitality Technology Integrators (HTI). Successful delivery of the guestroom control system (GRMS) requires in-depth technical training and significant coordination among the multiple vendors providing hotel systems that interact with the guestroom control system.

These integrators are trained and experienced in managing the design, installation, startup, and servicing of this system. They will supply all Lutron equipment and services required and can typically bring other non-Lutron components required to complete the solution. The HTI can also integrate the GRMS with other hotel systems including the property management system (PMS) provider, Central Electronic Locking System (CELS) provider, HVAC system provider, IT network infrastructure provider, and other in-room and hotel technology providers. The GRMS must be programmed and tested to an owner-brand-approved sequence of operation to deliver the optimum guest experience. System installation still requires licensed electricians to wire and install light fixtures to Lutron dimming modules. Manufacturer or manufacturer's rep can provide a list of certified Hospitality Technology Integrators (HTI) along with typical scopes of work between HTI, Electrical Contractor, and other trades.

LUTRON NOTES:

E.E. TO CONFIRM ALL CIRCUITING REQUIREMENTS.

ARCHITECT TO VERIFY QUANTITY, LOCATION & FINISH OF ALL CONTROLS.

DOMESTIC MYROOM PRIME TYPICAL ONE-LINE

LOCATION TBD

CONCEPT DRAWING NOT FOR CONSTRUCTION

Project Number:	#####
Drawn By:	TM
Drawing Revision:	0
Drawing Date:	Q3 2022
Sheet:	1 OF 1