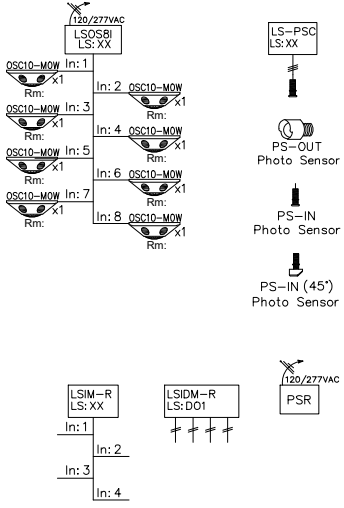
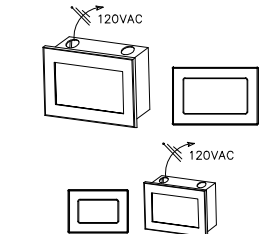
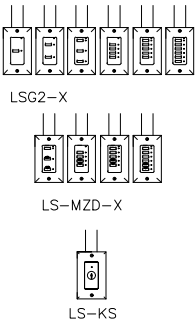
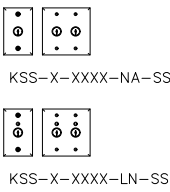
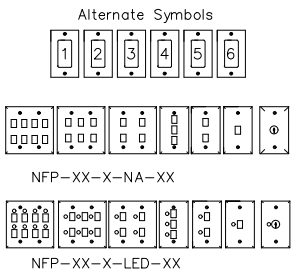
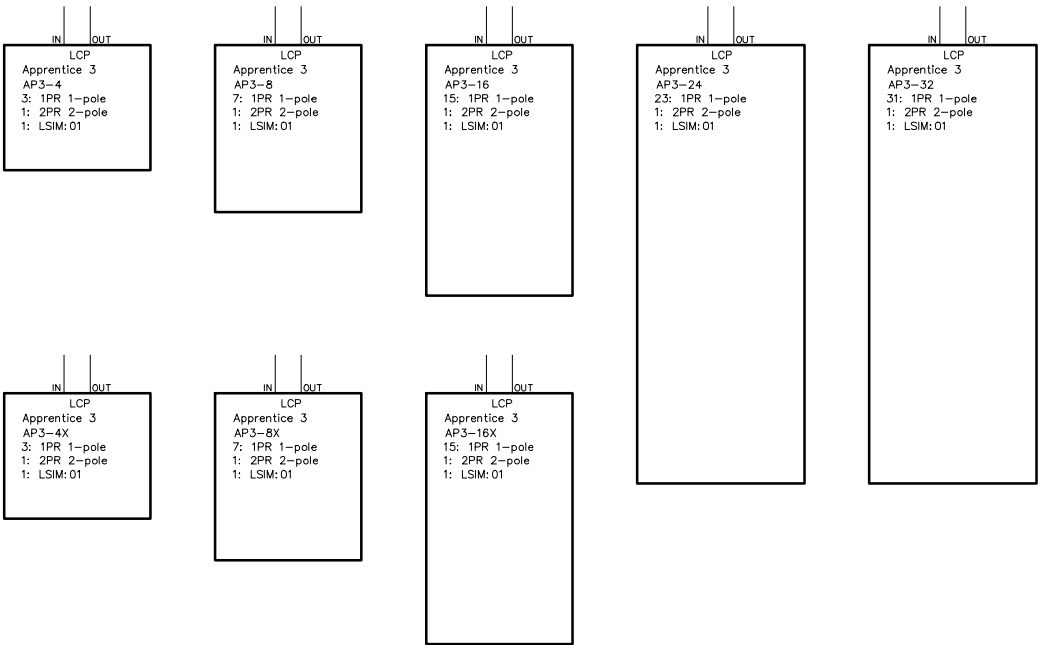


BUILDING BLOCKS

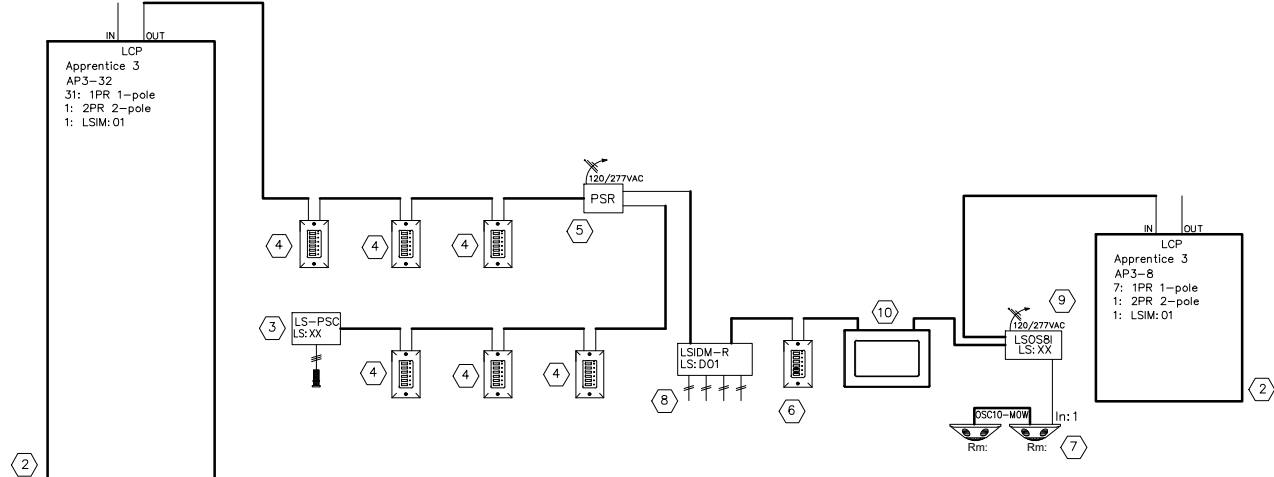
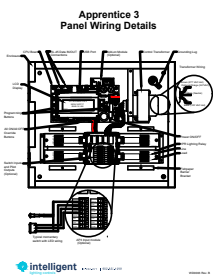


GENERAL NOTES

- A. ELECTRICAL CONTRACTOR TO PROVIDE CAT-5 DATA CABLE. SEE CAT-5 REQUIREMENTS SHEET & RJ45 CONNECTOR DETAIL. TEST ALL CABLE LENGTHS AND TERMINATION'S W/CAT-5 TESTER.
- B. ALL LOW VOLTAGE COMMUNICATION CABLE & HARDWIRE LOW VOLTAGE CONTROL WIRING TO BE INSTALLED PER NATIONAL ELECTRICAL CODE FOR CLASS-2 LOW VOLTAGE WIRING.
- C. CLASS-2 LOW VOLTAGE WIRING SHALL NOT BE MIXED WITH OR RUN IN LINE VOLTAGE RACEWAYS. SEPARATE LOW VOLTAGE RUNS FROM LINE VOLTAGE BY A MINIMUM DISTANCE OF 1-FOOT.
- D. CAT-5 DATA CABLE RUNS TO BE INSTALLED IN A DAISY CHAIN FROM ONE PANEL OR DEVICE TO THE NEXT. NO "STAR" OR "T" CONFIGURATIONS ALLOWED WITHOUT POWER SUPPLY REPEATERS.
- E. ALL CLASS-2 & CAT-5 DATA CABLE RUNS TO BE PROVIDED AND INSTALLED WITH THE APPROPRIATE JACKET TYPE OR CONDUIT FOR THE INSTALLATION ENVIRONMENT OR CONDITIONS ON SITE.
- F. EACH LIGHTING RELAY PANEL REQUIRES A DEDICATED 120V. OR 277V. CIRCUIT FOR CONTROL POWER TRANSFORMERS.
- G. ADDITIONAL ILC POWER OR DATA REPEATING DEVICES MAY BE REQUIRED FOR PROPER SYSTEM OPERATION, BASED ON THE ACTUAL NUMBER AND DISTANCE OF LightSync DEVICES TO BE INSTALLED ON CAT-5 DATA LINE. SEE SHEET TB1408 FOR DETAILS. CONTACT ILC TECHNICAL SUPPORT AT 1-800-922-8004 FOR FURTHER ASSISTANCE.
- H. ANY UNDERGROUND DATA CABLE RUNS MUST BE RAN WITH FIBER OPTIC CABLE & RS485 CONVERTERS OR THE WARRANTY WILL VOID.
- I. LightSync DEVICES MAY COME UNIQUELY PRE-ADDRESSED AND ARE LOCATION SPECIFIC. IT'S THE CONTRACTORS RESPONSIBILITY TO PROPERLY PLACE DEVICES.

KEY NOTES

- 1 CAT-5e DATA CABLE, REFER TO SHEETS: PD0011, ID0006, ID0009 & TB1408 FOR INSTALLATION REQUIREMENTS & DETAILS.
- 2 APPRENTICE3 RELAY CONTROL PANEL 1PR AND 2PR RELAYS AS LISTED.
- 3 LightSync PHOTOCELL CONTROLLER & REMOTELY MOUNTED SENSOR HEAD. PROVIDE 3-#18 AWG MIN. FROM SENSOR TO CONTROLLER.
- 4 LightSync G2 DATALINE SWITCH DEVICE, PLEASE VERIFY QUANTITY AND LOCATION.
- 5 PSR/PS, POWER SUPPLY REPEATER, PLEASE VERIFY QUANTITY AND LOCATION.
- 6 LightSync MULTI-ZONE DIMMER STATION, SEE SHEETS: ,IDXXXX IDXXXX PDXXXX, TBXXXX & TBXXXX. PLEASE VERIFY QUANTITY AND LOCATION.
- 7 CEILING MOUNTED MOTION SENSOR PIR/ULTRASONIC OSC10-MOW,OSC20-MOW 3#18AWG TO 24VDC POWERED INPUT IN PANEL OR LSOSi/LSOS8i MODULE
- 8 LSIDM-R: LightSync DIMMING MODULE. CONTROLS 0-10V DIMMABLE BALLASTS SEE PDF SHEETS FOR PRODUCT & INSTALLATION DETAILS
- 9 LS-OS8i: OCCUPANCY SENSOR 8 INPUT MODULE. PROVIDES POWER & INPUTS FOR OCCUPANCY SENSORS. SEE PDF SHEETS FOR PRODUCT & INSTALLATION DETAILS
- 10 LIGHTSYNC TOUCH SCREEN CONTROLLER. REQUIRES LINE VOLTAGE SUPPLY CONNECTION, SEE INSTALLATION DETAILS.



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XX			
NUMBER	REVISIONS	DATE	SHEET INFORMATION
1	-	-	DATE: X
			SCALE: NONE
			DRAWN BY: X

Project:		Title:	
		ONE LINE RISER	
		GO#	Sheet:
		XXXXXXXXX	R