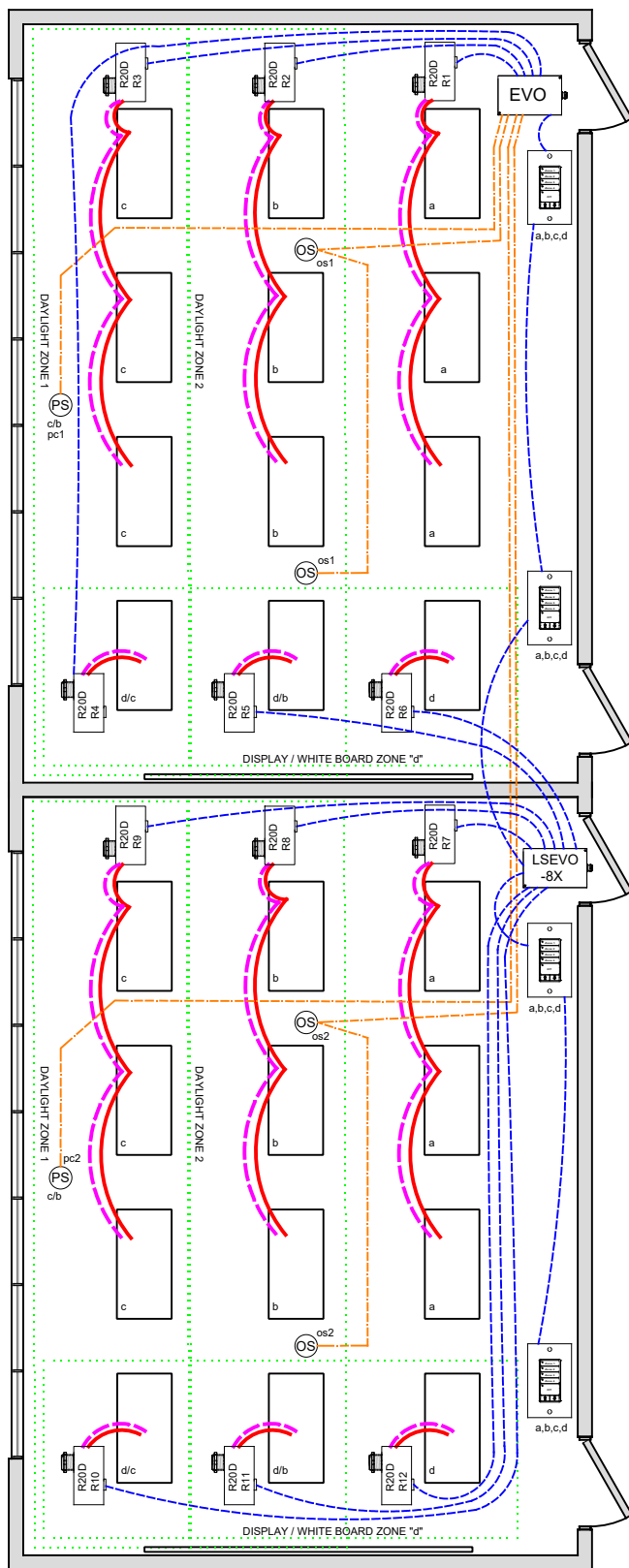


TWO-CLASSROOM ASHRAE DESIGN GUIDE 90.1 - 2010



OVERVIEW:

Lighting zones are individually controlled with 0-10V dimming, programmable max/min levels, vacancy off, local digital control stations. Single EVO control panel and LSEVO-8X expansion panel controlling 12 zones in two independent rooms.

SEQUENCE OF OPERATION:

Lights turn on at digital switch station. Occupancy sensor input set for Vacancy-off control, can be changed to on/off with adjustable dimmer start level per zone. Dimmer outputs provide smooth full range control. Digital switch station provides individual zone on/off control and selectable zone dimming, plus dimming for all zones as one. Photo Sensor monitors daylight and limits the maximum light level in the daylight zone, multiple zones can be controlled from one sensor with independent level settings for each.

ADDITIONAL OPTIONS:

LLEVO control panel can connect to ILC network for building control. Plug-load control from occupancy sensor or time clock for computer lab rooms.

Emergency lighting control bypass relay for UL-924 can be added as needed.

CODE REQUIREMENTS SUPPORTED:

Auto-Off from Occupancy sensor
Multi-Level Dimming control
Multi-Level Daylight control
Local Switch control w/dimming

WIRE LEGEND	
	Line voltage
	0-10V Dimming
	CAT-5e Data cable
	3-Wire Occupancy Sensor or Photo Sensor

Bill Of Material:		
Qt:	Product:	Description:
1	LLEVO	EVO Controller
1	LSEVO-8X	LSEVO 8-Expansion Controller
12	R20D	Remote 20Amp Dimming relay
4	LSG3-WH-4-MZD	LightSync G3 4-Zone dimming digital switch station.
2	PS-IND	Photo Cell - Indoor.
4	ILC-SWX-221-1	Occupancy sensor Ceiling Dual Tech - 500sf