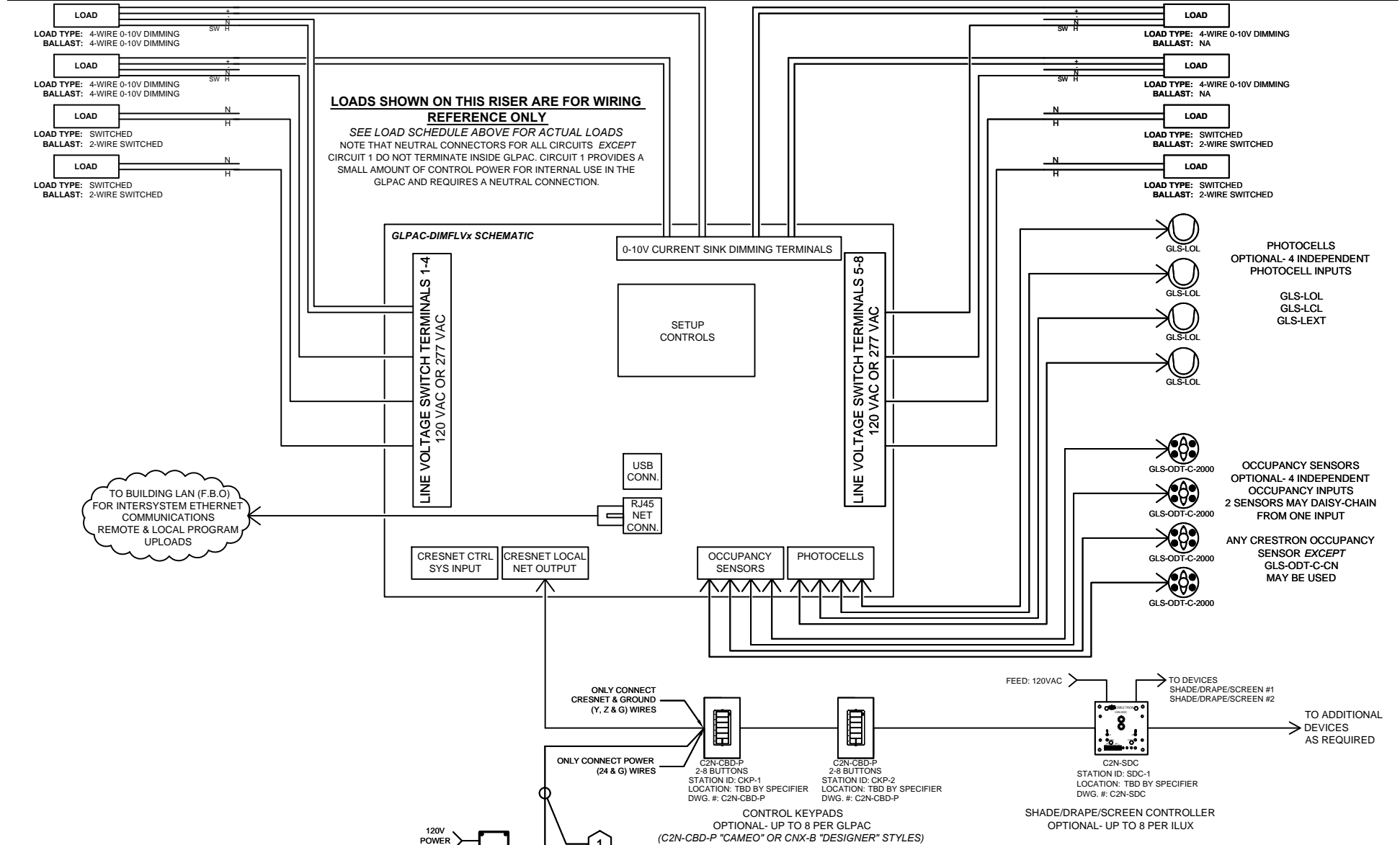


LOAD SCHEDULE

DEVICE NAME:				DEVICE LOCATION:					
AREA / ROOM	ZONE	DESCRIPTION	OUT PUT	FIXTURE TYPE	LOAD TYPE	DIM	FIXTURE WATTAGE	QTY	CIRCUIT WATTAGE
			1						
			2						
			3						
			4						
			5						
			6						
			7						
			8						



- STANDARD NOTES:**
- THIS DOCUMENT SHOWS TYPICAL GLPAC SYSTEM CONNECTIONS. PLEASE SEE YOUR PROJECT BILL OF MATERIALS TO SEE THE EXACT PRODUCTS ON THE ORDER.
 - LOAD SCHEDULE IS TO BE VERIFIED BY THE ELECTRICAL CONTRACTOR UPON COMPLETION OF INSTALLATION.
 - AS BUILT REDLINE MARKUPS OF THE LOAD SCHEDULE MUST BE PROVIDED TO CRESTRON BEFORE SYSTEM PROGRAMMING CAN BE COMPLETED.
 - THE ELECTRICAL CONTRACTOR, DISTRIBUTOR, OR ELECTRICAL ENGINEER MUST CONFIRM THAT THE FIXTURES SHOWN ARE COMPATIBLE WITH THE TYPE OF SWITCHING OR DIMMING SHOWN ON THIS SCHEDULE. DIMMING A FIXTURE WITH AN INCOMPATIBLE BALLAST MAY CAUSE DAMAGE THAT IS NOT COVERED BY WARRANTY.
 - ADDITIONAL TERMINALS- CONTACT CLOSURES AND SIGNAL RELAYS (-PM UNITS ONLY)- ARE NOT NORMALLY USED IN STANDALONE "OUT-OF-BOX" SYSTEMS AND ARE NOT SHOWN HERE.
 - ETHERNET CONNECTIONS TO GLPAC DEVICES ARE NOT REQUIRED FOR NORMAL SYSTEM OPERATION. IT IS STILL SUGGESTED THAT ETHERNET CABLING BE INSTALLED TO AN EASILY ACCESSIBLE JACK OR ETHERNET PATCH PANEL, AS WITHOUT SUCH A CONNECTION ANY PROGRAM UPDATES OR SYSTEM TROUBLESHOOTING WILL REQUIRE PHYSICAL ACCESS TO THE LOCATION IN WHICH THE GLPAC IS INSTALLED. REGARDLESS OF THE INSTALLATION OF SUCH CABLES, PHYSICAL ACCESS TO EACH GLPAC WILL BE REQUIRED FOR THE INITIAL SYSTEM COMMISSIONING.

- GLPAC TYPES**
GLPAC UNITS ARE AVAILABLE IN THE FOLLOWING SIZES & TYPES
- | | |
|----------------------------|--|
| GLPAC-DIMFLV4 | 4-CHANNEL SWITCHING OR 0-10V DIMMING |
| GLPAC-DIMFLV4-CP | SAME AS GLPAC-DIMFLV4, BUT IN CHICAGO PLENUM ENCLOSURE |
| GLPAC-DIMFLV4-PM | SAME AS GLPAC-DIMFLV4, ADDS POWER MONITORING & LOW-VOLTAGE RELAY OUTPUTS |
| GLPAC-DIMFLV4-PM-CP | SAME AS GLPAC-DIMFLV4-PM, BUT IN CHICAGO PLENUM ENCLOSURE |
| GLPAC-DIMFLV8 | 8-CHANNEL SWITCHING OR 0-10V DIMMING |
| GLPAC-DIMFLV8-CP | SAME AS GLPAC-DIMFLV8, BUT IN CHICAGO PLENUM ENCLOSURE |
| GLPAC-DIMFLV8-PM | SAME AS GLPAC-DIMFLV8, ADDS POWER MONITORING & LOW-VOLTAGE RELAY OUTPUTS |
| GLPAC-DIMFLV8-PM-CP | SAME AS GLPAC-DIMFLV8-PM, BUT IN CHICAGO PLENUM ENCLOSURE |

- DEVICE POWER**
A GLPAC CONTROLLER MAY SUPPLY UP TO 10 WATTS OF CRESNET POWER FOR CONSUMPTION BY DEVICES CONNECTED TO LOCAL NET PORT OR SENSOR INPUTS. IF MORE THAN 10 WATTS IS REQUIRED, AN ADDITIONAL POWER SUPPLY (GLA-PWS50) WILL BE REQUIRED. CONSULT THE LIST BELOW FOR POWER DRAW OF COMMON DEVICES.
- | | |
|---|---|
| C2N-CBD-P CAMEO KEYPAD | 1 WATT |
| CNX-B DESIGNER KEYPAD | 3 WATTS |
| C2N-SDC SHADE CONTROL | 3 WATTS |
| GLS-SIM SENSOR INTERFACE | 1 WATT + 1 WATT PER SENSOR CONNECTED TO CRESNET |
| GLS-LOL or LCL PHOTOCELL | 1 WATT CONNECTED DIRECT |
| GLS-ODT or OIR* OCC. SENSOR | 1 WATT CONNECTED DIRECT |

***GLS-ODT-C-CN** CRESNET OCCUPANCY SENSOR IS NOT CURRENTLY SUPPORTED OUT-OF-BOX BUT MAY BE USED IN CUSTOM PROGRAMS. ALL OCCUPANCY SENSORS THAT CONNECT TO CRESNET VIA GLS-SIM INTERFACES ARE COMPATIBLE DIRECTLY CONNECTING TO OCCUPANCY SENSOR TERMINALS WITHOUT A GLS-SIM.

PROJECT NOTES:

WIRE TYPES: (NOT ALL TYPES ARE USED ON ALL PROJECTS)

- 1 "CRESNET" CABLE:
(1) PAIR #18AWG,
(1) TWISTED PAIR 22AWG
W/SHIELD (BY E.C.)
NON-PLENUM PN: CRESNET-NP-TL
PLENUM PN: CRESNET-P-TL
 - 2 RS-232 CABLE:
(1) TWISTED PAIR 22AWG
(1) SHIELD
DB-9 CONNECTOR
(BY E.C.)
 - 3 CABLE:
(1) TWISTED PAIR 18AWG
(1) SHIELD
(BY E.C.)
 - 4 CABLE:
CAT5E ETHERNET
 - 5 SUITABLE GAUGE WIRE
TO MEET LOAD
REQUIREMENTS
- ALL WIRE RUNS ARE TYPE 1, CRESNET, UNLESS OTHERWISE NOTED.

MAXIMUM CABLE LENGTH EQUATION:

$$L < \frac{40,000}{R \times P}$$

Where
 L = Maximum Length of run in feet from power source
 R = 6 Ohms for Cresnet Certified wire or
 1.6 Ohms for Cresnet High Power Certified wire
 P = Cresnet Power usage of entire run

SEE CRESNET WIRING INSTRUCTIONS, DWG. 02.3, FOR FULL DETAILS. LENGTH OF CRESNET WIRING RUNS ARE LIMITED TO # OF DEVICES AND CRESNET POWER DRAW. DAISY CHAIN AND OR STAR TOPOLOGIES ARE PERMITTED TO SUIT INSTALLATION NEEDS. EACH HOME RUN NOT TO EXCEED 20 CRESNET DEVICES. USE THE CALCULATOR SHOWN TO DETERMINE MAXIMUM WIRE RUN LENGTH. POWER SUPPLIES CAN BE ADDED TO INCREASE LENGTH OF HOME RUNS.

ALL PHYSICAL DEVICE LOCATIONS TO BE COORDINATED WITH ARCHITECT.

PROJECT:



15 Volvo Drive
 Rockleigh NJ 07647
 Tel: 888-273-7876
 Fax: 201-767-6011
 www.crestron.com

TITLE:
 STANDALONE
 GLPAC RISER

REV: 00

DATE: 20-JUN-2014

ORDER #:
 DATE:
 REVISION #:

PROJECT LOCATION:
 QUOTE #:
 SALES REP:
 DISTRIBUTOR: