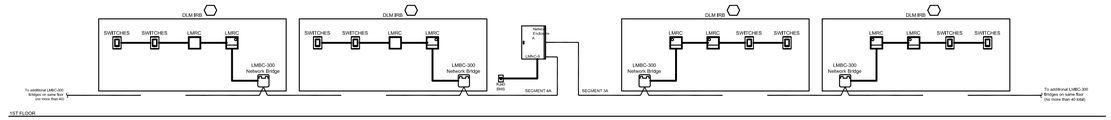
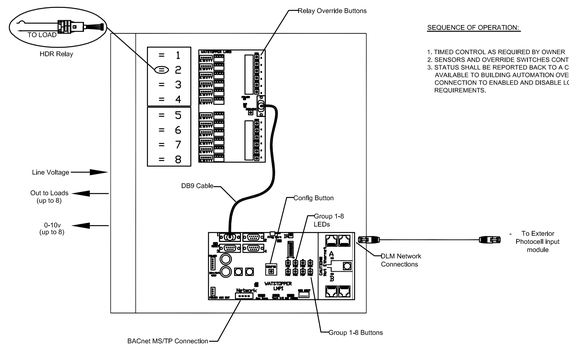
Lighting Control System Topology



Exterior Lighting Relay Panel

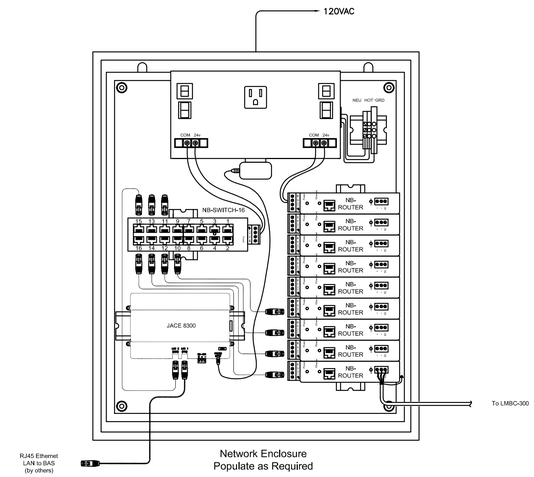


SEQUENCE OF OPERATION:

1. TIMED CONTROL AS REQUIRED BY OWNER
2. SENSORS AND OVERRIDE SWITCHES CONTROL PROGRAMMED RELAYS.
3. STATUS SHALL BE REPORTED BACK TO A CENTRAL LOCATION AND MADE AVAILABLE TO BUILDING AUTOMATION OVER THE NETWORK CONNECTION TO ENABLED AND DISABLE LOCAL DEVICES PER OWNER REQUIREMENTS.

Typical LMCP8 Panel Interior

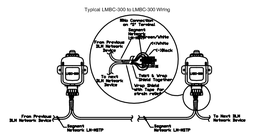
Typical Network Enclosures



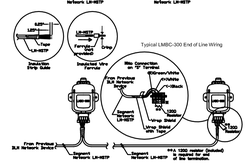
Network Enclosure
Populate as Required

Typical Network Bridge Wiring

Typical LMBC-300 to LMBC-300 Wiring



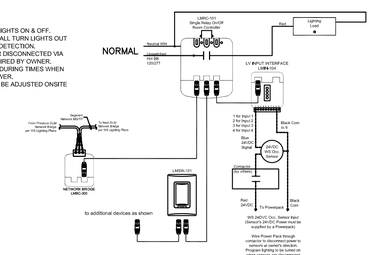
Typical LMBC-300 End of Line Wiring



Typical Room Control Wiring Diagram

SEQUENCE OF OPERATION:

1. THE LMSW DIGITAL SWITCH WILL TURN LIGHTS ON & OFF.
2. THE OCCUPANCY/VACANCY SENSOR SHALL TURN LIGHTS OUT AFTER 20 MINUTES OF NO OCCUPANCY DETECTION.
3. OCCUPANCY SENSORS TO HAVE POWER DISCONNECTED VIA CONTACTOR AS SHOWN AT TIMES REQUIRED BY OWNER. PROGRAM LIGHTING TO BE TURNED ON DURING TIMES WHEN SENSORS ARE DISCONNETED FROM POWER.
4. MANUAL AND AUTO ON OPERATIONS TO BE ADJUSTED ONSITE AS REQUIRED.



WS 24DVC Occ. Sensor Red (Sensor's 24VDC Power must be supplied by a Powerpack)

Wire Power Pack through contactor to disconnect power to sensors during times when Program lighting to be turned on when sensors are disconnected from power

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PROJECT #: 23007.5.0
(Okeechobee Falls).rvt

CIVIL CONSULTANT:

REVISIONS:

NO.	DATE	DESCRIPTION
1	3-29-2024	RESPONSE TO COMMENTS
2	6-13-2024	COORDINATION

CLIENT:
CLIENT NAME

PROJECT NAME / LOCATION:
MIKVAH
OKEECHOBEE, FL

DRAWING TITLE:
MIKVAH LIGHTING CONTROL DETAILS

EXAMINER'S SIGNATURE:

PROFESSIONAL SEAL:

GEORGE SANJUAN, P.E.
FLORIDA LICENSE #46100

SCALE: 1/4" = 1'-0"

DATE:

PROJECT NO.

DRAWING NO.: E104

06

BARCODE

THE GENERAL CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND REPORT ALL ERRORS AND OMISSIONS TO THE ARCHITECTS. DO NOT SCALE DRAWING. THE DRAWING SHALL NOT BE USED UNTIL SIGNED BY CONSULTANTS.

7/25/2023 2:53:09 PM