

Firm's License #

State License #

#	DESCRIPTION	DATE
1	BUILDING DEPARTMENT	7/26/17

US HWY 50 & CLUB MANOR DR  
908 W US HWY 50

PUEBLO, CO 81008

LUMINAIRE SCHEDULES

MDC  
CORPORATE - RELO  
**686**

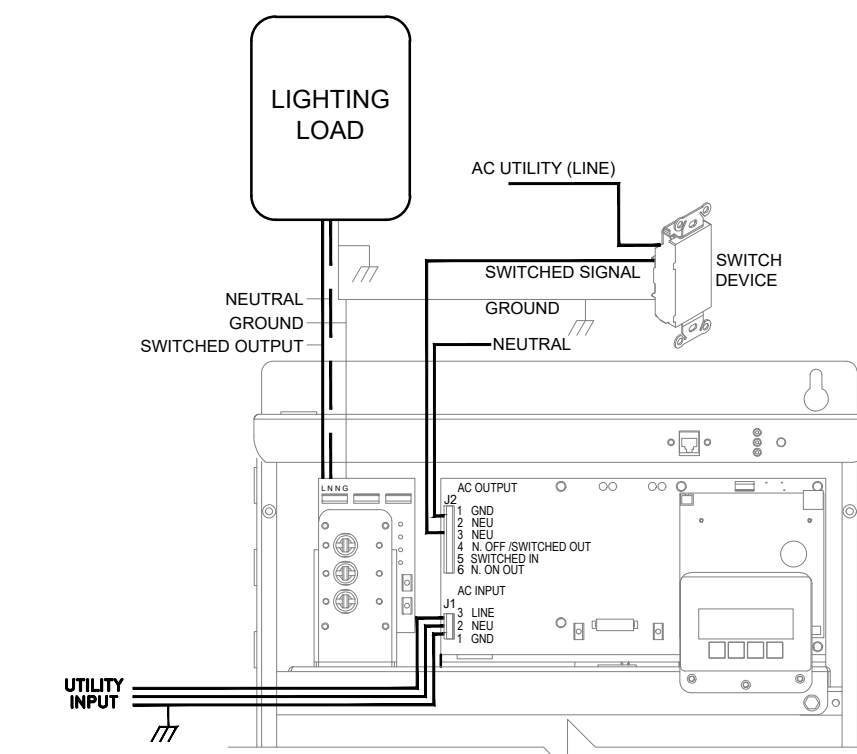
DESIGN DEVELOPMENT

DATE: 12/21/2017  
SCALE: NO SCALE  
DRAWN BY: XXX  
PROJECT No.: TMO364  
SHEET:

E112

**INSTALLING SWITCHED INPUT (SWITCHED IN) & SWITCHED OUT WIRES WITH OCB:**

(See IO Manual to other connections if required)  
Connect the load wires to the system's Output Circuit Breaker Board Terminal Block. Connect the load hot wire to the terminal block labeled "L". Connect the load neutral wire to the "N" terminal connection. Connect the ground wire to the "G" terminal provided.  
Connect the switch device wires to the system's area labeled "AC OUTPUT". Connect the switch device hot lead to the "SWITCHED IN" terminal of the output terminal block. Connect the switch device neutral wire to the "NEU" terminal available. Connect the ground wire to the "G" terminal provided.



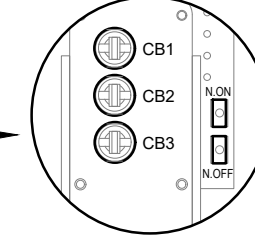
NOTE: If your unit was purchased with a normally on output circuit breaker and a switched circuit is required the circuit breaker wiring must be changed to a normally off circuit breaker.

**OCB Information:**

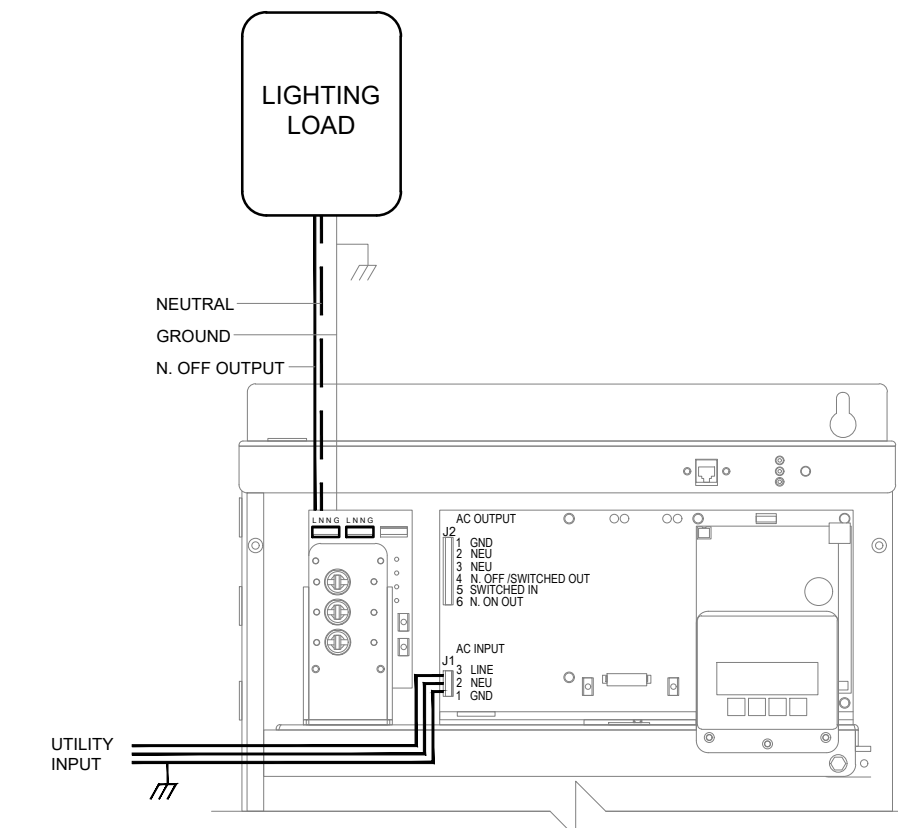
OCB Configuration is Field Changeable.

Move OCB Wire from N/ON to N/OFF Terminal.

Brown Wire goes to CB1.



**B3** MINI INVERTER WIRING DIAGRAM - BOH  
NTS



**OUTPUT CIRCUIT BREAKER CONNECTIONS:**

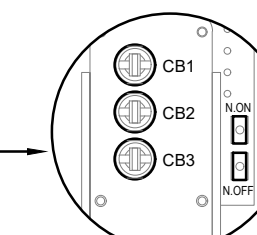
CB1 CONNECTIONS ARE TO THE LEFT TERMINAL BLOCK.  
CB2 CONNECTIONS ARE TO THE MIDDLE TERMINAL BLOCK  
CB3 CONNECTIONS ARE TO THE RIGHT TERMINAL BLOCK.

**OCB INFORMATION:**

OCB CONFIGURATION IS FIELD CHANGEABLE.

MOVE OCB WIRE TO EITHER N/ON OR N/OFF TERMINAL.

BROWN WIRE GOES TO CB1.  
VIOLET WIRE GOES TO CB2  
GRAY WIRE GOES TO CB3



**B4** MINI INVERTER WIRING DIAGRAM - SALES  
NTS

**LED LUMINAIRE SCHEDULE**

CALLOUT	SYMBOL	DESCRIPTION	MODEL	LAMP	INPUT WATTS	BALLAST	VOLTS	MOUNTING	NOTES	
LED-ML1	□	SINGLE HEAD ADJUSTABLE GIMBAL RING 358"H X 45"V, 40" LEDPAR30, FLUSH MOUNT FIXTURE	HOUSING M/N:NMRI-11N1020 TRIM M/N: NMRT-1F1652WW C-CHANNEL M/N: NRA-38	SATCO: 11PAR30-SN-LED-40-4000K-120V-D	11W	ELECTRONIC	120V 1P	RECESSED	COMPLETE ASSEMBLY INCLUDES: HOUSING, TRIM, AND (2) C-CHANNEL BAR HANGERS	
LED-ML1-EM	□	SINGLE HEAD ADJUSTABLE GIMBAL RING 358"H X 45"V, 40" LEDPAR30, FLUSH MOUNT FIXTURE - WIRED TO MINI-INVERTER FOR EMERGENCY OPERATION	HOUSING M/N:NMRI-11N1020 TRIM M/N: NMRT-1F1652WW C-CHANNEL M/N: NRA-38	SATCO: 11PAR30-SN-LED-40-4000K-120V-D	11W	ELECTRONIC	120V 1P	RECESSED	COMPLETE ASSEMBLY INCLUDES: HOUSING, TRIM, (2) C-CHANNEL BAR HANGERS, AND WIRED TO MINI-INVERTER FOR EMERGENCY OPERATION W/ 90 MINUTE BATTERY BACKUP	
LED-ML2	□	DUAL HEAD ADJUSTABLE GIMBAL RING 358"H X 45"V, 40" LEDPAR30, FLUSH MOUNT FIXTURE	HOUSING M/N:NMRI-12N1020 TRIM M/N: NMRT-1F2652WW C-CHANNEL M/N: NRA-38	SATCO: 11PAR30-SN-LED-40-4000K-120V-D	22W	ELECTRONIC	120V 1P	RECESSED	COMPLETE ASSEMBLY INCLUDES: HOUSING, TRIM, AND (2) C-CHANNEL BAR HANGERS	
LED-ML2-EM	□	DUAL HEAD ADJUSTABLE GIMBAL RING 358"H X 45"V, 40" LEDPAR30, FLUSH MOUNT FIXTURE - WIRED TO MINI-INVERTER FOR EMERGENCY OPERATION	HOUSING M/N:NMRI-12N1020 TRIM M/N: NMRT-1F2652WW C-CHANNEL M/N: NRA-38	SATCO: 11PAR30-SN-LED-40-4000K-120V-D	22W	ELECTRONIC	120V 1P	RECESSED	COMPLETE ASSEMBLY INCLUDES: HOUSING, TRIM, (2) C-CHANNEL BAR HANGERS, AND WIRED TO MINI-INVERTER FOR EMERGENCY OPERATION W/ 90 MINUTE BATTERY BACKUP	
LED-ML3	□	TRIPLE HEAD ADJUSTABLE GIMBAL RING 358"H X 45"V, 40" LEDPAR30, FLUSH MOUNT FIXTURE	HOUSING M/N:NMRI-13N1020 TRIM M/N: NMRT-1F3652WW C-CHANNEL M/N: NRA-38	SATCO: 11PAR30-SN-LED-40-4000K-120V-D	33W	ELECTRONIC	120V 1P	RECESSED	COMPLETE ASSEMBLY INCLUDES: HOUSING, TRIM, AND (2) C-CHANNEL BAR HANGERS	
LED-ML3-EM	□	TRIPLE HEAD ADJUSTABLE GIMBAL RING 358"H X 45"V, 40" LEDPAR30, FLUSH MOUNT FIXTURE - WIRED TO MINI-INVERTER FOR EMERGENCY OPERATION	HOUSING M/N:NMRI-13N1020 TRIM M/N: NMRT-1F3652WW C-CHANNEL M/N: NRA-38	SATCO: 11PAR30-SN-LED-40-4000K-120V-D	33W	ELECTRONIC	120V 1P	RECESSED	COMPLETE ASSEMBLY INCLUDES: HOUSING, TRIM, (2) C-CHANNEL BAR HANGERS, AND WIRED TO MINI-INVERTER FOR EMERGENCY OPERATION W/ 90 MINUTE BATTERY BACKUP	
LED-LC2-R	□	RECESSED 2'x2' LED EDGE-LIT FLAT DIMMABLE PANEL, 4000K, WHITE PAINTED ALUMINUM FINISH	NP-D-E2243-40-W RECESSED MOUNTING KIT M/N: NP-D-22DFK-A	INTEGRATED LED	36W	ELECTRONIC	120/277V	RECESSED		
LED-LC2-R-EM	□	RECESSED 2'x2' LED EDGE-LIT FLAT DIMMABLE PANEL, 4000K, WHITE PAINTED ALUMINUM FINISH, WIRED TO MINI-INVERTER FOR EMERGENCY OPERATION	NP-D-E2243-40-W RECESSED MOUNTING KIT M/N: NP-D-22DFK-A	INTEGRATED LED	36W	ELECTRONIC	120/277V	RECESSED	WIRED TO MINI-INVERTER FOR EMERGENCY OPERATION W/ 90 MINUTE BATTERY BACKUP	
LED-LC2-S	□	SURFACE 2'x2' LED EDGE-LIT FLAT DIMMABLE PANEL, 4000K, WHITE PAINTED ALUMINUM FINISH	NP-D-E2243-40-W SURFACE MOUNTING KIT M/N: NP-D-22DFK-A	INTEGRATED LED	36W	ELECTRONIC	120/277V	SURFACE		
LED-LC2-S-EM	□	SURFACE 2'x2' LED EDGE-LIT FLAT DIMMABLE PANEL, 4000K, WHITE PAINTED ALUMINUM FINISH, WIRED TO MINI-INVERTER FOR EMERGENCY OPERATION	NP-D-E2243-40-W SURFACE MOUNTING KIT M/N: NP-D-22DFK-A	INTEGRATED LED	36W	ELECTRONIC	120/277V	SURFACE	WIRED TO MINI-INVERTER FOR EMERGENCY OPERATION W/ 90 MINUTE BATTERY BACKUP	
LED-EXT	↑	NORA LIGHTING WHITE LED EXIT SIGN WITH BATTERY BACKUP	FIXTURE M/N: NX-603-LEDR	LED	2W	ELECTRONIC	120V 1P	SURFACE	90 MINUTE BATTERY BACKUP	
LED-EM	↑	NORA LIGHTING BEVELED INTEGRAL DUAL HEAD EMERGENCY LIGHT WITH BATTERY BACKUP	FIXTURE M/N: NE-806-W	LED	-	ELECTRONIC	120/277V	SURFACE	CEILING/WALL MOUNTED 90 MINUTE BATTERY BACKUP	
LED-EF	□	PANASONIC CEILING MOUNTED VENTILATION FAN WITH LED LIGHT	FIXTURE M/N: FV-11-15VKL1	LED	14W	ELECTRONIC	120V 1P	RECESSED	PROVIDE WALL MOUNTED OCCUPANCY SENSOR	
				COMPLETE LIGHTING PACKAGE IS OWNER FURNISHED, GC INSTALLED. CONTACT EDSS (ENERGY DESIGN SERVICE SYSTEMS) FOR COMPLETE LIGHTING PACKAGE INCLUDING ALL LIGHT FIXTURES, LCP, MINI-INVERTER, SWITCHES, SENSORS, TVSS AND FLOOR BOXES. REFER TO EDSS INSTALLATION INSTRUCTIONS.				CONTACT: MICHAEL NORDLOH 810.227.3377 MNORDLOH@EDSSENERGY.COM		

**LIGHTING CONTROL SCHEDULES**

CALLOUT	SYMBOL	DESCRIPTION	MODEL	NOTES
S	§	DOUGLAS 8700 SERIES 1-BUTTON SWITCH	WSR-8711	MOMENTARY RELAY DIRECT
D1 BOH	⊕1	LUTRON MAESTRO DIMMER 0-10V OCCUPANCY SENSOR	MS-Z101-WH	8A
OS	⊕	SENSOR SWITCH WALL MNTD OCCUPANCY SENSOR	WSD-PDT-WH	800W
OS	⊕	SENSOR SWITCH CEILING MNTD OCCUPANCY SENSOR	CMR-10	800W

**LED EMERGENCY LIGHTING MINI-INVERTER SCHEDULE - SALES**

DESCRIPTION	MODEL	NOTES
350W MINI INVERTER	MYERS POWER PRODUCTS: LV-2-R-1-B2001 (1-BREAKER)	90 MIN. BATTERY BACKUP

**LED EMERGENCY LIGHTING MINI-INVERTER SCHEDULE - BOH**

DESCRIPTION	MODEL	NOTES
350W MINI INVERTER	MYERS POWER PRODUCTS: LV-2-R-1-B2001 (1-BREAKER)	90 MIN. BATTERY BACKUP

MOUNTING: INVERTERS RANGE IN WEIGHT FROM 55 LBS (175W) TO 130 LBS (550W). SURFACE MOUNT LED INVERTER(S) TO MIN. 32"W X 24" H X 3/4" PLYWOOD BACKER SCREWED TO STUDS, TELCO BOARD, OR DIRECTLY SCREWED TO STUDS @16" O.C. W/ (4) #8 X 2 3/8" DRYWALL SCREWS. REFER TO MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS.