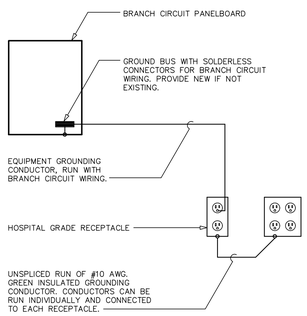
NOTE:

THE EQUIPMENT GROUNDING TERMINAL BUSSES OF THE NORMAL AND ESSENTIAL BRANCH CIRCUIT PANELBOARDS SERVING THE SAME INDIVIDUAL PATIENT VICINITY SHALL BE BONDED TOGETHER WITH A GREEN INSULATED CONTINUOUS #8 AWG CU. CONDUCTOR.



EQUIPOTENTIAL GROUNDING SYSTEM FOR PATIENT CARE AREAS

NO SCALE

LIGHTING CONTROLS SYMBOL LIST

RC 1	LMRC-101	120/277 VAC	1-relay On/Off Room Controller
RC 2	LMRC-211	120/277 VAC	1-Relay On/Off 0-10V Dimming Room Controller
RC 3	LMRC-212	120/277 VAC	2-Relay On/Off 0-10V Dimming Room Controller
VS1	LMDC-100	24VDC, 20mA	Dual Technology Ceiling Sensor
OS1	LMDC-100	24VDC, 20mA	Dual Technology Ceiling Sensor
SPLV	LMSW-101	24VDC, 5mA	1-button Digital Wall Switch
DPLV	LMDM-101	24VDC, 5mA	1-button Dimming Wall Switch

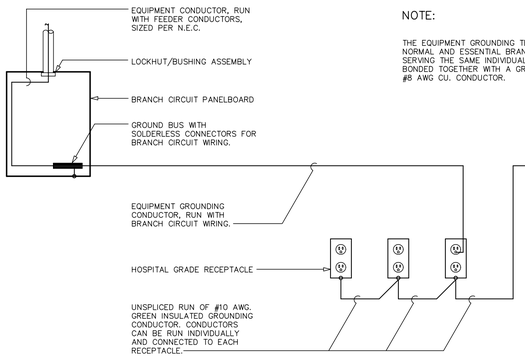
ELCU / ELCUa — UL924 SHUNT TO ENABLE SWITCHED EMERGENCY LIGHTING. WATTSTOPPER #ELCU200 WITH EMTS-100 TEST SWITCH. REFER TO WIRING DIAGRAM WDEL. LOCATE THE TEST SWITCH AS DIRECTED IN FIELD.

SMALL LETTER(S) INDICATE WHICH OF THE RELAY PACK(S) IT IS CONNECTED TO WITH 3/C#18. ELCUa INDICATES TO CONNECT TO ELCUa; ELCUa,b INDICATES TO CONNECT TO BOTH ELCUa AND ELCUb, ETC.

⚠1 REF#1

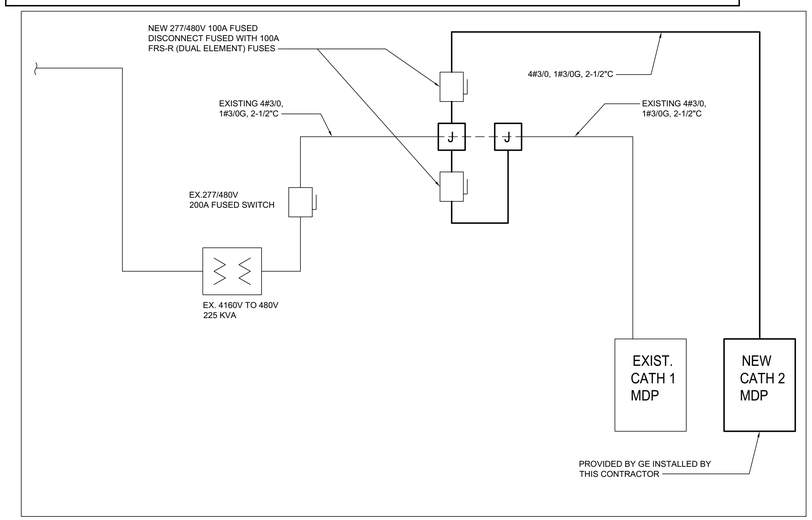
NOTE:

THE EQUIPMENT GROUNDING TERMINAL BUSSES OF THE NORMAL AND ESSENTIAL BRANCH CIRCUIT PANELBOARDS SERVING THE SAME INDIVIDUAL PATIENT VICINITY SHALL BE BONDED TOGETHER WITH A GREEN INSULATED CONTINUOUS #8 AWG CU. CONDUCTOR.

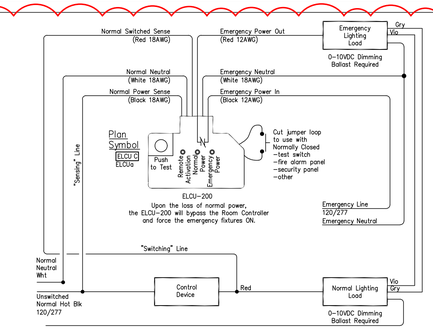


EQUIPOTENTIAL GROUNDING SYSTEM FOR CRITICAL CARE AREAS

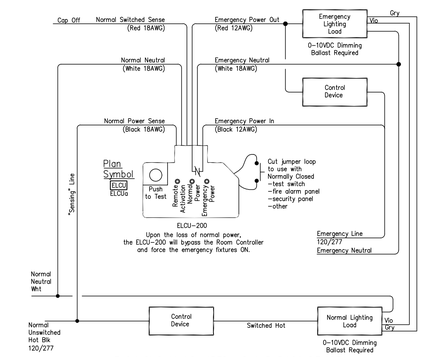
NO SCALE



1 **POWER RISER DIAGRAM**
NO SCALE



ELCU SHOWN AS WIRED AS A CONTROL DEVICE



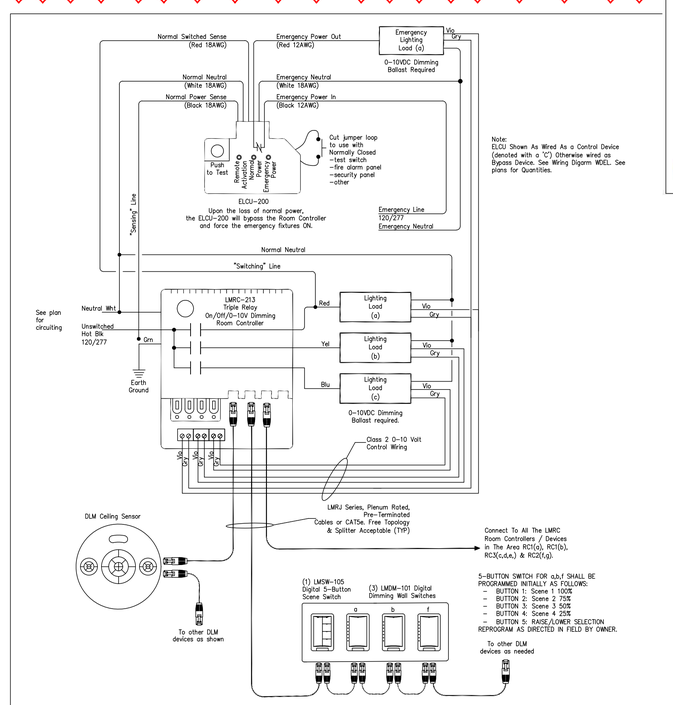
ELCU SHOWN AS WIRED AS A BYPASS DEVICE

PLAN SYMBOL

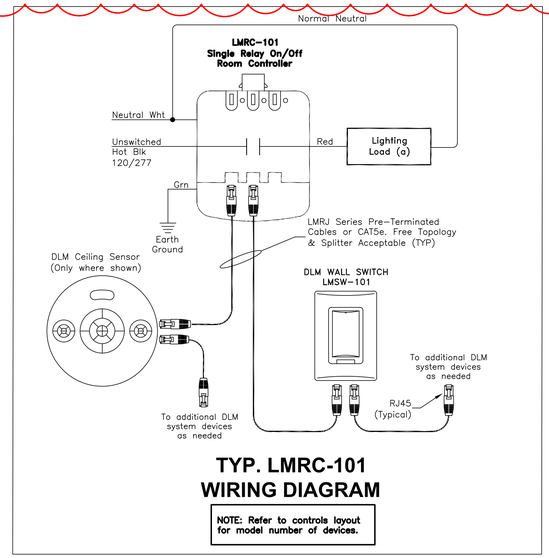
ELCU / ELCUa — UL924 SHUNT TO ENABLE SWITCHED EMERGENCY LIGHTING. WATTSTOPPER #ELCU200 WITH EMTS-100 TEST SWITCH. LOCATE THE TEST SWITCH AS DIRECTED IN FIELD. THE SMALL LETTER INDICATES THE OUTLETS CONTROLLED. THE ELCU SHALL BE WIRED AS A BYPASS DEVICE TO OVERRIDE SWITCH/DIMMER CONTROLS UNLESS NOTED OTHERWISE.

ELCU C / ELCUa — AS ABOVE EXCEPT THE ELCU SHALL BE WIRED AS A CONTROL DEVICE TO ALLOW NORMAL CONTROL OF EMERGENCY LIGHTING AND FORCE THE EMERGENCY FIXTURES TO AN ON STATE WHEN NORMAL POWER FAILS.

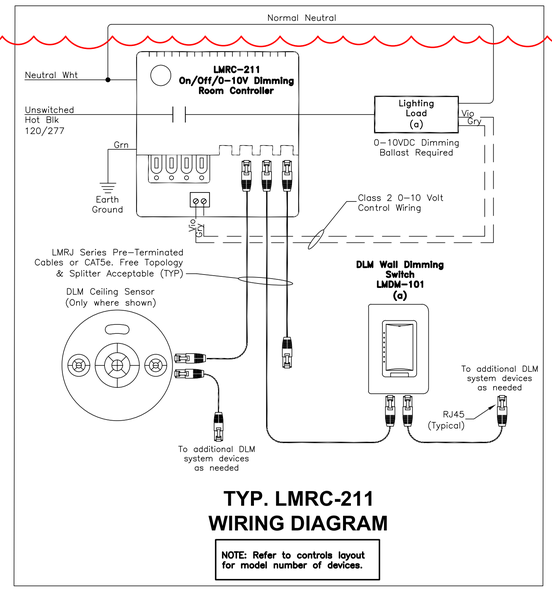
WDEL **TYPICAL ELCU WIRING CONFIGURATIONS**
NOT TO SCALE



WDTYP **TYPICAL ROOM CONTROLLER WIRING DIAGRAM**
NOT TO SCALE



⚠1 REF#1



LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER	CATALOG NO.	APPROVED SUBSTITUTE	MOUNTING	NO. AND TYPE OF LAMPS	VOLT	LUMENS	WATTS	REMARKS
A	RAB LIGHTING	2X2 FLAT PANEL 5000K DIMMABLE 40W EZPAN2X2-40/D10		RECESSED	LED	120-277V	4000	33	0-10V DIMMING
B	LITHONIA	FMVCCLS 24IN MVOLT 30K35K40K 90CRI BN M6		RECESSED	LED	120-277V	4000	27	0-10V DIMMING
C	GOTHAM	EVO6 50/40 AR MWD LSS MVOLT EZ1		RECESSED	LED	120-277V	4000	48	0-10V DIMMING
EM	McPHILBEN	CAX6		WALL	FURNISHED/FIXTURE	120			

⚠1 REF#1

THE GREAT SEAL OF THE STATE OF NEW JERSEY

Department of Community Affairs
Construction Project Review
Project No: 5228-22
Partial Electrical Release
Electrical
Vijay Raja
Released: 02/14/23
N.J.S.A. 52:27D-119 ET SEQ., AS AMENDED

POSEN ARCHITECTS

POSEN ARCHITECTS, LLC
Architecture• Interiors• Planning• Regulatory Approvals

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NJ 21AI01380200

www.posen.com

Issuance / Revision

No.	Date	Description
⚠1	01/25/23	PER DCA COMMENTS

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ELMWOOD PARK, N.J. 07407
N.J. (201) 791-1210 FAX (201) 791-1572
CERTIFICATE OF AUTHORIZATION No 24GA27953300
David Arabia, PE
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Email: jling@cecengineers.com, T: 908-298-1600
CEC Engineers, 730 Boulevard, Kenilworth, NJ 07033

Client:
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29 EAST 29TH STREET
BAYONNE, NJ 07002

Project:
CATH LAB #2 - SUITE EXPANSION
176 PALISADE AVENUE
JERSEY CITY, NJ 07306

SEAL AND SIGNATURE:
DAVID S. ARABIA
PROFESSIONAL ENGINEER
GE57337

STATE OF NEW JERSEY — DAVID S. ARABIA — No. GE57337 — LICENSED PROFESSIONAL ENGINEER

Digitally signed by David S. Arabia
Date: 2023.01.25 14:32:07 -05'00'

Posen Project No.: 22119	**DCA Number:** NJPRP-14794
Submission: PROGRESS SET NOT FOR CONSTRUCTION	
Drawing: ELECTRICAL: SYMBOLS LIST, SCHEDULE, RISER DIAGRAM AND DETAILS	
Drawn By: DA	**Checked By:** JA — **Date:** 8/10/2022
Scale: 1/4" = 1'-0"	**Dwg No.Issue No.:** E-0.2 — **Drawing:** of