

LIGHTING FIXTURE SCHEDULE

	DESCRIPTION	LOUVER/LENS	TYPE	LAMPS		COLOR TEMP.	BALLAST		VOLTS	WATTS	MOUNTING	MOUNTING SURFACE	REMARKS	BASIS OF DESIGN	ALTERNATE #1	ALTERNATE #2
				WATTS	QTY.		TYPE	QTY.								
A1	EXISTING 2x2 FLOURESCENT TROFFER		T8		1	0 K		1	277	0	CEILING	RECESSED	EXISTING FIXTURES, SEE E100 FOR DEMO PLANS			
A2	EXISTING 2x4 FLOURESCENT TROFFER		T8		1	0 K		1	0	0	CEILING	RECESSED	EXISTING FIXTURES, SEE E100 FOR DEMO PLANS			
A3	EXISTING 6" DOWNLIGHTS				1	0 K		1	0	0	CEILING	RECESSED	EXISTING FIXTURES, SEE E100 FOR DEMO PLANS			
D1	6" DIRECTIONAL LED DOWNLIGHT, NARROW SPOT		LED PAR-38	12	1	4000 K		1	120	12	CEILING	RECESSED	LAMP TO BE PROVIDED BY LUM LIGHTING GROUP	PATHWAY #RF711-ACF7150	LUM LIGHTING #CL-112-P38-NC-T	JUNO #P8RA P38-100 CS HBTL
D2	6" DIRECTIONAL LED REMODEL DOWNLIGHT, NARROW SPOT		LED PAR-38	12	1	4000 K		1	120	12	CEILING	RECESSED	LAMP TO BE PROVIDED BY LUM LIGHTING GROUP	PATHWAY #RM-1F711-ACF7150	LUM LIGHTING #CL-112-P38-RM-T	JUNO #P8RA P38-100 CS HBTL
D3	6" DOWNLIGHT		LED PAR-38	12	1	4000 K		1	120	12	CEILING	RECESSED	LAMP TO BE PROVIDED BY LUM LIGHTING GROUP	HE WILLIAMS #R60-100-PAR38/MED-CS-120	LUM LIGHTING #CL-110-P38-NC-T	INDALUX #P30-120-F-000-000-000
D4	6" LED DOWNLIGHT, 80+ CRI, 900 LUMENS	ACRYLIC	LED	15	1	3500 K		1	120	15	CEILING	RECESSED	LAMP TO BE PROVIDED BY LUM LIGHTING GROUP	HE WILLIAMS #L60-L11C/835-CS/M-DRV-XX	PRESCOLITE #L60-L11C/835-CS/M-DRV-XX	ALPHA #NUS RD 13L/835 HE60 XX DIMMABLE WH WH
E1	EMERGENCY BUG EYE TYPE FIXTURE	ACRYLIC	LED	5	1			1	120	5	WALL	SURFACE	XTRALIGHT #EMX-0036-SDT			
R1	2x2 LED LENSED TROFFER	ACRYLIC	LED	21	1	3500 K		1	277	21	CEILING	RECESSED	HE WILLIAMS #LPT-22-L27/835-S-AF12125-DIM-UNV	COLUMBIA #LLT24-L43/835-S-AF12125-DIM-UNV	ETHONIA #2TL4-48L-FW-A12-EZ1-LP835	
R2	2x4 LED LENSED TROFFER	ACRYLIC	LED	31	1	3500 K		1	277	31	CEILING	RECESSED	HE WILLIAMS #LPT-24-L43/835-S-AF12125-DIM-UNV	COLUMBIA #LLT24-L43/835-S-AF12125-DIM-UNV	ETHONIA #2TL4-48L-FW-A12-EZ1-LP835	
T1	TRACK FIXTURES, LINE VOLTAGE		LED PAR-20	20	1	4000 K			120	20	TRACK		LAMP TO BE PROVIDED BY LUM LIGHTING GROUP			
W1	EXISTING NURSE CALL LIGHTS				1	0 K			120	0	WALL	SURFACE	EXISTING FIXTURE			
X1	LED EXIT SIGN				1				277	0	CEILING	RECESSED	EXISTING FIXTURE			

PANELBOARD

LOCATION: ... MOUNTING: ... ENCL NEMA: Type 1 MIN AIC: SEE ONE LINE DIAGRAM

MAINS: MCB VOLTS: 208/120 Wye PHASE: 3 WIRES: 4 AMPS: 100

PANEL NOTES:
 PROVIDE GROUND BUS
 PROVIDE FULL SIZE NEUTRAL BUS UNLESS NOTED OTHERWISE
 CIRCUIT NAMES STARTING WITH ETR ARE EXISTING, TO REMAIN

WIRE SIZE	LOAD DESCRIPTION	P	TRIP AMPS	TYPE	CKT	A	B	C	CKT	TYPE	TRIP AMPS	P	LOAD DESCRIPTION	WIRE SIZE	
...	ETR - LTG RM 103	1	20 A	...	1	0.00	0.00		2	...	20 A	1	ETR - OVRHD REC HWY 125	...	
...	ETR - REC WIRMLD RM 121	1	20 A	...	3		0.00	0.00	4	...	20 A	1	ETR - REC RECEPTION DSK	...	
...	ETR - REC ELVTR LBY + PIT	1	20 A	...	5			0.00	6	...	20 A	1	EXISTING CIRCUIT	...	
...	ETR - WATER COOLER	1	20 A	...	7	0.00	0.00		8	...	20 A	1	EXISTING CIRCUIT	...	
2#12, 1#12 GRD	REC NEW WAITING RM	1	20 A	...	9		0.90	0.00	10	...	20 A	1	ETR - REC UNDR COUNTER	...	
...	ETR - REC RM 129, 130	1	20 A	...	11			0.00	12	...	20 A	1	EXISTING CIRCUIT	...	
2#12, 1#12 GRD	REC NEW OFFICE #1	1	20 A	...	13	0.90	0.00		14	...	20 A	1	SPARE	...	
2#12, 1#12 GRD	REC NEW OFFICE #2	1	20 A	...	15		0.90	0.00	16	...	20 A	1	SPARE	...	
...	ETR - REC RM 124	1	20 A	...	17			0.00	1.32	18	...	20 A	1	REC OPTICAL DISPLAY	2#12, 1#12 GRD
...	ETR - REC RM 123	1	20 A	...	19	0.00	0.00		20	...	20 A	1	ETR - OUTDR LTG, HRSHOE	...	
...	ETR - REC RM 122	1	20 A	...	21		0.00	0.00	22	...	20 A	1	SPARE	...	
...	ETR - REC RM 120	1	20 A	...	23			0.00	0.00	24	...	20 A	1	SPARE	...
...	ETR - REC RM 121	1	20 A	...	25	0.00	0.00		26	...	20 A	1	ETR - REC CLEANING CORR	...	
2#12, 1#12 GRD	LTG OPTICAL DISPLAY	1	20 A	...	27		1.26	0.00	28	...	20 A	1	ETR - REC CLEANING CORR	...	
...	ETR - REC NRS STN RM 122	1	20 A	...	29			0.00	0.00	30	...	20 A	1	ETR - UPS DISC 1 RM 114	...
...	ETR - REC 119, CPY 121	1	20 A	...	31	0.00	0.00		32	...	20 A	1	ETR - UPS DISC 1 RM 114	...	
...	SPACE	...	...	...	33		0.00	0.00	34	...	20 A	1	ETR - UPS DISC 2 RM 114	...
...	SPACE	35			0.00	0.00	36	...	20 A	1	ETR - UPS DISC 2 RM 114	...
TOTAL LOAD:						0.90 kVA	3.06 kVA		1.32 kVA						

BREAKER TYPE KEYS:
 LO - INDICATES C.B. EQUIPPED WITH "LOCK-ON" DEVICE
 GF - INDICATES C.B. IS GROUND FAULT TYPE (5mA FOR PERSONNEL)
 ST - INDICATES C.B. EQUIPPED WITH SHUNT TRIP DEVICE
 HT - INDICATES C.B. EQUIPPED WITH 30mA GROUND FAULT FOR EQUIPMENT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
LTG	1.26	100.00%	1.26	
REC	4.02	100.00%	4.02	Total Conn. Load: 5.28 kVA
Equipment	0.00	0.00%	0.00	Total Est. Demand: 5.28 kVA
				Total Conn. Current: 14.65 A
				Total Est. Demand Current: 14.65 A



NOTES:
 1. PROVIDE 20A, 1P BREAKER TO MATCH EXISTING GE TYPE NLAB TYPE BREAKER IN LIGHTING SPACE.
 2. REPLACE EXISTING 20A BREAKER WITH (2) 1P 20A BREAKERS TO MATCH EXISTING GE TYPE.
 3. PROVIDE NARROW BEAM TYPE LAMP OWNER FURNISHED. CONTRACTOR INSTALLED.
 4. REMOVE 2P 20A CIRCUIT BREAKER AND PROVIDE (2) 1P 20A BREAKERS.
 5. CONTRACTOR TO VERIFY EXISTING LIGHTING CIRCUIT VOLTAGE.

GENERAL NOTES
 1. .

MUSC
 MEDICAL UNIVERSITY
 of SOUTH CAROLINA

PROJECT NUMBER: H51-50068
 DHEC PROJECT NUMBER: 580145

CONSTRUCTION DOCUMENTS

**STORM EYE INSTITUTE
 OPTICAL SHOP
 H51-50068**

167 ASHLEY AVE
 CHARLESTON, SC 29425

**ROSENBLUM COE
 ARCHITECTS, INC.**

1643 MEANS STREET
 CHARLESTON, SC 29412
 843.577.6073

ELECTRICAL SCHEDULES

SHEET NAME	
PROJECT NUMBER	17016
DRAWN BY	WSD
CHECKED BY	BAC
DATE	05/09/2018
SCALE	

E601

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