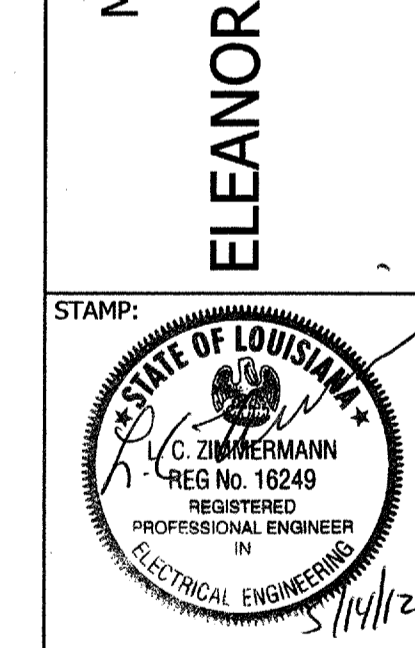


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MCMAIN HEALTH CLINIC RENOVATION
AT
ELEANOR MCMAIN SECONDARY HIGH SCHOOL
5712 SOUTH CLAIBORNE AVENUE
NEW ORLEANS, LOUISIANA 70125

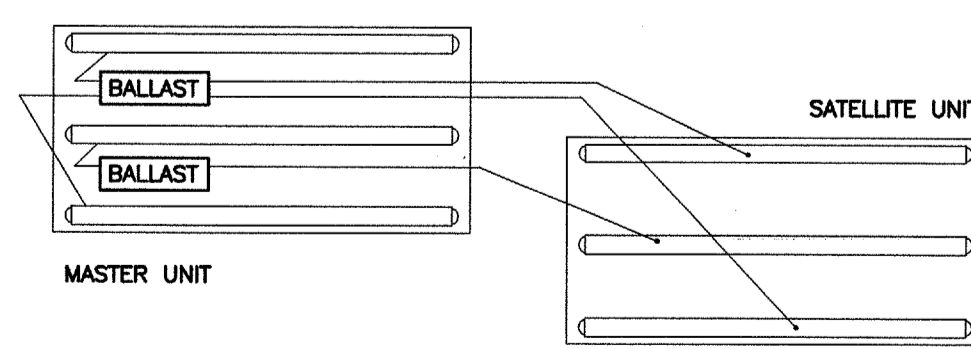


CONTRACTOR MUST VERIFY AND CHECK ALL JOB DIMENSIONS, DETAILS, AND SPECIFICATIONS ON SITE AND REPORT ANY ERROR, OMISSION, OR DISCREPANCY TO THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH WORK.

DRAWN BY: BPO
CHECKED BY: BPO DATE: 05/11/12
DATE:
JOB NO: 1007B
SHEET NO: E-03

LIGHTING FIXTURE SCHEDULE				LAMP SCHEDULE		
TYPE	NOTES	MFG'S, NAME & CAT. NO.	DESCRIPTION	MOUNTING	WATTS	TYPE
F1	2,4	CORELITE Z3-WL-3T8-2C-UNV-24-T1* OR APPROVED EQUAL BY OTHER	2X4 VOLUMETRIC FIXTURE WITH LINEAR PRISMATIC LENS, WHITE REFLECTOR. *PROVIDE FLANGE KIT FOR FIXTURES INDICATED IN A GYP CEILING	RECESSED	3/32	T8
F2	3,4	CORELITE Z3-WL-2T8-1/2C-UNV-24-T1* OR APPROVED EQUAL BY OTHER	2X4 VOLUMETRIC FIXTURE WITH LINEAR PRISMATIC LENS, WHITE REFLECTOR. *PROVIDE FLANGE KIT FOR FIXTURES INDICATED IN A GYP CEILING	RECESSED	2/32	T8
F3	2,4	CORELITE Z3-WL-3T8-1/2C-UNV-22-T1* OR APPROVED EQUAL BY OTHER	2X2 VOLUMETRIC FIXTURE WITH LINEAR PRISMATIC LENS, WHITE REFLECTOR. *PROVIDE FLANGE KIT FOR FIXTURES INDICATED IN A GYP CEILING	RECESSED	3/17	T8
F4	1	METALUX SNF-232T8-UNV-E(R/B)B1 OR APPROVED EQUAL BY OTHER	4' STRIP LIGHT	SURFACE	2/32	T8
F5		METALUX SNF-132T8-UNV-E(R/B)B1 OR APPROVED EQUAL BY OTHER	4' STRIP LIGHT	SURFACE	1/32	T8
F6		SURELITES EUS-1/2-70-S-R-(SEE PLANS)-120V-C/W OR APPROVED EQUAL BY LITHONIA, ISOLITE, MCPHILBEN, CHLORIDE, EVENLITE	EDGEKIT EXIT SIGN W/ NICKEL CADMIUM BATTERY, BRUSHED ALUMINUM TRIM FINISH, SELF DIAGNOSTICS, NUMBER OF FACES AND DIRECTIONAL ARROWS AS PER DRAWINGS OR AS REQUIRED, UNIVERSAL MOUNTING	SURFACE	-	LED
F7		SURELITES CC3WH-SD OR APPROVED EQUAL BY MCPHILBEN, LITHONIA, EVENLITE	EMERGENCY BATTERY PACK UNIT	SURFACE	INCLUDED	-

- GENERAL NOTES:**
- ALL LAMPS TO BE 3500K, UNLESS INDICATED OTHERWISE.
 - ARCHITECT TO VERIFY ALL FINISHES.
 - ALL BALLASTS ARE 120 VOLT UNLESS NOTED OTHERWISE.
 - REFER TO SPECIFICATIONS FOR ADDITIONAL BALLASTS AND LAMPS INFORMATION AND REQUIREMENTS.
 - LUMINAIRES CONTROLLED BY OCCUPANCY SENSORS SHALL HAVE PROGRAMMED-START BALLASTS.
- REFERENCE NOTES:**
- PROVIDE WIREGUARDS IN MECHANICAL AND ELECTRICAL ROOMS. PROVIDE ADJUSTABLE CHAIN HANGER SET FOR FIXTURES AS REQUIRED.
 - IF SINGLE LEVEL SWITCH SHOWN IN ROOM: PROVIDE ONE (3) LAMP BALLAST PER FIXTURE.
IF DUAL LEVEL SWITCHES SHOWN IN ROOM: PROVIDE TANDEM WIRING. OUTER LAMPS SWITCHED SEPARATELY FROM INNER LAMP.
 - IF SINGLE LEVEL SWITCH SHOWN IN ROOM: PROVIDE ONE (2) LAMP BALLAST PER FIXTURE.
IF DUAL LEVEL SWITCHES SHOWN IN ROOM: PROVIDE TANDEM WIRING. SWITCH EACH LAMP SEPARATELY.
 - FIXTURE TO BE PROVIDED WITH EMERGENCY BATTERY/BALLAST AS INDICATED ON DRAWINGS. SEE LIGHTING PLANS FOR LOCATIONS.



NOTE:
ANY FIXTURE COMBINATION OF (2) 3-LAMP UNITS, MASTER UNIT TO HAVE (1) 4-LIGHT ELECTRONIC BALLAST, (1) 2-LIGHT ELECTRONIC BALLAST, AND A 9 FT. FLEXIBLE WIRING CABLE. T8 LAMPS ONLY.

1 TYPICAL MASTER/SATELLITE WIRING DIAGRAM (FOR T8 LAMPS)
N.T.S.

PANEL SCHEDULE

AVAILABLE SHORT CIRCUIT CURRENT: 10000
AIC RATING: 10000

PANEL LOCATION NEW PANEL C1 ELECTRICAL 122		NEUTRAL MOUNTING <input checked="" type="checkbox"/> 100% <input type="checkbox"/> 200% <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH	ENCLOSURE <input checked="" type="checkbox"/> NEMA 1 <input type="checkbox"/> NEMA 3R <input checked="" type="checkbox"/> LOCKABLE COVER	FURNISH GROUND BAR KIT <input type="checkbox"/> ALSO FURNISH ADDITIONAL ISOLATED GROUND BAR KIT <input type="checkbox"/> SERVICE ENTRANCE LABEL <input checked="" type="checkbox"/> PANEL NAMEPLATE, 2"x4" ENGRAVED LAMINATED PLASTIC <input type="checkbox"/> USE 1/4" LETTERING FOR PANEL NAME, 1 LINE <input type="checkbox"/> USE 1/8" LETTERING FOR VOLTS, AMPS, WHERE FED FROM, MO/YR, INSTALLED, 4 LINES <input checked="" type="checkbox"/> BLACK FIELD, WHITE LETTERS <input type="checkbox"/> RED FIELD, WHITE LETTERS
VOLTAGE <input type="checkbox"/> 480/277, 3%K, 4W, WYE <input checked="" type="checkbox"/> 208/120V, 3%K, 4W, WYE <input type="checkbox"/> 240/120V, 3%K, 4W, DELTA W/3%K "STINGER"	FEED <input checked="" type="checkbox"/> TOP <input type="checkbox"/> BOTTOM	BRANCHES <input checked="" type="checkbox"/> BOLT-ON, PANELBOARD CONSTR. <input type="checkbox"/> STAB-IN, PANELBOARD CONSTR. <input type="checkbox"/> FUSIBLE SWITCHES, FURNISH ALL FUSES, RKS	PANEL HAS FRONT ACCESS ONLY ALL COPPER BUSSING	
225 AMP <input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> MAIN LUGS ONLY <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input checked="" type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> MAIN FUSIBLE SWITCH, FURNISH FUSES < 600A, CLASS RKS <input type="checkbox"/> > 600A, CLASS L				

CKT. NO.	# OF POLES	TRIP AMPS	LOAD DESCRIPTION	VOLT-AMPS			LOAD CODE	LOAD	VOLT-AMPS			LOAD DESCRIPTION	TRIP AMPS	# OF POLES	CKT. NO.	
				A	B	C			A	B	C					
1	2	15	AC-1	470			M	M	470			AC-2	15	2	2	
3	-	-		470			M	M	470				-	-	4	
5	2	20	CU-1			1250	M	M			3750	CU-2	60	2	6	
7	-	-		1250			M	M	3750				-	-	8	
9	2	30	WH-1			2250	M	M	100			RECRC PUMP	20	1	10	
11	-	-				2250	M	M			1500	APPLIANCE 112	20	1	12	
13	1	20	RECEPTACLES 101	1080			R	R	1620			RECEPTACLES 109	20	1	14	
15	1	20	DRINKING FOUNTAIN		600		M	R	720			RECEPTACLES 109	20	1	16	
17	1	20	RECEPTACLES 103			540	R	R			720	RECEPTACLES 110	20	1	18	
19	1	20	RECEPTACLES 103	1440			R	R	1620			RECEPTACLES 110	20	1	20	
21	1	20	RECEPTACLES 103			1440	R	R			900	RECEPTACLES 107,108,111,123	20	1	22	
23	1	20	REF. 103			800	M	R			1080	RECEPTACLES 112	20	1	24	
25	1	20	RECEPTACLES 104	1080			R	M	800			REF. 112	20	1	26	
27	1	20	RECEPTACLES 105			1620	R	R			1440	RECEPTACLES 112	20	1	28	
29	1	20	RECEPTACLES 105			720	R	R			1620	RECEPTACLES 113	20	1	30	
31	1	20	RECEPTACLES 106	720			R	R	1080			RECEPTACLES 113	20	1	32	
33	1	20	RECEPTACLES 106	720	1620		R	R			1440	AC-3, CU-3	15	1	34	
35	1	20	RECEPTACLES 102			1440	R	R			180	ROOF RECEPTACLES	20	1	36	
37	1	20	RECEPTACLES 102	1440			R	LM	8540			NEW PANEL C2	100	3	38	
39	1	20	RECEPTACLES 102			1440	R	LM			7890		-	-	40	
41	1	20	RECEPTACLES 102			900	R	LM			7850		-	-	42	
TRIP AMPS = FUSE SIZE IF FUSIBLE SWITCHES				SUBTOTAL ODD SIDE			7480	9440	7900	SUBTOTAL EVEN SIDE			17880	12960	16700	
				PHASE LOAD			25360	22400	24600	TOTAL VA			72360			

	CONNECTED LOAD	DEMAND LOAD
LIGHTING	3460	4325
KITCHEN	0	0
MISCELLANEOUS	29120	29120
RECEPTACLE	39780	24890
CONTINUOUS	0	0
NON CONCURRENT	0	0
TOTAL DEMAND LOAD		58335 VA
DEMAND AMPS		162 AMPS

PANEL SCHEDULE

AVAILABLE SHORT CIRCUIT CURRENT: 10000
AIC RATING: 10000

PANEL LOCATION NEW PANEL C2 ELECTRICAL 122		NEUTRAL MOUNTING <input checked="" type="checkbox"/> 100% <input type="checkbox"/> 200% <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH	ENCLOSURE <input checked="" type="checkbox"/> NEMA 1 <input type="checkbox"/> NEMA 3R <input checked="" type="checkbox"/> LOCKABLE COVER	FURNISH GROUND BAR KIT <input type="checkbox"/> ALSO FURNISH ADDITIONAL ISOLATED GROUND BAR KIT <input type="checkbox"/> SERVICE ENTRANCE LABEL <input checked="" type="checkbox"/> PANEL NAMEPLATE, 2"x4" ENGRAVED LAMINATED PLASTIC <input type="checkbox"/> USE 1/4" LETTERING FOR PANEL NAME, 1 LINE <input type="checkbox"/> USE 1/8" LETTERING FOR VOLTS, AMPS, WHERE FED FROM, MO/YR, INSTALLED, 4 LINES <input checked="" type="checkbox"/> BLACK FIELD, WHITE LETTERS <input type="checkbox"/> RED FIELD, WHITE LETTERS
100 AMP <input type="checkbox"/> SHUNT TRIP MAIN CB <input type="checkbox"/> MAIN LUGS ONLY <input type="checkbox"/> UL LISTED FEED-THROUGH LUGS <input checked="" type="checkbox"/> UL LISTED SUB-FEED LUGS <input type="checkbox"/> MAIN FUSIBLE SWITCH, FURNISH FUSES < 600A, CLASS RKS <input type="checkbox"/> > 600A, CLASS L	PANEL HAS FRONT ACCESS ONLY ALL COPPER BUSSING			

CKT. NO.	# OF POLES	TRIP AMPS	LOAD DESCRIPTION	VOLT-AMPS			LOAD CODE	LOAD	VOLT-AMPS			LOAD DESCRIPTION	TRIP AMPS	# OF POLES	CKT. NO.	
				A	B	C			A	B	C					
1	1	20	RECEPTACLES 115	720			R	R	1800			RECEPTACLES 118	20	1	2	
3	1	20	RECEPTACLES 115			1440	R	M			800	REF. 118	20	1	4	
5	1	20	RECEPTACLES 115			1440	R	M			1500	APPLIANCE 118	20	1	6	
7	1	20	RECEPTACLES 117	1080			R	R	1440			RECEPTACLES 116	20	1	8	
9	1	20	RECEPTACLES 117			1440	R	R			1280	RECEPTACLES 116	20	1	10	
11	1	20	RECEPTACLES 120			1260	R	M			1000	RECEPTACLES IT	20	1	12	
13	1	20	RECEPTACLES 120	1440			R	M	1000			RECEPTACLES IT	20	1	14	
15	1	20	RECEPTACLES 119,121,122,EF1-1,2			1200	M	M			1000	RECEPTACLES IT	20	1	16	
17	1	20	LIGHTING 101-106,109			1170	L	M			1000	RECEPTACLES IT	20	1	18	
19	1	20	LIGHTING 110-116,123	1080			L					SPARE	20	1	20	
21	1	20	LIGHTING 117-122			750	L					SPARE	20	1	22	
23	1	20	LIGHTING 108			480	L					SPARE	20	1	24	
25	1	20	SPARE									SPARE	20	1	26	
27			PROVISIONS									PROVISIONS			28	
29			PROVISIONS									PROVISIONS			30	
31			PROVISIONS									PROVISIONS			32	
33			PROVISIONS									PROVISIONS			34	
35			PROVISIONS									PROVISIONS			36	
37			PROVISIONS									PROVISIONS			38	
39			PROVISIONS									PROVISIONS			40	
41			PROVISIONS									PROVISIONS			42	
TRIP AMPS = FUSE SIZE IF FUSIBLE SWITCHES				SUBTOTAL ODD SIDE			4300	4830	4350	SUBTOTAL EVEN SIDE			4240	3060	3500	
				PHASE LOAD			8540	7890	7850	TOTAL VA			24280			

	CONNECTED LOAD	DEMAND LOAD
LIGHTING	3460	4325
KITCHEN	0	0
MISCELLANEOUS	7500	7500
RECEPTACLE	13320	11660
CONTINUOUS	0	0
NON CONCURRENT	0	0
TOTAL DEMAND LOAD		23485 VA
DEMAND AMPS		65 AMPS