LIGHTING FIXTURE SCHEDULE

ID	QUANTITY	DESCRIPTION	ELECTRICAL DATA		LAMP DATA			BASIS OF DESIGN		MOUNTING	NOTES	FINISH
			LOAD VA	VOLTAGE	QTY	WATTS	TYPE	MANUFACTURER	MODEL			
A	33	Recessed 2x2 Volumetric Lighting fixture	32	120	2	14	T5	Lithonia Lighting	2RT5	Recessed		Standard
B	6	Low Profile 1x4 Surface Fluorescent Wraparound	54	120	2	28	T5	Lithonia Lighting	LB	Ceiling Surface/ Stem		Standard
C	33	6" Recessed Downlight	22	120	1	18	TTT CFL	Lithonia Lighting	LF6N	Recessed		Standard
D	14	6" Recessed Lensed Downlight	22	120	1	18	TTT CFL	Lithonia Lighting	LF6N	Recessed	Wet Lens	Standard
E	20	Decorative Headwall Sconce	15	120	1	13	GU24 CFL	Lithonia Lighting	Priscilla	Wall 56" aff	Provide wall switch at Headwall	Standard
F	20	36" Patient Room Bed/ Exam Light Fixture	49.8 / 191.4	120	4	54	T5HO	Healthcare Lighting	Chrysalite	Wall 80" aff	with convenience switch and pillow switch for up and down light.	White
G	14	24" Vanity Light	32	120	2	14	T5	Tech Lighting	Luna Bath	Wall 84" aff		Satin Nickel
H	9	Combination Heater and Light Unit	1667	120	1	26	CFL	Nutone	9960	Recessed	sub. CFL for incandescent	Standard
I	19	LED Nightlight	4	120	2	2.5	LED	Vista Lighting	Bantum	Wall 18" aff	White LED w/ Occupancy Sensor and Photocell	White
J	8	Illuminated LED Exit Signs	2	120	N/A	N/A	LED	Lithonia Lighting	EDG	Ceiling / Wall		Standard
K	20	21" Decorative Round Ceiling or Pendant Fixture	88	120	2	42	TTT CFL	Eclipse Lighting	Lakeshore	Ceiling		White
L	11	26" Decorative Polished Brass Pendant Fixture	186	120	4	26	TTT CFL	LIGHTOLIER	Pendolux Traditional	Pendant	Dimming Electronic Ballast, 15 3/16" overall hang length	Polished Brass
M	4	Decorative Mini Pendant	32	120	1	26	CFL	Progress Lighting	Trinity	Pendant	Ceramic Medium screw base sub. CFL for incandescent	Polished Brass
N	28	1' Surface Wall Sconce	32	120	1	27	GU24 CFL	Good earth Lighting	Metropolitan	Wall 72" aff		Standard
O	11	22" Decorative Round Ceiling or Pendant Fixture	65	120	2	22, 40	T5 circ	Shaper by Cooper Lighting	293	Ceiling		Polished Brass
P	3	Undercabinet Task light	32	120	2	13	T5	Lithonia Lighting	UC	Undercabinet	With integrated toggle switch.	Standard

	OCPD	Conductors + Neutral	EGC (Copper) (E)	Conduit 1 Phase (1)	Conduit 3 Phase (3)
A	20	#12	#12	3/4	3/4
B	30	#10	#10	3/4	3/4
C	40	#8	#10	3/4	3/4
D	50	#6	#10	3/4	1
E	60	#4	#10	3/4	1
F	70	#4	#8	1	1 1/2
G	80	#3	#8	1 1/2	1 1/2
H	90	#2	#8	1 1/2	1 1/2
I	100	#1	#8	1 1/2	1 1/2
J	110	#1	#6	1 1/2	1 1/2
K	125	#1	#6	1 1/2	1 1/2
L	150	#1/0	#6	1 1/2	2
M	175	#2/0	#6	2	2
N	200	#3/0	#6	2	2 1/2
O	225	#4/0	#4	2	2 1/2
P	250	#250	#4	2	2 1/2
Q	300	#350	#4	2 1/2	3
R	350	#500	#3	2 1/2	3
S	400	(2) Sets of #3/0	(2) #3	2	2
T	450	(2) Sets of #4/0	(2) #2	2	2 1/2
U	500	(2) Sets of #250	(2) #2	2 1/2	2 1/2
V	600	(2) Sets of #350	(2) #1	2 1/2	3
W	700	(2) Sets of #500	(2) #1/0	3	3 1/2
X	800	(3) Sets of #350	(3) #1/0	2 1/2	3
Y	1000	(3) Sets of #500	(3) #2/0	3	3
Z	1200	(4) Sets of #350	(4) #3/0	3	3
AA	1600	(5) Sets of #400	(5) #4/0	3	3
BB	2000	(6) Sets of #500	(6) #250	3	3
CC	2500	(7) Sets of #500	(7) #350	3	3 1/2
DD	3000	(8) Sets of #500	(8) #400	3	3 1/2
EE	4000	(11) Sets of #500	(11) #500	3	3 1/2
FF	5000	(14) Sets of #500	(14) #700	3 1/2	4
GG	6000	(16) Sets of #500	(16) #800	3 1/2	4

EQUIPMENT SCHEDULE

Name	Description	HP	FLA	Voltage / Phase	Wire, Ground, Conduit Size	OCPD	Panel
1-P1A	Chilled Water Pump	5	16.7	208/3	#10, #10, 3/4"	35	MDP-2
1-P1B	Chilled Water Pump	5	16.7	208/3	#10, #10, 3/4"	35	MDP-2
1-P2A	Cooling Tower Pump	5	16.7	208/3	#10, #10, 3/4"	35	MDP-2
1-P2B	Cooling Tower Pump	5	16.7	208/3	#10, #10, 3/4"	35	MDP-2
1-SF2	AHU Supply Fan	20	59.4	208/3	#3, #8, 1 1/2"	100	MDP-2
1-RF2	AHU Return Fan	15	46.2	208/3	#4, #10, 1"	90	MDP-2
1-EF1	Exhaust Fan	7.5	24.2	208/3	#8, #10, 3/4"	50	MDP-2
1-EF2	Exhaust Fan	0.16	4.4	115/1	#12, #12, 3/4"	20	MDP-2
1-EF3	Hood Exhaust Fan	0.5	9.8	115/1	#12, #12, 3/4"	20	MDP-2
1-WCCH2	Chiller	-	0	208/3	#1, #6, 1 1/2"	150	NORMAL
1-CT2 (Fan)	Cooling Tower Fan	3	10.6	208/3	#10, #10, 3/4"	20	NORMAL
1-CT2 (Heat)	Cooling Tower Heater	4 kW	12	208/3	#10, #10, 3/4"	20	NORMAL
1-SSR2-A	Sidestream Skid	3	10.6	208/3	#10, #10, 3/4"	30	NORMAL
1-ERP-2-1	Radiant Heating Panel	-	4	208/1	#12, #12, 3/4"	15	MDP-2
1-ERP-2-2	Radiant Heating Panel	-	4	208/1	#12, #12, 3/4"	15	MDP-2
1-RO5	Reverse Osmosis Unit	-	12	208/1	#12, #12, 3/4"	20	MDP-2
-	Nutone Combo Heater/Light	-	14	120/1	#12, #12, 3/4"	20	CRIT-B
-	Country Kitchen Refrigerator	-	16	120/1	#12, #12, 3/4"	20	CRIT-A
-	Dish Washer	-	36	208/1	#8, #10, 3/4"	50	NORMAL
-	Induction Stove	-	40	208/1	#8, #10, 3/4"	50	NORMAL
-	Warming Table	-	23	208/1	#10, #10, 3/4"	30	NORMAL
-	Ice Machine	-	14	115/1	#12, #12, 3/4"	20	CRIT-A
-	Med Under Counter Refrigerator	-	4	120/1	#12, #12, 3/4"	15	CRIT-A
-	Staff Lounge Refrigerator	-	16	120/1	#12, #12, 3/4"	20	NORMAL
-	Electric Fireplace	-	12	120/1	#12, #12, 3/4"	20	NORMAL
-	Ceiling Heater	-	12.5	120/1	#12, #12, 3/4"	20	MDP-2
-	VAV BOXES	-	2.5	120/1	#12, #12, 3/4"	20	MDP-2

MDP-2

VOLTS/ PHASE/ WIRE:	PANEL SIZE:	MAIN TYPE & SIZE:	MOUNTING:	ENCLOSURE:	FED FROM:
208/120V 3phase 4W					

Circuit No.	Area Served	Trip Amps	No. Poles	PHASE LOAD VA A	PHASE LOAD VA B	PHASE LOAD VA C	No. Poles	Trip Amps	Area Served	Circuit No.
1	1-SF2	100	3	6847			3	35	1-P1 A	
				2007						2
3					6847					
					2007					4
5						6847				
						2007				6
7	1-RF2	90	3	5213			3	35	1-P1 B	
				2007						8
9					5213					
					2007					10
11						5213				
						2007				12
13	1-EF2	20	1	506			3	35	1-P2 A	
				2007						14
15	1-RO5	20	2		1248					
					2007					16
17						1248				
						2007				18
19	1-ERP2-1, 1ERP2-2	15	2	832			3	35	1-P2 B	
				2007						20
21					832					
					2007					22
23	REFRIDGERANT LEAK/ GAS DETECTION PANEL	15	1			960				
						2007				24
25	1-EF3 EXHAUST HOOD AND SUPPRESSION SYS.	20	1	2070			3	50	1-EF1	
				2907						26
27	VAV BOXES	20	1		1800					
					2907					28
29	VAV BOXES	20	1			1800				
						2907				30
31	VAV BOXES	20	1	1800			1	20	VAV BOXES	
				1800						32
33	VAV BOXES	20	1		1800		1	20	BARIATRIC CEILING HEATER	
					1500					34
35						1500	1	20	BARIATRIC CEILING HEATER	
										36
37										
										38
39										
										40
41										
										42
CONNECTED LOAD				30003	30175	28503	88681		CONNECTED AMPS	246.2

GENERAL NOTES

1. ONE-LINE DIAGRAM AND PANEL SCHEDULES BASED ON DESIGN OF NEW DISTRIBUTION SYSTEM. CONTRACTOR SHALL COORDINATE WITH INSTALLED SYSTEM TO COMPLY WITH ALL APPLICABLE CODES AND STANDARDS.
2. CONTRACTOR SHALL COORDINATE INSTALLATION AND CONNECTION OF ALL EQUIPMENT WITH ACTUAL SUPPLIED EQUIPMENT AND MANUFACTURERS RECOMMENDATIONS.

Revisions	Date
Addendum 1	6/21/12
100% Submission	7/02/10
90% Submission	5/27/10
60% Submission	4/22/10

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CARDIOLOGY	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

MEDICAL CENTER DIRECTOR DATE

ASSOCIATE MEDICAL CENTER DIRECTOR DATE

Drawing Title: ELECTRICAL SCHEDULES

Project Title: RENOVATION OF BLDG #1, 2ND FLOOR, B-WARD

Building Number | Checked | Drawn

Location: V.A.M.C. BATAVIA, NEW YORK

Date: JULY 2, 2010 (UPDATED 10/07/10)

Station No.: 528

09-352 E-900

Office of Facilities — Department of Veterans Affairs