3 PHASE PANEL SCHEDULE

PANEL DESIGNATION: MP
PANEL LOCATION: CTRL. RM.
FED FROM: CHD-C3-1 (VIA UPS)
VOLTAGE: 480Y/277, 3-PH 4-W
MAIN BKR(A): 125
BUS RATING (A): 125
MOUNTING: FLUSH
PNL WITHSTAND (A): 35kAIC
NEMA: 1
30-POLE
REMARKS: PROVIDE SHUNT TRIP MAIN BREAKER

DESCRIPTION	LOAD TYPE	BKR. A/P	CIR. NO.	PHASE VA A		PHASE VA B		PHASE VA C		CIR. NO.	BKR. A/P	LOAD TYPE	DESCRIPTION
PU-1	S	100/3	1	2,667	0					2	50/3		SC1 SYST. CONTROL CABINET
---	S	---	3			2,667	0			4	---		---
---	S	---	5					2,667	0	6	---		---
SPARE	S	100/3	7	5,733	0					8	50/3		SPARE
---	S	---	9			5,733	0			10	---		---
---	S	---	11					5,733	0	12	---		---
SPARE		20/1	13	0	0					14	20/1		SPARE
SPARE		20/1	15			0	0			16	20/1		SPARE
SPARE		20/1	17					0	0	18	20/1		SPARE
SPACE			19	0	0					20			SPACE
SPACE			21			0	0			22			SPACE
SPACE			23					0	0	24			SPACE
SPACE			25	0	0					26			SPACE
SPACE			27			0	0			28			SPACE
SPACE			29					0	0	30			SPACE
				0	0								
						0	0						
								0	0				
				0	0								
						0	0						
								0	0				
VA EACH PHASE				8,400		8,400		8,400					

		CONNECTED	DEMAND
AREA SERVED (SF) 1,636	VA LIGHTING	0	7,158
MIN. LTG (VA/SF) 3.5	VA RECEPTACLE	0	0
5,726	VA MOTOR	0	0
	VA GENERAL	0	0
	VA W/ MULTIPLIER	25,200	31,500
		VA	AMPS
Demand calc: Lighting per NEC 215.2 & 220.12, Receptacle per NEC 220.14 & 220.44, Motor per NEC 430.24.	TOTAL CONNECTED	25,200	30.3
	TOTAL DEMAND	38,658	46.5

LOAD TYPE
R = RECEPTACLE
L = LIGHTING
M = MOTOR
G = GENERAL
S = SPECIAL
V = VARIED
* = NON CONCURRENT

ISOLATION PANEL SCHEDULE

PANEL DESIGNATION: IPU19
PANEL LOCATION: OR-9
FED FROM:
VOLTAGE: 120V, 1-PH
MAIN BKR(A): 35
BUS RATING (A): 100
MOUNTING: FLUSH
PNL WITHSTAND (A): 10kAIC
NEMA: 1
24-POLE
REMARKS: 7.5 KVA ISOLATION TRANSFORMER

DESCRIPTION	LOAD TYPE	BKR. A/P	CIR. NO.	PHASE VA A		PHASE VA B		CIR. NO.	BKR. A/P	LOAD TYPE	DESCRIPTION
W WALL PWR MODULE RECEPT		20/1	1	0	0			2	20/1		EQUIPMENT BOOM RECEPT
W WALL PWR MODULE RECEPT		20/1	3			0	0	4	20/1		EQUIPMENT BOOM RECEPT
W WALL PWR MODULE RECEPT		20/1	5	0	0			6	20/1		EQUIPMENT BOOM RECEPT
W WALL PWR MODULE RECEPT		20/1	7			0	0	8	20/1		PERFUSION BOOM RECEPT
S WALL PWR MODULE RECEPT		20/1	9	0	0			10	20/1		PERFUSION BOOM RECEPT
S WALL PWR MODULE RECEPT		20/1	11			0	0	12	20/1		SURGICAL LIGHT
S WALL PWR MODULE RECEPT		20/1	13	0	0			14	20/1		DUAL MONITORS
S WALL PWR MODULE RECEPT		20/1	15			0	0	16	20/1		MONITOR BOOM RECEPT
N WALL RECEPT		20/1	17	0	0			18	20/1		
		20/1	19			0	0	20	20/1		
		20/1	21	0	0			22	20/1		
		20/1	23			0	0	24	20/1		
				0	0						
						0	0				
				0	0						
						0	0				
				0	0						
						0	0				
				0	0						
VA EACH PHASE				0		0					

		CONNECTED	DEMAND
AREA SERVED (SF) 0	VA LIGHTING	0	0
MIN. LTG (VA/SF) 3.0	VA RECEPTACLE	0	0
0	VA MOTOR	0	0
	VA GENERAL	0	0
	VA W/ MULTIPLIER	0	0
		VA	AMPS
Demand calc: Lighting per NEC 215.2 & 220.12, Receptacle per NEC 220.14 & 220.44, Motor per NEC 430.24.	TOTAL CONNECTED	0	0.0
	TOTAL DEMAND	0	0.0

LOAD TYPE
R = RECEPTACLE
L = LIGHTING
M = MOTOR
G = GENERAL
S = SPECIAL
V = VARIED

ISOLATION PANEL SCHEDULE

PANEL DESIGNATION: IPU20
PANEL LOCATION: OR-9
FED FROM:
VOLTAGE: 120V, 1-PH
MAIN BKR(A): 35
BUS RATING (A): 100
MOUNTING: FLUSH
PNL WITHSTAND (A): 10kAIC
NEMA: 1
24-POLE
REMARKS: 7.5 KVA ISOLATION TRANSFORMER

DESCRIPTION	LOAD TYPE	BKR. A/P	CIR. NO.	PHASE VA A		PHASE VA B		CIR. NO.	BKR. A/P	LOAD TYPE	DESCRIPTION
N WALL PWR MODULE RECEPT		20/1	1	0	0			2	20/1		SURGICAL LIGHT
N WALL PWR MODULE RECEPT		20/1	3			0	0	4	20/1		DUAL MONITORS
N WALL PWR MODULE RECEPT		20/1	5	0	0			6	20/1		ANESTHESIA BOOM RECEPT
N WALL PWR MODULE RECEPT		20/1	7			0	0	8	20/1		ANESTHESIA BOOM RECEPT
E WALL PWR MODULE RECEPT		20/1	9	0	0			10	20/1		
E WALL PWR MODULE RECEPT		20/1	11			0	0	12	20/1		
E WALL PWR MODULE RECEPT		20/1	13	0	0			14	20/1		
E WALL PWR MODULE RECEPT		20/1	15			0	0	16	20/1		
ELAPSED TIME CLOCK SWEEP HAND CLOCK		20/1	17	0	0			18	20/1		
		20/1	19			0	0	20	20/1		
		20/1	21	0	0			22	20/1		
		20/1	23			0	0	24	20/1		
				0	0						
						0	0				
				0	0						
						0	0				
				0	0						
						0	0				
				0	0						
VA EACH PHASE				0		0					

		CONNECTED	DEMAND
AREA SERVED (SF) 0	VA LIGHTING	0	0
MIN. LTG (VA/SF) 3.0	VA RECEPTACLE	0	0
0	VA MOTOR	0	0
	VA GENERAL	0	0
	VA W/ MULTIPLIER	0	0
		VA	AMPS
Demand calc: Lighting per NEC 215.2 & 220.12, Receptacle per NEC 220.14 & 220.44, Motor per NEC 430.24.	TOTAL CONNECTED	0	0.0
	TOTAL DEMAND	0	0.0

LOAD TYPE
R = RECEPTACLE
L = LIGHTING
M = MOTOR
G = GENERAL
S = SPECIAL
V = VARIED
* = NON CONCURRENT

FINAL SUBMITTAL
APPROVED FOR CONSTRUCTION

Revisions:	Date

CONSULTANTS:

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AKEA Project No. 072-14

Drawing Title: ELECTRICAL PANEL SCHEDULES
Approved: Project Director
Project Title: NEW SURGICAL 9TH OR SUITE
Location: Atlanta, Georgia
Date: APRIL 30, 2014
Checked: RAH
Drawn: KLL
Project Number: 508-14-105
Building Number:
Drawing Number: E500
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Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231