ELECTRICAL PANEL SCHEDULES

PANEL: 2LPK

NEW · FLUSH MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : LUGS ONLY
FED FROM : 2DBB

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
TISSUE 2614	1	540	3	K	20	1	1140			1	20			600	2	ENTRY 2617 GEN. EQUIP.
TISSUE 2614 BSC	3	1488			20	1		3088		2	20			1600	4	ENTRY 2617 DED 208V REC.
TISSUE 2614 BSC	5	1488			20	1			3088	-	-			1600	6	-
TISSUE 2614 BSC	7	1488			20	1	3988			2	30			2500	8	ENTRY 2617 DED 208V REC.
ENTRY 2617 EQUIP.	9	600			20	1		3100		-	-			2500	10	-
ENTRY 2617 DED 208V	11	2500			30	2			3040	1	20	R	3	540	12	TISSUE 2616 GEN. PUR. REC.
-	13	2500			-	-	3988			1	20			1488	14	TISSUE 2616 BSC
ENTRY 2617 DED 208V	15	1600			20	2		3088		1	20			1488	16	TISSUE 2616 BSC
-	17	1600			-	-			2200	1	20			600	18	ENTRY 2617 GEN. EQUIP.
FUME HOOD 2615 FUME HOOD	19	1200			20	1	1920			1	20	R	4	720	20	LAB SUPPORT
FUME HOOD 2615 FUME HOOD	21	1200			20	1		1920		1	20	R	4	720	22	LAB SUPPORT
FUME HOOD 2615 GEN. PUR. REC.	23	540	3	R	20	1			540	1	20				24	SPARE
FUME HOOD 2615 GEN. PUR. REC.	25	540	3	R	20	1	540			1	20				26	SPARE
E27 ICE FLAKER	27	1320			20	1		1320		1	20				28	SPARE
ENTRY 2617 EQUIP.	29	600			20	1			600	1	20				30	SPARE
SPARE	31				20	1	0			1	20				32	SPARE
SPARE	33				20	1		0		1	20				34	SPARE
SPARE	35				20	1			0	1	20				36	SPARE
SPARE	37				20	1	0			1	20				38	SPARE
SPARE	39				20	1		0		1	20				40	SPARE
SPARE	41				20	1			0	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							11576	12516	9468	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	34	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		3060 VA	3060 VA	34	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	93	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	3 AT 90% =	486 VA	540 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		29960 VA	29960 VA	93	TOTAL DESIGN AMPS

PANEL: 2LPL

NEW · FLUSH MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : LUGS ONLY
FED FROM : 2DBB

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
SPARE	1				20	2	540			2	20			540	2	LAB 2816
-	3				-	-		540		-	-			540	4	LAB 2816
LAB 2815	5	540			20	2			1080	2	20			540	6	LAB 2817
LAB 2815	7	540			-	-	1080			-	-			540	8	LAB 2817
LAB 2816	9	540			20	2		1080		2	20			540	10	LAB 2816
LAB 2816	11	540			-	-			1080	-	-			540	12	LAB 2816
LAB 2815	13	540			20	2	1080			2	20			540	14	LAB 2817
LAB 2815	15	540			-	-		1080		-	-			540	16	LAB 2817
LAB 2816	17	540			20	2			1080	2	20			540	18	LAB 2817
LAB 2816	19	540			-	-	1080			-	-			540	20	LAB 2817
LAB 2814	21	540			20	2		1080		2	20			540	22	LAB 2817
LAB 2814	23	540			-	-			1080	-	-			540	24	LAB 2817
LAB 2815	25	540			20	2	900			1	20	R	2	360	26	PROC. 2820 REC.
LAB 2815	27	540			-	-		1260		1	20	R	4	720	28	PROC. 2820 REC.
LAB 2814	29	540			20	2			720	1	20	R	1	180	30	PROC. 2820 REC.
LAB 2814	31	540			-	-	2304			1	20			1764	32	PROC. 2820 BSC
LAB 2815	33	540			20	2		1740		1	20			1200	34	ARL ATS, GEN REC.
LAB 2815	35	540			-	-			540	1	20				36	SPARE
PROC 2821 REC.	37	180	1	R	20	1	180			1	20				38	SPARE
PROC 2821 BSC	39	1764			20	1		1764		1	20				40	SPARE
SPARE	41				20	1			0	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							7164	8544	5580	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	21	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		1440 VA	1440 VA	21	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	59	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		19848 VA	19848 VA	59	TOTAL DESIGN AMPS

PANEL: 2UPS

NEW · SURFACE MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : 150A, 3P
FED FROM : 1UPS

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
PANEL 3UPS	1	3000		S	100	3	4500			1	30			1500	2	EQUIP. RACK NEMA L5-30R
-	3	3000		S	-	-		4500		1	30			1500	4	EQUIP. RACK NEMA L5-30R
-	5	3000		S	-	-			4500	1	30			1500	6	EQUIP. RACK NEMA L5-30R
SPACE	7						0			1	30				8	SPARE
SPACE	9							0		1	30				10	SPARE
SPACE	11								0	1	30				12	SPARE
SPACE	13						0			1	30				14	SPARE
SPACE	15							0							16	SPACE
SPACE	17								0						18	SPACE
SPACE	19						0								20	SPACE
SPACE	21							0							22	SPACE
SPACE	23								0						24	SPACE
SPACE	25						0								26	SPACE
SPACE	27							0							28	SPACE
SPACE	29								0						30	SPACE
	31						0								32	
	33							0							34	
	35								0						36	
	37						0								38	
	39							0							40	
	41								0						42	
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							4500	4500	4500	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	14	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		0 VA	0 VA	14	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	37	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		13500 VA	13500 VA	37	TOTAL DESIGN AMPS

PANEL: 3LA

NEW · SURFACE MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : 225A, 3P
FED FROM : 3DBA

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
OFFICE 3001	1	540	3	R	20	1	1440			1	20	R	5	900	2	EXTERIOR RECEPTACLES
OFFICE 3002	3	540	3	R	20	1		540		1	20				4	SPARE
OFFICE 3003	5	540	3	R	20	1			1440	1	20			900	6	COMP LAB 3803 FURN.
OFFICE 3004	7	540	3	R	20	1	1440			1	20			900	8	COMP LAB 3803 FURN.
OFFICE 3005	9	540	3	R	20	1		1440		1	20			900	10	COMP LAB 3803 FURN.
OFFICE 3006	11	540	3	R	20	1			840	1	20			300	12	COMP LAB 3804 FLOORBOX
OFFICE 3007	13	540	3	R	20	1	740			1	20			200	14	CONFER. 3804 PROJECTOR
T RM's AND LER REC.	15	1080	6	R	20	1		1180		1	20			100	16	CONFER. 3804 MOTOR SCREEN
T. HAND DRYER	17	1400			20	1			2300	1	20			900	18	CONFER. 3804 TV
T. HAND DRYER	19	1400			20	1	2300			1	20	R	5	900	20	CONFER. 3804 CONV. REC.
ENTRY WAY RECEPT.	21	360	2	R	20	1		720		1	20	R	2	360	22	ADMIN 3601
OFFICE POD SSFC's	23	286		M	15	2			646	1	20	R	2	360	24	ADMIN 3601
-	25	286		M	-	-	646			1	20	R	2	360	26	ADMIN 3601
BREAK 3107	27	500			20	1		800		1	20			300	28	AV EQUIP
BREAK 3107	29	500			20	1			1000	1	20			500	30	AV EQUIP
BREAK 3107	31	500			20	1	1000			1	20			500	32	AV EQUIP
BREAK 3107	33	180	1	R	20	1		180		1	20				34	SPARE
BREAK 3107	35	540	3	R	20	1			540	1	20				36	SPARE
BREAK 3107	37	200			20	1	200			1	20				38	SPARE
BREAK 3107	39	180	1	R	20	1		180		1	20				40	SPARE
BREAK RM REC.	41	180	1	R	20	1			180	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							7766	5040	6946	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	20	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		9180 VA	9180 VA	20	TOTAL DESIGN kVA
M-MOTOR LOADS		572 VA	572 VA	55	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	1	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		10000 VA	10000 VA	56	TOTAL DESIGN AMPS

PANEL: 3LB

NEW · FLUSH MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : LUGS ONLY
FED FROM : 3DBA

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
OFFICE 3008	1	540	3	R	20	1	900			1	20	R	2	360	2	EXTERIOR RECEPTS.
OFFICE 3009	3	540	3	R	20	1		1440		1	20			900	4	CONF. 3116 TV
OFFICE 3010	5	540	3	R	20	1			1260	1	20	R	4	720	6	CONF. 2116
OFFICE 3011	7	540	3	R	20	1	640			1	20			100	8	CONF. 3116 MOTOR SCREEN
CORRIDOR AND SPILL RM	9	540	3	R	20	1		840		1	20			300	10	CONF. 3116 FL. BOX
CORRIDOR AND SPILL RM	11	360	2	R	20	1			560	1	20			200	12	CONF. PROJ.
COMP AND ADMIN FURN.	13	720	4	R	20	1	1260			1	20	R	3	540	14	IT OFFICE, COMP
COMP AND ADMIN FURN.	15	720	4	R	20	1		1260		1	20	R	3	540	16	IT OFFICE, COMP
COMP AND ADMIN FURN.	17	720	4	R	20	1			1260	1	20	R	3	540	18	IT OFFICE, COMP
DRINKING FOUNTAINS	19	1200		M	20	1	1700			1	20			500	20	COPY
WOMEN RM HAND DRYER	21	1400			20	1		1760		1	20	R	2	360	22	COPY
MEN RM HAND DRYER	23	1400			20	1			2840	1	20			1440	24	COPY
REST RM, JAN, STOR. CONV. REC.	25	900	5	R	20	1	1620			1	20	R	4	720	26	IT OFFICE
IDF RECEPT.	27	360	2	R	20	1		860		1	20			500	28	SMOKE FIRE DAMPER
IDF RECEPT.	29	360	2	R	20	1			660	1	20			300	30	AV EQUIP
SPARE	31				20	1	500			1	20			500	32	AV EQUIP
COMP AND ADMIN GEN RECEPT	33	720	4	R	20	1		720		1	20				34	SPARE
AV EQUIP	35	500			20	1			500	1	20				36	SPARE
SPARE	37				20	1	0			1	20				38	SPARE
SPARE	39				20	1		0		1	20				40	SPARE
SPARE	41				20	1			0	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							6620	6880	7080	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	21	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		9900 VA	9900 VA	18	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	57	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		8040 VA	8040 VA	50	TOTAL DESIGN AMPS

PANEL: 3LPA

NEW · FLUSH MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : LUGS ONLY
FED FROM : 3DBA

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
SPARE	1				20	2	540			2	20			540	2	LAB 3102
-	3				-	-		540		-	-			540	4	LAB 3102
LAB 3101	5	540			20	2			1080	2	20			540	6	LAB 3103
LAB 3101	7	540			-	-	1080			-	-			540	8	LAB 3103
LAB 3102	9	540			20	2		1080		2	20			540	10	LAB 3102
LAB 3102	11	540			-	-			1080	-	-			540	12	LAB 3102
LAB 3101	13	540			20	2	1080			2	20			540	14	LAB 3103
LAB 3101	15	54			-	-		594		-	-			540	16	LAB 3103
LAB 3102	17	540			20	2			540	1	20				18	SPARE
LAB 3102	19	540			-	-	540			1	20				20	SPARE
WATER PURIFICATION SYSTEM	21	500			20	1		500		1	20				22	SPARE
WATER PURIFICATION SYSTEM	23	500			20	1			860	1	20	R	2	360	24	LAB RECEPT
WATER PURIFICATION SYSTEM	25	500			20	1	500			1	20				26	SPARE
LAB 3101	27	540			20	2		540		1	20				28	SPARE
LAB 3101	29	540			-	-			540	1	20				30	SPARE
LAB 3101	31	540			20	2	540			1	20				32	SPARE
LAB 3101	33	540			-	-		540		1	20				34	SPARE
SECURITY POWER SUPPLIES	35	100			20	1			100	1	20				36	SPARE
SPARE	37				20	1	0			1	20				38	SPARE
SPARE	39				20	1		0		1	20				40	SPARE
SPARE	41				20	1			0	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							4280	3794	4200	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	12	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		360 VA	360 VA	12	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	34	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		11914 VA	11914 VA	34	TOTAL DESIGN AMPS

PANEL: 3LPB

NEW · FLUSH MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : LUGS ONLY
FED FROM : 3DBA

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
TISSUE 3301	1	540	3	R	20	1	1140			1	20			600	2	ENTRY 3302 GEN. EQUIP.
TISSUE 3301 BSC	3	1488			20	1		3088		2	20			1600	4	ENTRY 3302 DED 208V REC.
TISSUE 3301 BSC	5	1488			20	1			3088	-	-			1600	6	-
TISSUE 3301 BSC	7	1488			20	1	3988			2	30			2500	8	ENTRY 3302 DED 208V REC.
ENTRY 3302 EQUIP.	9	600			20	1		3100		-	-			2500	10	-
ENTRY 3302 DED 208V	11	2500			30	2			3220	1	20	R	4	720	12	TISSUE 3303 GEN. PUR. REC.
-	13	2500			-	-	3988			1	20			1488	14	TISSUE 3303 BSC
ENTRY 3302 DED 208V	15	1600			20	2		3088		1	20			1488	16	TISSUE 3303 BSC
-	17	1600			-	-			3088	1	20			1488	18	TISSUE 3303 BSC
LAB 3304 FUME HOOD	19	1200			20	1	1920			1	20	R	4	720	20	DARK RM
LAB 3304 FUME HOOD	21	1200			20	1		1380		1	20	R	1	180	22	DARK RM
LAB 3304 RECEPT	23	360	2	R	20	1			900	1	20	R	3	540	24	DARK RM
LAB 3304 RECECPT	25	540	3	R	20	1	540			1	20				26	SPARE
ENTRY 3302 EQUIP.	27	600			20	1		600		1	20				28	SPARE
DARK RM LIGHT	29	200		L	20	1			200	1	20				30	SPARE
SPARE	31				20	1	600			1	20			600	32	ENTRY 3302 GEN. EQUIP.
SPARE	33				20	1		0		1	20				34	SPARE
SPARE	35				20	1			0	1	20				36	SPARE
SPARE	37				20	1	0			1	20				38	SPARE
SPARE	39				20	1		0		1	20				40	SPARE
SPARE	41				20	1			0	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							12176	11256	10496	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	34	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		3240 VA	3240 VA	36	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	94	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		32528 VA	32528 VA	99	TOTAL DESIGN AMPS

PANEL: 3LPC

NEW · FLUSH MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : LUGS ONLY
FED FROM : 3DBA

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
SPARE	1				20	2	540			2	20			540	2	LAB 3105
-	3				-	-		540		-	-			540	4	LAB 3105
LAB 3104	5	540			20	2			1080	2	20			540	6	LAB 3106
LAB 3104	7	540			-	-	1080			-	-			540	8	LAB 3106
LAB 3105	9	540			20	2		1080		2	20			540	10	LAB 3105
LAB 3105	11	540			-	-			1080	-	-			540	12	LAB 3105
LAB 3104	13	540			20	2	1080			2	20			540	14	LAB 3105
LAB 3104	15	540			-	-		1080		-	-			540	16	LAB 3106
LAB 3105	17	540			20	2			1080	2	20			540	18	LAB 3106
LAB 3105	19	540			-	-	1080			-	-			540	20	LAB 3106
LAB 3103	21	540			20	2		1080		2	20			540	22	LAB 3106
LAB 3103	23	540			-	-			1080	-	-			540	24	LAB 3106
LAB 3104	25	540			20	2	540			1	20				26	SPARE
LAB 3104	27	540			-	-		540		1	20				28	SPARE
LAB 3103	29	540			20	2			540	1	20				30	SPARE
LAB 3103	31	540			-	-	540			1	20				32	SPARE
LAB 3104	33	540			20	2		540		1	20				34	SPARE
LAB 3104	35	540			-	-			540	1	20				36	SPARE
SPARE	37				20	1	0			1	20				38	SPARE
SPARE	39				20	1		0		1	20				40	SPARE
SPARE	41				20	1			0	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							4860	4860	5400	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	15	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		0 VA	0 VA	15	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	42	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		15120 VA	15120 VA	42	TOTAL DESIGN AMPS

PANEL: 3LPD

NEW · FLUSH MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : LUGS ONLY
FED FROM : 3DBA

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
SPARE	1				20	2	540			2	20			540	2	LAB 3109
-	3				-	-		540		-	-			540	4	LAB 3109
LAB 3108	5	540			20	2			1080	2	20			540	6	LAB 3110
LAB 3108	7	540			-	-	1080			-	-			540	8	LAB 3110
LAB 3109	9	540			20	2		1080		2	20			540	10	LAB 3109
LAB 3109	11	540			-	-			1080	-	-			540	12	LAB 3109
LAB 3108	13	540			20	2	1080			2	20			540	14	LAB 3110
LAB 3108	15	540			-	-		1080		-	-			540	16	LAB 3110
LAB 3109	17	540			20	2			900	1	20	R	2	360	18	LAB SPACE CONV REC.
LAB 3109	19	540			-	-	1080			2	20			540	20	LAB 3108
WATER PURIFICATION SYSTEM	21	500			20	1		1040		-	-			540	22	LAB 3108
WATER PURIFICATION SYSTEM	23	500			20	1			1040	2	20			540	24	LAB 3108 NEMA L6-21R
WATER PURIFICATION SYSTEM	25	500			20	1	1040			-	-			540	26	-
SPARE	27				20	1		0		1	20				28	SPARE
SPARE	29				20	1			0	1	20				30	SPARE
SPARE	31				20	1	0			1	20				32	SPARE
SPARE	33				20	1		0		1	20				34	SPARE
SECURITY POWER SUPPLIES	35	100			20	1			100	1	20				36	SPARE
SPARE	37				20	1	0			1	20				38	SPARE
SPARE	39				20	1		0		1	20				40	SPARE
SPARE	41				20	1			0	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							4820	3740	4200	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	13	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		360 VA	360 VA	13	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	35	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		12400 VA	12400 VA	35	TOTAL DESIGN AMPS

PANEL: 3LPE

NEW · FLUSH MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : LUGS ONLY
FED FROM : 3DBA

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
TISSUE 3308 GEN. PUR. REC.	1	540	3	R	20	1	1140			1	20			600	2	LAB 3309 EQUIP. REC.
TISSUE 3308 BSC	3	1488			20	1		3088		2	20			1600	4	ENTRY 3302 DED 208V
TISSUE 3308 BSC	5	1488			20	1			3088	-	-			1600	6	-
TISSUE 3308 BSC	7	1488			20	1	3988			2	30			2500	8	ENTRY 3302 DED 208V
ENTRY 3309 GEN. EQUIP.	9	600			20	1		3100		-	-			2500	10	-
ENTRY 3309 DED 208V REC.	11	2500			30	2			3040	1	20	R	3	540	12	TISSUE 3312 GEN. PUR. REC.
-	13	2500			-	-	3988			1	20			1488	14	TISSUE 3312 BSC
ENTRY 3309 DED 208V REC.	15	1600			20	2		3088		1	20			1488	16	TISSUE 3312 BSC
-	17	1600			-	-			3088	1	20			1488	18	TISSUE 3312 BSC
LAB 3311 FUME HOOD	19	1200			20	1	1800			1	20			600	20	LAB SUPPORT 3310 GEN. EQUIP.
LAB 3311 FUME HOOD	21	1200			20	1		1800		1	20			600	22	LAB SUPPORT 3310 GEN. EQUIP.
LAB GEN. PUR. REC.	23	540	3	R	20	1			1140	1	20			600	24	LAB SUPPORT 3310 GEN. EQUIP.
LAB GEN. PUR. REC.	25	540	3	R	20	1	1140			1	20			600	26	LAB SUPPORT 3310 GEN. EQUIP.
DARK ROOM 3313 RECEPT.	27	360	2	R	20	1		900		1	20	R	3	540	28	LAB SUPPORT 3310 GEN. PUR. REC.
DARK ROOM 3313 RECEPT.	29	360	2	R	20	1			1080	1	20	R	4	720	30	LAB SUPPORT 3310 GEN. PUR. REC.
DARK ROOM LIGHT	31	100		L	20	1	820			1	20	R	4	720	32	LAB SUPPORT 3310 GEN. PUR. REC.
ENTRY 3309 GEN. EQUIP.	33	600			20	1		1200		1	20			600	34	LAB 3309 EQUIP. REC.
SPARE	35				20	1			0	1	20				36	SPARE
SPARE	37				20	1	0			1	20				38	SPARE
SPARE	39				20	1		0		1	20				40	SPARE
SPARE	41				20	1			0	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							12876	13176	11436	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	125 VA	100 VA	37	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		4860 VA	4860 VA	38	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	104	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		32528 VA	32528 VA	104	TOTAL DESIGN AMPS

PANEL: 3LPF

NEW · FLUSH MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : LUGS ONLY
FED FROM : 3DBA

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
SPARE	1				20	2	540			2	20			540	2	LAB 3112
-	3				-	-		540		-	-			540	4	LAB 3112
LAB 3111	5	540			20	2			1080	2	20			540	6	LAB 3113
LAB 3111	7	540			-	-	1080			-	-			540	8	LAB 3113
LAB 3112	9	540			20	2		1080		2	20			540	10	LAB 3112
LAB 3112	11	540			-	-			1080	-	-			540	12	LAB 3112
LAB 3111	13	540			20	2	1080			2	20			540	14	LAB 3113
LAB 3111	15	540			-	-		1080		-	-			540	16	LAB 3113
LAB 3112	17	540			20	2			1080	2	20			540	18	LAB 3113
LAB 3112	19	540			-	-	1080			-	-			540	20	LAB 3113
LAB 3110	21	540			20	2		1080		2	20			540	22	LAB 3113
LAB 3110	23	540			-	-			1080	-	-			540	24	LAB 3113
LAB 3111	25	540			20	2	540			1	20				26	SPARE
LAB 3111	27	540			-	-		540		1	20				28	SPARE
LAB 3110	29	540			20	2			540	1	20				30	SPARE
LAB 3110	31	540			-	-	540			1	20				32	SPARE
LAB 3111	33	540			20	2		540		1	20				34	SPARE
LAB 3111	35	540			-	-			540	1	20				36	SPARE
STERILIZER	37	240			20	1	240			1	20				38	SPARE
SPARE	39				20	1		0		1	20				40	SPARE
SPARE	41				20	1			0	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							5100	4860	5400	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	15	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		0 VA	0 VA	15	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	43	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		15360 VA	15360 VA	43	TOTAL DESIGN AMPS

PANEL: 3LPG

NEW · FLUSH MOUNTED · 10 kAIC RATING · NEMA 1 ENCLOSURE

VOLT : 208Y/120V 3 PHASE, 4 WIRE
BUS : 225 AMP
MAIN : LUGS ONLY
FED FROM : 3DBA

DESCRIPTION	CKT	LOAD	REC	KEY	BREAKER AMP	P	VA PER PHASE A	B	C	P	BREAKER AMP	KEY	REC	LOAD	CKT	DESCRIPTION
SPARE	1				20	2	540			2	20			540	2	LAB 3806
-	3				-	-		540		-	-			540	4	LAB 3806
LAB 3805	5	540			20	2			1080	2	20			540	6	LAB 3807
LAB 3805	7	540			-	-	1080			-	-			540	8	LAB 3807
LAB 3806	9	540			20	2		1080		2	20			540	10	LAB 3806
LAB 3806	11	540			-	-			1080	-	-			540	12	LAB 3806
LAB 3805	13	540			20	2	1080			2	20			540	14	LAB 3807
LAB 3805	15	540			-	-		1080		-	-			540	16	LAB 3807
LAB 3806	17	540			20	2			900	1	20	R	2	360	18	LAB CONV. RECEPT
LAB 3806	19	540			-	-	540			1	20				20	SPARE
WATER PURIFICATION SYSTEM	21	500			20	1		500		1	20				22	SPARE
WATER PURIFICATION SYSTEM	23	500			20	1			500	1	20				24	SPARE
WATER PURIFICATION SYSTEM	25	500			20	1	500			1	20				26	SPARE
LAB 3805	27	540			20	2		540		1	20				28	SPARE
LAB 3805	29	540			-	-			540	1	20				30	SPARE
LAB 3805	31	540			20	2	540			1	20				32	SPARE
LAB 3805	33	540			-	-		540		1	20				34	SPARE
SPARE	35				20	1			0	1	20				36	SPARE
SPARE	37				20	1	0			1	20				38	SPARE
SPARE	39				20	1		0		1	20				40	SPARE
SPARE	41				20	1			0	1	20				42	SPARE
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE							0	0	0	PANEL:						
TOTAL VA PER PHASE							4280	4280	4100	TOTALS						

KEY	DEMAND	DESIGN	CONNECTED		TOTALS
L-GENERAL LIGHTING LOAD	125%	0 VA	0 VA	13	TOTAL CONNECTED kVA
R-RECEPTACLE LOAD (PER NEC ART. 220-13)		360 VA	360 VA	13	TOTAL DESIGN kVA
M-MOTOR LOADS		0 VA	0 VA	35	TOTAL CONNECTED AMPS
K-KITCHEN RECEPTACLES	0 AT 100% =	0 VA	0 VA	0	25% OF LARGEST MOTOR AMPS
ALL OTHER LOADS		12300 VA	12300 VA	35	TOTAL DESIGN AMPS

2LPK	3LB	3LPD
2LPL	3LPA	3LPE
2UPS	3LPB	3LPF
3LA	3LPC	3LPG

ISSUED FOR	DATE
Pre-Schematic Design	07/14/2008
Schematic Design	07/28/2008
BID PK #1	10/06/2008
50% Progress	10/24/2008
BID PK #1 80 CD	12/01/2008
BID PK #1 100 CD	02/16/2009
BID PK #2 100 CD	03/26/2009
100% CD	05/08/2009
CD 4	01/07/2010
COB 1 (3)	02/26/2010
COB 2 (4)	02/26/2010
CD 4	04/15/2010
RW PERMIT	05/05/2010
ASI#008 R1 (10)	07/01/2010
ASI#005 (7)	07/06/2010
ASI#015 (11)	07/09/2010
ASI#004 (5)	07/12/2010
ASI#008R2 (18)	07/19/2010
ASI#010 (19)	08/13/2010

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SHEET NUMBER: E7005
SCALE: NONE
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ELECTRICAL PANEL SCHEDULES

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