



SMRT
ARCHITECTURE ENGINEERING PLANNING
SWRT
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DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY	
	A	B	C								A	B	C		
	28.0			1						20	2.2			OPEN OFFICE LIGHTING	
ROOF TOP UNIT RTU-5		28.0		3	125					20	4	2.7		OPEN OFFICE LIGHTING	
			28.0	5						20	6	2.0		OPEN OFFICE LIGHTING	
	15.0			7						20	8	1.8		NIGHT LIGHT / EXIT SIGNS	
PANELBOARD PPS VIA XFMR		15.0		9	110					20	10	2.1		LTG OFFICES / CORE AREA	
		15.0		11						20	12	3.0		ELECTRIC BASEBOARD	
				13						20	14	1.5		ELECTRIC BASEBOARD	
SPARE				15	20					20	16	3.0		ELECTRIC BASEBOARD	
				17						20	18	3.0		ELECTRIC BASEBOARD	
VAV-43	4.3			19						20	22	3.2		VAV-PP41, VAV-42	
	4.3			21	25					20	24				
		4.3		23						20	26	2.5			
VAV-PP23		2.2		25						20	28	2.5		VAV-37	
		2.2		27	20					20	30	2.5			
			2.2	29						20	32	2.2			
VAV-PP34	4.1			31						20	34	2.2		VAV-PP38	
		4.1		33	25					20	36				
			4.1	35						20	38	2.2			
				37						15	40	2.2		CONDENSING UNIT CU-1	
			2.2	39	20					42					
			2.2	41											
SUB-TOTAL	55.8	55.8	55.8			NEUTRAL BUS GROUND BUS					15.6	17.9	17.6	SUB-TOTAL	
VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 400 AMP BUS											TOTAL KVA	A	71.4	PANEL NO.	
MAIN LUGS ONLY 300 AMP LUGS											TOTAL KVA	B	73.7		TP5
MOUNTING: SURFACE											TOTAL KVA	C	73.4	LOCATION	
SC RATING: 42,000 AIC											TOTAL KVA		218.5		ELEC ROOM 504
NOTES:															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY	
	A	B	C								A	B	C		
RECEPTS PRIVATE OFFICE	0.8			1	20					20	2			SPARE	
RECEPTS PRIVATE OFFICE		0.9		3	20					20	4	0.8		RECEPTS PRIVATE OFFICE	
RECEPTS PRIVATE OFFICE			0.8	5	20					20	6		0.4	COUNTER RECEPTS COPY RM	
RECEPTS EAST STAIR / OPEN OFFICE	0.9			7	20					20	8	1.0		COPIER RECEIPT	
RECEPTS OPEN OFFICE		0.9		9	20					20	10			SPARE	
RECEPTS OPEN OFFICE			1.1	11	20					20	12			SPARE	
RECEPTS CONFERENCE RM	0.8			13	20					20	14			SPARE	
RECEPTS OPEN OFFICE		0.9		15	20					20	16			SPARE	
RECEPTS PRIVATE OFFICE			0.9	17	20					20	18			SPARE	
RECEPTS PRIVATE OFFICE	0.8			19	20					20	20			SPARE	
RECEPTS RESTROOMS / JANITOR		0.6		21	20					20	22			SPARE	
RECEPTS ELECTRICAL RM			0.4	23	20					20	24			SPARE	
SPARE				25	20					20	26	2.0		WATER HEATER	
SPARE				27	20					20	28	2.0			
SPARE				29	20					20	30			SPARE	
SPARE				31						20	32			SPARE	
SPARE				33						20	34			SPARE	
SPARE				35						20	36			SPARE	
SPARE				37						20	38			SPARE	
SPARE				39						20	40			SPARE	
SPARE				41						20	42			SPARE	
SUB-TOTAL	3.3	3.3	3.0			NEUTRAL BUS GROUND BUS					3.0	2.8	0.4	SUB-TOTAL	
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS											TOTAL KVA	A	6.3	PANEL NO.	
MAIN LUGS ONLY 225 AMP LUGS											TOTAL KVA	B	6.1		PP5 SECTION 1
MOUNTING: SURFACE											TOTAL KVA	C	3.4	LOCATION	
SC RATING: 10,000 AIC											TOTAL KVA		15.8		ELEC ROOM 504
NOTES: 1. PANELBOARD TO BE PROVIDED W/FEED THROUGH LUGS.															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY	
	A	B	C								A	B	C		
MODULAR FURNITURE FEED JB#5-1	0.7			43	20					20	44	1.0		MODULAR FURNITURE FEED JB#5-2, 2A	
MODULAR FURNITURE FEED JB#5-1		0.7		45	20					20	46	1.0		MODULAR FURNITURE FEED JB#5-2, 2A	
MODULAR FURNITURE FEED JB#5-1			0.7	47	20					20	48		1.0	MODULAR FURNITURE FEED JB#5-2, 2A	
MODULAR FURNITURE FEED JB#5-1	0.7			49	20					20	50	1.0		MODULAR FURNITURE FEED JB#5-2, 2A	
MODULAR FURNITURE FEED JB#5-3, 3A		1.0		51	20					20	52	1.0		MODULAR FURNITURE FEED JB#5-4, 4A	
MODULAR FURNITURE FEED JB#5-3, 3A			1.0	53	20					20	54	1.0		MODULAR FURNITURE FEED JB#5-4, 4A	
MODULAR FURNITURE FEED JB#5-3, 3A	1.0			55	20					20	56	1.0		MODULAR FURNITURE FEED JB#5-4, 4A	
MODULAR FURNITURE FEED JB#5-3, 3A		1.0		57	20					20	58	1.0		MODULAR FURNITURE FEED JB#5-4, 4A	
MODULAR FURNITURE FEED JB#5-5, 5A			1.0	59	20					20	60	1.0		MODULAR FURNITURE FEED JB#5-6, 6A, 6B	
MODULAR FURNITURE FEED JB#5-5, 5A	1.0			61	20					20	62	1.0		MODULAR FURNITURE FEED JB#5-6, 6A, 6B	
MODULAR FURNITURE FEED JB#5-5, 5A		1.0		63	20					20	64	1.0		MODULAR FURNITURE FEED JB#5-6, 6A, 6B	
MODULAR FURNITURE FEED JB#5-5, 5A			1.0	65	20					20	66	1.0		MODULAR FURNITURE FEED JB#5-6, 6A, 6B	
MODULAR FURNITURE FEED JB#5-7, 7A	1.0			67	20					20	68			SPARE	
MODULAR FURNITURE FEED JB#5-7, 7A		1.0		69	20					20	70			SPARE	
MODULAR FURNITURE FEED JB#5-7, 7A			1.0	71	20					20	72			SPARE	
MODULAR FURNITURE FEED JB#5-7, 7A	1.0			73	20					20	74			SPARE	
SPARE				75	20					20	76			SPARE	
SPARE				77	20					20	78			SPARE	
SPARE				79	20					20	80			SPARE	
SPARE				81	20					20	82			SPARE	
SPARE				83	20					20	84			SPARE	
SUB-TOTAL	5.4	4.7	4.7			NEUTRAL BUS GROUND BUS					4.0	4.0	4.0	SUB-TOTAL	
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 225 AMP BUS											TOTAL KVA	A	9.4	PANEL NO.	
MAIN LUGS ONLY 225 AMP LUGS											TOTAL KVA	B	8.7		PP5 SECTION 2
MOUNTING: SURFACE											TOTAL KVA	C	8.7	LOCATION	
SC RATING: 10,000 AIC											TOTAL KVA		26.8		ELEC ROOM 504
NOTES:															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY	
	A	B	C								A	B	C		
	57.5			1						2	60.0				
PANELBOARD TP2		57.5		3	300					4	60.0			PANELBOARD TP4	
			57.5	5						6		60.0			
	57.5			7						8	59.2				
PANELBOARD TP3		57.5		9	300					10	59.2			PANELBOARD TP5	
			57.5	11						12		59.2			
	53.5			13						14				SPACE	
PANELBOARD TP3A		53.5		15	250					16				SPACE	
			53.5	17						18				SPACE	
SPACE				19						20				SPACE	
SPACE				21						22				SPACE	
SPACE				23						24				SPACE	
SPACE				25						26				SPACE	
SPACE				27						28				SPACE	
SPACE				29						30				SPACE	
SPACE				31						32				SPACE	
SPACE				33						34				SPACE	
SPACE				35						36				SPACE	
SPACE				37						38				SPACE	
SPACE				39						40				SPACE	
SPACE				41						42				SPACE	
SUB-TOTAL	168.5	168.5	168.5			NEUTRAL BUS GROUND BUS					119.2	119.2	119.2	SUB-TOTAL	
VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 1200AMP BUS											TOTAL KVA	A	287.7	PANEL NO.	
MAIN LUGS ONLY 1200AMP LUGS											TOTAL KVA	B	287.7		TDP
MOUNTING: SURFACE											TOTAL KVA	C	287.7	LOCATION	
SC RATING: 64,000 AIC											TOTAL KVA		863.1		MAIN ELECTRICAL RM
NOTES:															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY
	A	B	C								A	B	C	
RECEPTS STORAGE RMS	0.9			1	20					20	2	0.4		RECEPTS SPINNING RM
RECEPTS FITNESS AREA STORAGE		0.9		3	20					20	4	0.6		RECEPTS SPINNING RM
RECEPTS WOMENS LOCKER/ LACTATION			0.9	5	20					20	6		0.6	RECEPTS SPINNING RM
RECE														