

EXISTING PANEL RP421											
VOLTAGE: 120/208 3		AMP: 150 MLO		DESCRIPTION							
PHASE:											
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION			
ROOF CAMERA EAST	0.2	20/1	1	A	2	20/1	0	SPARE			
SPARE	0	20/1	3	B	4	20/1	0	SPARE			
LFIS MEETUP 3.4.N.K	0.06	20/1	5	C	6	20/1	0	SPARE			
TV PANTRY 3.4.N.415	0.25	20/1	7	A	8	20/1	0	SPARE			
MICRO PANTRY 3.4.N.415	1.2	20/1	9	B	10	20/1	0.5	COPIER COPY 3.4.C.407			
MICRO PANTRY 3.4.N.415	1.2	20/1	11	C	12	20/1	0.5	COPIER COPY 3.4.C.407			
MICRO PANTRY 3.4.N.415	1.2	20/1	13	A	14	20/1	0.5	COPIER COPY 3.4.C.407			
COFFEE PANTRY 3.4.N.415	0.5	20/1	15	B	16	20/1	0.5	COPIER COPY 3.4.N.412			
ICE PANTRY 3.4.N.415	0.25	20/1	17	C	18	20/1	0.36	REC COPY 3.4.N.412			
REC WELLS 3.4.N.410	0.36	20/1	19	A	20	20/1	0.5	COPIER COPY 3.4.N.412			
REF WELLS 3.4.N.410	0.6	20/1	21	B	22	20/1	0	SPARE			
REC FOCUS 3.4.N.G&H	0.72	20/1	23	C	24	20/1	0	SPARE			
REC FOCUS 3.4.N.G&H	0.72	20/1	25	A	26	20/1	0	SPARE			
REC FOCUS 3.4.N.G&H	0.72	20/1	27	B	28	20/1	0.72	REC COPY 3.4.N.317			
EWC CIRC. 3.4.N.315	0.6	20/1	29	C	30	20/1	0	SPARE			
SPARE	0	20/1	31	A	32	20/1	0	SPARE			
SPARE	0	20/1	33	B	34	20/1	0	SPARE			
SPARE	0	20/1	35	C	36	20/1	0	SPACE ONLY			
SPACE ONLY	0	-/1	37	A	38	-/1	0	SPACE ONLY			
SPACE ONLY	0	-/1	39	B	40	-/1	0	SPACE ONLY			
EX TEMP CTRL	0.2	20/1	41	C	42	20/1	0.5	EX TEMP CTRL / LITG RELAY			
A TOTAL	3.80						3.06	RECEPTACLES			
B TOTAL	4.02	VLL	PH				0.00	HEATING			
C TOTAL	4.25	208	3				0.00	AC/MOTORS			
CONN. kW	12.07						0.00	LIGHTING			
CONN. Amps	33.50						0.01	MISC.			
							0.00	WATER HEATERS			
							0.00	ELEVATORS			
							0.00	KITCHEN EQUIP			

TOTAL DEMAND LOAD	
RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	= 3.06 KVA
HEAT: 100% :	= 0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	= 0 KVA
LIGHTING: 125%:	= 0 KVA
MISC: 100%:	= 9.01 KVA
WATER HEATER: 125%:	= 0 KVA
ELEVATORS: PER NEC:	= 0 KVA
KITCHEN EQUIP: PER NEC :	= 0 KVA
TOTAL DEMAND LOAD KW:	= 12.07 KVA
TOTAL DEMAND LOAD AMPS:	= 33.50 AMP

EXISTING PANEL RP425											
VOLTAGE: 120/208 3		AMP: 150 MLO		DESCRIPTION							
PHASE:											
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION			
FURN OPN OFC 3.4.N.323	0.72	20/1	1	A	2	20/2	1.08	FURN OPN OFC 3.4.N.323 *			
FURN OPN OFC 3.4.N.323 *	0.72	20/3	3	B	4	20/2	1.08	SPARE			
SPARE	0	20/1	5	C	6	20/1	0	SPARE			
FURN OPN OFC 3.4.N.323	0.72	20/1	9	B	10	20/1	0.72	FURN OPN OFC 3.4.N.323			
FURN OPN OFC 3.4.N.323 *	0.72	20/3	11	C	12	20/3	0.72	FURN OPN OFC 3.4.N.323 *			
SPARE	0	20/1	13	A	14	20/1	0.54	SPARE			
FURN OPN OFC 3.4.N.324	0.72	20/1	17	C	18	20/2	1.08	FURN OPN OFC 3.4.N.323 *			
FURN OPN OFC 3.4.N.324 *	0.72	20/3	19	A	20	20/2	1.08	SPARE			
SPARE	0	20/1	21	B	22	20/1	0	SPARE			
SPARE	0	20/1	23	C	24	20/1	0.54	SPARE			
FURN OPN OFC 3.4.N.324	1.08	20/1	25	A	26	20/2	1.08	FURN OPN OFC 3.4.N.324 *			
FURN OPN OFC 3.4.N.324 *	1.08	20/3	27	B	28	20/2	1.08	SPARE			
SPARE	0	20/1	29	C	30	20/1	0	SPARE			
REC P. SQUARE 3.4.C.405	0.72	20/1	33	B	34	20/1	0.72	FURN OPN OFC 3.4.N.324 *			
REC P. SQUARE 3.4.C.405	0.18	20/1	35	C	36	20/3	0.72	FURN OPN OFC 3.4.N.324 *			
REC P. SQUARE 3.4.C.405	0.25	20/1	37	A	38	20/1	0.54	SPARE			
COFFEE P. SQUARE 3.4.C.405	0.5	20/1	39	B	40	20/1	0.54	SPARE			
TV OPN OFC 3.4.C.328	0.25	20/1	41	C	42	20/1	0	SPARE			
A TOTAL	9.61	VLL	PH				25.38	RECEPTACLES			
B TOTAL	9.86	208	3				0.00	HEATING			
C TOTAL	6.91						0.00	AC/MOTORS			
CONN. kW	26.36						0.00	LIGHTING			
CONN. Amps	73.23						1.00	MISC.			
							0.00	WATER HEATERS			
							0.00	ELEVATORS			
							0.00	KITCHEN EQUIP			

TOTAL DEMAND LOAD	
RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	= 17.69 KVA
HEAT: 100% :	= 0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	= 0 KVA
LIGHTING: 125%:	= 0 KVA
MISC: 100%:	= 1 KVA
WATER HEATER: 125%:	= 0 KVA
ELEVATORS: PER NEC:	= 0 KVA
KITCHEN EQUIP: PER NEC :	= 0 KVA
TOTAL DEMAND LOAD KW:	= 18.69 KVA
TOTAL DEMAND LOAD AMPS:	= 51.88 AMP

EXISTING PANEL MH4B											
VOLTAGE: 277/480 3		AMP: 100 MLO		DESCRIPTION							
PHASE:											
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION			
EX VAV 3-7.5.9 3RD FLR	0.1	20/1	1	A	2	20/1	0.5	EX W V-7 & V-8 OPN OFC 4TH FLR			
EX VAV 3-5.8 3RD FLR	0.1	20/1	3	B	4	20/1	0.5	EX W V-7 & V-8 OPN OFC 4TH FLR			
EX VAV 3-3 & 4	0.1	20/1	5	C	6	20/1	0.5	EX W V-7 & V-8 OPN OFC 4TH FLR			
EX W 3-1 & 2 OPN 2ND & 3RD FLR	0.1	20/1	7	A	8	20/1	0.5	EX W 7-4 3RD FLR W 4-3&6 4TH FLR			
EX W 7-1,2,3 OPN 2ND & 3RD FLR	0.1	20/1	9	B	10	20/1	0.5	EX W 8-1 & 8-2 OPN OFC 4TH FLR			
SPARE	0	20/3	11	C	12	20/3	0	SPARE			
SPARE	0	20/1	13	A	14	20/1	0	SPARE			
SPARE	0	20/1	15	B	16	20/1	0	SPARE			
EX RF-4 RTU	4.86	20/3	17	C	18	20/3	4.86	EX RF-5 RTU			
EX RF-4 RTU	4	20/1	19	A	20	20/1	4	SPARE			
EX RF-7 RTU	3.86	20/3	23	C	24	20/3	3.86	EX RF-8 RTU			
EX RF-7 RTU	3	20/1	25	A	26	20/1	3	SPARE			
EX RF-7 RTU	3	20/1	27	B	28	20/1	3	SPARE			
EX W 4-28, 29, 33, 2ND & 3RD FLR	0.1	20/1	29	C	30	20/1	0.1	EX W 4-28, 29, 33, 34			
EX VAV M & W AREA C 3RD	6	20/1	31	A	32	20/1	0.1	EX VAV M & W AREA C			
EX UNKNOWN	0.1	20/1	33	B	34	20/1	0.1	EX VAV RMS 304, 305			
IWH-3-1 PANTRY 3.3.N.413 *	6	20/1	35	C	36	20/1	0	SPACE ONLY			
IWH-3-2 WELLS 3.3.N.408 *	4.5	20/1	37	A	38	20/3	0	SPACE ONLY			
IWH-4-1 PANTRY 3.4.N.415 *	6	20/1	39	B	40	20/1	0	SPACE ONLY			
IWH-4-2 WELLS 3.4.N.410 *	4.5	20/1	41	C	42	20/1	0	SPACE ONLY			
A TOTAL	19.90	VLL	PH				0.00	RECEPTACLES			
B TOTAL	21.40	480	3				0.00	HEATING			
C TOTAL	28.74						3.44	AC/MOTORS			
CONN. kW	70.04						0.00	LIGHTING			
CONN. Amps	84.25						24.80	MISC.			
							0.00	WATER HEATERS			
							0.00	ELEVATORS			
							0.00	KITCHEN EQUIP			

TOTAL DEMAND LOAD	
RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	= 0 KVA
HEAT: 100% :	= 42 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	= 3.44 KVA
LIGHTING: 125%:	= 0 KVA
MISC: 100%:	= 24.80 KVA
WATER HEATER: 125%:	= 0 KVA
ELEVATORS: PER NEC:	= 0 KVA
KITCHEN EQUIP: PER NEC :	= 0 KVA
TOTAL DEMAND LOAD KW:	= 70.04 KVA
TOTAL DEMAND LOAD AMPS:	= 84.25 AMP

EXISTING PANEL RP422											
VOLTAGE: 120/208 3		AMP: 150 MLO		DESCRIPTION							
PHASE:											
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION			
EX DIRT ROOM VA 4-43	0.5	20/1	1	A	2	20/1	0.72	FURN OPN OFC 3.4.N.317			
EX DIRT ROOM VAV 4-41	0.5	20/1	3	B	4	20/3	0.72	FURN OPN OFC 3.4.N.317 *			
EX DIRT ROOM VAV 4-40	0.5	20/1	5	C	6	20/1	0.72	SPARE			
EX DIRT ROOM VAV 4-42	0.5	20/1	7	A	8	20/1	0.72	SPARE			
FURN OPN OFC 3.4.N.317 *	1.08	20/2	9	B	10	20/1	0.5	EX DIRT WALL VAV 4-44			
SPARE	0	20/1	11	C	12	20/1	0.5	EX DIRT WALL VAV 4-45			
FURN OPN OFC 3.4.N.317 *	1.08	20/2	13	A	14	20/2	1.08	FURN OPN OFC 3.4.N.317 *			
SPARE	0	20/1	15	B	16	20/1	1.08	SPARE			
FURN OPN OFC 3.4.N.317	0.72	20/1	17	C	18	20/1	0.5	EX DIRT WALL VAV 4-47			
FURN OPN OFC 3.4.N.317 *	1.08	20/2	19	A	20	20/1	0.5	EX DIRT WALL VAV 4-48			
SPARE	0	20/1	21	B	22	20/1	0	SPARE			
FURN OPN OFC 3.4.N.317 *	1.08	20/2	23	C	24	20/1	0.5	EX DIRT WALL VAV 4-48			
SPARE	0	20/1	25	A	26	20/1	0.72	FURN OPN OFC 3.4.N.317			
FURN OPN OFC 3.4.N.317 *	1.08	20/2	2								