



DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A B C			BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY		
	A	B	C			A	B	C								
(E)(1) LTG-10TH FLOOR	2.5			1	20				20	2			SPARE	(E)		
(E)(1) LTG-10TH FLOOR		2.1		3	20				20	4			SPARE	(E)		
(E)(1) LTG-10TH FLOOR			1.9	5	20				20	6			SPARE	(E)		
(E) SPARE				7	20				20	8			SPARE	(E)		
(E) SPARE				9	20				20	10			SPARE	(E)		
(E) SPARE				11	20				20	12			SPARE	(E)		
(E) SPARE				13	20				20	14			SPARE	(E)		
(E) SPARE				15	20				20	16			SPARE	(E)		
(E) SPARE				17	20				20	18			SPARE	(E)		
(E) SPARE				19	20				20	20			SPARE	(E)		
(E) TO PANEL LP10				21	70				20	22			SPARE	(E)		
(E) TO PANEL LP10				23	70				20	24			SPARE	(E)		
(E) TO PANEL HP10B				25	100				20	26			SPARE	(E)		
(E) TO PANEL HP10B				27	100				20	28			SPARE	(E)		
(E) TO PANEL HP10B				29	100				20	30			SPARE	(E)		
SPACE				31	20				20	32			SPACE			
SPACE				33	20				20	34			SPACE			
SPACE				35	20				20	36			SPACE			
SPACE				37	20				20	38			SPACE			
SPACE				39	20				20	40			SPACE			
SPACE				41	20				20	42			SPACE			
SUB-TOTAL				NEUTRAL BUS			GROUND BUS			SUB-TOTAL						
VOLTAGE: 480Y/277V				3 PHASE			4 WIRE			250 AMP BUS			TOTAL KVA A		PANEL NO.	EXISTING HP10
MOUNTING: SURFACE				250			TOTAL KVA B			TOTAL KVA C			LOCATION		10TH FLOOR ELECTRICAL ROOM	
SC RATING: 18KAIC				TOTAL KVA			TOTAL KVA			TOTAL KVA						
NOTES: (E) EXISTING BREAKER (1) UTILIZE EXISTING BREAKER FOR NEW LOAD (N) NEW BREAKER TO MATCH EXISTING																

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A B C			BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY		
	A	B	C			A	B	C								
(E)(1) RECEIPTS-1002,1004	1.1			1	20				20	2	1.1		RECEIPTS-1007,1008	(1)(E)		
(E)(1) RECEIPTS-1005,1006		1.2		3	20				20	4	1.1		RECEIPTS-1009,1010	(1)(E)		
(E)(1) COPIER-1006			1.2	5	20				20	6	1.1		RECEIPTS-1011,1012	(1)(E)		
(E)(1) SYS FURNITURE	1.2			7	20				20	8	1.2		RECEIPTS-1032,1033	(1)(E)		
(E)(1) RECEIPTS-1031		1.1		9	20				20	10	1.2		SYS FURNITURE	(1)(E)		
(E)(1) RECEIPTS-1031			1.2	11	20				20	12	0.9		SYS FURNITURE	(1)(E)		
(E)(1) RECEIPTS-1013,1014	1.1			13	20				20	14	1.1		RECEIPTS-1034,1035	(1)(E)		
(E)(1) RECEIPTS-1015,1016		1.1		15	20				20	16	1.1		RECEIPTS-1036,1037	(1)(E)		
(E)(1) RECEIPTS-1017,1018			1.1	17	20				20	18	1.1		RECEIPTS-1026,1025	(N)		
(N) RECEIPTS-1019,1020	1.1			19	20				20	20	0.6		RECEIPTS-1028	(N)		
(N) RECEIPTS-1021,1022		1.1		21	20				20	22	1.0		COFFEE MAKER-1028	(N)		
(N) RECEIPTS-1023,1027			1.1	23	20				20	24	1.0		DISH WASHER-1028	(N)		
(N) RECEIPTS-1027	1.2			25	20				20	26	1.0		MICROWAVE-1028	(N)		
(N) RECEIPTS-1038		0.8		27	20				20	28	1.0		MICROWAVE-1028	(N)		
(N) RECEIPTS-1038			0.6	29	20				20	30	1.0		VENDING MACHINE-1028	(N)		
(N) RECEIPTS-1039	0.9			31	20				20	32	1.0		RECEIPTS-NETWORK RACK	(N)		
(N) RECEIPTS-1003		0.6		33	20				20	34	1.0		RECEIPTS-NETWORK RACK	(N)		
(N) RECEIPTS-NETWORK RACK			1.0	35	20				20	36	1.0		RECEIPTS-NETWORK RACK	(N)		
(N) RECEIPTS-NETWORK RACK	1.0			37	20				20	38	1.0		RECEIPTS-NETWORK RACK	(N)		
(N) POWER-SECURITY SYSTEM		1.0		39	20				20	40	1.0		RECEIPTS-NETWORK RACK	(N)		
(N) POWER-SECURITY SYSTEM			1.0	41	20				20	42	1.0		RECEIPTS-NETWORK RACK	(N)		
(N) POWER-SECURITY SYSTEM	1.0			43	20				20	44	0.8		FLOOR RECEIPTS-1038	(N)		
(N) RECEIPTS-NETWORK		0.4		45	20				20	46	0.8		FLOOR RECEIPTS-1038	(N)		
(N) RECEIPTS-NETWORK DEMARK			1.0	47	20				20	48			SPARE	(N)		
(N) RECEIPTS-NETWORK DEMARK	1.0			49	20				20	50			SPARE	(N)		
(N) RECEIPTS-NETWORK DEMARK		1.0		51	20				20	52			SPARE	(N)		
(N) RECEIPTS-NETWORK DEMARK			1.0	53	20				20	54			SPARE	(N)		
SUB-TOTAL				NEUTRAL BUS			GROUND BUS			SUB-TOTAL						
VOLTAGE: 208Y/120V				3 PHASE			4 WIRE			225 AMP BUS			TOTAL KVA A		PANEL NO.	EXISTING LP10
MAIN LUGS ONLY				225 AMP LUGS			TOTAL KVA B			TOTAL KVA C			LOCATION		10TH FLOOR ELECTRICAL ROOM	
MOUNTING: SURFACE				TOTAL KVA			TOTAL KVA			TOTAL KVA						
SC RATING: 15KAIC				TOTAL KVA			TOTAL KVA			TOTAL KVA						
NOTES: (E) EXISTING BREAKER (1) UTILIZE EXISTING BREAKER FOR NEW LOAD (N) NEW BREAKER TO MATCH EXISTING																

NOTE:

- 1. SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.
- 2. CONFIRM ALL BREAKERS TO BE REMOVED AND/OR REUSED ARE NOT SERVING ANY EXISTING TO REMAIN LOADS.

KEYED NOTE:

- ① REMOVE EXISTING BREAKER IN PANEL LP9-27,29 AND REPLACE WITH 2-SINGLE POLE 20A BREAKERS TO MATCH EXISTING.
- ② REMOVE EXISTING BREAKER IN PANEL LP9-30,32 AND REPLACE WITH 2-SINGLE POLE 20A BREAKERS TO MATCH EXISTING.
- ③ PANEL LP10 IS A 116 SPACE PANEL. CONSOLIDATE EXISTING 20A, SINGLE POLE BREAKERS NOT IN USE INTO FIRST 17 SPACES. PROVIDE NEW BREAKERS AS NECESSARY TO ACCOMMODATE NEW LOADS
- ④ PROVIDE NEW 100A BREAKER FOR PANEL LP9 KEEP EXISTING 70A BREAKER AS SPARE
- ⑤ REMOVE EXISTING 150A MAIN BREAKER FROM PANEL LP9 AND REPLACE WITH NEW 200A MAIN BREAKER. MATCH EXISTING SHORT CIRCUIT RATING.

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A B C			BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY		
	A	B	C			A	B	C								
(E)(1) LTG-9TH FLOOR	2.2			1	20				20	2			SPARE	(E)		
(E)(1) LTG-9TH FLOOR		2.1		3	20				20	4			SPARE	(E)		
(E)(1) LTG-9TH FLOOR			2.3	5	20				20	6			SPARE	(E)		
(E)(1) LTG-9TH FLOOR	1.0			7	20				20	8			SPARE	(E)		
(E) SPARE				9	20				20	10			SPARE	(E)		
(E) SPARE				11	20				20	12			SPARE	(E)		
(E) SPARE				13	20				20	14			SPARE	(E)		
(E) SPARE				15	20				20	16			SPARE	(E)		
(E) SPARE				17	20				20	18			SPARE	(E)		
(E) SPARE				19	20				20	20			SPARE	(E)		
(E) SPARE				21	20				20	22			SPARE	(E)		
(E) SPARE				23	20				20	24			SPARE	(E)		
(E) TO PANEL LP9				25	100				20	26			SPARE	(E)		
(E) TO PANEL LP9				27	100				20	28			SPARE	(E)		
(E) TO PANEL LP9				29	100				20	30			SPARE	(E)		
(E) TO PANEL LP9				31	100				20	32			SPACE			
(E) SPARE				33	70				20	34			SPACE			
(E) SPARE				35	70				20	36			SPACE			
(E) SPARE				37	20				20	38			SPACE			
(E) SPARE				39	20				20	40			SPACE			
(E) SPARE				41	20				20	42			SPACE			
SUB-TOTAL				NEUTRAL BUS			GROUND BUS			SUB-TOTAL						
VOLTAGE: 480Y/277V				3 PHASE			4 WIRE			250 AMP BUS			TOTAL KVA A		PANEL NO.	EXISTING HP9
MAIN LUGS ONLY				250 AMP LUGS			TOTAL KVA B			TOTAL KVA C			LOCATION		9TH FLOOR ELECTRICAL ROOM	
MOUNTING: SURFACE				TOTAL KVA			TOTAL KVA			TOTAL KVA						
SC RATING: 18KAIC				TOTAL KVA			TOTAL KVA			TOTAL KVA						
NOTES: (E) EXISTING BREAKER (1) UTILIZE EXISTING BREAKER FOR NEW LOAD (N) NEW BREAKER TO MATCH EXISTING																

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A B C			BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY		
	A	B	C			A	B	C								
(E)(1) RECEIPTS-902	0.8			1	20				20	2	1.1		RECEIPTS-905,906	(1)(E)		
(E)(1) SYS FURNITURE-913		0.9		3	20				20	4	1.1		RECEIPTS-907,908	(1)(E)		
(E)(1) RECEIPTS-903			0.6	5	20				20	6	1.1		RECEIPTS-909,910	(1)(E)		
(E)(1) RECEIPTS-911,912	1.1			7	20				20	8	0.8		RECEIPTS-915,913,914	(1)(E)		
(E)(1) RECEIPTS-917,918		1.1		9	20				20	10	1.1		RECEIPTS-916,913	(1)(E)		
(E)(1) RECEIPTS-919,920			1.1	11	20				20	12	1.2		COPIER-914	(1)(E)		
(E)(1) RECEIPTS-922	1.2			13	20				20	14	1.0		RECEIPTS-914	(1)(E)		
(E)(1) RECEIPTS-924,925		1.1		15	20				20	16	1.1		SYS FURNITURE-921	(1)(E)		
(E)(1) RECEIPTS-923,921			0.8	17	20				20	18	1.1		SYS FURNITURE-921	(1)(E)		
(E)(1) COPIER-923	1.2			19	20				20	20	1.1		RECEIPTS-935,936	(1)(E)		
(E)(1) RECEIPTS-933,926,934		1.3		21	20				20	22	1.1		RECEIPTS-937,938	(1)(E)		
(E)(1) RECEIPTS-927,928			1.5	23	20				20	24	1.1		RECEIPTS-939-940	(1)(E)		
(E)(1) RECEIPTS-931	1.2			25	20				20	26	1.0		RECEIPTS-929,930	(1)(E)		
(N) RECEIPTS-941,942		1.2		27	20				20	28	1.2		COPIER-929	(1)(E)		
(N) RECEIPTS-943,944			1.4	29	20				20	30	1.2		SYS FURNITURE-930	(N)		
(E)(1) RECEIPTS-952	0.9			31	20				20	32	0.9		RECEIPTS-PRINTERS	(N)		
(E)(1) COFFEE MAKER-952		1.0		33	20				20	34	0.9		RECEIPTS-944	(E)		
(E)(1) DISHWASHER-952			1.0	35	20				20	36			SPARE	(E)		
(E)(1) MICROWAVE-952	1.0			37	20				20	38						
(E)(1) MICROWAVE-952		1.0		39	20				100	40			PANEL LP9B	(E)		
(E)(1) VENDING MACHINE-952			1.0	41	20				42							
SUB-TOTAL				NEUTRAL BUS			GROUND BUS			SUB-TOTAL						
VOLTAGE: 208Y/120V				3 PHASE			4 WIRE			225 AMP BUS			TOTAL KVA A		PANEL NO.	EXISTING LP9
MAIN BREAKER:				⑤ 200 AMP TRIP			TOTAL KVA B			TOTAL KVA C			LOCATION		9TH FLOOR ELECTRICAL ROOM	
MOUNTING: SURFACE				TOTAL KVA			TOTAL KVA			TOTAL KVA						
SC RATING: 15KAIC				TOTAL KVA			TOTAL KVA			TOTAL KVA						
NOTES: (E) EXISTING BREAKER (1) UTILIZE EXISTING BREAKER FOR NEW LOAD (N) NEW BREAKER TO MATCH EXISTING																