

EXISTING PANEL CPE2B									
VOLTAGE: 120/208					AMP: 150				
PHASE: 3					MAIN: MLO				
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION	
MOD FURN OPN OFC 2098	1.08	20/1	1	A	2	20/1	1.08	MOD FURN OPN OFC 2125	
MOD FURN OPN OFC 2098*	1.08	20/3	3	B	4	20/3	1.08	MOD FURN OPN OFC 2125*	
-----	1.08	---	7	A	8	---	1.08	-----	
SPARE	0	20/1	9	B	10	20/1	1.08	MOD FURN OPN OFC 2098	
SPARE	0	20/1	11	C	12	20/1	1.08	MOD FURN OPN OFC 2098*	
SPARE	0	20/1	13	A	14	---	1.08	-----	
SPARE	0	20/1	15	B	16	---	1.08	-----	
SPARE	0	20/1	17	C	18	20/1	1.08	MOD FURN OPN OFC 2098	
SPARE	0	20/1	19	A	20	20/3	1.08	MOD FURN OPN OFC 2098*	
SPARE	0	20/1	21	B	22	---	1.08	-----	
SPARE	0	20/1	23	C	24	---	1.08	-----	
SPARE	0	20/1	25	A	26	20/1	1.08	MOD FURN OPN OFC 2098	
SPARE	0	20/1	27	B	28	20/3	1.08	MOD FURN OPN OFC 2098*	
SPARE	0	20/1	29	C	30	---	1.08	-----	
SPARE	0	20/1	31	A	32	---	1.08	-----	
SPARE	0	20/1	33	B	34	20/1	0	SPARE	
SPARE	0	20/1	35	C	36	20/1	0	SPARE	
SPARE	0	20/1	37	A	38	20/1	0	SPARE	
SPARE	0	20/1	39	B	40	20/1	0	SPARE	
SPARE	0	20/1	41	C	42	20/1	0	SPARE	

*PROVIDE NEW CIRCUIT BREAKER

A TOTAL	8.64	VLL	PH	21.60
B TOTAL	6.48	208	3	0.00
C TOTAL	6.48			0.00

CONN. kW	21.60
CONN. Amps	59.96

TOTAL DEMAND LOAD	
RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	= 15.8 KVA
HEAT: 100% :	= 0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	= 0 KVA
LIGHTING: 125%:	= 0 KVA
MISC: 100%:	= 0 KVA
WATER HEATER: 125%:	= 0 KVA
ELEVATORS: PER NEC:	= 0 KVA
KITCHEN EQUIP: PER NEC :	= 0 KVA
TOTAL DEMAND LOAD KW:	= 15.8 KVA
TOTAL DEMAND LOAD AMPS:	= 43.86 AMP

EXISTING PANEL CPE2C									
VOLTAGE: 120/208					AMP: 150				
PHASE: 3					MAIN: MLO				
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION	
MOD FURN OPN OFC 2125	1.08	20/1	1	A	2	20/1	1.08	MOD FURN OPN OFC 2125	
MOD FURN OPN OFC 2125*	1.08	20/3	3	B	4	20/3	1.08	MOD FURN OPN OFC 2125*	
-----	1.08	---	7	A	8	---	1.08	-----	
REC NBRHD RM 2128	0.72	20/1	9	B	10	20/2	1.08	MOD FURN OPN OFC 2109 *	
REC OPN OFC 2094 *	0.72	20/2	13	A	14	20/2	0.72	MOD FURN OPN OFC 2109 *	
-----	0.72	---	15	B	16	---	0.72	-----	
SPARE	0	20/1	17	C	18	20/1	0.5	TV NBRHD RM 2131,32	
SPARE	0	20/1	19	A	20	20/1	0.9	REC OPN COLAB 2124	
SPARE	0	20/1	21	B	22	20/1	0	SPARE	
SPARE	0	20/1	23	C	24	20/1	0.5	TV NBRHD RM 2129,30	
SPARE	0	20/1	25	A	26	20/1	0	SPARE	
REC NBRHD RM 2131	0.72	20/1	27	B	28	20/1	0	SPARE	
REC NBRHD RM 2129	0.72	20/1	29	C	30	20/1	0	SPARE	
REC NBRHD RM 2130	0.72	20/1	31	A	32	20/1	0	SPARE	
SPARE	0	20/1	33	B	34	20/1	0.54	MOD FURN OPN OFC 2125	
SPARE	0	20/1	35	C	36	20/3	0.54	MOD FURN OPN OFC 2125*	
SPARE	0	20/1	37	A	38	---	0.54	-----	
SPARE	0	20/1	39	B	40	---	0.54	-----	
SPARE	0	20/1	41	C	42	20/1	0	SPARE	

*PROVIDE NEW CIRCUIT BREAKER

A TOTAL	7.92	VLL	PH	19.62
B TOTAL	7.20	208	3	0.00
C TOTAL	6.00			0.00

CONN. kW	21.12
CONN. Amps	58.62

TOTAL DEMAND LOAD	
RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	= 14.81 KVA
HEAT: 100% :	= 0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	= 0 KVA
LIGHTING: 125%:	= 0 KVA
MISC: 100%:	= 1.5 KVA
WATER HEATER: 125%:	= 0 KVA
ELEVATORS: PER NEC:	= 0 KVA
KITCHEN EQUIP: PER NEC :	= 0 KVA
TOTAL DEMAND LOAD KW:	= 16.31 KVA
TOTAL DEMAND LOAD AMPS:	= 45.27 AMP

EXISTING PANEL CPE2D									
VOLTAGE: 120/208					AMP: 150				
PHASE: 3					MAIN: MLO				
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION	
MOD FURN OPN OFC 2109	1.08	20/1	1	A	2	20/1	0	SPARE	
MOD FURN OPN OFC 2109*	1.08	20/3	3	B	4	20/1	0	SPARE	
-----	1.08	---	7	A	8	20/1	0	SPARE	
MOD FURN OPN OFC 2109	1.08	20/1	9	B	10	20/1	0	SPARE	
MOD FURN OPN OFC 2109*	1.08	20/3	11	C	12	20/1	0	SPARE	
-----	1.08	---	13	A	14	20/1	0	SPARE	
-----	1.08	---	15	B	16	20/1	0	SPARE	
SPARE	0	20/1	17	C	18	20/1	1.08	MOD FURN OPN OFC 2109	
SPARE	0	20/1	19	A	20	20/3	1.08	MOD FURN OPN OFC 2109*	
SPARE	0	20/1	21	B	22	---	1.08	-----	
SPARE	0	20/1	23	C	24	---	1.08	-----	
SPARE	0	20/1	25	A	26	20/1	0	SPARE	
SPARE	0	20/1	27	B	28	20/1	0	SPARE	
SPARE	0	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	SPARE	
SPARE	0	20/1	37	A	38	20/1	0	SPARE	
SPARE	0	20/1	39	B	40	20/1	0	SPARE	
SPARE	0	20/1	41	C	42	20/1	0	SPARE	

*PROVIDE NEW CIRCUIT BREAKER

A TOTAL	4.32	VLL	PH	12.96
B TOTAL	4.32	208	3	0.00
C TOTAL	4.32			0.00

CONN. kW	12.96
CONN. Amps	35.97

TOTAL DEMAND LOAD	
RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	= 11.48 KVA
HEAT: 100% :	= 0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	= 0 KVA
LIGHTING: 125%:	= 0 KVA
MISC: 100%:	= 0 KVA
WATER HEATER: 125%:	= 0 KVA
ELEVATORS: PER NEC:	= 0 KVA
KITCHEN EQUIP: PER NEC :	= 0 KVA
TOTAL DEMAND LOAD KW:	= 11.48 KVA
TOTAL DEMAND LOAD AMPS:	= 31.87 AMP



2211 Congress Street
Portland, ME 04122



214 North Tryon Street
Suite 2320
Charlotte, NC 28202
United States



Jeffery Scott Lowery, P.E.
420 Mitchell Lane
Charlotte, NC 28217
Tel 704.357.9333
MEP JOB# 170358

Date Description
08.18.2017 ISSUE FOR PERMIT AND CONSTRUCTION

Seal / Signature

Project Name 08/18/17

Unum Workplace
Transformation- Phase 1 (H02)
Project Number
59.6481.000
Description
PANEL SCHEDULES - ELECTRICAL

Scale
NO SCALE

E1.622