EXISTING PANEL RP411

VOLTAGE: 120/208 AMP: 150
PHASE: 3 MAIN: MLO

DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION
ICE PANTRY 3.4.W.400	0.25	20/1	1	A	2	20/1	0	SPARE
COFFEE PANTRY 3.4.W.400	0.5	20/1	3	B	4	20/1	0	SPARE
SPARE	0	20/1	5	C	6	20/1	0	SPARE
SPARE	0	20/1	7	A	8	20/1	0.3	LTS COLAB 3.4.C.308
SPARE	0	20/1	9	B	10	20/1	0.72	REC FOCUS 3.4.C.M
SPARE	0	20/1	11	C	12	20/1	0.5	COPIER COPY 3.4.W.403
SPARE	0	20/1	13	A	14	20/1	0.18	REC COPY 3.4.W.403
SPARE	0	20/1	15	B	16	20/1	0.36	REC COPY 3.4.W.403
SPARE	0	20/1	17	C	18	20/1	0.5	COPIER COPY 3.4.W.403
SPARE	0	20/1	19	A	20	20/1	1.08	REC FOCUS 3.4.C.J,K,L
SPARE	0	20/1	21	B	22	20/1	1.08	REC FOCUS 3.4.C.J,K,L
SPARE	0	20/1	23	C	24	20/2	0	SPARE
SPARE	0	20/1	25	A	26	---	0	SPARE
SPARE	0	20/1	27	B	28	20/1	0	SPARE
SPARE	0	20/1	29	C	30	20/1	0	SPARE
SPACE ONLY	0	-/1	31	A	32	20/1	0	SPARE
SPACE ONLY	0	-/1	33	B	34	20/1	0	SPARE
SPACE ONLY	0	-/1	35	C	36	20/1	0.72	REC COLAB 3.4.C.310
SPACE ONLY	0	-/1	37	A	38	20/1	0.36	REC CONF 3.4.2.A&B
EX. TEMP CTRL/LTG RELAY 8-32	0.5	20/1	39	B	40	20/1	0.61	REC&TV CONF 3.4.2.A
EX. TEMP CTRL, VAV BOX 8-61,62,90	0.5	20/1	41	C	42	20/1	0.61	REC&TV CONF 3.4.2.B

A TOTAL	2.17
B TOTAL	3.77
C TOTAL	2.83
CONN. kW	8.77
CONN. Amps	24.34

VLL	PH
208	3

5.22	RECEPTACLES
0.00	HEATING
0.00	AC/MOTORS
0.30	LIGHTING
3.25	MISC.
0.00	WATER HEATERS
0.00	ELEVATORS
0.00	KITCHEN EQUIP

TOTAL DEMAND LOAD

RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	=	5.22 KVA
HEAT: 100% :	=	0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	=	0 KVA
LIGHTING: 125%:	=	0.375 KVA
MISC: 100%:	=	3.25 KVA
WATER HEATER: 125%:	=	0 KVA
ELEVATORS: PER NEC:	=	0 KVA
KITCHEN EQUIP: PER NEC :		0 KVA
TOTAL DEMAND LOAD KW:	=	8.845 KVA
TOTAL DEMAND LOAD AMPS:	=	24.55 AMP

EXISTING PANEL RP412

VOLTAGE: 120/208 AMP: 150
PHASE: 3 MAIN: MLO

DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION
FURN OPN OFC 3.4.W.301 *	1.08	20/2	1	A	2	20/1	0.72	FURN OPN OFC 3.4.W.301
------	1.08	---	3	B	4	20/3	0.72	FURN OPN OFC 3.4.W.301 *
MICRO. PANTRY 3.4.W.400	1.2	20/1	5	C	6	---	0.72	------
SPARE	0	20/1	7	A	8	---	0.72	------
FURN OPN OFC 3.4.W.301 *	1.08	20/2	9	B	10	20/1	0.72	FURN OPN OFC 3.4.W.301
------	1.08	---	11	C	12	20/3	0.72	FURN OPN OFC 3.4.W.301 *
SPARE	0	20/1	13	A	14	---	0.54	------
LTS COLAB 3.4.W.302	0.24	20/1	15	B	16	---	0.54	------
FURN OPN OFC 3.4.W.303	0.9	20/1	17	C	18	20/1	0.79	REC&TV HUDDLE 3.4.W.I
FURN OPN OFC 3.4.W.303 *	0.9	20/3	19	A	20	20/1	1.2	MICRO. PANTRY 3.4.W.400
------	0.9	---	21	B	22	20/1	1.2	MICRO. PANTRY 3.4.W.400
------	0.9	---	23	C	24	20/1	0.25	TV PANTRY 3.4.W.400
FURN OPN OFC 3.4.W.303	0.9	20/1	25	A	26	20/1	0.36	REC OPN OFC 3.4.W.304
FURN OPN OFC 3.4.W.303 *	0.9	20/3	27	B	28	20/1	0.36	REC OPN OFC 3.4.W.304
------	0.72	---	29	C	30	20/1	0.72	REC OPN OFC 3.4.W.302
------	0.72	---	31	A	32	20/1	0.25	TV COLAB 3.4.W.302
FURN OPN OFC 3.4.W.303	0.9	20/1	33	B	34	20/2	0.54	FURN OPN OFC 3.4.W.303 *
FURN OPN OFC 3.4.W.303 *	0.9	20/3	35	C	36	---	0.54	------
------	0.9	---	37	A	38	20/1	0	SPARE
------	0.9	---	39	B	40	20/1	0	SPARE
SPARE	0	20/1	41	C	42	20/1	0	SPARE

*PROVIDE NEW CIRCUIT BREAKER

A TOTAL	8.29
B TOTAL	10.08
C TOTAL	9.44
CONN. kW	27.81
CONN. Amps	77.20

VLL	PH
208	3

23.22	RECEPTACLES
0.00	HEATING
0.00	AC/MOTORS
0.24	LIGHTING
4.35	MISC.
0.00	WATER HEATERS
0.00	ELEVATORS
0.00	KITCHEN EQUIP

TOTAL DEMAND LOAD

RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	=	16.61 KVA
HEAT: 100% :	=	0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	=	0 KVA
LIGHTING: 125%:	=	0.3 KVA
MISC: 100%:	=	4.35 KVA
WATER HEATER: 125%:	=	0 KVA
ELEVATORS: PER NEC:	=	0 KVA
KITCHEN EQUIP: PER NEC :		0 KVA
TOTAL DEMAND LOAD KW:	=	21.26 KVA
TOTAL DEMAND LOAD AMPS:	=	59.01 AMP

EXISTING PANEL RP413

VOLTAGE: 120/208 AMP: 150
PHASE: 3 MAIN: MLO

DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION
FURN OPN OFC 3.4.W.336	0.72	20/1	1	A	2	20/2	1.08	FURN OPN OFC 3.4.W.336 *
FURN OPN OFC 3.4.W.336 *	0.72	20/3	3	B	4	---	1.08	------
------	0.72	---	5	C	6	20/1	0	SPARE
------	0.72	---	7	A	8	20/1	0	SPARE
FURN OPN OFC 3.4.W.336	0.72	20/1	9	B	10	20/2	1.08	FURN OPN OFC 3.4.W.336 *
FURN OPN OFC 3.4.W.336 *	0.72	20/3	11	C	12	---	1.08	------
------	0.72	---	13	A	14	20/1	0.24	LTS COLAB 3.4.W.339
------	0.72	---	15	B	16	20/1	0	SPARE
REC COLAB 3.4.W.334	1.22	20/1	17	C	18	20/1	1.08	FURN OPN OFC 3.4.W.333
REC HUD&STOR 3.4.W.401	0.9	20/1	19	A	20	20/3	1.08	FURN OPN OFC 3.4.W.333 *
REC&TV HUDDLE 3.4.W.H	0.79	20/1	21	B	22	---	1.08	------
REF PANTRY 3.4.W.400	0.6	20/1	23	C	24	---	1.08	------
FURN OPN OFC 3.4.W.333	1.08	20/1	25	A	26	20/1	1.08	FURN OPN OFC 3.4.W.333
FURN OPN OFC 3.4.W.333 *	1.08	20/3	27	B	28	20/3	1.08	FURN OPN OFC 3.4.W.333 *
------	1.08	---	29	C	30	---	0.9	------
------	1.08	---	31	A	32	---	0.9	------
FURN OPN OFC 3.4.W.333 *	0.9	20/2	33	B	34	20/1	0	SPARE
------	0.9	---	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	9.60
B TOTAL	9.25
C TOTAL	9.38
CONN. kW	28.23
CONN. Amps	78.36

VLL	PH
208	3

27.14	RECEPTACLES
0.00	HEATING
0.00	AC/MOTORS
0.24	LIGHTING
0.85	MISC.
0.00	WATER HEATERS
0.00	ELEVATORS
0.00	KITCHEN EQUIP

TOTAL DEMAND LOAD

RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	=	18.57 KVA
HEAT: 100% :	=	0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	=	0 KVA
LIGHTING: 125%:	=	0.3 KVA
MISC: 100%:	=	0.85 KVA
WATER HEATER: 125%:	=	0 KVA
ELEVATORS: PER NEC:	=	0 KVA
KITCHEN EQUIP: PER NEC :		0 KVA
TOTAL DEMAND LOAD KW:	=	19.72 KVA
TOTAL DEMAND LOAD AMPS:	=	54.74 AMP

EXISTING PANEL RP414

VOLTAGE: 120/208 AMP: 150
PHASE: 3 MAIN: MLO

DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION
REC MEETUP 3.4.W.N	0.79	20/1	1	A	2	20/1	0.79	REC&TV HUDDLE 3.4.W.L
REC MEETUP 3.4.W.M	0.79	20/1	3	B	4	20/1	0.9	REC COLAB 3.4.W.306
SPARE	0	20/1	5	C	6	20/1	0.72	REC FOCUS 3.4.W.J&K
SPARE	0	20/1	7	A	8	20/1	0.72	REC FOCUS 3.4.W.J&K
FURN OPN OFC 3.4.W.307 *	1.08	20/2	9	B	10	20/1	0.72	FURN OPN OFC 3.4.W.307
------	1.08	---	11	C	12	20/3	0.72	FURN OPN OFC 3.4.W.307 *
SPARE	0	20/1	13	A	14	---	0.54	------
SPARE	0	20/1	15	B	16	---	0.54	------
FURN OPN OFC 3.4.W.307	0.72	20/1	17	C	18	20/1	0	SPARE
FURN OPN OFC 3.4.W.307 *	0.72	20/3	19	A	20	20/1	0	SPARE
------	0.54	---	21	B	22	20/2	1.08	FURN OPN OFC 3.4.C.309
------	0.54	---	23	C	24	---	1.08	------
FURN OPN OFC 3.4.C.309	0.72	20/1	25	A	26	20/1	0.72	FURN OPN OFC 3.4.C.309
FURN OPN OFC 3.4.C.309 *	0.72	20/3	27	B	28	20/3	0.72	FURN OPN OFC 3.4.C.309 *
------	0.54	---	29	C	30	---	0.54	------
------	0.54	---	31	A	32	---	0.54	------
REC HUDDLE 3.4.C.O,P,Q	0.54	20/1	33	B	34	20/1	0.36	REC OPN OFC 3.4.C.309
REC OPN OFC 3.4.C.309	0.36	20/1	35	C	36	20/1	0.36	REC OPN OFC 3.4.C.309
REC&TV HUDDLE 3.4.C.Q	0.79	20/1	37	A	38	20/1	0.79	REC&TV HUDDLE 3.4.C.O
TV OPN OFC 3.4.C.309	0.25	20/1	39	B	40	20/1	0.79	REC&TV HUDDLE 3.4.C.P
SPARE	0	20/1	41	C	42	20/1	0	SPARE

*PROVIDE NEW CIRCUIT BREAKER

A TOTAL	7.66
B TOTAL	9.03
C TOTAL	6.66
CONN. kW	23.35
CONN. Amps	64.82

VLL	PH
208	3

21.60	RECEPTACLES
0.00	HEATING
0.00	AC/MOTORS
0.00	LIGHTING
1.75	MISC.
0.00	WATER HEATERS
0.00	ELEVATORS
0.00	KITCHEN EQUIP

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%:	=	1.75 KVA
WATER HEATER: 125%:	=	0 KVA
ELEVATORS: PER NEC:	=	0 KVA
KITCHEN EQUIP: PER NEC :		0 KVA
TOTAL DEMAND LOAD KW:	=	17.55 KVA
TOTAL DEMAND LOAD AMPS:	=	48.72 AMP

EXISTING PANEL RP415

VOLTAGE: 120/208 AMP: 150
PHASE: 3 MAIN: MLO

DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION
REC FOCUS 3.4.2.C&D	0.72	20/1	1	A	2	20/1	0.9	REC COLAB 3.4.W.331
REC&TV HUDDLE 3.4.W.E	0.79	20/1	3	B	4	20/1	0.79	REC&TV HUDDLE 3.4.W.F
REC FOCUS 3.4.2.C&D	0.72	20/1	5	C	6	20/1	0.79	REC&TV MEETUP 3.4.W.G
SPARE	0	20/1	7	A	8	20/1	0	SPARE
FURN OPN OFC 3.4.W.330	0.72	20/1	9	B	10	20/1	0	SPARE
FURN OPN OFC 3.4.W.330 *	0.72	20/3	11	C	12	20/1	0	SPARE
------	0.54	---	13	A	14	20/1	0	SPARE
------	0.54	---	15	B	16	20/1	0	SPARE
FURN OPN OFC 3.4.W.330	0.72	20/1	17	C	18	20/1	0.72	FURN OPN OFC 3.4.C.328
FURN OPN OFC 3.4.W.330 *	0.72	20/3	19	A	20	20/3	0.72	FURN OPN OFC 3.4.C.328 *
------	0.72	---	21	B	22	---	0.54	------
------	0.72	---	23	C	24	---	0.54	------
REC T-DOWN 3.4.C.332	0.54	20/1	25	A	26	20/1	0.79	REC&TV CONF 3.4.C.I
REC T-DOWN 3.4.C.332	0.36	20/1	27	B	28	20/1	0.79	REC&TV HUDDLE 3.4.C.H
REC T-DOWN 3.4.C.332	0.36	20/1	29	C	30	20/2	1.08	FURN OPN OFC 3.4.C.328 *
TV OPN OFC 3.4.C.333	0.25	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	6.26
B TOTAL	5.25
C TOTAL	6.37
CONN. kW	17.88
CONN. Amps	49.63

VLL	PH
208	3

16.38	RECEPTACLES
0.00	HEATING
0.00	AC/MOTORS
0.00	LIGHTING
1.50	MISC.
0.00	WATER HEATERS
0.00	ELEVATORS
0.00	KITCHEN EQUIP

TOTAL DEMAND LOAD

RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	=	13.19 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:	=	14.69 KVA
TOTAL DEMAND LOAD AMPS:	=	40.78 AMP

EXISTING PANEL RP4A

VOLTAGE: 120/208 AMP: 150
PHASE: 3 MAIN: MCB

DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION
SPARE	0	20/1	1	A	2	20/1	0	SPARE
SPARE	0	20/1	3	B	4	20/1	0	SPARE
SPARE	0	20/1	5	C	6	20/1	0	SPARE
SPARE	0	20/1	7	A	8	20/1	0	SPARE
SPARE	0	20/1	9	B	10	20/1	0	SPARE
SPARE	0	20/1	11	C	12	20/1	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. EF-18	0.86	20/1	17	C	18	20/1	0	SPARE
SPARE	0	20/1	19	A	20	20/1	0	SPARE
SPACE ONLY	0	-/1	21	B	22	-/1	0	SPACE ONLY
EX. VAV 8-89,90,91 RM 401 & 402	0.5	20/1	23	C	24	20/1	0	SPARE
SPARE	0	20/1	25	A	26	20/1	0	SPARE
SPARE	0	20/1	27	B	28	20/1	0.5	EX. SECURITY DOOR
SPARE	0	20/1	29	C	30	20/1	0	SPARE
EX. ENERGY RECOVERY VENTILATOR	1	20/3	31	A	32	20/1	0	SPARE
------	1	---	33	B	34	20/1	0	SPARE
------	1	---	35	C	36	-/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
SPACE ONLY	0	-/1	41	C	42	-/1	0	SPACE ONLY

A TOTAL	1.00
B TOTAL	1.50
C TOTAL	2.36
CONN. kW	4.86
CONN. Amps	13.49

VLL	PH
208	3

0.00	RECEPTACLES
0.00	HEATING
0.86	AC/MOTORS
0.00	LIGHTING
4.00	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% :	=	0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	=	0.86 KVA
LIGHTING: 125%:	=	0 KVA
MISC: 100%:	=	4 KVA
WATER HEATER: 125%:	=	0 KVA
ELEVATORS: PER NEC:	=	0 KVA
KITCHEN EQUIP: PER NEC :		0 KVA
TOTAL DEMAND LOAD KW:	=	4.86 KVA
TOTAL DEMAND LOAD AMPS:	=	13.49 AMP

EXISTING PANEL LP41

VOLTAGE: 277/480 AMP: 100
PHASE: 3 MAIN: MLO

DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION
LTS OPN OFC 3.4.W.301	1.51	20/1	1	A	2	20/1	0.84	LTS MEET&SQUARE 3.4.C.414
LTS OPN OFC 3.4.W.303	1.44	20/1	3	B	4	20/1	1.87	LTS RM &OPN OFC 3.4.C.330
LTS MEET,HUD,FOC 3.4.W.K	0.43	20/1	5	C	6	20/1	1.76	SUPPORT&OFC 3.4.C.329
LTS OPN OFC 3.4.W.307	1.44	20/1	7	A	8	20/1	0.58	LTS P. SQUARE 3.4.C.405
LTS CIRC. 3.4.W.300	1.61	20/1	9	B	10	20/1	1.08	LTS RMS&COLAB 3.4.C.308
LTS RMS&PANTRY 3.4.W.400	0.85	20/1	11	C	12	20/1	1.45	LTS OPN OFC 3.4.W.334
LTS CIRC. 3.4.W.341	1.86	20/1	13	A	14	20/1	1.34	LTS RM &OPN OFC 3.4.C.333
LTS OPN OFC 3.4.W.340	1.31	20/1	15	B	16	20/1	0.5	EX. VAVA 8-33
LTS OPN OFC 3.4.W.338	1.4	20/1	17	C	18	20/1	0	SPARE
LTS MEET,HUD,FOC 3.4.W.C	0.43	20/1	19	A	20	20/1	0	SPARE
SPACE ONLY	0	-/1	21	B	22	20/1	0	SPARE
SPACE ONLY	0	-/1	23	C	24	20/1	0	SPARE
SPACE ONLY	0	-/1	25	A	26	-/1	0	SPACE ONLY
SPACE ONLY	0	-/1	27	B	28	-/1	0	SPACE ONLY
SPACE ONLY	0	-/1	29	C	30	-/1	0	SPACE ONLY
N/A	0	-/1	31	A	32	-/1	0	N/A
N/A	0	-/1	33	B	34	-/1	0	N/A
N/A	0	-/1	35	C	36	-/1	0	N/A
N/A	0	-/1	37	A	38	-/1	0	N/A
N/A	0	-/1	39	B	40	-/1	0	N/A
N/A	0	-/1	41	C	42	-/1	0	N/A

A TOTAL	8.00
B TOTAL	7.81
C TOTAL	5.89
CONN. kW	21.70
CONN. Amps	26.10

VLL	PH
480	3

0.00	RECEPTACLES
0.00	HEATING
0.00	AC/MOTORS
21.20	LIGHTING
0.50	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% :	=	0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	=	0 KVA
LIGHTING: 125%:	=	26.5 KVA
MISC: 100%:	=	0.5 KVA
WATER HEATER: 125%:	=	0 KVA
ELEVATORS: PER NEC:	=	0 KVA
KITCHEN EQUIP: PER NEC :		0 KVA
TOTAL DEMAND LOAD KW:	=	27 KVA
TOTAL DEMAND LOAD AMPS:	=	32.48 AMP

EXISTING PANEL MH4A

VOLTAGE: 277/480 AMP: 100
PHASE: 3 MAIN: MLO

DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION
EX. VAV 8-70 & 8-73 4TH FLR	0.1	20/1	1	A	2	20/1	0.1	EX. VAV 7-11 & 7-12 3RD FLR
EX. VAV 8-9 4TH FLR	0.1	20/1	3	B	4	20/1	0.1	EX. VAV 7-9 & 7-10 3RD FLR
EX. VAV 8-6 & 8-7 4TH FLR	0.1	20/1	5	C	6	20/1	0.1	EX. VAV 7-6 & 7-7 3RD FLR
EX. VAV 8-67 & 8-84 4TH FLR	0.1	20/1	7	A	8	20/1	0.1	EX. VAV 7-5 3RD FLR
SPARE	0	20/3	9	B	10	20/1	0.1	EX. VAV 8-71 & 8-76 4TH FLR
------	0	---	11	C	12	20/1	0.1	EX. VAV 8-78 & 4-61 4TH FLR
------	0	---	13	A	14	20/1	0	SPARE
EX. EXHAUST FAN EF-2	1	20/3	15	B	16	20/1	0.1	EX. VAV 7-20 & 7-21 3RD FLR
------	1	---	17	C	18	20/1	0.1	EX. VAV 7-13 & 7-26 3RD FLR
------	1	---	19	A	20	20/1	0.5	EX. CV 7-16 3RD FLR
EX. W 8-21 4TH FLR	0.5	20/1	21	B	22	20/3	0	SPARE
EX. W 8-16 4TH FLR	0.5	20/1	23	C	24	---	0	------
EX. W 8-68 & 8-85 4TH FLR	0.5	20/1	25	A	26	---	0	------
EX. W 8-69 & 8-86 4TH FLR	0.5	20/1	27	B	28	30/1	6	IWH-3-3 P. SQUARE 3.3.C.404 *
SPACE ONLY	0	-/1	29	C	30	30/1	6	IWH-3-4 PANTRY 3.3.W.400 *
SPACE ONLY	0	-/1	31	A	32	30/1	6	IWH-4-3 P. SQUARE 3.4.C.405 *
SPACE ONLY	0	-/1	33	B	34	30/1	6	IWH-4-4 PANTRY 3.4.W.400 *
SPACE ONLY	0	-/1	35	C	36	-/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
SPACE ONLY	0	-/1	41	C	42	-/1	0	SPACE ONLY

*PROVIDE NEW CIRCUIT BREAKER

A TOTAL	8.40
B TOTAL	14.40
C TOTAL	7.90
CONN. kW	30.70
CONN. Amps	36.93

VLL	PH
480	3

0.00	RECEPTACLES
0.00	HEATING
4.20	AC/MOTORS
0.00	LIGHTING
2.50	MISC.
24.00	WATER HEATERS
0.00	ELEVATORS
0.00	KITCHEN EQUIP

TOTAL DEMAND LOAD

RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	=	0 KVA
HEAT: 100% :	=	0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	=	4.2 KVA
LIGHTING: 125%:	=	0 KVA
MISC: 100%:	=	2.5 KVA
WATER HEATER: 125%:	=	30 KVA
ELEVATORS: PER NEC:	=	0 KVA
KITCHEN EQUIP: PER NEC :		0 KVA
TOTAL DEMAND LOAD KW:	=	36.7 KVA
TOTAL DEMAND LOAD AMPS:	=	44.14 AMP

EXISTING PANEL EL4A

VOLTAGE: 277/480 AMP: 125
PHASE: 3 MAIN: MLO

DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION
EX. EMER LTS ELEC, TELE, RR 4TH FLR	0.4	20/1	1	A	2	20/1	0.41	EX. EXIT LTG A & B
EX. EMER LTG OPN OFC 4TH FLR	0.72	20/1	3	B	4	20/1	0	SPARE
EX. EMER LTG OPN OFC, CONF, HALL 4TH FLR	0.68	20/1	5	C	6	20/1	0	SPARE
SPARE	0	20/1	7	A	8	20/1	0	SPARE
SPARE	0	20/1	9	B	10	20/1	0	SPARE
SPARE	0	20/1	11	C	12	20/1	0	SPARE
SPARE	0	20/1	13	A	14	20/1	0	SPARE
SPACE ONLY	0	-/1	15	B	16	-/1	0	SPACE ONLY
SPACE ONLY	0	-/1	17	C	18	-/1	0	SPACE ONLY

A TOTAL	0.81
B TOTAL	0.72
C TOTAL	0.68
CONN. kW	2.21
CONN. Amps	2.66

VLL	PH
480	3

0.00	RECEPTACLES
0.00	HEATING
0.00	AC/MOTORS
2.21	LIGHTING
0.00	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% :	=	0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	=	0 KVA
LIGHTING: 125%:	=	2.7625 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:	=	2.7625 KVA
TOTAL DEMAND LOAD AMPS:	=	3.32 AMP

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Date	Description
12.15.2017	ISSUE FOR PERMIT AND CONSTRUCTION

Seal / Signature

Project Name
Unum Workplace Transformation - Phase 2 & 3 (HO2 & HO3)

Project Number
59.6481.003

Description
PANEL SCHEDULES

Scale
NO SCALE

E2.640