

EXISTING PANEL R121												
VOLTAGE:		120/208			AMP:		150			MLQ		
PHASE:		3			MAIN:							
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION	KW	BKR	CK	PH
REF WELLN. 3.1.N.410	0.6	20/1	1	A	2	20/1	0.72	EX. REC MAIN TELE 122				
WELLASTOR. 3.1.N.409	0.72	20/1	3	B	4	20/1	0.72	EX. REC ELEV & MAIN TELE				
REC TOILETS 3.1.N.914&915	0.36	20/1	6	C	6	20/1	0.72	EX. REC MAIN TELE 122				
REC VID CONF 3.1.C.B	0.72	20/1	7	A	8	20/1	0.72	EX. REC MAIN TELE 122				
TV VID CONF 3.1.C.B	0.5	20/1	9	B	10	20/1	0	SPARE				
SPARE	0	20/1	11	C	12	20/1	0	SPARE				
SPARE	0	20/2	13	A	14	20/1	0	SPARE				
SPARE	0	---	15	B	16	20/1	0	SPARE				
SPARE	0	20/1	17	C	18	20/1	0	SPARE				
SPARE	0	20/1	19	A	20	20/1	0	SPARE				
SPARE	0	20/1	21	B	22	20/1	0.72	EX. MAIN TELE RM REC				
REC& TV MEETUP 3.1.C.C	1.15	20/1	23	C	24	20/1	0.72	EX. MAIN TELE RM REC				
REC OFFICE 3.1.N.407	0.72	20/1	25	A	26	20/1	0.72	EX. MAIN TELE RM REC				
EX. MAIN TELE RM REC	0.72	20/1	27	B	28	20/1	0.72	EX. MAIN TELE RM REC				
EX. MAIN TELE RM REC	0.72	20/1	29	C	30	20/1	0	SPARE				
REC GENIUS BAR 3.1.N.406	0.72	20/1	31	A	32	20/1	0	SPARE				
REC DRY CLEAN 3.1.N.408	0.36	20/1	33	B	34	20/1	0	SPARE				
EX. TEMP CTRL	0.1	20/1	35	C	36	20/1	0	SPARE				
EX. REC KITCHEN MECH 120	0.72	20/1	37	A	38	20/1	0	SPARE				
EX. REC FLR CAFE, KIT MECH	0.72	20/1	39	B	40	20/1	0	SPARE				
EX. TEMP CTRL	0.1	20/1	41	C	42	20/1	0.1	EX. TEMP CTRL				

A TOTAL	5.64	VLL	PH	13.14
B TOTAL	5.18	208	3	0.00 HEATING
C TOTAL	3.97			0.00 AC/MOTORS
				0.00 LIGHTING
				1.65 MISC.
				0.00 WATER HEATERS
				0.00 ELEVATORS
				0.00 KITCHEN EQUIP

CONN. KW	14.79
CONN. Amps	41.05

TOTAL DEMAND LOAD	
RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	= 11.57 KVA
HEAT: 100% :	= 0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	= 0 KVA
LIGHTING: 125%:	= 0 KVA
MISC: 100%:	= 1.65 KVA
WATER HEATER: 125%:	= 0 KVA
ELEVATORS: PER NEC:	= 0 KVA
KITCHEN EQUIP: PER NEC :	= 0 KVA
TOTAL DEMAND LOAD KW:	= 13.22 KVA
TOTAL DEMAND LOAD AMPS:	= 36.70 AMP

EXISTING PANEL R124												
VOLTAGE:		120/208			AMP:		150			MLQ		
PHASE:		3			MAIN:							
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION	KW	BKR	CK	PH
SPARE	0	20/1	1	A	2	20/1	0.5	EX. BOA ATM				
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				
SPARE	0	20/1	17	C	18	20/1	0	SPARE				
SPARE	0	20/1	19	A	20	20/1	0	SPARE				
SPARE	0	20/1	21	B	22	20/1	0	SPARE				
LTS COLAB 3.1.C.317&318	0.18	20/1	23	C	24	20/1	0.61	REC&TV COLAB 3.1.C.317				
TV VID CONF 3.1.C.F	0.5	20/1	25	A	26	20/1	0.5	TV VID CONF 3.1.C.E				
REC VID CONF 3.1.C.F	0.72	20/1	27	B	28	20/1	0.72	REC VID CONF 3.1.C.E				
TV VID CONF 3.1.C.A	0.5	20/1	29	C	30	20/1	1.15	REC&TV MEETUP 3.1.C.D				
REC VID CONF 3.1.C.A	0.72	20/1	31	A	32	20/1	1.22	REC COLAB 3.1.C.316&317				
LTS COLAB 3.1.C.316	0.16	20/1	33	B	34	20/1	0.33	LTS MEETUP 3.1.C.C&D				
LTS COLAB 3.1.C.316	0.12	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	0.5	EX. ATM MACHINE				

A TOTAL	3.44	VLL	PH	4.64
B TOTAL	1.93	208	3	0.00 HEATING
C TOTAL	3.06			0.00 AC/MOTORS
				0.79 LIGHTING
				3.00 MISC.
				0.00 WATER HEATERS
				0.00 ELEVATORS
				0.00 KITCHEN EQUIP

CONN. KW	8.43
CONN. Amps	23.40

TOTAL DEMAND LOAD	
RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	= 4.64 KVA
HEAT: 100% :	= 0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	= 0 KVA
LIGHTING: 125%:	= 0.9875 KVA
MISC: 100%:	= 3 KVA
WATER HEATER: 125%:	= 0 KVA
ELEVATORS: PER NEC:	= 0 KVA
KITCHEN EQUIP: PER NEC :	= 0 KVA
TOTAL DEMAND LOAD KW:	= 8.6275 KVA
TOTAL DEMAND LOAD AMPS:	= 23.95 AMP

EXISTING PANEL E11B												
VOLTAGE:		277/480			AMP:		80			MLQ		
PHASE:		3			MAIN:							
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION	KW	BKR	CK	PH
EX. EMER. LTG STAIRS	0.7	20/1	1	A	2	20/1	0.74	EX. EMER LTG ELEC, KIT MECH *				
EX. EMER. LTG STAIRS	0.5	20/1	3	B	4	20/1	0.64	EX. EMER LTG ELEC				
EX. EMER LTGRMS 132,185	0.63	20/1	5	C	6	20/1	0.7	EX. EMER LTG RM 116,117,119,132				
SPACE	0	-/1	7	A	8	20/1	0.7	EX. LTS EXIT,CAFE,SERV,KITCH.				
SPACE	0	-/1	9	B	10	20/1	1.11	EX. EMGR LTG CAFE,SERV 176,177 *				
SPACE	0	-/1	11	C	12	20/1	0.92	EX. CAFE, DISHWASH LTS *				
SPACE	0	-/1	13	A	14	-/1	0	SPACE				
SPACE	0	-/1	15	B	16	-/1	0	SPACE				
SPACE	0	-/1	17	C	18	-/1	0	SPACE				
SPACE	0	-/1	19	A	20	-/1	0	SPACE				
EX. UNKNOWN	0.5	20/1	21	B	22	-/1	0	SPACE				
EX. UNKNOWN	0.5	20/1	23	C	24	-/1	0	SPACE				
EX. PNL ERIB	1	30/3	25	A	26	20/1	0	SPACE				
-----	1	---	27	B	28	20/1	0	SPACE				
-----	1	---	29	C	30	20/1	0	SPACE				

A TOTAL	3.14	VLL	PH	0.00
B TOTAL	3.75	480	3	0.00 RECEPTACLES
C TOTAL	3.75			0.00 HEATING
				0.00 AC/MOTORS
				7.64 LIGHTING
				3.00 MISC.
				0.00 WATER HEATERS
				0.00 ELEVATORS
				0.00 KITCHEN EQUIP

CONN. KW	10.64
CONN. Amps	12.80

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%:	= 9.55 KVA
MISC: 100%:	= 3 KVA
WATER HEATER: 125%:	= 0 KVA
ELEVATORS: PER NEC:	= 0 KVA
KITCHEN EQUIP: PER NEC :	= 0 KVA
TOTAL DEMAND LOAD KW:	= 12.55 KVA
TOTAL DEMAND LOAD AMPS:	= 15.10 AMP

EXISTING PANEL SDEL												
VOLTAGE:		120/208			AMP:		100			MCB		
PHASE:		3			MAIN:							
DESCRIPTION	KW	BKR	CK	PH	CK	BKR	KW	DESCRIPTION	KW	BKR	CK	PH
EX. N. REVOLVING DOOR	1	20/2	1	A	2	100/3	0	MAIN BREAKER				
-----	1	---	3	B	4	---	0	-----				
EX. N. REVOLVING DOOR LTS	0.3	20/1	6	C	6	---	0	-----				
EX. PANEL OUTLET	0.18	20/1	7	A	8	20/2	1	REV. DOOR NEAR ATM				
EX. PANEL OUTLET	0.18	20/1	9	B	10	---	1	-----				
REV. DOOR CIRC 3.1.C1.310	1	20/1	11	C	12	20/1	0.3	REVOLV. DOOR LTS				
N/A	0	---	13	A	14	20/1	0	SPARE				
N/A	0	---	15	B	16	20/1	0	SPARE				
N/A	0	---	17	C	18	20/1	0	SPARE				

A TOTAL	2.18	VLL	PH	0.36
B TOTAL	2.18	208	3	0.00 RECEPTACLES
C TOTAL	1.60			0.00 HEATING
				0.00 AC/MOTORS
				0.60 LIGHTING
				5.00 MISC.
				0.00 WATER HEATERS
				0.00 ELEVATORS
				0.00 KITCHEN EQUIP

CONN. KW	5.96
CONN. Amps	16.54

TOTAL DEMAND LOAD	
RECEPTS: 100% 1ST 10 KW + 50% REMAINING:	= 0.36 KVA
HEAT: 100% :	= 0 KVA
AC/MOTORS: 125% LARGEST + 100% REMAINING:	= 0 KVA
LIGHTING: 125%:	= 0.75 KVA
MISC: 100%:	= 5 KVA
WATER HEATER: 125%:	= 0 KVA
ELEVATORS: PER NEC:	= 0 KVA
KITCHEN EQUIP: PER NEC :	= 0 KVA
TOTAL DEMAND LOAD KW:	= 6.11 KVA
TOTAL DEMAND LOAD AMPS:	= 16.96 AMP

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△ Date 12/15/2017
 Description 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

E2.611

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