



IN THE EVENT CONFLICTS ARE DISCOVERED  
BETWEEN THE ORIGINAL SIGNED AND SEALED  
DOCUMENTS PREPARED BY THE ARCHITECTS  
AND/OR THEIR CONSULTANTS, AND ANY COPY OF  
THE DOCUMENTS TRANSMITTED BY MAIL, FAX,  
ELECTRONICALLY OR OTHERWISE, THE ORIGINAL  
SIGNED AND SEALED DOCUMENTS SHALL GOVERN.

PROJECT # 2017-110  
DATE: 06/16/2021  
REVISIONS PERMIT SET

BURNSIDE  
MIXED USE  
2202 E BURNSIDE ST, PORTLAND, OR 97214

SHEET:

E1.13

MFIA PANEL SCHEDULE												
panel		mounting			location			connected load amps				
4M1		SURFACE			GARAGE						97	
voltage		phase			bus & main			calculated load amps				
277/480V		3			200A SCOR-42K			MLO			97	
C	service	va	a/p	no.	a	b	c	va	service			C
6	ELEVATOR #1	7479	100/3	1	*	2	100/3	7479	ELEVATOR #2			6
6	*	7479	*	3	*	4	*	7479	*			6
6	*	7479	*	5	*	6	*	7479	*			6
5	TRANSFORMER ET1 (PNL 2ES)	6388	225/3	7	*	8	225/3	5576	TRANSFORMER ET2 (PNL 2EN)			5
5	*	6388	*	9	*	10	*	5576	*			5
5	*	6388	*	11	*	12	*	5576	*			5
BLANK				13	*	14		BLANK				
BLANK				15	*	16		BLANK				
BLANK				17	*	18		BLANK				
BLANK				19	*	20		BLANK				
BLANK				21	*	22		BLANK				
BLANK				23	*	24		BLANK				
BLANK				25	*	26		BLANK				
BLANK				27	*	28		BLANK				
BLANK				29	*	30		BLANK				
BLANK				31	*	32		BLANK				
BLANK				33	*	34		BLANK				
BLANK				35	*	36		BLANK				
BLANK				37	*	38		BLANK				
BLANK				39	*	40		BLANK				
BLANK				41	*	42		BLANK				
Phase A		26922 VA			NOTES:				line-line voltage			
Phase B		26922 VA										480
Phase C		26922 VA										
Total Connected		80766 VA							largest motor (va)			0
load code:		ph. A	ph. B		ph. C	total	factor	calculated load (va)				
1. LIGHTS=		0	0		0	VA	0	1.25	0			
2. RECEPT=		0	0		0	VA	0	1 + 0.5	0			
3. HEATING=		0	0		0	VA	0	1.00	0			
4. KITCHEN=		0	0		0	VA	0	1.00	0			
5. EQUIP.=		11964	11964		11964	VA	35892	1.00	35892			
6. MOTORS=		14958	14958		14958	VA	44874	*	44874			
7. MISC=		0	0		0	VA	0	1.00	0			
(* 125% of the largest motor + 100% of the balance)								TOTAL =		80766		

MFIA PANEL SCHEDULE													
panel		mounting		location		connected load amps							
2HN		SURFACE		3RD FLR - NORTH									
voltage		phase		bus & main		calculated load amps							
120/208V		3		200A SCOR-42K		MLO							
C	service	va	a/p	no.	a b c	no.	a/p	va	service	113			
	5 PACKAGE LOCKER SYSTEM	1500	20/1	1	*	2	20/1	1080	RECEPT - 1ST FLR LOBBY	C			
	5 MAIL ROOM CAMERA	500	20/1	3	*	4	20/1	1080	RECEPT - 1ST FLR LOBBY	2			
	5 BUILDING SIGNS	1500	20/1	5	*	6	20/1	1080	RECEPT - 1ST FLR LOBBY	2			
	5 AUDIO SYSTEM	1500	20/1	7	*	8	20/1	1080	RECEPT - 1ST FLR OFFICE	2			
	5 DRINK FOUNTAIN (BIKE ROOM)	1500	20/1	9	*	10	20/1	1080	RECEPT - 1ST FLR OFFICE	2			
1	LIGHTS - FLOOR 1	1500	20/1	11	*	12	20/1	1080	RECEPT - 1ST FLR	2			
1	LIGHTS - FLOOR 1	1500	20/1	13	*	14	20/1	360	RECEPT - ELEV MACH RM	2			
1	LIGHTS - FLOOR 1	1500	20/1	15	*	16	20/1	900	RECEPT - CORRIDOR FLR 3	2			
1	LIGHTS - FLOOR 2	1500	20/1	17	*	18	20/1	900	RECEPT - CORRIDOR FLR 4	2			
1	LIGHTS - FLOOR 3	1500	20/1	19	*	20	20/1	900	RECEPT - CORRIDOR FLR 5	2			
1	LIGHTS - FLOOR 4	1500	20/1	21	*	22	20/1	900	RECEPT - CORRIDOR FLR 5	2			
	SPARE	0	20/1	23	*	24	20/1	900	RECEPT - CORRIDOR FLR 6	2			
	SPARE	0	20/1	25	*	26	20/1	900	RECEPT - CORRIDOR FLR 6	2			
	SPARE	0	20/1	27	*	28	20/1	1260	RECEPT - ROOF GFCI	2			
	SPARE	0	20/1	29	*	30	20/1	0	SPARE				
	SPARE	0	20/1	31	*	32	20/1	0	SPARE				
	SPARE	0	20/1	33	*	34	20/1	0	SPARE				
	SPARE	0	20/1	35	*	36	20/1	0	SPARE				
7	PANEL 2C1	3760	100/3	37	*	38	20/1	1080	RECEPT-TEMP (LEASE A)	2			
7	*	3760	*	39	*	40	20/1	1080	RECEPT-TEMP (LEASE B)	2			
7	*	2000	*	41	*	42	20/1	1080	RECEPT-TEMP (LEASE C)	2			
Phase A		15160 VA		NOTES:				line-line voltage					
Phase B		15060 VA								208			
Phase C		11540 VA											
Total Connected		41760 VA								largest motor (va)			
										0			
load code:		ph. A	ph. B	ph. C	total	factor	calculated load (va)						
1. LIGHTS=		3000	3000	3000	VA	9000	1.25	11250					
2. RECEPT=		5400	6300	5040	VA	16740	1 + 0.5	13370					
3. HEATING=		0	0	0	VA	0	1.00	0					
4. KITCHEN=		0	0	0	VA	0	1.00	0					
5. EQUIP.=		3000	2000	1500	VA	6500	1.00	6500					
6. MOTORS=		0	0	0	VA	0	*	0					
7. MISC=		3760	3760	2000	VA	9520	1.00	9520					
(* 125% of the largest motor + 100% of the balance)							TOTAL =	40640					

MFIA PANEL SCHEDULE												
panel		mounting			location			connected load amps				
2C1		SURFACE			6TH FLR - NORTH			26				
voltage		phase			bus & main			calculated load amps				
120/208V		3			100A SCOR- 22K			30				
C	service	va	a/p	no.	a b c	no.	a/p	va	service		C	
1	LIGHTS - TERRACE	500	20/1	1	*	2	20/1	1250	RECEPT- TERRACE		2	
1	LIGHTS - TERRACE	500	20/1	3	*	4	20/1	1250	RECEPT- TERRACE		2	
1	LIGHTS - COMMUNITY ROOM	1500	20/1	5	*	6	20/1	500	GAS FIRE TABLE		5	
1	LIGHTS - COMMUNITY ROOM	1500	20/1	7	*	8	20/1	500	GAS FIRE TABLE		5	
1	LIGHTS - COMMUNITY ROOM	1500	20/1	9	*	10	20/1	500	IRRIGATION CONTROL (TERRACE)		5	
			20/1	11	*	12	20/1					
			20/1	13	*	14	20/1					
			20/1	15	*	16	20/1					
			20/1	17	*	18	20/1					
			20/1	19	*	20	20/1					
			20/1	21	*	22	20/1					
			20/1	23	*	24	20/1					
			20/1	25	*	26	20/1					
			20/1	27	*	28	20/1					
			20/1	29	*	30	20/1					
			20/1	31	*	32	20/1					
			20/1	33	*	34	20/1					
			20/1	35	*	36	20/1					
			20/1	37	*	38	20/1					
			20/1	39	*	40	20/1					
			20/1	41	*	42	20/1					
Phase A		3760 VA			NOTES:				line-line voltage			
Phase B		3760 VA							208			
Phase C		2000 VA							largest motor (va)			
Total Connected		9520 VA							0			
load code:		ph. A	ph. B	ph. C		total	factor	calculated load (va)				
1. LIGHTS=		2000	2000	1500 VA		5500	1.25	6875				
2. RECEPT.=		1280	1280	0 VA		2520	1 + 0.5	2520				
3. HEATING=		0	0	0 VA		0	1.00	0				
4. KITCHEN=		0	0	0 VA		0	1.00	0				
5. EQUIP.=		500	500	500 VA		1500	1.00	1500				
6. MOTORS=		0	0	0 VA		0	*	0				
7. MISC=		0	0	0 VA		0	1.00	0				
(* 125% of the largest motor + 100% of the balance)							TOTAL=	10895				