



RETAIL DESIGN COLLABORATIVE

BL1A		BUSWAY EXISTING			120/208V, 3PH, 4W 100A RATED BUSWAY 10,000 AIC CASE GROUND		B100C TRACK BUSWAY	
DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION		
		A	B	C				
1 05M OUTRIGGER TV WALL (19)	20 1	0.96	0.96		1 20	05M OUTRIGGER TV WALL (19)	2	
3 11a seasonal (13)	20 1		0.72	0.00	1 20	space		
5 05M OUTRIGGER TV WALL (19)	20 1			0.96	0.96	1 20	05M OUTRIGGER TV WALL (19)	4
7 11a seasonal (13)	20 1	1.08	0.96		1 20	05M OUTRIGGER TV WALL (19)	6	
9 05M OUTRIGGER TV WALL (19)	20 1		0.96	0.96		1 20	05M OUTRIGGER TV WALL (19)	8
11 05M OUTRIGGER TV WALL (19)	20 1			0.96	0.00	1 20	space	10
13 11a seasonal (13)	20 1	0.72	0.96		1 20	05M OUTRIGGER TV WALL (19)	14	
15 05M OUTRIGGER TV WALL (19)	20 1		0.96	0.96		1 20	05M OUTRIGGER TV WALL (19)	16
17 05M OUTRIGGER TV WALL (19)	20 1			0.96	0.00	1 20	space	18
19 spare	20 1	0.00	0.72		1 20	ENTERTAIN GONDOLA (19)	20	
21 11a seasonal (13)	20 1		1.08	0.72		1 20	05M OUTRIGGER TV WALL (19)	22
23 spare	20 1			0.00	0.48	1 20	05M OUTRIGGER TV WALL (19)	24
25 spare	20 1	0.90	0.00			1 20	n/a	26
27 spare	20 1		0.00	0.00		1 20	n/a	28
29 spare	20 1			0.00	0.00	1 20	n/a	30
TOTAL CONNECTED		6.36	6.36				KVA	
TOTAL CONNECTED		53.00	53.00				AMPS	
TOTAL LOAD		17.04					AMPS	
PER NEC ARTICLE 220 FEEDER LOAD		17.04					AMPS	

BL1B		BUSWAY EXISTING			120/208V, 3PH, 4W 100A RATED BUSWAY 10,000 AIC CASE GROUND		B100C TRACK BUSWAY	
DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION		
		A	B	C				
1 ENTERTAIN GONDOLA (19)	20 1	0.72	0.07		1 20	PHOTO LAB PHASER (19)	2	
3 spare	20 1			0.00	0.54	1 20	PHOTO LAB COUNTER	4
5 ENTERTAIN GONDOLA (19)	20 1			0.72	0.90	1 20	PHOTO LAB WIDE FORMAT (19)	6
7 0665 DPC (19)	20 1	1.20	0.72		1.20	0.72	1 20	ENTERTAIN GONDOLA (19)
9 0665 DPC (19)	20 1			0.00	0.72		1 20	ENTERTAIN GONDOLA (19)
11 spare	20 1			0.00	0.72		1 20	ENTERTAIN GONDOLA (19)
13 ENTERTAIN GONDOLA (19)	20 1	0.72	0.72			1 20	06g electronics (13)	14
15 ENTERTAIN GONDOLA (19)	20 1		0.72	0.00		1 20	space	16
17 spare	20 1			0.60	0.00	1 20	space	18
19 PHOTO LAB QL PRINTER (19)	20 1	0.00	1.04			1 20	pic's pvc (13)	20
21 ENTERTAIN KIOSK (19)	20 1		0.72	0.00		1 20	space	22
23 PHOTO LAB QPC RECEIPT (19)	20 1			0.36	0.00	1 20	space	24
25 ENTERTAIN GONDOLA (19)	20 1	1.44	0.00			1 20	space	26
27 WIRELESS RECEIPTS (19)	20 1		0.72	0.00		1 20	space	28
29 ENTERTAIN GONDOLA (19)	20 1			0.72	0.00	1 20	space	30
31 ENTERTAIN TABLE (19)	20 1	1.08	0.00			1 20	space	32
33 ENTERTAIN TABLE (19)	20 1		1.08	0.88		1 20	26a / pic's (13)	34
35 ENTERTAIN TABLE (19)	20 1			1.08	0.00	1 20	space	36
37 n/a	20 1	0.00	0.00			1 20	space	38
39 n/a	20 1		0.00	0.00		1 20	space	40
41 n/a	20 1			0.00	1.22	1 20	shu3,shu15,15,17 (13)	42
TOTAL CONNECTED		7.71	6.38		8.32		KVA	
TOTAL CONNECTED		64.25	53.17		52.87		AMPS	
TOTAL LOAD		20.41			56.65		AMPS	
PER NEC ARTICLE 220 FEEDER LOAD		20.41			56.65		AMPS	

BL1C		BUSWAY EXISTING			120/208V, 3PH, 4W 100A RATED BUSWAY 22,000 AIC CASE GROUND ISOLATED GROUND		B100C TRACK BUSWAY	
DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION		
		A	B	C				
1 spare	20 1	0.00	0.00		1 20	space	2	
3 spare	20 1			0.00	0.00	1 20	space	4
5 spare	20 1			0.00	0.00	1 20	space	6
7 07a key gondola (13)	20 1	1.58	0.50			1 20	space	8
9 spare	20 1		0.00	1.44		1 20	17a lamps (13)	10
11 spare	20 1			0.00	0.00	1 20	space	12
13 spare	20 1	0.00	0.78			1 20	09c ball / 10c auto (13)	14
15 spare	20 1		0.00	0.18		1 20	10b AUTO SOUND (19)	16
17 spare	20 1			0.00	0.00	1 20	space	18
19 12B PAINT MIXING BOOTH (1,19)	20 1	0.72	0.16			1 20	09a SPORT GOODS C (1,19)	20
21 12B PAINT MIXING BOOTH (1,19)	20 1		0.80	1.48		1 20	09a SPORT GOODS C (1,19)	22
23 spare	20 1			0.00	1.08	1 20	09a SPORT GOODS C (1,19)	24
25 spare	20 1	0.90	1.44			1 20	car cabinet (13)	26
27 12A COLOR / 12B PAINT (19)	20 1		1.00	0.50		1 20	13c (13)	28
29 12B PAINT MIXING BOOTH (19)	20 1			1.56	0.00	1 20	space	30
31 spare	20 1	0.00	1.22			1 20	13b (13)	32
33 spare	20 1		0.00	0.68		1 20	ENTERTAINMENT KIOSK (1,19)	34
35 n/a 13, 14 (13)	20 1			1.22	1.14	1 20	CLOSURE (19)	36
TOTAL CONNECTED		5.40	6.11		9.02		KVA	
TOTAL CONNECTED		45.00	50.92		46.37		AMPS	
TOTAL LOAD		18.53			46.37		AMPS	
PER NEC ARTICLE 220 FEEDER LOAD		18.53			46.37		AMPS	

BL2A		BUSWAY EXISTING			120/208V, 3PH, 4W 100A RATED BUSWAY 22,000 AIC CASE GROUND ISOLATED GROUND		B100C TRACK BUSWAY	
DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION		
		A	B	C				
1 front cash wraps (13)	20 1	0.81			1 20	LBX LIGHT BOXES (19)	2	
3 front cash wraps (13)	20 1		0.87	0.87		1 20	front cash wraps (13)	4
5 spare	20 1			0.00	0.87	1 20	front cash wraps (13)	6
7 front cash wraps (13)	20 1	1.71	1.71			1 20	front cash wraps (13)	8
9 front cash wraps (13)	20 1		1.71	1.71		1 20	front cash wraps (13)	10
11 805Z ZAZA WASHER (19)	20 1		1.71	0.18		1 20	M3H (19)	12
13 front cash wraps (13)	20 1		0.00	1.71		1 20	OT9 cigarettes (13)	14
15 front cash wraps (13)	20 1			1.71	1.36	1 20	front cash wraps (13)	16
17 spare	20 1	0.00	0.86			1 20	34A FITTING ROOM / PIGS (19)	18
19 spare	20 1		0.00	0.00		1 20	SPARE	20
21 spare	20 1			1.22	0.00	1 20	space	22
23 spare	20 1	0.00	0.00			1 20	space	24
25 spare	20 1		1.44	0.00		1 20	n/a	26
27 spare	20 1			0.00	0.00	1 20	n/a	28
TOTAL CONNECTED		8.76	8.31		7.10		KVA	
TOTAL CONNECTED		73.00	69.25		59.19		AMPS	
TOTAL LOAD		24.17			67.10		AMPS	
PER NEC ARTICLE 220 FEEDER LOAD		25.16			69.83		AMPS	

H4B1		PANELBOARD EXISTING			277/480V, 3PH, 4W 600A MAIN LUGS ONLY 25,000 AIC GROUND BAR		SURFACE MOUNT	
DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION		
		A	B	C				
1 TRANSFORMER 14B (19)	3 350 3	64.14	0.00				dedicated space	2
3 space			64.95	0.00			dedicated space	4
5 space				64.94	0.00		dedicated space	6
7 transformer 14c (13)	3 100 3	1.00	0.00				space	8
9 space			1.00	0.00			space	10
11 space			1.00	0.00			space	12
13 rack even (13)	1 125 3	28.33	0.00				space	14
15 space			28.33	0.00			space	16
17 space				28.33	0.00		space	18
19 PANEL 14C (19)	6 60 3	6.02	0.00				space	20
21 space			4.18	0.00			space	22
23 space				3.60	0.00		space	24
25 hvahub-metering (13)	15 3	0.14	20.04				shu-1 (13)	26
27 space			0.14	20.04			space	28
29 space			0.00	11.09			3 50 8 FAN WASHER (19)	30
31 space				0.00	11.09		space	32
33 space				0.00	11.09		space	34
35 space				0.00	11.09		space	36
37 flyer - right (13)	4 60 3	11.92	11.92				4 1 3 flyer - middle (13)	38
39 ventonmat shut trip			11.92	11.92			wiremat shut trip	40
41 flyer - LR (13)	6 45 3	9.70	0.00				space	42
43 ventonmat shut trip			9.70	0.00			space	44
45 space				9.70	0.00		space	46
47 space					0.00		space	48
TOTAL CONNECTED		162.28	161.25		160.56		KVA	
TOTAL CONNECTED		585.86	582.15		579.96		AMPS	
TOTAL LOAD		484.19			582.39		AMPS	
PER NEC ARTICLE 220 FEEDER LOAD		374.51			450.46		AMPS	

H4B2		PANELBOARD EXISTING			277/480V, 3PH, 4W 400A MAIN LUGS ONLY 25,000 AIC GROUND BAR		SURFACE MOUNT	
DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION		
		A	B	C				
1 rackhouse b (13)	30 200 3	47.64	0.00				dedicated space	2
3 space			47.64	0.00			dedicated space	4
5 rackhouse e (13)	30 200 3	51.58	0.00				dedicated space	6
7 space			51.58	0.00			dedicated space	8
9 space				51.52	0.00		dedicated space	10
11 space		0.00	0.00				space	12
13 space			0.00	0.00			space	14
15 space				0.00	0.00		space	16
17 space		0.00	0.00				space	18
19 space			0.00	0.00			space	20
21 space				0.00	0.00		space	22
23 space					0.00		space	24
TOTAL CONNECTED		99.23	99.15		99.28		KVA	
TOTAL CONNECTED		358.22	358.10		356.44		AMPS	
TOTAL LOAD		297.96			358.42		AMPS	
PER NEC ARTICLE 220 FEEDER LOAD		298.56			360.32		AMPS	