PANELBOARD: CAA

LOCATION: OFFICE 1:106E
MOUNTING: SURFACE NEMA1
MAIN DEVICE: 400 A MLO
BUS AMPS: 400 AMPS

VOLTAGE: 120/208 V. 3 ø 4 W.
A.I.C. RATING: 10,000 AMPS SYMMETRICAL
SPECIAL:

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
KE-59 BAKING...	15 A	1	CAA-1	1.2						CAA-2			
			CAA-3							CAA-4			
KE-47 CONVECTION OVEN BAKING CLASSROOM...	25 A	2	CAA-5					1.9		CAA-6			
			CAA-7	1.9	1.7					CAA-8	2	15 A	RCPT 6-20R KE-64C BAKING CLASSROOM...
RCPT 6-20R KE-64D BAKING CLASSROOM...	15 A	2	CAA-9			1.7	1.7			CAA-10			
			CAA-11					1.7	1.4	CAA-12	3	15 A	KE-82 80qt. MIXER BAKING CLASSROOM 1:106G
			CAA-13		1.4					CAA-14			
			CAA-15				1.4			CAA-16			
			CAA-17						0.4	CAA-18	1	15 A	KE-44 EXHAUST CANOPY...
KE-51 TWIN 12gal. TILTING KETTLES BAKING CLASSROOM 1:106G	70 A	3	CAA-19	6.6						CAA-20			
			CAA-21			6.6				CAA-22			
			CAA-23					6.6		CAA-24			
			CAA-25							CAA-26			
			CAA-27							CAA-28			
			CAA-29							CAA-30			
			CAA-31							CAA-32			
			CAA-33							CAA-34			
			CAA-35							CAA-36			
			CAA-37							CAA-38			
			CAA-39							CAA-40			
			CAA-41							CAA-42			
RCPT 6-20R KE-64B BAKING CLASSROOM...	15 A	2	CAA-43	1.7	1.7					CAA-44	2	15 A	RCPT 6-20R KE-64A BAKING CLASSROOM...
			CAA-45			1.7	1.7			CAA-46			
KE-53 40qt. MIXER BAKING CLASSROOM 1:106G	15 A	2	CAA-47					1.0	2.4	CAA-48	1	20 A	RCPT KE-75 BAKING...
			CAA-49	1.0	2.4					CAA-50	1	20 A	RCPT KE-55 BAKING...
RCPT KE-55 BAKING...	20 A	1	CAA-51			2.4	1.2			CAA-52	1	20 A	RCPT KE-75 BAKING...
RCPT KE-36E BAKING...	20 A	1	CAA-53					1.2	2.4	CAA-54	1	20 A	RCPT KE-61 BAKING...
RCPT KE-104A CULINARY...	20 A	1	CAA-55	1.2	1.2					CAA-56	1	20 A	RCPT KE-104B CULINARY...
RCPT KE-104D CULINARY...	20 A	1	CAA-57			1.2	1.2			CAA-58	1	20 A	RCPT KE-104E CULINARY...
RCPT KE-62 BAKING...	20 A	1	CAA-59					2.4	0.2	CAA-60	1	15 A	CORD REEL BAKING...
RCPT KE-36A BAKING...	20 A	1	CAA-61	1.2	0.2					CAA-62	1	15 A	CORD REEL BAKING...
CORD REEL BAKING...	15 A	1	CAA-63			0.2	0.2			CAA-64	1	15 A	CORD REEL BAKING...
CORD REEL BAKING...	15 A	1	CAA-65					0.2	0.2	CAA-66	1	15 A	CORD REEL BAKING...
CORD REEL BAKING...	15 A	1	CAA-67	0.2	0.2					CAA-68	1	15 A	CORD REEL BAKING...
CORD REEL BAKING...	15 A	1	CAA-69			0.2				CAA-70			
SPARE	20 A	1	CAA-71					0.0	0.0	CAA-72	1	20 A	SPARE
SPARE	20 A	1	CAA-73	0.0	0.0					CAA-74	1	20 A	SPARE
SPARE	20 A	1	CAA-75			0.0	0.0			CAA-76	1	20 A	SPARE
SPARE	15 A	1	CAA-77					0.0	0.0	CAA-78	1	20 A	SPARE
SPARE	15 A	1	CAA-79	0.0	0.0					CAA-80	1	15 A	SPARE
SPARE	15 A	1	CAA-81			0.0	0.0			CAA-82	1	15 A	SPARE
SPARE	15 A	1	CAA-83					0.0	0.0	CAA-84	1	15 A	SPARE
			TOTAL LOAD:	24 kVA		21 kVA		22 kVA					
			TOTAL AMPS:	198 A		177 A		184 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
RCPT	2820 VA	50.00%	1410 VA		
KTCH	64033 VA	65.00%	41622 VA	**CONNECTED LOAD:**	66853 VA
				ESTIMATED DEMAND:	43032 VA
				CONNECTED CURRENT:	186 A
				EST. DEMAND CURRENT:	119 A

NOTES:

PANELBOARD: CAB

LOCATION: OFFICE 1:106E
MOUNTING: SURFACE NEMA1
MAIN DEVICE: 400 A MLO
BUS AMPS: 400 AMPS

VOLTAGE: 120/208 V. 3 ø 4 W.
A.I.C. RATING: 10,000 AMPS SYMMETRICAL
SPECIAL:

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
KE-23 CONVEYOR DISHWASHER c/w HOT WATER BOOSTER DISH...	70 A	3	CAB-1	6.6	0.3					CAB-2	1	15 A	KE-108A EXHAUST...
			CAB-3			6.6	0.4			CAB-4	1	15 A	CORD REEL CULINARY...
			CAB-5					6.6	0.3	CAB-6	1	15 A	KE-113 EXHAUST CANOP...
KE-121 EXHAUST CANOP...	15 A	1	CAB-7	0.3	0.4					CAB-8	1	15 A	KE-127 EXHAUST CANOP...
KE-108D EXHAUST...	15 A	1	CAB-9			0.3	0.3			CAB-10	1	15 A	KE-108C EXHAUST...
			CAB-11						0.3	CAB-12	1	15 A	KE-108B EXHAUST...
			CAB-13		0.3					CAB-14	1	15 A	KE-98B EXHAUST CANOP...
KE-98A EXHAUST CANOP...	15 A	1	CAB-15			0.3	2.4			CAB-16	1	20 A	RCPT KE-130 CULINARY...
RCPT KE-136 CULINARY...	20 A	1	CAB-17					1.3	1.8	CAB-18	1	20 A	KE-138 ICE MAKER c/w BI...
KE-133A DROP-IN FOUR WELL HOT FOOD TABLE...	20 A	2	CAB-19	2.0	0.8					CAB-20	1	20 A	KE-133B DROP-IN FOUR...
			CAB-21			2.0	0.7			CAB-22	1	20 A	RCPT KE-128 CULINARY...
RCPT KE-125 CULINARY...	20 A	1	CAB-23					1.2	0.2	CAB-24	1	15 A	KE-122 CONVECTION...
RCPT KE-118 CULINARY...	20 A	1	CAB-25	1.2	0.2					CAB-26	1	20 A	RCPT KE-116 CULINARY...
RCPT KE-107A CULINARY...	20 A	1	CAB-27			1.2	1.2			CAB-28	1	20 A	RCPT KE-107A CULINARY...
RCPT KE-87 CULINARY...	20 A	1	CAB-29					1.2	1.2	CAB-30	1	20 A	RCPT KE-87 CULINARY...
RCPT KE-87 CULINARY...	20 A	1	CAB-31	1.2	3.6					CAB-32	1	20 A	RCPT KE-91 CULINARY...
RCPT KE-92 CULINARY...	20 A	1	CAB-33			2.4	2.4			CAB-34	1	20 A	RCPT KE-94 CULINARY...
RCPT KE-107B CULINARY...	20 A	1	CAB-35					1.2	1.2	CAB-36	1	20 A	RCPT KE-107B CULINARY...
RCPT KE-36C CULINARY...	20 A	1	CAB-37	1.2	1.2					CAB-38	1	20 A	RCPT KE-36D CULINARY...
RCPT KE-104C CULINARY...	20 A	1	CAB-39			1.2	1.2			CAB-40	1	20 A	RCPT KE-97 CULINARY...
RCPT KE-36B DISH...	20 A	1	CAB-41					1.2	0.4	CAB-42	1	15 A	CORD REEL CULINARY...
KTCH	15 A	1	CAB-43	0.7	0.4					CAB-44	1	15 A	CORD REEL CULINARY...
RCPT KE-132 CULINARY...	20 A	1	CAB-45			2.4	1.2			CAB-46	1	20 A	RCPT KE-135B CULINARY...
RCPT KE-135A CULINARY...	20 A	1	CAB-47					1.2		CAB-48			
			CAB-49							CAB-50			
			CAB-51							CAB-52			
			CAB-53							CAB-54			
			CAB-55							CAB-56			
			CAB-57							CAB-58			
			CAB-59							CAB-60			
			CAB-61							CAB-62			
			CAB-63							CAB-64			
			CAB-65							CAB-66			
			CAB-67							CAB-68			
			CAB-69							CAB-70			
			CAB-71						0.0	CAB-72	1	15 A	SPARE
SPARE	15 A	1	CAB-73	0.0	0.0					CAB-74	1	15 A	SPARE
SPARE	15 A	1	CAB-75			0.0	0.0			CAB-76	1	15 A	SPARE
SPARE	15 A	1	CAB-77					0.0	0.0	CAB-78	1	15 A	SPARE
SPARE	20 A	1	CAB-79	0.0	0.0					CAB-80	1	20 A	SPARE
SPARE	20 A	1	CAB-81			0.0	0.0			CAB-82	1	20 A	SPARE
SPARE	20 A	1	CAB-83					0.0	0.0	CAB-84	1	20 A	SPARE
			TOTAL LOAD:	20 kVA		26 kVA		19 kVA					
			TOTAL AMPS:	172 A		220 A		162 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
RCPT	1776 VA	50.00%	888 VA		
KTCH	64345 VA	65.00%	41824 VA	**CONNECTED LOAD:**	66121 VA
				ESTIMATED DEMAND:	42712 VA
				CONNECTED CURRENT:	184 A
				EST. DEMAND CURRENT:	119 A

NOTES:

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Epp Siepman Engineering Inc.
No. 4035

This is a print of a document that has been electronically authenticated with technology authorized by the Engineers Geoscientists Manitoba. The original is in electronic form.

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No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR TENDER	JS/MP	24-04-01

SEAL

PROVINCE OF MANITOBA — M. G. PENNER — Member — 23792 — 2024-04-01 — REGISTERED PROFESSIONAL ENGINEER

EW	MP/KG	KG	MP/KG
DRAWN	CHECKED	DESIGNED	APPROVED

DATE 2024-04-01
USER APPROVAL

Winnipeg
THE CITY OF WINNIPEG
ASSETS & PROJECT MANAGEMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT
PEMBINA TRAILS COLLEGIATE
VOCATIONAL WING
TENDER NO. 954-2023B
50 FRONTIER TRAIL, WINNIPEG, MANITOBA, R3Y 2H1

SHEET TITLE
Electrical Panel Schedules - Part 6

SCALE	PROJECT No:	SHEET No:
	2020-127	E6.15

DRAWING SHEET SIZE: A1 (594x841) PLOT 1:1
ESE 24049