PANELBOARD: MW00

LOCATION: STORAGE ROOM 1:103C
MOUNTING: SURFACE NEMA1
MAIN DEVICE: 400 A MLO
BUS AMPS: 400 AMPS
VOLTAGE: 347/600 V. 3 ø 4 W.
A.I.C. RATING: 18,000 AMPS SYMMETRICAL
SPECIAL:

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
WELDING TABLE	20 A	3	MW00-1	5.5	5.5					MW00-2	3	20 A	WELDING TABLE
			MW00-3			5.5	5.5			MW00-4			
			MW00-5					5.5	5.5	MW00-6			
WELDING TABLE	20 A	3	MW00-7	5.5	5.5					MW00-8	3	20 A	WELDING TABLE
			MW00-9			5.5	5.5			MW00-10			
			MW00-11					5.5	5.5	MW00-12			
WELDING TABLE	20 A	3	MW00-13	5.5	5.5					MW00-14	3	20 A	WELDING TABLE
			MW00-15			5.5	5.5			MW00-16			
			MW00-17					5.5	5.5	MW00-18			
WELDING TABLE	20 A	3	MW00-19	5.5	5.5					MW00-20	3	20 A	WELDING TABLE
			MW00-21			5.5	5.5			MW00-22			
			MW00-23					5.5	5.5	MW00-24			
COLD SAW	20 A	3	MW00-25	3.5	3.5					MW00-26	3	20 A	COLD SAW
			MW00-27			3.5	3.5			MW00-28			
			MW00-29					3.5	3.5	MW00-30			
SPOT WELDER	80 A	2	MW00-31	13.5	0.0					MW00-32	1	15 A	SPARE
			MW00-33			13.5	0.0			MW00-34	1	15 A	SPARE
SPARE	15 A	1	MW00-35					0.0	0.0	MW00-36	1	15 A	SPARE
SPARE	15 A	3	MW00-37	0.0	0.0					MW00-38	3	15 A	SPARE
			MW00-39			0.0	0.0			MW00-40			
			MW00-41					0.0	0.0	MW00-42			
CNC PLASMA CUTTING SYSTEM	20 A	3	MW00-43	5.2						MW00-44			
			MW00-45			5.2				MW00-46			
			MW00-47					5.2		MW00-48			
			MW00-49							MW00-50			
			MW00-51							MW00-52			
			MW00-53							MW00-54			
			MW00-55							MW00-56			
			MW00-57							MW00-58			
			MW00-59							MW00-60			
			MW00-61							MW00-62			
			MW00-63							MW00-64			
			MW00-65							MW00-66			
			MW00-67							MW00-68			
			MW00-69							MW00-70			
			MW00-71							MW00-72			
			MW00-73							MW00-74			
			MW00-75							MW00-76			
			MW00-77							MW00-78			
			MW00-79							MW00-80			
			MW00-81							MW00-82			
			MW00-83							MW00-84			
		TOTAL LOAD:		70 kVA		70 kVA		56 kVA					
		TOTAL AMPS:		208 A		208 A		163 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
MACH WELD	196390 VA	65.00%	127653 VA		
				CONNECTED LOAD:	196390 VA
				ESTIMATED DEMAND:	127653 VA
				CONNECTED CURRENT:	189 A
				EST. DEMAND CURRENT:	123 A

NOTES:

PANELBOARD: MW40

LOCATION: STORAGE ROOM 1:103C
MOUNTING: SURFACE NEMA1
MAIN DEVICE: 225 A Do Not Use
BUS AMPS: Do Not Use
VOLTAGE: 277/480 V. 3 ø 4 W.
A.I.C. RATING: 18,000 AMPS SYMMETRICAL
SPECIAL:

LOAD DESCRIPTION	BKR	P	CKT	A		B		C		CKT	P	BKR	LOAD DESCRIPTION
HORIZONTAL BANDSAW	20 A	3	MW40-1	4.4	3.0					MW40-2	3	20 A	VERTICAL BANDSAW
			MW40-3			4.4	3.0			MW40-4			
			MW40-5					4.4	3.0	MW40-6			
VERTICAL BANDSAW	20 A	3	MW40-7	3.0						MW40-8			
			MW40-9			3.0				MW40-10			
			MW40-11					3.0		MW40-12			
			MW40-13							MW40-14			
			MW40-15							MW40-16			
			MW40-17							MW40-18			
			MW40-19							MW40-20			
			MW40-21							MW40-22			
			MW40-23							MW40-24			
			MW40-25							MW40-26			
			MW40-27							MW40-28			
			MW40-29							MW40-30			
			MW40-31							MW40-32			
			MW40-33							MW40-34			
			MW40-35							MW40-36			
			MW40-37							MW40-38			
			MW40-39							MW40-40			
			MW40-41							MW40-42			
		TOTAL LOAD:		11 kVA		11 kVA		11 kVA					
		TOTAL AMPS:		38 A		38 A		38 A					

LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS	
MACH WELD	31592 VA	65.00%	20535 VA		
				CONNECTED LOAD:	31592 VA
				ESTIMATED DEMAND:	20535 VA
				CONNECTED CURRENT:	38 A
				EST. DEMAND CURRENT:	25 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 DRAWN	MP/KG CHECKED	KG DESIGNED	MP/KG 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 7

SCALE	PROJECT No:	SHEET No:
	2020-127	E6.16

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