MACHINE AND WELDING TECHNOLOGY EQUIPMENT CONNECTION SCHEDULE

			LOAD								STARTER		CONTROL DEVICE		DISCONNECT		
NO.	DESCRIPTION	ROOM	HP	A	W	VOLT	PH	CIRCUIT	CIRCUIT BREAKER	CONDUIT & WIRE SIZE	COMPONENT	FURN. INST. WIRED	COMPONENT	FURN. INST. WIRED	COMPONENT	FURN. INST. WIRED	NOTES
M-05C	MILLING MACHINE	1:103		10 A	[redacted]	208 V	1	MWA-32,34	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-05D	MILLING MACHINE	1:103		10 A	[redacted]	208 V	1	MWA-33,35	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-05E	MILLING MACHINE	1:103		10 A	[redacted]	208 V	1	MWB-3,5	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-08A	VERTICAL BANDSAW	1:103		11 A	[redacted]	480 V	3	MW40-2,4,6	20A/3P	1 SET 21(3/4")C 3-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	3
M-08B	VERTICAL BANDSAW	1:103		11 A	[redacted]	480 V	3	MW40-7,9,11	20A/3P	1 SET 21(3/4")C 3-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	3
M-09	HYDRAULIC SLIP ROLLER	1:103		13 A	[redacted]	208 V	3	MWA-48,50,52	20A/3P	1 SET 21(3/4")C 4-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-11A	LATHE	1:103		25 A	[redacted]	208 V	3	MWA-36,38,40	60A/3P	1 SET 21(3/4")C 4-#10R90 #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-11B	LATHE	1:103		25 A	[redacted]	208 V	3	MWA-37,39,41	60A/3P	1 SET 21(3/4")C 4-#10R90 #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-11C	LATHE	1:103		25 A	[redacted]	208 V	3	MWA-42,44,46	60A/3P	1 SET 21(3/4")C 4-#10R90 #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-11D	LATHE	1:103		25 A	[redacted]	208 V	3	MWA-43,45,47	60A/3P	1 SET 21(3/4")C 4-#10R90 #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-11E	LATHE	1:103		25 A	[redacted]	208 V	3	MWB-7,9,11	60A/3P	1 SET 21(3/4")C 4-#10R90 #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-12	HYDRAULIC PRESS	1:103		14 A	[redacted]	208 V	1	MWA-51,53	30A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-13	SHEAR	1:103		17 A	[redacted]	208 V	3	MWB-13,15,17	40A/3P	1 SET 21(3/4")C 4-#10R90 #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-14A	BELT GRINDER			15 A	[redacted]	120 V	1	MWB-1	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	3
M-14B	BELT GRINDER			15 A	[redacted]	120 V	1	MWB-2	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	3
M-15	SURFACE GRINDER	1:103		4 A	[redacted]	208 V	3	MWB-22,24,26	15A/3P	1 SET 21(3/4")C 4-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	
M-16A	DRILL LATHE			15 A	[redacted]	120 V	1	MWB-45	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	1,2,3
M-16B	DRILL LATHE			15 A	[redacted]	120 V	1	MWB-4	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	1,2,3
M-17A	COLD SAW	1:103		10 A	[redacted]	600 V	3	MW00-25,27,29	20A/3P	1 SET 21(3/4")C 3-#10R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	
M-17B	COLD SAW	1:103		10 A	[redacted]	600 V	3	MW00-26,28,30	20A/3P	1 SET 21(3/4")C 3-#10R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	
M-18A	DRILL PRESS			15 A	[redacted]	120 V	1	MWB-44	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	3
M-18B	DRILL PRESS			15 A	[redacted]	120 V	1	MWB-14	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	3
M-18C	DRILL PRESS			15 A	[redacted]	120 V	1	MWB-16	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	3
M-19	CNC MINI MACHINING MILL	1:103		25 A	[redacted]	208 V	3	MWB-21,23,25	60A/3P	1 SET 27(1")C 4-#8R90 #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	3
M-20A	BUFFING WHEEL			15 A	[redacted]	120 V	1	MWB-18	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	3
M-20B	BUFFING WHEEL			15 A	[redacted]	120 V	1	MWB-19	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	3
M-22A	CNC TOOL ROOM LATHE	1:103		25 A	[redacted]	208 V	3	MWB-34,36,38	60A/3P	1 SET 27(1")C 4-#8R90 #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	3
M-22B	CNC TOOL ROOM LATHE	1:103		25 A	[redacted]	208 V	3	MWB-27,29,31	60A/3P	1 SET 27(1")C 4-#8R90 #10 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	3
M-23A	CNC PLASMA CUTTING SYSTEM	1:103		15 A	[redacted]	600 V	3	MW00-43,45,47	20A/3P	1 SET 21(3/4")C 3-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-23B	CNC PLASMA CUTTING SYSTEM			15 A	[redacted]	120 V	1	MWB-6	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	3
M-24	IRON WORKER	1:103		25 A	[redacted]	208 V	3	MWB-8,10,12	50A/3P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2,3
M-26	DOWN DRAFT TABLE	1:103		9 A	[redacted]	208 V	3	MWB-28,30,32	20A/3P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2
M-28	HEAT TREATMENT OVEN	1:103		45 A	[redacted]	208 V	3	MWB-46,48,50	60A/3P	1 SET 21(3/4")C 4-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	
M-29A	AIR COMPRESSOR	1:102		16 A	[redacted]	120 V	1	P2E-5	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
M-29B	AIR COMPRESSOR	1:102		16 A	[redacted]	120 V	1	P2E-7	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	

GENERAL NOTES:

A. REFER TO MACHINING AND WELDING EQUIPMENT SCHEDULE ON DRAWING E6.7 FOR ABBREVIATIONS, GENERAL NOTES, AND SCHEDULE KEY NOTES.

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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
Machining & Welding Technology
Equipment Connection Schedule - Part 2

SCALE	PROJECT No:	SHEET No:
1 : 96	2020-127	E6.8

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