MECHANICAL EQUIPMENT CONNECTION SCHEDULE

NO.	DESCRIPTION	ROOM	LOAD HP	LOAD A	LOAD W	VOLT	PH	CIRCUIT	CIRCUIT BREAKER	CONDUIT & WIRE SIZE	STARTER COMPONENT	STARTER FURN. INST. WIRED	CONTROL DEVICE COMPONENT	CONTROL DEVICE FURN. INST. WIRED	DISCONNECT COMPONENT	DISCONNECT FURN. INST. WIRED	NOTES
EF-23	EXHAUST FAN		1/4			208 V	1	M2D-22,24	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
ERV-3	ENERGY RECOVERY VENTILATOR			5 A		600 V	3	M204-3,5,7	15A/3P	1 SET 21(3/4")C 3-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	5,8
F-2	FAN	1M:02		4.4 A		120 V	1	M2C-9	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	MAG FVNR HOA	DIV. 26 DIV. 26 DIV. 26	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
FC-101	FAN COIL	1:101		7 A		120 V	1	M2C-32	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
FC-103	FAN COIL	1:103B		7 A		120 V	1	M2C-34	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
FC-104	FAN COIL	1:107B		7 A		120 V	1	M2C-35	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
FSD	FIRE SMOKE DAMPER	<varies>		0.5 A		120 V	1	<varies>	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	FA	DIV 26 DIV 26 DIV 26	NFS	DIV 26 DIV 26 DIV 26	11
GFS-2	GLYCOL FILL STATION	1M:02		2 A		120 V	1	M2C-14	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	5-15R RCPT	DIV 26 DIV 26 DIV 26	
GFS-3	GLYCOL FILL STATION	1:090A		2 A		120 V	1	M2C-27	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	5-15R RCPT	DIV 26 DIV 26 DIV 26	
LAV-1	HARD-WIRED ELECTRONIC PLUMBING FIXTURE (LAVATORY)	<varies>		1 A		120 V	1	P2F-20	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	PKG	---	---	---	7
MUA-1	MAKEUP AIR UNIT			17 A		600 V	3	M204-8,10,12	20A/3P	1 SET 21(3/4")C 3-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
MUA-2	MAKEUP AIR UNIT			24 A		600 V	3	M204-15,17,19	25A/3P	1 SET 21(3/4")C 3-#10R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
MUA-3	MAKEUP AIR UNIT			24 A		600 V	3	M204-14,16,18	25A/3P	1 SET 21(3/4")C 3-#10R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
MUA-4	MAKEUP AIR UNIT			31 A		600 V	3	M202-20,22,24	35A/3P	1 SET 21(3/4")C 3-#8R90 #10 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
MUA-5	MAKEUP AIR UNIT			17 A		600 V	3	M204-9,11,13	20A/3P	1 SET 21(3/4")C 3-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
MUA-7	MAKEUP AIR UNIT			43 A		600 V	3	M204-20,22,24	50A/3P	1 SET 21(3/4")C 3-#8R90 #10 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
MUA-8	MAKEUP AIR UNIT			13 A		600 V	3	M204-21,23,25	15A/3P	1 SET 21(3/4")C 3-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
NRV-1	NON RETURN VALVE	1:100		5 A		120 V	1	M2D-6	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DC-CP	DIV 23 DIV 26 DIV 26	NFS	DIV 26 DIV 26 DIV 26	9
P-15	PUMP	1M:02		2.4 A		208 V	1	M2C-47,49	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
P-16	PUMP	1M:02		2.4 A		208 V	1	M2C-50,52	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
P-17	PUMP	1M:02		2.4 A		208 V	1	M2C-51,53	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
P-18	PUMP	1M:02		2.4 A		208 V	1	M2C-43,45	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
P-22	PUMP			9.8 A		120 V	1	M2C-15	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	CP	DIV 23 DIV 26 DIV 26	NFS	DIV 26 DIV 26 DIV 26	
P-23	PUMP			9.8 A		120 V	1	M2C-16	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	CP	DIV 23 DIV 26 DIV 26	NFS	DIV 26 DIV 26 DIV 26	
P-33	PUMP	1M:02		2.4 A		208 V	1	M2C-46,48	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
P-34	PUMP	1M:02		2.4 A		208 V	1	M2C-42,44	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
RF-1	RETURN FAN	1M:02	2			208 V	1	M2C-19,21	30A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
RF-2	RETURN FAN		2			208 V	1	M2C-20,22	30A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
RH-3	RANGE HOOD	1:107		4.4 A		120 V	1	M2C-37	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	---	---	
RH-4	RANGE HOOD	1:107		4.4 A		120 V	1	M2C-37	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	---	---	
RH-5	RANGE HOOD	1:107		4.4 A		120 V	1	M2C-39	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	---	---	
RH-6	RANGE HOOD	1:107		4.4 A		120 V	1	M2C-39	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	---	---	
RH-7	RANGE HOOD	1:107		4.4 A		120 V	1	M2C-36	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	---	---	
RH-8	RANGE HOOD	1:107		4.4 A		120 V	1	M2C-36	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	---	---	
RH-9	RANGE HOOD	1:107		4.4 A		120 V	1	M2C-31	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	---	---	
SK-8	HARD-WIRED ELECTRONIC PLUMBING FIXTURE (SINK)	1:107		1 A		120 V	1	FN-52	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	PKG	---	---	---	7
SPC	SUMP PUMP CONTROLLER	0:001		2 A		120 V	1	M2C-24	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	PKG	---	---	---	6
UH-2	UNIT HEATER	1:100A		4.4 A		120 V	1	M2C-26	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
UH-5	UNIT HEATER	1:103C		4.4 A		120 V	1	M2C-28	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
UH-6	UNIT HEATER	1:100B		4.4 A		120 V	1	M2C-29	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
UH-13	UNIT HEATER	0:001		4.4 A		120 V	1	M2C-33	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
UH-14	UNIT HEATER	0:001		4.4 A		120 V	1	M2C-30	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	DDC	DIV 23 DIV 23 DIV 23	NFS	DIV 26 DIV 26 DIV 26	
VAV-158	VARIABLE AIR VOLUME UNIT	1:106		1 A		120 V	1	M2C-4	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	---	---	1
VAV-159	VARIABLE AIR VOLUME UNIT	1:106G		1 A		120 V	1	M2C-6	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	---	---	1
VAV-160	VARIABLE AIR VOLUME UNIT	1:106L		1 A		120 V	1	M2C-6	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	---	---	1
VAV-161	VARIABLE AIR VOLUME UNIT	1:106F		1 A		120 V	1	M2C-6	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	---	---	1
VAV-162	VARIABLE AIR VOLUME UNIT	1:106E		1 A		120 V	1	M2C-6	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	---	---	1
VAV-163	VARIABLE AIR VOLUME UNIT	1:106		1 A		120 V	1	M2C-4	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	---	---	1
VAV-164	VARIABLE AIR VOLUME UNIT	1:106		1 A		120 V	1	M2C-4	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	DDC	DIV 23 DIV 23 DIV 23	---	---	1
WC-2	HARD-WIRED ELECTRONIC PLUMBING FIXTURE (WATER CLOSET)	<varies>		1 A		120 V	1	P2F-20	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	PKG	---	---	---	7

GENERAL NOTES:

A. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE ON DRAWING E6.2 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
Mechanical Equipment Connection Schedule - Part 2

SCALE	PROJECT No:	SHEET No:
1 : 96	2020-127	E6.3

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