CULINARY ARTS & BAKING/PASTRY EQUIPMENT 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
KE-1	SS TABLE c/w SINK	1:106Q		10 A		120 V	1	P2F-17	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-4	22lbs. WASHER	1:106Q		10 A		120 V	1	P2F-15	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-15R RCPT	DIV 26 DIV 26 DIV 26	
KE-5	22lbs. DRYER	1:106Q		24 A		208 V	1	P2F-14,16	30A/2P	1 SET 21(3/4")C 3-#10R90 #12 BOND	---	---	---	---	14-30R RCPT	DIV 26 DIV 26 DIV 26	
KE-11	WALK-IN FREEZER c/w INSULATED FLOOR	1:106N		12 A		120 V	1	M2C-40	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2
KE-12	WALK-IN FREEZER EVAPORATOR COIL	1:106N		14 A		208 V	1	M2C-55,57	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	NFS	DIV 26 DIV 26 DIV 26	
KE-13	WALK-IN FREEZER CONDENSING UNIT			30 A		208 V	3	M2C-65,67,69	40A/3P	1 SET 21(3/4")C 3-#8R90 #10 BOND	PKG	---	PKG	---	NFS	DIV 26 DIV 26 DIV 26	
KE-15	WALK-IN COOLER	1:106M		12 A		120 V	1	M2C-17	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2
KE-16	WALK-IN COOLER EVAPORATOR COIL	1:106M		14 A		208 V	1	M2C-54,56	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	PKG	---	NFS	DIV 26 DIV 26 DIV 26	
KE-17	WALK-IN COOLER CONDENSING UNIT			30 A		208 V	3	M2C-59,61,63	40A/3P	1 SET 21(3/4")C 3-#8R90 #10 BOND	PKG	---	PKG	---	NFS	DIV 26 DIV 26 DIV 26	
KE-23	CONVEYOR DISHWASHER c/w HOT WATER BOOSTER	1:106F		55 A		208 V	3	CAB-1,3,5	70A/3P	1 SET 27(1")C 3-#4R90 #8 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	
KE-36A	SS HAND SINK c/w FAUCET	1:106G		10 A		120 V	1	CAA-61	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-36B	SS HAND SINK c/w FAUCET	1:106F		10 A		120 V	1	CAB-41	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-36C	SS HAND SINK c/w FAUCET	1:106		10 A		120 V	1	CAB-37	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-36D	SS HAND SINK c/w FAUCET	1:106		10 A		120 V	1	CAB-38	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-36E	SS HAND SINK c/w FAUCET	1:106G		10 A		120 V	1	CAA-53	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-44	EXHAUST CANOPY	1:106G		3 A		120 V	1	CAA-18	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	3
KE-46	FIRE SUPRESSION SYSTEM	1:106G		1 A		120 V	1	PK-26	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	4
KE-47	CONVECTION OVEN	1:106G		18 A		208 V	1	CAA-5,7	25A/2P	1 SET 21(3/4")C 2-#10R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	6
KE-51	TWIN 12gal. TILTING KETTLES	1:106G		55 A		208 V	3	CAA-19,21,23	70A/3P	1 SET 27(1")C 3-#4R90 #8 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	6
KE-53	40qt. MIXER	1:106G		10 A		208 V	1	CAA-47,49	15A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	
KE-55A	SS TABLE	1:106G		10 A		120 V	1	CAA-50	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-55B	SS TABLE	1:106G		10 A		120 V	1	CAA-50	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-55C	SS TABLE	1:106G		10 A		120 V	1	CAA-51	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-55D	SS TABLE	1:106G		10 A		120 V	1	CAA-51	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-61A	SS TABLE	1:106G		10 A		120 V	1	CAA-54	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-61B	SS TABLE	1:106G		10 A		120 V	1	CAA-54	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-62A	SS TABLE	1:106G		10 A		120 V	1	CAA-59	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-62B	SS TABLE	1:106G		10 A		120 V	1	CAA-59	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-64A	COUNTERTOP INDUCTION COOKTOP	1:106G		16 A		208 V	1	CAA-44,46	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	6-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-64B	COUNTERTOP INDUCTION COOKTOP	1:106G		16 A		208 V	1	CAA-43,45	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	6-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-64C	COUNTERTOP INDUCTION COOKTOP	1:106G		16 A		208 V	1	CAA-8,10	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	6-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-64D	COUNTERTOP INDUCTION COOKTOP	1:106G		16 A		208 V	1	CAA-9,11	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	6-20R RCPT	DIV 26 DIV 26 DIV 26	

CULINARY ARTS & BAKING/PASTRY EQUIPMENT 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
KE-65	WALK-IN COOLER	1:106G		12 A		120 V	1	M2C-38	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2
KE-66	WALK-IN COOLER EVAPORATOR COIL	1:106G		14 A		208 V	1	M2C-23,25	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	---	---	NFS	DIV 26 DIV 26 DIV 26	
KE-67	WALK-IN COOLER CONDENSING UNIT			30 A		208 V	3	M2C-62,64,66	40A/3P	1 SET 21(3/4")C 3-#8R90 #10 BOND	PKG	---	PKG	---	NFS	DIV 26 DIV 26 DIV 26	
KE-71	WALK-IN FREEZER c/w INSULATED FLOOR	1:106G		12 A		120 V	1	M2C-41	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	---	---	NFS	DIV 26 DIV 26 DIV 26	1,2
KE-72	WALK-IN FREEZER EVAPORATOR COIL	1:106G		14 A		208 V	1	M2C-58,60	20A/2P	1 SET 21(3/4")C 2-#12R90 #12 BOND	PKG	---	---	---	NFS	DIV 26 DIV 26 DIV 26	
KE-73	WALK-IN FREEZER CONDENSING UNIT			30 A		208 V	3	M2C-68,70,72	40A/3P	1 SET 21(3/4")C 3-#8R90 #10 BOND	PKG	---	PKG	---	NFS	DIV 26 DIV 26 DIV 26	
KE-75A	SS COUNTER c/w SINK	1:106G		10 A		120 V	1	CAA-48	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-75B	SS COUNTER c/w SINK	1:106G		10 A		120 V	1	CAA-48	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-75C	SS COUNTER c/w SINK	1:106G		10 A		120 V	1	CAA-52	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-82	80qt. MIXER	1:106G		12 A		208 V	3	CAA-12,14,16	15A/3P	1 SET 21(3/4")C 3-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	
KE-87A	SS HAND SINK c/w FAUCET	1:106		10 A		120 V	1	CAB-30	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-87B	SS HAND SINK c/w FAUCET	1:106		10 A		120 V	1	CAB-31	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-87C	SS HAND SINK c/w FAUCET	1:106		10 A		120 V	1	CAB-29	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-91A	SS TABLE	1:106		10 A		120 V	1	CAB-32	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-91B	SS TABLE	1:106		10 A		120 V	1	CAB-32	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-91C	SS TABLE	1:106		10 A		120 V	1	CAB-32	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	
KE-92A	SS PREPARATION TABLE c/w SINK	1:106		10 A		120 V	1	CAB-33	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	8
KE-92B	SS PREPARATION TABLE c/w SINK	1:106		10 A		120 V	1	CAB-33	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	8
KE-94A	SS PREPARATION TABLE c/w SINK	1:106		10 A		120 V	1	CAB-34	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	8
KE-94B	SS PREPARATION TABLE c/w SINK	1:106		10 A		120 V	1	CAB-34	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R GFI RCPT	DIV 26 DIV 26 DIV 26	8
KE-97	SS SERVICE WALL c/w SS SERVICE CHASE	1:106		10 A		120 V	1	CAB-40	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	7
KE-98A	EXHAUST CANOPY	1:106			300 W	120 V	1	CAB-15	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	3
KE-98B	EXHAUST CANOPY	1:106			300 W	120 V	1	CAB-14	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	3
KE-101	FIRE SUPRESSION SYSTEM	1:106		1 A		120 V	1	PK-24	15A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	NFS	DIV 26 DIV 26 DIV 26	4
KE-104A	SS PREPARATION TABLE	1:106		10 A		120 V	1	CAA-55	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-104B	SS PREPARATION TABLE	1:106		10 A		120 V	1	CAA-56	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-104C	SS PREPARATION TABLE	1:106		10 A		120 V	1	CAB-39	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-104D	SS PREPARATION TABLE	1:106		10 A		120 V	1	CAA-57	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-104E	SS PREPARATION TABLE	1:106		10 A		120 V	1	CAA-58	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	
KE-107A	SS SERVICE WALL c/w SS SERVICE CHASE	1:106		10 A		120 V	1	CAB-28	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	7
KE-107B	SS SERVICE WALL c/w SS SERVICE CHASE	1:106		10 A		120 V	1	CAB-27	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	7
KE-107C	SS SERVICE WALL c/w SS SERVICE CHASE	1:106		10 A		120 V	1	CAB-36	20A/1P	1 SET 21(3/4")C 2-#12R90 #12 BOND	---	---	---	---	5-20R RCPT	DIV 26 DIV 26 DIV 26	7

GENERAL NOTES:

A. REFER TO KITCHEN CONSULTANT 'K-' SERIES DRAWINGS AND SCHEDULES FOR FURTHER REQUIREMENTS AND DETAILS.
B. OBTAIN CUT SHEETS OF ALL PROPOSED EQUIPMENT, PRIOR TO ROUGH-IN OF ELECTRICAL SERVICES. FINAL CONNECTION TO EQUIPMENT SHALL BE FLEXIBLE, ADJUST CIRCUIT BREAKER AND WIRE SIZE AS REQUIRED WITHOUT ADDITIONAL COSTS TO THE PROJECT.
C. KITCHEN CONSULTANT SHALL VERIFY ALL MOUNTING HEIGHTS AND FINAL LOCATIONS OF ALL KITCHEN EQUIPMENT PRIOR TO ROUGH-IN.

NOTES:

1. INSTALL, WIRE AND CONNECT COOLER/FREEZER INTERIOR LIGHTS AS SUPPLIED BY KEC.
2. SERVICES SHALL BE LOCATED IN ACCESSIBLE LOCATION ABOVE COOLER/FREEZER.
3. INSTALL, WIRE AND CONNECT EXHAUST CANOPY LIGHTING. PROVIDE ADDITIONAL ON/OFF POWER PACK FOR EACH HOOD, AND CONNECT TO ROOM LIGHTING CONTROL SYSTEM.
4. WIRE AND CONNECT KITCHEN FIRE SUPPRESSION SYSTEM C/W CONTROL PANEL, GAS SHUT-OFF VALVE, AND MANUAL EMERGENCY STATIONS. CONNECT EACH HOOD TO THE FIRE ALARM SYSTEM AS A SEPARATE ALARM ZONE EACH. CIRCUIT BREAKER SHALL BE LABELLED WITH RED LAMACOID, AND SHALL BE LOCKABLE. REFER TO KITCHEN HOOD FIRE SUPPRESSION WIRING SCHEMATIC FOR FURTHER REQURIEMENTS.
5. PROVIDE EXTENSION RINGS AS REQUIRED TO ACCOMMODATE INSULATED STAINLESS STEEL WALL PANELS.
6. ELECTRICAL SERVICES TO ISLAND COOKING AREAS SHALL BE DROPPED DOWN WITHIN STAINLESS STEEL SERVICE CHASE OR STUBBED UP WITHIN STAINLESS STEEL CURBS/WALLS. INSTALL, WIRE AND CONNECT STAINLESS STEEL BOXES, DEVICES AND COVER PLATES AS SUPPLIED BY KEC.
7. ELECTRICAL SERVICES TO ISLAND PREPARATION AREAS SHALL BE STUBBED UP WITHIN STAINLESS STEEL CURBS/WALLS. INSTALL, WIRE AND CONNECT STAINLESS STEEL BOXES, DEVICES AND COVER PLATES AS SUPPLIED BY KEC.

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

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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
Culinary Arts & Baking/Pastry Equipment Connection Schedule - Part 1

SCALE	PROJECT No:	SHEET No:
1 : 96	2020-127	E6.5

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