

PANEL MOUNTING LOCATION	MA SURFACE ELEC 139B	VOLTAGE MAIN BUS 200A	120/208V-3PH-4W	REMARKS	C/W LOCKABLE DOOR
DESCRIPTION	BKR	CIRCUIT	BKR	DESCRIPTION	
MOTORIZED DAMPERS	15	1	2	15	MOTORIZED DAMPERS
EF-1	15	3	4	15	MOTORIZED DAMPERS
CF-1	15	5	6	15	MOTORIZED DAMPERS
CF-2	15	7	8	15	CF-4
CF-3	15	9	10	15	CF-5
EF-2	15	11	12	15	CF-6
EF-3	15	13	14	15	HRV-3
SP-2	15	15	16	15	HRV-3
P-1	15	17	18	80	FC-1
P-2	15	19	20		
MOTORIZED DAMPERS	15	21	22	45	FC-2
SPACE	-	23	24		
SPACE	-	25	26	15	AC/CU-6
SPACE	-	27	28		
SPACE	-	29	30	25	CU-3
SPACE	-	31	32		
SPACE	-	33	34	25	CU-4
SPACE	-	35	36		
SPACE	-	37	38		SPACE
SPACE	-	39	40		SPACE
SPACE	-	41	42		SPACE
SPACE	-	43	44		SPACE
SPACE	-	45	46		SPACE
SPACE	-	47	48		SPACE
SPACE	-	49	50		SPACE
SPACE	-	51	52	15	SPARE
SPACE	-	53	54	15	SPARE
SPACE	-	55	56	15	SPARE
SPACE	-	57	58	20	SPARE
SPACE	-	59	60	20	SPARE

PANEL MOUNTING LOCATION	MB SURFACE ELEC/IT 118	VOLTAGE MAIN BUS 400A	120/208V-3PH-4W	REMARKS	C/W LOCKABLE DOOR
DESCRIPTION	BKR	CIRCUIT	BKR	DESCRIPTION	
FC-1-1	15	1	2	15	MOTORIZED DAMPERS
FC-1-2	15	3	4	35	HRV-1
FC-1-3	15	5	6		
FC-1-3	15	7	8		
FC-1-3	15	9	10	35	HRV-2
FC-1-4	15	11	12		
FC-1-4	15	13	14		
FC-1-5	15	15	16	25	HU-1
FC-1-5	15	17	18		
FC-1-5	15	19	20	15	CP-1
FC-1-6	15	21	22	15	CONTROL PANEL
FC-2-1	25	23	24	15	BRANCH CIRCUIT CONTROLLER
FC-2-1	25	25	26	15	BRANCH CIRCUIT CONTROLLER
FC-2-2	25	27	28	15	ACCU-1
FC-2-2	25	29	30		
FC-2-2	25	31	32		
FC-2-3	15	33	34	15	ACCU-2
FC-2-3	15	35	36		
FC-2-4	15	37	38		
FC-2-5	15	39	40	110	HP-1
FC-2-5	15	41	42		
FC-2-5	15	43	44		
FC-2-6	15	45	46	90	HP-2A
FC-2-6	15	47	48		
FC-2-7	15	49	50		
FC-2-7	15	51	52	90	HP-2B
SPACE	-	53	54		
SPACE	-	55	56		
SPACE	-	57	58	30	AC/CU-5
SPACE	-	59	60		
SPACE	-	61	62		SPACE
SPACE	-	63	64		SPACE
SPACE	-	65	66		SPACE
SPACE	-	67	68		SPACE
SPACE	-	69	70		SPACE
SPACE	-	71	72		SPACE
SPACE	-	73	74		SPACE
SPACE	-	75	76		SPACE
SPACE	-	77	78	15	SPARE
SPACE	-	79	80	15	SPARE
SPACE	-	81	82	20	SPARE
SPACE	-	83	84	20	SPARE

PANEL MOUNTING LOCATION	P100 SURFACE ELEC 139B	VOLTAGE MAIN BUS 400A	347/600-3PH-4W	REMARKS	C/W LOCKABLE DOOR
DESCRIPTION	BKR	CIRCUIT	BKR	DESCRIPTION	
UH-1	25	1	2	15	BASEBOARD HEATERS
	3	3	4	15	PHC-2
	5	5	6	20	PHC-3
MUA-1	50	7	8	45	HRV-5
	9	9	10		
	11	11	12		
UH-2	25	13	14	60	AH-1
	15	15	16		
	17	17	18		
AH-3	25	19	20	-	SPACE
	21	21	22	-	SPACE
	23	23	24	-	SPACE
CU-1	15	25	26	-	SPACE
	27	27	28	-	SPACE
	29	29	30	-	SPACE
CU-2	60	31	32	-	SPACE
	33	33	34	-	SPACE
	35	35	36	-	SPACE
HWT-2	15	37	38	15	SPACE
	39	39	40	15	SPACE
	41	41	42	20	SPACE

PANEL MOUNTING LOCATION	P200 SURFACE ELEC/IT 118	VOLTAGE MAIN BUS 200A	347/600V-3PH-4W	REMARKS	C/W LOCKABLE DOOR
DESCRIPTION	BKR	CIRCUIT	BKR	DESCRIPTION	
FF-6	25	1	2	35	HWT-1
BASEBOARD HEATERS	15	3	4		
BASEBOARD HEATERS	15	5	6		
BASEBOARD HEATERS	15	7	8	15	BASEBOARD HEATER
BASEBOARD HEATERS	15	9	10	15	BASEBOARD HEATER
HC-1-1	15	11	12	15	BASEBOARD HEATER
HC-1-2	15	13	14		SPACE
HC-1-3	25	15	16		SPACE
HC-1-4	15	17	18		SPACE
HC-1-5	15	19	20		SPACE
HC-1-6	20	21	22		SPACE
HC-2-1	35	23	24		SPACE
HC-2-2	20	25	26		SPACE
HC-2-3	15	27	28		SPACE
HC-2-4	15	29	30		SPACE
HC-2-5	20	31	32		SPACE
HC-2-6	15	33	34		SPACE
HC-2-7	15	35	36		SPACE
BASEBOARD HEATER	15	37	38	15	SPARE
FF-4	15	39	40	15	SPARE
FF-6	25	41	42	20	SPARE

SPECIFIC ELECTRICAL NOTES

- ① LINE VOLTAGE RELAY TO LOCK OUT HEATING WHEN ASSOCIATED HEATING COIL IS NOT CALLING FOR HEATING OR FAN COIL IS CALLING FOR COOLING. REFER TO MECHANICAL FOR CONTROLS DETAILS.
- ② LINE VOLTAGE RELAY TO LOCK OUT HEATING WHEN CONDENSING UNIT IS CALLING FOR COOLING. REFER TO MECHANICAL FOR CONTROLS DETAILS.
- ③ CURRENT SENSING RELAY TO PROVIDE SIGNAL FROM HEATING COIL TO LOCK OUT BASEBOARD HEATING WHEN SYSTEM IS IN COOLING OR DOES NOT REQUIRE SUPPLEMENTAL HEATING.
- ④ CURRENT SENSING RELAY TO PROVIDE SIGNAL FROM CONDENSING UNIT TO LOCK OUT BASEBOARD HEATING WHEN SYSTEM IS IN COOLING.

NOVA 3 ENGINEERING LTD. PROFESSIONAL ENGINEERS

201-120 FORT STREET TEL: (204) 943-6142 WINNIPEG, MANITOBA R3C 1C7 FAX: (204) 942-1276 WWW.NOVA3.CA JN: 41-193E

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R1	ADDENDUM #1	AM	2025.01.31
No.	REVISION/DESCRIPTION	BY	DATE

SEAL

DRAWN	CHECKED	DESIGNED	APPROVED
DATE 2025.01.31	USER APPROVAL		

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

PROJECT REDEVELOPMENT OF THE OLD EXHIBITION ARENA

80 SINCLAIR STREET SHEET TITLE

ELECTRICAL PANEL SCHEDULES

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2020-136	E7.2