DISTRIBUTION SCHEDULE

EXISTING PANEL NAME	NEW PANEL NAME	DESCRIPTION	VOLTAGE	BUS	PH.	WIRES	LOCATION	FEEDERS	FED FROM	NOTES
E-1	6DPU6-E	DISTRIBUTION PANEL	600V	600A	3Ø	3W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
N-1	6DPU6-N	DISTRIBUTION PANEL	600V	600A	3Ø	3W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
E-2	2DPU6-E	DISTRIBUTION PANEL	208V	600A	3Ø	3W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
N-2	2DPU6-N	DISTRIBUTION PANEL	208V	600A	3Ø	3W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
EA	2PPU6-E1	PANELBOARD(DOUBLE TUB)	208V	225A	3Ø	4W	UNIT 6 TOWER ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
EB	2PPU6-E2	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
EC	2PPU6-E3	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
ED	2PPU6-E4	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
EE	2PPU6-E5	PANELBOARD	208V	100A	1Ø	3W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
EF	2PPU6-E6	PANELBOARD	208V	100A	3Ø	4W	UNIT 6 TOWER ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
EG	2PPU6-E7	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 TOWER ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
EH	2PPU6-E8	PANELBOARD	208V	100A	3Ø	4W	UNIT 6 TOWER ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
EK	2PPU6-E9	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 ABOVE MCC ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
EH	2PPU6-E10	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
NA	2PPU6-N1	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 TOWER ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
NB	2PPU6-N2	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 TOWER ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
NC	2PPU6-N3	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 TOWER ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
ND	2PPU6-N4	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 TOWER ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
NE	2PPU6-N5	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 TOWER ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
NF	2PPU6-N6	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
NG	2PPU6-N7	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
NJ	2PPU6-N8	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 ELECTRICAL ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
NK	2PPU6-N9	PANELBOARD	208V	225A	3Ø	4W	UNIT 6 ABOVE MCC ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
N1A	2PPU6-N10	PANELBOARD	600V	225A	3Ø	4W	UNIT 6 ABOVE MCC ROOM	EXISTING TO REMAIN		REPLACE ALL CIRCUIT BREAKERS IN EXISTING PANEL
CDP-1	6DPC24-E1	DISTRIBUTION PANEL	600V	225A	3Ø	4W	C24 MAIN ELECTRICAL ROOM	EXISTING TO REMAIN	C13 LOAD CENTER	NEW EQUIPMENT

ELECTRICAL EQUIPMENT SCHEDULE

NEW PANEL NAME	EXISTING PANEL NAME	DESCRIPTION	KVA	VOLTAGE	RATING	PH.	WIRES	LOCATION	FEEDERS	FED FROM	NOTES
6MCCU6-E1	MCC1	MOTOR CONTROL CENTER		600V	600A	3Ø	3W	UNIT 6 MECHANICAL ROOM	3#2, 1#6GND-40C	6DPU6-E1	NEW EQUIPMENT TO REPLACE EXISTING
6MCCU6-N1	MCC2	MOTOR CONTROL CENTER		600V	600A	3Ø	3W	UNIT 6 MECHANICAL ROOM	3#2, 1#6GND-40C	6DPU6-N1	NEW EQUIPMENT TO REPLACE EXISTING
TXU6-E1		TRANSFORMER	150	600V- 120/208V		3Ø	4W	UNIT 6	EXISTING	EXISTING	NEW EQUIPMENT TO REPLACE EXISTING
TXU6-N1		TRANSFORMER	150	600V- 120/208V		3Ø	4W	UNIT 6	EXISTING	EXISTING	NEW EQUIPMENT TO REPLACE EXISTING

MOTOR CONTROL SCHEDULE(6MCCU6–E1)

MOTOR No	DESCRIPTION	WATTS/HP	VOLTS, PH	FLA	BREAKER	FEEDER	CIRCUIT	STARTER	DISCON.	REMARKS	MOTOR No
AH-1	AIR HANDLING UNIT	3HP	600V 3PH	3.9A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 0		NOTE 1	AHU-1
AH-2	AIR HANDLING UNIT	3HP	600V 3PH	3.9A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 0		NOTE 1	AHU-2
AH-3	AIR HANDLING UNIT	2HP	600V 3PH	2.7 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 00		NOTE 1	AHU-3
AH-4	AIR HANDLING UNIT	1HP	600V 3PH	1.7 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 00		NOTE 1	AHU-4
RAF-1	RETURN AIR FAN	1HP	600V 3PH	1.4A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 00		NOTE 1	RAF-1
RAF-2	RETURN AIR FAN	1HP	600V 3PH	1.4 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 00		NOTE 1	RAF-2
RAF-3	RETURN AIR FAN	5HP	600V 3PH	6.6A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 0		NOTE 1	RAF-3
RAF-4	RETURN AIR FAN	1/2HP	600V 3PH	0.9A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 00		NOTE 1	RAF-4
C-1	AIR COMPRESSOR	2HP	600V 3PH	0.8A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1				C-1
C-2	AIR COMPRESSOR	2HP	600V 3PH	0.8A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1				C-2
P-11	PUMP	10HP	600V 3PH	11 A	25.3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 1		NOTE 1	P-11
P-12	PUMP	10HP	600V 3PH	11A	25.3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 1		NOTE 1	P-12
SPARE			600V 3PH		15A3P		6MCCU6-E1				SPARE
SPARE			600V 3PH		15A3P		6MCCU6-E1				SPARE
P3	HYDRONIC PUMP	1/2HP	600V 3PH	0.9 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 00		NOTE 1	P3
P4	HYDRONIC PUMP	1/2HP	600V 3PH	0.9 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 00		NOTE 1	P4
P1	HYDRONIC PUMP	1HP	600V 3PH	1.7 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 00		NOTE 1	P1
P2	HYDRONIC PUMP	1HP	600V 3PH	1.7 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-E1	NEMA SIZE 00		NOTE 1	P2
SPARE			600V 3PH		15A3P		6MCCU6-E1				SPARE
SPARE			600V 3PH		15A3P		6MCCU6-E1				SPARE
PR-2			600V 3PH	10 A	25A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 1		NOTE 1	PR-2
PR-1			600V 3PH	6.6 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 0		NOTE 1	PR-1

MOTOR CONTROL SCHEDULE(6MCCU6–N1)

MOTOR No	DESCRIPTION	WATTS/HP	VOLTS, PH	FLA	BREAKER	FEEDER	CIRCUIT	STARTER	DISCON.	REMARKS	MOTOR No
	MAIN DISCONNECT		600V 3PH		100A3P	4#3,1#6GND-40C EXISTING TO REMAIN	6MCCU6-N1			NOTE 1	
RAF-5	RETURN AIR FAN	1/2HP	600V 3PH	1.4 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	RAF-5
RAF-6	RETURN AIR FAN	1 1/2HP	600V 3PH	2.4 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	RAF-6
AH-5	AIR HANDLER	10HP	600V 3PH	12 A	25A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 1		NOTE 1	AH-5
AH-6	AIR HANDLER	3HP	600V 3PH	3.9 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 1		NOTE 1	AH-6
AH-7	AIR HANDLER	1 1/2HP	600V 3PH	2.1A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	AH-7
AH-8	AIR HANDLER	1 1/2HP	600V 3PH	2.1A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	AH-8
VF-1	TUNNEL VENT FAN	1/2HP	600V 3PH	0.8A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	VF-1
AC-1	CONDENSING UNIT	51/2HP	600V 3PH	8.5A	20A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	MANUFACTURER		NOTE 1	AC-1
AC-2	CONDENSING UNIT	131/2HP	600V 3PH	18.85A	40A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	MANUFACTURER		NOTE 1	AC-2
EF-7	EXHAUST FAN	1/2HP	600V 3PH	0.8A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	EF-7
EF-8	EXHAUST FAN	1/2HP	600V 3PH	0.8A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	EF-8
EF-9	EXHAUST FAN	1/2HP	600V 3PH	0.8A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	EF-9
EF-10	EXHAUST FAN	1/2HP	600V 3PH	0.8A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	EF-10
EF-11	EXHAUST FAN	1/2HP	600V 3PH	0.8A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	EF-11
RAF 7	RETURN AIR FAN	3/4HP	600V 3PH	1.4 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	RAF 7
EF-26	EXHAUST FAN	3/4HP	600V 3PH	1.4 A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	EF-26
EF-28	EXHAUST FAN	1/2HP	600V 3PH	0.8A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00		NOTE 1	EF-28
	WELDER				30A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1				
SPARE					15A3P						
RAF 8	RETURN AIR FAN	1 1/2HP	600V 3PH	2.4A	15A3P	3#12,1#12GND-19C EXISTING TO REMAIN	6MCCU6-N1	NEMA SIZE 00			RAF 8
	SPACE									7 DAY TIMER CONTROL	

NOTES

1. ELECTRICAL CONTRACTOR TO COORDINATE WITH OWNER TO CONFIRM MOTOR SIZE RATING ON SITE PRIOR TO SUPPLY OF NEW MCC EQUIPMENT

161-11133-00

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Number C0868
Permission to Consult held by:
Discipline: ELECT Sk. Reg. No. 5369 Signature

Revision/Revision	Description/Description	Date/Date
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Client/client
CORRECTIONAL SERVICE CANADA

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Designed by/Concept par: WSM
Drawn by/Dessine par: WSM
PWGSC Project Manager/Administrateur de Projets TPSGC
PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'Ingénierie, TPSGC
Client/client: CORRECTIONAL SERVICE CANADA
Drawing title/Titre du dessin
PACKAGE 4 - INSIDE THE WALLS (UNIT 6 & 7)
ELECTRICAL SCHEDULES

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Revision no./La Révision no.: 1

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