



PANEL PNL-A3 SCHEDULE												
LOCATION: TUNNELS			VOLTAGE: 208/120 V			PHASE: 3			WIRE: 4			
MOUNTING: Wall			BUS RATING: 225 A									
INCOMING LUGS:			MAIN BREAKER: 150 A									
MANUFACTURER:			FEEDER: RADIAL FEEDER									
CCT No.	DESCRIPTION	POWER (kW)	BKR AMPS	A	B	C	BKR AMPS	POWER (kW)	DESCRIPTION	CCT No.		
1	AHU-15	1.6	35	A			25	1.1	F-43	2		
3	P-226A	1.1	25		B		25	1.1	F-42	4		
5	P-226B	1.1	25			C	15	0.7	P-227A	6		
7	SPARE		15	A			15	0.5	P-227B	8		
9	EF-LA	1.1	25		B		15		BMS CONTROL PANEL FOR AHU-13B	10		
11	EF-LB	1.1	25			C	15		BMS CONTROL PANEL AB BLOCK TUNNEL	12		
13	SMOKE DAMPERS BLOCKS A&B UPPER		15	A			15		SPARE	14		
15	SMOKE DAMPERS BLOCKS A&B LOWER		15		B		15		SPARE	16		
17						C				18		
19				A						20		
21					B					22		
23						C				24		
25				A						26		
27					B					28		
29						C				30		
31				A						32		
33					B					34		
35						C				36		
37				A						38		
39					B					40		
41						C				42		
SUBTOTALS:		1.6	2.3	2.3				1.6	1.1	0.7		

NOTES:

PHASE A TOTAL -	3.2	kW
PHASE B TOTAL -	3.4	kW
PHASE C TOTAL -	2.9	kW
PANEL LOAD TOTAL -	9.5	kW

PANEL PNL-C3 SCHEDULE												
LOCATION: TUNNELS			VOLTAGE: 208/120 V			PHASE: 3			WIRE: 4			
MOUNTING: Wall			BUS RATING: 225 A									
INCOMING LUGS:			MAIN BREAKER: 150 A									
MANUFACTURER:			FEEDER: RADIAL FEEDER									
CCT No.	DESCRIPTION	POWER (kW)	BKR AMPS	A	B	C	BKR AMPS	POWER (kW)	DESCRIPTION	CCT No.		
1	AHU-12	1.6	35	A			25	1.1	F-36	2		
3	P-224A	1.1	25		B		25	1.1	F-35	4		
5	P-224B	1.1	25			C	15	0.7	P-225A	6		
7	SPARE		15	A			15	0.5	P-225B	8		
9	EF-LC	1.1	25		B		15		BMS CONTROL PANEL FOR AHU-10D	10		
11	EF-LD	1.1	25			C	15		BMS CONTROL PANEL CD BLOCK TUNNEL	12		
13	SMOKE DAMPERS BLOCKS C&D UPPER		15	A			15		SPARE	14		
15	SMOKE DAMPERS BLOCKS C&D LOWER		15		B		15		SPARE	16		
17						C				18		
19				A						20		
21					B					22		
23						C				24		
25				A						26		
27					B					28		
29						C				30		
31				A						32		
33					B					34		
35						C				36		
37				A						38		
39					B					40		
41						C				42		
SUBTOTALS:		1.6	2.3	2.3				1.6	1.1	0.7		

NOTES:

PHASE A TOTAL -	3.2	kW
PHASE B TOTAL -	3.4	kW
PHASE C TOTAL -	2.9	kW
PANEL LOAD TOTAL -	9.5	kW

PANEL PNL-E3 SCHEDULE												
LOCATION: TUNNELS			VOLTAGE: 208/120 V			PHASE: 3			WIRE: 4			
MOUNTING: Wall			BUS RATING: 225 A									
INCOMING LUGS:			MAIN BREAKER: 150 A									
MANUFACTURER:			FEEDER: RADIAL FEEDER									
CCT No.	DESCRIPTION	POWER (kW)	BKR AMPS	A	B	C	BKR AMPS	POWER (kW)	DESCRIPTION	CCT No.		
1	AHU-6	1.6	35	A			25	1.1	F-21	2		
3	P-213A	1.1	25		B		25	1.1	F-22	4		
5	P-213B	1.1	25			C	15	0.7	P-214A	6		
7	SPARE		15	A			15	0.5	P-214B	8		
9	EF-LF	1.1	25		B		15		BMS CONTROL PANEL FOR AHU-4E	10		
11	EF-LE	1.1	25			C	15		BMS CONTROL PANEL EF BLOCK TUNNEL	12		
13	SMOKE DAMPERS BLOCKS E&F UPPER		15	A			15		SPARE	14		
15	SMOKE DAMPERS BLOCKS E&F LOWER		15		B		15		SPARE	16		
17						C				18		
19				A						20		
21					B					22		
23						C				24		
25				A						26		
27					B					28		
29						C				30		
31				A						32		
33					B					34		
35						C				36		
37				A						38		
39					B					40		
41						C				42		
SUBTOTALS:		1.6	2.3	2.3				1.6	1.1	0.7		

NOTES:

PHASE A TOTAL -	3.2	kW
PHASE B TOTAL -	3.4	kW
PHASE C TOTAL -	2.9	kW
PANEL LOAD TOTAL -	9.5	kW

PANEL PNL-G3 SCHEDULE												
LOCATION: TUNNELS			VOLTAGE: 208/120 V			PHASE: 3			WIRE: 4			
MOUNTING: Wall			BUS RATING: 225 A									
INCOMING LUGS:			MAIN BREAKER: 150 A									
MANUFACTURER:			FEEDER: RADIAL FEEDER									
CCT No.	DESCRIPTION	POWER (kW)	BKR AMPS	A	B	C	BKR AMPS	POWER (kW)	DESCRIPTION	CCT No.		
1	AHU-9	1.6	35	A			25	1.1	F-29	2		
3	P-215A	1.1	25		B		25	1.1	F-28	4		
5	P-215B	1.1	25			C	15	0.7	P-216A	6		
7	SPARE		15	A			15	0.5	P-216B	8		
9	EF-LH	1.1	25		B		15		BMS CONTROL PANEL FOR AHU-7G	10		
11	EF-LG	1.1	25			C	15		BMS CONTROL PANEL GH BLOCK TUNNEL	12		
13	SMOKE DAMPERS BLOCKS G&H UPPER		15	A			15		SPARE	14		
15	SMOKE DAMPERS BLOCKS G&H LOWER		15		B		15		SPARE	16		
17						C				18		
19				A						20		
21					B					22		
23						C				24		
25				A						26		
27					B					28		
29						C				30		
31				A						32		
33					B					34		
35						C				36		
37				A						38		
39					B					40		
41						C				42		
SUBTOTALS:		1.6	2.3	2.3				1.6	1.1	0.7		

NOTES:

PHASE A TOTAL -	3.2	kW
PHASE B TOTAL -	3.4	kW
PHASE C TOTAL -	2.9	kW
PANEL LOAD TOTAL -	9.5	kW

Revision/	Description/Description	Date/Date
0	ISSUED FOR TENDER	2017.08.16

PUBLIC WORKS & GOVERNMENT SERVICES CANADA

EDMONTON MAXIMUM SECURITY INSTITUTION

Approved by/Approve par
JM

Designed by/Concept par
JS/KD

Drawn by/Dessine par
RJN

PWSC Project Manager/Administrateur de Projets TPSGC
ANDREW GILLESSE

PWSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'Ingénierie, TPSGC

Client/client
PUBLIC WORKS & GOVERNMENT SERVICES CANADA

Drawing title/Titre du dessin

**DISTRIBUTION PANEL SCHEDULES
PANELS A3, C3, E3, AND G3**

Project No./No. du projet
R.078013.001

Sheet/Feuille
E22

Revision no./La Révision no.
0

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