PANEL NAME: `2A1' (EXISTING)

225 AMP MAINS, 120/208V, 4W, 3Ø, 10k I.C.
ADD NEW ISOLATED GROUND BUS

CIRCUITS IDENTIFIED ARE FOR INFORMATION ONLY. CONNECT CIRCUITS TO SPACES IN EXISTING PANEL.

ISOLATED GROUND CIRCUITS - 64 to 74

DESCRIPTION	kVA LOAD ØA	ØB	ØC	BRK SIZE		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION	DESCRIPTION	BRK SIZE	kVA LOAD ØA	ØB	ØC		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION
RECEPT. (6)	0.9			15	1	15	0.9			RECEPT. (6)	EXISTING	15				43	64	15			EXISTING
RECEPT. (5)		0.8		15	2	15		0.9		RECEPT. (6)		15				44	65	15			
			**	15	3	15			0.9	RECEPT. (6)		15				45	66	15			
RECEPT. (6)	0.9			15	4	15	0.45			RECEPT. (3)		15				46	67	15			
RECEPT. (6)		0.9		15	5	15		0.9		RECEPT. (6)		15				47	68	15			
			**	15	6	15			0.45	RECEPT. (3)		15				48	69	15			
RECEPT. (6)	0.9			15	7	15	0.9			RECEPT. (6)		15				49	70	15			
		**		15	8	15		0.9		RECEPT. (6)		15				50	71	15			
			**	15	9	15						15				51	72	15			
RECEPT. (6)	0.9			15	10	15	0.9			RECEPT. (6)		15				52	73	15			
RECEPT. (6)		0.9		15	11	15		0.9		RECEPT. (6)		15				53	74	15			
RECEPT. (6)			0.9	15	12	15			0.45	RECEPT. (3)		15				54	75	15			
RECEPT. (6)	0.9			15	13	15	0.9			RECEPT. (6)		15				55	76	15			
RECEPT. (6)		0.9		15	14	15		0.9		RECEPT. (6)		15				56	77	15			
RECEPT. (3)			0.3	15	15	15			0.9	RECEPT. (6)		15				57	78	15			
RECEPT. (6)	0.45			15	16	15	0.9			RECEPT. (6)		15				58	79	15			
				15	17	15		0.9		RECEPT. (6)		15				59	80	15			
				15	18	15						15				60	81	15			
				15	19	15						15				61	82	15			
				15	20	15						15				62	83	15			
				15	21	15						15				63	84	15			

PANEL NAME: `2A2' (EXISTING)

225 AMP MAINS, 120/208V, 4W, 3Ø, 10k I.C.
ADD NEW ISOLATED GROUND BUS

CIRCUITS IDENTIFIED ARE FOR INFORMATION ONLY. CONNECT CIRCUITS TO SPACES IN EXISTING PANEL.

ISOLATED GROUND CIRCUITS - 64 to 74

DESCRIPTION	kVA LOAD ØA	ØB	ØC	BRK SIZE		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION	DESCRIPTION	BRK SIZE	kVA LOAD ØA	ØB	ØC		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION
RECEPT. (6)	0.9			15	1	22	15	**			EXISTING	15				43	64	15			EXISTING
RECEPT. (6)		0.9		15	2	23	15		**			15				44	65	15			
RECEPT. (2)			0.3	15	3	24	15			0.03	RECEPT. (1)	15				45	66	15			
RECEPT. (1)	0.03			15	4	25	15	0.3			RECEPT. (2)	15				46	67	15			
RECEPT. (1)		0.03		15	5	26	15		0.3		RECEPT. (2)	15				47	68	15			
RECEPT. (6)			0.9	15	6	27	15			0.45	RECEPT. (3)	15				48	69	15			
RECEPT. (6)	0.9			15	7	28	15					15				49	70	15			
RECEPT. (3)		0.45		15	8	29	15	0.3			RECEPT. (2)	15				50	71	15			
			**	15	9	30	15			0.45	RECEPT. (3)	15				51	72	15			
RECEPT. (3)	0.45			15	10	31	15			0.3	RECEPT. (2)	15				52	73	15			
RECEPT. (3)		0.45		15	11	32	15	0.03			RECEPT. (1)	15				53	74	15			
RECEPT. (3)			0.45	15	12	33	15					15				54	75	15			
RECEPT. (4)	0.6			15	13	34	15			0.6	RECEPT. (4)	15				55	76	15			
RECEPT. (3)		0.45		15	14	35	15	0.3			RECEPT. (2)	15				56	77	15			
RECEPT. (3)			0.45	15	15	36	15		0.03		RECEPT. (1)	15				57	78	15			
RECEPT. (3)	0.45			15	16	37	15			0.9	RECEPT. (6)	15				58	79	15			
RECEPT. (3)		0.45		15	17	38	15					15				59	80	15			
				15	18	39	15		0.03		RECEPT. (1)	15				60	81	15			
				15	19	40	15					15				61	82	15			
				15	20	41	15	0.3			RECEPT. (2)	15				62	83	15			
				15	21	42	15					15				63	84	15			

PANEL NAME: `2A3' (EXISTING)

225 AMP MAINS, 120/208V, 4W, 3Ø, 10k I.C.
ADD NEW ISOLATED GROUND BUS

CIRCUITS IDENTIFIED ARE FOR INFORMATION ONLY. CONNECT CIRCUITS TO SPACES IN EXISTING PANEL.

ISOLATED GROUND CIRCUITS - 64 to 74

DESCRIPTION	kVA LOAD ØA	ØB	ØC	BRK SIZE		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION	DESCRIPTION	BRK SIZE	kVA LOAD ØA	ØB	ØC		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION
RECEPT. (3)	0.45			15	1	22	15	0.9		RECEPT. (6)	EXISTING	15				43	64	15			EXISTING
RECEPT. (6)		0.9		15	2	23	15		0.9	RECEPT. (6)		15				44	65	15			
RECEPT. (1)			0.03	15	3	24	15			**		15				45	66	15			
RECEPT. (2)	0.3			15	4	25	15					15				46	67	15			
RECEPT. (2)		0.3		15	5	26	15					15				47	68	15			
RECEPT. (1)			0.03	15	6	27	15					15				48	69	15	0.3		RECEPT. (2)
RECEPT. (3)	0.45			15	7	28	15					15				49	70	15		0.03	RECEPT. (1)
RECEPT. (1)		0.03		15	8	29	15					15				50	71	15			EXISTING
RECEPT. (1)			0.03	15	9	30	15					15				51	72	15			
RECEPT. (6)	0.9			15	10	31	15					15				52	73	15			
				15	11	32	15					15				53	74	15			
				15	12	33	15					15				54	75	15			
				15	13	34	15					15				55	76	15			
				15	14	35	15					15				56	77	15			
				15	15	36	15					15				57	78	15			
RECEPT. (2)	0.3			15	16	37	15	0.9			RECEPT. (6)	15				58	79	15			
RECEPT. (4)		0.6		15	17	38	15					15				59	80	15			
				15	18	39	15					15				60	81	15			
				15	19	40	15					15				61	82	15			
				15	20	41	15			0.9	RECEPT. (6)	15				62	83	15			
				15	21	42	15			0.9	RECEPT. (6)	15				63	84	15			

PANEL NAME: `MB1' (EXISTING)

225 AMP MAINS, 120/208V, 4W, 3Ø, 10k I.C.
ADD NEW ISOLATED GROUND BUS

CIRCUITS IDENTIFIED ARE FOR INFORMATION ONLY. CONNECT CIRCUITS TO SPACES IN EXISTING PANEL.

ISOLATED GROUND CIRCUITS - 64 to 74

DESCRIPTION	kVA LOAD ØA	ØB	ØC	BRK SIZE		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION	DESCRIPTION	BRK SIZE	kVA LOAD ØA	ØB	ØC		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION
RECEPT. (6)	0.9			15	1	22	15	0.9		RECEPT. (6)	EXISTING	15				43	64	15			EXISTING
RECEPT. (12)		1.8		15	2	23	15		0.9	RECEPT. (6)		15				44	65	15			
RECEPT. (12)			1.8	15	3	24	15			0.9	RECEPT. (6)	15				45	66	15			
RECEPT. (6)	0.9			15	4	25	15					15				46	67	15			
RECEPT. (6)		0.9		15	5	26	15					15				47	68	15			
RECEPT. (6)			0.9	15	6	27	15					15				48	69	15			
RECEPT. (9)	1.35			15	7	28	15		0.9		RECEPT. (6)	15				49	70	15			
RECEPT. (7)		1.05		15	8	29	15			0.9	RECEPT. (6)	15				50	71	15			
RECEPT. (1)			0.03	15	9	30	15	0.45			RECEPT. (3)	15				51	72	15			
RECEPT. (9)	1.35			15	10	31	15		0.9		RECEPT. (6)	15				52	73	15			
RECEPT. (12)		1.8		15	11	32	15			0.9	RECEPT. (6)	15				53	74	15			
RECEPT. (6)			0.9	15	12	33	15					15				54	75	15			
RECEPT. (6)	0.9			15	13	34	15		0.9		RECEPT. (6)	15				55	76	15			
RECEPT. (6)		0.9		15	14	35	15			0.9	RECEPT. (6)	15				56	77	15			
RECEPT. (4)			0.6	15	15	36	15					15				57	78	15			
				15	16	37	15					15				58	79	15			
RECEPT. (3)		0.45		15	17	38	15					15				59	80	15			
				15	18	39	15	0.45			RECEPT. (3)	15				60	81	15			
				15	19	40	15		0.03		RECEPT. (1)	15				61	82	15			
				15	20	41	15					15				62	83	15			
RECEPT. (6)			0.9	15	21	42	15					15				63	84	15			

PANEL NAME: `MB2' (EXISTING)

225 AMP MAINS, 120/208V, 4W, 3Ø, 10k I.C.
ADD NEW ISOLATED GROUND BUS

CIRCUITS IDENTIFIED ARE FOR INFORMATION ONLY. CONNECT CIRCUITS TO SPACES IN EXISTING PANEL.

ISOLATED GROUND CIRCUITS - 64 to 74

DESCRIPTION	kVA LOAD ØA	ØB	ØC	BRK SIZE		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION	DESCRIPTION	BRK SIZE	kVA LOAD ØA	ØB	ØC		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION
RECEPT. (3)	0.45			15	1	22	15	0.6		RECEPT. (4)	RECEPT. (2)	0.3				43	64	15			EXISTING
RECEPT. (7)		1.05		15	2	23	15		**		RECEPT. (1)					44	65	15			
RECEPT. (2)			0.3	15	3	24	15			**	RECEPT. (3)					45	66	15			
RECEPT. (2)	0.3			15	4	25	15	0.9			RECEPT. (6)					46	67	15			
RECEPT. (4)		0.6		15	5	26	15		0.9		RECEPT. (6)					47	68	15			
			**	15	6	27	15			0.9	RECEPT. (6)					48	69	15			
		**		15	7	28	15	0.9			RECEPT. (6)					49	70	15			
			**	15	8	29	15		0.9		RECEPT. (6)					50	71	15			
		**		15	9	30	15	0.9								51	72	15			
			**	15	10	31	15				RECEPT. (6)	RECEPT. (1)	0.03			52	73	15			
RECEPT. (3)		0.45		15	11	32	15			0.45	RECEPT. (3)					53	74	15			
RECEPT. (6)	0.9			15	13	34	15	0.9			RECEPT. (6)					55	76	15			
				15	14	35	15		0.9		RECEPT. (6)					56	77	15			
				15	15	36	15			0.03	RECEPT. (1)					57	78	15			
				15	16	37	15									58	79	15			
				15	17	38	15									59	80	15			
				15	18	39	15									60	81	15			
				15	19	40	15									61	82	15			
				15	20	41	15									62	83	15			
RECEPT. (4)		0.6		15	21	42	15			0.3	RECEPT. (2)					63	84	15			

PANEL NAME: `MB3' (EXISTING)

225 AMP MAINS, 120/208V, 4W, 3Ø, 10k I.C.
ADD NEW ISOLATED GROUND BUS

CIRCUITS IDENTIFIED ARE FOR INFORMATION ONLY. CONNECT CIRCUITS TO SPACES IN EXISTING PANEL.

ISOLATED GROUND CIRCUITS - 64 to 74

DESCRIPTION	kVA LOAD ØA	ØB	ØC	BRK SIZE		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION	DESCRIPTION	BRK SIZE	kVA LOAD ØA	ØB	ØC		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION
	**			15	1	22	15	**			EXISTING	15				43	64	15			EXISTING
		**		15	2	23	15		**			15				44	65	15			
			**	15	3	24	15			**		15				45	66	15			
RECEPT. (2)	0.3			15	4	25	15	0.03			RECEPT. (1)	15				46	67	15			
RECEPT. (1)		0.03		15	5	26	15		0.03		RECEPT. (1)	15				47	68	15			
			**	15	6	27	15			0.45	RECEPT. (3)	15				48	69	15			
RECEPT. (1)	0.03			15	7	28	15					15				49	70	15			
RECEPT. (1)		0.03		15	8	29	15					15				50	71	15			
RECEPT. (4)			0.6	15	9	30	15					15				51	72	15			
RECEPT. (6)	0.9			15	10	31	15					15				52	73	15			
RECEPT. (3)		0.45		15	11	32	15			**		15				53	74	15			
RECEPT. (1)			0.03	15	12	33	15					15				54	75	15			
RECEPT. (6)	0.9			15	13	34	15					15				55	76	15			
				15	14	35	15					15				56	77	15			
				15	15	36	15					15				57	78	15			
				15	16	37	15					15				58	79	15			
				15	17	38	15					15				59	80	15			
				15	18	39	15					15				60	81	15			
				15	19	40	15					15				61	82	15			
				15	20	41	15	0.3			RECEPT. (2)	15				62	83	15			
				15	21	42	15					15				63	84	15			

PANEL NAME: `MA1' (EXISTING)

225 AMP MAINS, 120/208V, 4W, 3Ø, 10k I.C.
ADD NEW ISOLATED GROUND BUS

CIRCUITS IDENTIFIED ARE FOR INFORMATION ONLY. CONNECT CIRCUITS TO SPACES IN EXISTING PANEL.

ISOLATED GROUND CIRCUITS - 64 to 74

DESCRIPTION	kVA LOAD ØA	ØB	ØC	BRK SIZE		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION	DESCRIPTION	BRK SIZE	kVA LOAD ØA	ØB	ØC		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION
RECEPT. (6)	0.9			15	1	22	15	**			EXISTING	15				43	64	15			EXISTING
RECEPT. (6)		0.9		15	2	23	15		**			15				44	65	15			
RECEPT. (3)			0.45	15	3	24	15			0.45	RECEPT. (3)	15				45	66	15			
RECEPT. (5)	0.7			15	4	25	15	0.03			RECEPT. (1)	15				46	67	15			
			**	15	5	26	15		0.03		RECEPT. (1)	15				47	68	15			
			**	15	6	27	15			0.03	RECEPT. (1)	15				48	69	15			
RECEPT. (6)	0.9			15	7	28	15	0.9			RECEPT. (6)	15				49	70	15			
RECEPT. (6)		0.9		15	8	29	15		0.9		RECEPT. (6)	15				50	71	15			
			**	15	9	30	15			0.45	RECEPT. (3)	15				51	72	15			
RECEPT. (6)	0.9			15	10	31	15	0.9			RECEPT. (6)	15				52	73	15			
				15	11	32	15		0.9		RECEPT. (6)	15				53	74	15			
				15	12	33	15			0.9	RECEPT. (6)	15				54	75	15			
RECEPT. (3)	0.45			15	13	34	15	0.9			RECEPT. (6)	15				55	76	15			
				15	14	35	15		0.9		RECEPT. (6)	15				56	77	15			
				15	15	36	15					15				57	78	15			
				15	16	37	15					15				58	79	15			
				15	17	38	15					15				59	80	15			
				15	18	39	15					15				60	81	15			
				15	19	40	15					15				61	82	15			
				15	20	41	15					15				62	83	15			
RECEPT. (6)			0.9	15	21	42	15					15				63	84	15			

PANEL NAME: `MA2' (EXISTING)

225 AMP MAINS, 120/208V, 4W, 3Ø, 10k I.C.
ADD NEW ISOLATED GROUND BUS

CIRCUITS IDENTIFIED ARE FOR INFORMATION ONLY. CONNECT CIRCUITS TO SPACES IN EXISTING PANEL.

ISOLATED GROUND CIRCUITS - 64 to 74

DESCRIPTION	kVA LOAD ØA	ØB	ØC	BRK SIZE		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION	DESCRIPTION	BRK SIZE	kVA LOAD ØA	ØB	ØC		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION
	**			15	1	22	15	**				15				43	64	15			EXISTING
		**		15	2	23	15		**			15				44	65	15			
			**	15	3	24	15			**		15				45	66	15			
RECEPT. (1)	0.03			15	4	25	15	**			RECEPT. (6)	0.9				46	67	15	**		
RECEPT. (1)		0.03		15	5	26	15		**		RECEPT. (3)		0.45			47	68	15	**		
RECEPT. (2)			0.3	15	6	27	15			**		**				48	69	15		**	
RECEPT. (4)	0.6			15	7	28	15	0.45			RECEPT. (3)			**		49	70	15	**		
RECEPT. (6)		0.9		15	8	29	15		0.45		RECEPT. (3)	**				50	71	15	**		
RECEPT. (2)			0.3	15	9	30	15			0.03	RECEPT. (1)		**			51	72	15		**	
RECEPT. (6)	0.9			15	10	31	15	0.45			RECEPT. (3)			**		52	73	15	**		
RECEPT. (6)		0.9		15	11	32	15		0.45		RECEPT. (3)	**				53	74	15	**		
RECEPT. (6)			0.9	15	12	33	15			0.9	RECEPT. (6)	RECEPT. (1)	0.03			54	75	15		**	
RECEPT. (6)	0.9			15	13	34	15	0.9			RECEPT. (6)			**		55	76	15	0.03		RECEPT. (1)
RECEPT. (6)		0.9		15	14	35	15		0.9		RECEPT. (6)					56	77	15	**		
RECEPT. (6)			0.9	15	15	36	15			0.45	RECEPT. (3)					57	78	15		**	
RECEPT. (6)	0.9			15	16	37	15	**								58	79	15	**		
				15	17	38	15		**							59	80	15		**	
				15	18	39	15			**						60	81	15			
				15	19	40	15	**								61	82	15	**		
				15	20	41	15		**							62	83	15		**	
				15	21	42	15			**						63	84	15			

PANEL NAME: `MA3' (EXISTING)

225 AMP MAINS, 120/208V, 4W, 3Ø, 10k I.C.
ADD NEW ISOLATED GROUND BUS

CIRCUITS IDENTIFIED ARE FOR INFORMATION ONLY. CONNECT CIRCUITS TO SPACES IN EXISTING PANEL.

ISOLATED GROUND CIRCUITS - 64 to 74

DESCRIPTION	kVA LOAD ØA	ØB	ØC	BRK SIZE		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION	DESCRIPTION	BRK SIZE	kVA LOAD ØA	ØB	ØC		BRK SIZE	kVA LOAD ØA	ØB	ØC	DESCRIPTION
	**			15	1	22	15	0.03		RECEPT. (1)		15				43	64	15			EXISTING
		**		15	2	23	15		0.03	RECEPT. (1)		15				44	65	15			
			**	15	3	24	15			0.45	RECEPT. (3)	15				45	66	15			
	**			15	4	25	15					15				46	67	15			
		**		15	5	26	15					15				47	68	15			
			**	15	6	27	15					15				48	69	15			
	**			15	7	28	15					15				49	70	15			
		**		15	8	29	15					15				50	71	15			
			**	15	9	30	15					15				51	72	15			
	**			15	10	31	15					15				52	73	15			
		**		15	11	32	15					15				53	74	15			
			**	15	12	33	15					15				54	75	15			
RECEPT. (2)	0.3			15	13	34	15					15				55	76	15			
RECEPT. (1)		0.03		15	14	35	15					15				56	77	15			
			**	15	15	36	15					15				57	78	15			
	**			15	16	37	15					15				58	79	15			
		**		15	17	38	15					15				59	80	15			
			**	15	18	39	15					15				60	81	15			
	**			15	19	40	15					15				61	82	15			
		**		15	20	41	15					15				62	83	15			
			**	15	21	42	15					15				63	84	15			
RECEPT. (1)				0.03	15	21															

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region

SERVICES IMMOBILIERS
Région de l'ouest

CONSULTANT

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The contractor is responsible to verify all dimensions with conditions on the site and report discrepancies to Tower Engineering for adjustment.
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TOWER PROJECT NO. : 13039

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Revision/ Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER/CONSTRUCTION	26/11/13

Client/client

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OH

PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'Ingénierie, TPSGC
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Drawing title/Titre du dessin

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