PANEL SCHEDULE

PANEL #	A	PANEL TYPE	72CCT BOLT-IN
MOUNTING	SURFACE	VOLTAGE	120/208V-200A
TOTAL LOAD	ESTIMATE DEMAND=20kW	PHASE:	3ø/4W
FED FROM	NEW MDA	MAIN BREAKER:	3P200 IN "MDA"
FEEDER	4#3/0 RW90(CU)-2"C		
NOTES	MINIMUM IC=10kA-NEW PANEL A TO REPLACE EXISTING PANEL IN GYMNASIUM-PROVIDE NEW TYPEWRITTEN DIRECTORY & LABEL AS PER EXISTING PANEL SCHEDULE		

WATTS	DESCRIPTION	No	C/B	C/B	No	DESCRIPTION	
	EXISTING LOAD	1	15	2P	2	EXISTING LOAD	
	EXISTING LOAD	3	15	15	4		
	EXISTING LOAD	5	15	2P	6	EXISTING LOAD	
	EXISTING LOAD	7	15	15	8		
	EXISTING LOAD	9	15	2P	10	EXISTING LOAD	
	EXISTING LOAD	11	15	15	12		
	EXISTING LOAD	13	15	2P	14	EXISTING LOAD	
	EXISTING LOAD	15	15	15	16		
	EXISTING LOAD	17	15	2P	18	EXISTING LOAD	
	EXISTING LOAD	19	15	40	20		
	EXISTING LOAD	21	15	15	22	EXISTING LOAD	
	EXISTING LOAD	23	15	15	24	EXISTING LOAD	
	EXISTING LOAD	25	15	15	26	EXISTING LOAD	
	EXISTING LOAD	27	15	15	28	EXISTING LOAD	
	EXISTING LOAD	29	15	15	30	EXISTING LOAD	
	EXISTING LOAD	31	15	15	32	EXISTING LOAD	
	EXISTING LOAD	33	15	15	34	EXISTING LOAD	
	EXISTING LOAD	35	15	15	36	EXISTING LOAD	
	EXISTING LOAD	37	15	15	38	EXISTING LOAD	
	EXISTING LOAD	39	2P	15	40	EXISTING LOAD	
		41	20	15	42	EXISTING LOAD	
	EXISTING LOAD	43	2P	15	44	EXISTING LOAD	
		45	20	15	46	EXISTING LOAD	
	EXISTING LOAD	47	15	20	48	RTU-1 GFCI RECEPETACLE	800W
1.0kW	HRV-2	49	15	20	50	RTU-2 GFCI RECEPETACLE	800W
600W	HEAT COIL HC-2	51	3P	15	52	FC-2	600W
600W	1.8kW	53		20	54	FC-2 HEAT PUMP	1.2kW
600W		55	30	15	56	FC-1	600W
	SPARE	57	15	20	58	FC-1 COND UNIT	1.2kW
	SPARE	59	15	15	60	SPARE	
	SPARE	61	20	15	62	SPARE	
	SPACE	63		20	64	SPARE	
	SPACE	65			66	SPACE	
	SPACE	67			68	SPACE	
	SPACE	69			70	SPACE	
	SPACE	71			72	SPACE	

PANEL SCHEDULE

PANEL #	B	PANEL TYPE	72CCT BOLT-IN
MOUNTING	SURFACE	VOLTAGE	120/208V-200A
TOTAL LOAD	ESTIMATED DEMAND=50kW	PHASE:	3ø/4W
FED FROM	MDA	MAIN BREAKER:	3P200 IN "MDA"
FEEDER	4#3/0 RW90(CU)-2"C		
NOTES	MINIMUM IC=10kA-NEW PANEL A TO REPLACE EXISTING PANEL B-PROVIDE NEW TYPEWRITTEN DIRECTORY & LABEL AS PER EXISTING PANEL SCHEDULE		

WATTS	DESCRIPTION	No	C/B	C/B	No	DESCRIPTION	
	EXISTING LOAD-RINK LITES	1	2P	2P	2	EXISTING LOAD-NEW RINK LITES	
		3	100	50	4		
	EXISTING LOAD-EAST RINK LITES	5	2P		6	SPACE	
		7	100		8	SPACE	
	EXISTING LOAD-EAST RINK LITES	9	2P	2P	10	EXISTING LOAD-PARKING LOT LITES	
		11	100	100	12		
	EXISTING LOAD	13	2P	15	14	EXISTING LOAD	
		15	30	15	16	EXISTING LOAD	
	EXISTING LOAD	17	2P	15	18	EXISTING LOAD	
	RINK LITES 2/3 PANEL	19	30	15	20	EXISTING LOAD	
	EXISTING LOAD	21	2P	15	22	EXISTING LOAD	
	RINK LITES 2/3 PANEL	23	30	15	24	EXISTING LOAD	
	EXISTING LOAD	25	2P	15	26	EXISTING LOAD	
	RINK LITES 2/3 PANEL	27	30	2P	28	EXISTING LOAD-LOAD CENTRE	
	EXISTING LOAD	29	2P	15	30	NW CHANGE ROOM	
	RINK LITES 2/3 PANEL	31	30	2P	32	EXISTING LOAD-LOAD CENTRE	
1kW	HRV-1-CANTEEN	33	15	15	34	NW CHANGE ROOM	
1kW	HRV-1-CHANGE ROOM	35	15	2P	36	EXISTING LOAD-LOAD CENTRE	
2.33kW	HEAT COIL HC-1	37	3P	15	38	NW CHANGE ROOM	
2.33kW	7.0kW	39		2P	40	EXISTING LOAD-LOAD CENTRE	
2.33kW	3/C#10	41	30	15	42	NW CHANGE ROOM	
2.33kW	HEAT COIL HC-3	43	3P	2P	44	EXISTING LOAD-LOAD CENTRE	
2.33kW	7.0kW	45		15	46	NW CHANGE ROOM	
2.33kW	3/C#10	47	30	2P	48	EXISTING LOAD-LOAD CENTRE	
	SPARE	49	15	15	50	NW CHANGE ROOM	
	SPARE	51	15		52	SPACE	
	SPARE	53	15		54	SPACE	
	SPARE	55	15		56	SPACE	
	SPARE	57	20		58	SPACE	
	SPARE	59	20		60	SPACE	
	SPACE	61			62	SPACE	
	SPACE	63			64	SPACE	
	SPACE	65			66	SPACE	
	SPACE	67			68	SPACE	
	SPACE	69			70	SPACE	
	SPACE	71			72	SPACE	

PANEL SCHEDULE

PANEL #	D	PANEL TYPE	72CCT BOLT-IN
MOUNTING	SURFACE	VOLTAGE	120/208V-200A
TOTAL LOAD	ESTIMATED DEMAND=20kW	PHASE:	3ø/4W
FED FROM	MDA	MAIN BREAKER:	3P200 IN "MDA"
FEEDER	4#3/0 RW90(CU)-2"C		
NOTES	MINIMUM IC=10kA-NEW PANEL D TO REPLACE EXISTING GARAGE PANEL & EXISTING PANEL E PROVIDE NEW TYPEWRITTEN DIRECTORY & LABEL AS PER EXISTING PANEL SCHEDULE		

WATTS	DESCRIPTION	No	C/B	C/B	No	DESCRIPTION	
	EXISTING LOAD-GARAGE PANEL	1	2P	2P	2	EXISTING LOAD-GARAGE PANEL	
		3	50	30	4		
	EXISTING LOAD-GARAGE PANEL	5	2P	2P	6	EXISTING LOAD-GARAGE PANEL	
		7	30	15	8		
	EXISTING LOAD-GARAGE PANEL	9	2P	2P	10	EXISTING LOAD-GARAGE PANEL	
		11	15	15	12		
	EXISTING LOAD-PANEL E	13	2P	2P	14	EXISTING LOAD-PANEL E	
		15	15	15	16		
	EXISTING LOAD-PANEL E	17	2P	2P	18	EXISTING LOAD-PANEL E	
		19	15	15	20		
	EXISTING LOAD-PANEL E	21	2P	2P	22	EXISTING LOAD-PANEL E	
		23	15	15	24		
	EXISTING LOAD-PANEL E	25	2P	15	26	EXISTING LOAD-PANEL E	
		27	15	15	28	EXISTING LOAD-PANEL E	
	EXISTING LOAD-GARAGE PANEL	29	15	15	30	EXISTING LOAD-PANEL E	
	EXISTING LOAD-GARAGE PANEL	31	15	15	32	EXISTING LOAD-PANEL E	
	EXISTING LOAD-GARAGE PANEL	33	15	15	34	EXISTING LOAD-PANEL E	
	EXISTING LOAD-GARAGE PANEL	35	15	15	36	EXISTING LOAD-PANEL E	
	EXISTING LOAD-GARAGE PANEL	37	20	15	38	EXISTING LOAD-PANEL E	
100W	CO SYSTEM	39	15	15	40	EXISTING LOAD-PANEL E	
300W	FAN F-1 1/2HP	41	20	15	42	EXISTING LOAD-PANEL E	
	SPARE	43	15	15	44	EXISTING LOAD-PANEL E	
	SPARE	45	15		46	SPACE	
	SPARE	47	15		48	SPACE	
	SPARE	49	15		50	SPACE	
	SPARE	51	20		52	SPACE	
	SPARE	53	20		54	SPACE	
	SPACE	55			56	SPACE	
	SPACE	57			58	SPACE	
	SPACE	59			60	SPACE	
	SPACE	61			62	SPACE	
	SPACE	63			64	SPACE	
	SPACE	65			66	SPACE	
	SPACE	67			68	SPACE	
	SPACE	69			70	SPACE	
	SPACE	71			72	SPACE	

ELECTRICAL NOTES:

1. ELECTRICAL SUB CONTRACTOR SHALL VERIFY ALL QUANTITIES OF BREAKERS IN EXISTING PANELS WHICH ARE BEING USED AS JUNCTION BOXES AND CIRCUITS TRANSFERRED TO NEW PANELS-VERIFICATION SHALL BE DONE DURING TENDER. FAILURE TO DO SO WILL NOT CONSTITUTE ANY EXTRA TO THE CONTRACT.
2. ELECTRICAL CONTRACTOR SHALL LABEL EXISTING PANELS AS JUNCTION BOXES AND INDICATE CIRCUITS BEING TRANSFERRED TO NEW PANELS ON FRONT OF JB. PROVIDE BLANK PLATE PAINTED WITH TWO COATS OF ASA#61 GREY PAINT ON EXISTING PANELS.
3. EXISTING CIRCUITS BEING TRANSFERRED FROM EXISTING PANELS TO NEW PANELS SHALL BE MARKED IN THE NEW PANEL DIRECTORIES AND LABELLED AS PER THE EXISTING PANEL DIRECTORY.

SUMITECH SERVICES LIMITED
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REV	DESCRIPTION	DWN	APP	REV DATE
3	ISSUED FOR ADDENDUM#1	PY	TJ	OCT 28 2016
2	ISSUED FOR TENDER	PY	TJ	SEP 15 2016
1	ISSUED FOR TENDER/CONSTRUCTION	PY	DA	JUN 28 2016
ø	ISSUED FOR QS ONLY	PY	TJ	JUN 17 2016

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PERMIT TO PRACTICE

CLIENT

THE CITY OF WINNIPEG
GREENDELL PARK C.C.

PROJECT

HVAC ELECTRICAL UPGRADES

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

DRAWN BY	CHECKED BY	SCALE	SHEET NO
PY	DSA	AS NOTED	E104
DESIGNED BY	JOB NUMBER	DATE	REVISION NO
TJ	18558	JUN 12 2016	3

ARCH D - 609.6 x 914.4 (24" x 36")