

Power Source: DP-R21		DP-F21		Location: FILTER OUTLET GATE ROOM						
Feeder: 3C #6		Voltage: 600V/3Ø/3 wire		Mounting: FLOOR						
Main Breaker: NO A		Main Lugs: 225 A								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
CD-C02A MOTORIZED EXTERIOR DOOR TO PILOT PLANT ROOM	0.18		1	*			2			
	0.18	15A,3P	3	*			4	15A,3P		SPARE
	0.18		5	*			6			
SPACE			7	*			8			
			9	*			10			SPACE
			11	*			12			
SPACE			13	*			14			
			15	*			16			SPACE
			17	*			18			
SPACE			19	*			20			
			21	*			22			SPACE
			23	*			24			
SPACE			25	*			26			
			27	*			28			SPACE
			29	*			30			
SPACE			31	*			32			
			33	*			34			SPACE
			35	*			36			
SPACE			37	*			38			
			39	*			40			SPACE
			41	*			42			
SPACE			43	*			44			
			45	*			46			SPACE
			47	*			48			
SPACE			49	*			50			
			51	*			52			SPACE
			53	*			54			
SPACE			55	*			56			
			57	*			58			SPACE
			59	*			60			
SPACE			61	*			62			
			63	*			64			SPACE
			65	*			66			





Phase A Total 0.18 kW
 Phase B Total 0.18 kW
 Phase C Total 0.18 kW
 Panel Total 0.54 kW

Power Source: MCC 4A		DP-F31		Location: FILTER AREA 3rd FLOOR						
Feeder: 3C #6		Voltage: 600V/3Ø/3 wire		Mounting: FLOOR						
Main Breaker: NO A		Main Lugs: 225 A								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
FV-F101A ON OUTLET OF FILTER INFLUENT CHANNEL	0.50		1	*			2		0.50	FV-F102A ON INLET OF BACKWASH CHANNEL
	0.50	15A,3P	3	*			4	15A,3P	0.50	
	0.50		5	*			6		0.50	
FV-F201A ON OUTLET OF FILTER INFLUENT CHANNEL	0.50		7	*			8		0.50	FV-F202A ON INLET OF BACKWASH CHANNEL
	0.50	15A,3P	9	*			10	15A,3P	0.50	
	0.50		11	*			12		0.50	
FV-F301A ON OUTLET OF FILTER INFLUENT CHANNEL	0.50		13	*			14		0.50	FV-F302A ON INLET OF BACKWASH CHANNEL
	0.50	15A,3P	15	*			16	15A,3P	0.50	
	0.50		17	*			18		0.50	
FV-F401A ON OUTLET OF FILTER INFLUENT CHANNEL	0.50		19	*			20		0.50	FV-F402A ON INLET OF BACKWASH CHANNEL
	0.50	15A,3P	21	*			22	15A,3P	0.50	
	0.50		23	*			24		0.50	
SLG-O210B ON OUTLET OF OZONE CONTACTOR #1	0.18		25	*			26		0.18	SLG-O210C ON OUTLET OF OZONE CONTACTOR #1
	0.18	15A,3P	27	*			28	15A,3P	0.18	
	0.18		29	*			30		0.18	
SPACE			31	*			32			
		15A,3P	33	*			34			SPACE
			35	*			36			
SPACE			37	*			38			
			39	*			40			SPACE
			41	*			42			
SPACE			43	*			44			
			45	*			46			SPACE
			47	*			48			
SPACE			49	*			50			
			51	*			52			SPACE
			53	*			54			
SPACE			55	*			56			
			57	*			58			SPACE
			59	*			60			
SPACE			61	*			62		10.00	
			63	*			64	60A,3P	10.00	WELDING RECEPTACLE
			65	*			66		10.00	

Phase A Total 14.36 kW
 Phase B Total 14.36 kW
 Phase C Total 14.36 kW
 Panel Total 43.08 kW

Power Source: MCC 4B		DP-F32		Location: FILTER AREA 3rd FLOOR						
Feeder: 3C #6		Voltage: 600V/3Ø/3 wire		Mounting: FLOOR						
Main Breaker: NO A		Main Lugs: 225 A								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
FV-F501A ON OUTLET OF FILTER INFLUENT CHANNEL	0.50		1	*			2		0.50	FV-F502A ON INLET OF BACKWASH CHANNEL
	0.50	15A,3P	3	*			4	15A,3P	0.50	
	0.50		5	*			6		0.50	
FV-F601A ON OUTLET OF FILTER INFLUENT CHANNEL	0.50		7	*			8		0.50	FV-F602A ON INLET OF BACKWASH CHANNEL
	0.50	15A,3P	9	*			10	15A,3P	0.50	
	0.50		11	*			12		0.50	
FV-F701A ON OUTLET OF FILTER INFLUENT CHANNEL	0.50		13	*			14		0.50	FV-F702A ON INLET OF BACKWASH CHANNEL
	0.50	15A,3P	15	*			16	15A,3P	0.50	
	0.50		17	*			18		0.50	
FV-F801A ON OUTLET OF FILTER INFLUENT CHANNEL	0.50		19	*			20		0.50	FV-F802A ON INLET OF BACKWASH CHANNEL
	0.50	15A,3P	21	*			22	15A,3P	0.50	
	0.50		23	*			24		0.50	
SLG-O230B ON OUTLET OF OZONE CONTACTOR #2	0.18		25	*			26		0.18	SLG-O230C ON OUTLET OF OZONE CONTACTOR #2
	0.18	15A,3P	27	*			28	15A,3P	0.18	
	0.18		29	*			30		0.18	
SPACE			31	*			32			
		15A,3P	33	*			34			SPACE
			35	*			36			
SPACE			37	*			38			
			39	*			40			SPACE
			41	*			42			
SPACE			43	*			44			
			45	*			46			SPACE
			47	*			48			
SPACE			49	*			50			
			51	*			52			SPACE
			53	*			54			
SPACE			55	*			56			
			57	*			58			SPACE
			59	*			60			
SPACE			61	*			62		10.00	
			63	*			64	60A,3P	10.00	WELDING RECEPTACLE
			65	*			66		10.00	

Phase A Total 14.36 kW
 Phase B Total 14.36 kW
 Phase C Total 14.36 kW
 Panel Total 43.08 kW

 Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2006	B.M. ELEV.	 Frederickson Cooper ARCHITECTS	 A Terra International Ltd. Company	ENGINEER'S SEAL ORIGINAL SIGNED BY L.D. LLEWELLYN 2006/03/29	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION WATER TREATMENT PLANT MAIN BUILDING MECHANICAL AND ELECTRICAL ELECTRICAL PANEL SCHEDULE	CITY FILE NUMBER SHEET OF
	00 ISSUED FOR TENDER 06/03/29 LL NO. REVISIONS DATE BY DATE 2005/06/29 DATE 2006/03/29	DESIGNED BY PF CHECKED BY ND DRAWN BY YFS APPROVED BY AHL SCALE: NTS RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI CONSULTANT DRAWING NO. WB-E0531	CITY DRAWING NUMBER 1-0601B-D-E0531-001-000			