

Power Source: DP-R21		<b>DP-F21</b>					Location: FILTER OUTLET GATE ROOM			
Feeder: 3C #6							Voltage: 600V/3Ø/3 wire			
Main Breaker: NO A							Mounting: FLOOR			
Main Lugs: 225 A										
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
ROLL UP DOOR 21 MOTORIZED EXTERIOR DOOR TO PILOT PLANT ROOM	0.18		1	*			2			
	0.18	15A,3P	3	*			4	15A,3P		SPACE
	0.18		5	*			6			
WELDING RECEPTACLE	10.00		7	*			8			SPACE
	10.00	60A,3P	9	*			10			
	10.00		11	*			12			
			13	*			14			
SPACE			15	*			16			SPACE
			17	*			18			
			19	*			20			
SPACE			21	*			22			SPACE
			23	*			24			
			25	*			26			
SPACE			27	*			28			SPACE
			29	*			30			
			31	*			32			
SPACE			33	*			34			SPACE
			35	*			36			
			37	*			38			
SPACE			39	*			40			SPACE
			41	*			42			
			43	*			44			
SPACE			45	*			46			SPACE
			47	*			48			
			49	*			50			
SPACE			51	*			52			SPACE
			53	*			54			
			55	*			56			
SPACE			57	*			58			SPACE
			59	*			60			
			61	*			62			
SPACE			63	*			64			SPACE
			65	*			66			

Phase A Total 10.18 kW  
 Phase B Total 10.18 kW  
 Phase C Total 10.18 kW  
 Panel Total 30.54 kW

Power Source: MCC 4A		<b>DP-F31</b>					Location: FILTER AREA 3rd FLOOR			
Feeder: 3C #6							Voltage: 600V/3Ø/3 wire			
Main Breaker: NO A							Mounting: FLOOR			
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			SPACE
		15A,3P	33	*			34			
			35	*			36			
			37	*			38			
SPACE			39	*			40			SPACE
			41	*			42			
			43	*			44			
SPACE			45	*			46			SPACE
			47	*			48			
			49	*			50			
SPACE			51	*			52			SPACE
			53	*			54			
			55	*			56			
SPACE			57	*			58			SPACE
			59	*			60			
			61	*			62		10.00	
SPACE			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		<b>DP-F32</b>					Location: FILTER AREA 3rd FLOOR			
Feeder: 3C #6							Voltage: 600V/3Ø/3 wire			
Main Breaker: NO A							Mounting: FLOOR			
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			SPACE
		15A,3P	33	*			34			
			35	*			36			
			37	*			38			
SPACE			39	*			40			SPACE
			41	*			42			
			43	*			44			
SPACE			45	*			46			SPACE
			47	*			48			
			49	*			50			
SPACE			51	*			52			SPACE
			53	*			54			
			55	*			56			
SPACE			57	*			58			SPACE
			59	*			60			
			61	*			62		10.00	
SPACE			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

<p><b>APEGN</b>                  Certificate of Authorization                  CH2M HILL Canada Ltd.                  No. 1441 Expiry: April 30, 2007</p>		<p>B.M. ELEV.</p> <table border="1"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </table>																					<p><b>CH2MHILL</b>                  Frederickson Cooper                  ARCHITECTS</p> <p><b>EarthTech</b>                  A Terra International Ltd. Company</p> <table border="1"> <tr> <td>DESIGNED BY: PF</td> <td>CHECKED BY: ND</td> </tr> <tr> <td>DRAWN BY: YFS</td> <td>APPROVED BY: AHL</td> </tr> <tr> <td>SCALE: NTS</td> <td>RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI</td> </tr> <tr> <td>NO. REVISIONS</td> <td>DATE BY</td> </tr> </table>	DESIGNED BY: PF	CHECKED BY: ND	DRAWN BY: YFS	APPROVED BY: AHL	SCALE: NTS	RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	NO. REVISIONS	DATE BY	<p>ENGINEER'S SEAL</p> <p>ORIGINAL SIGNED BY                  L.D. LLEWELLYN                  2006/03/29</p> <p>CONSULTANT DRAWING NO.                  WB-E0531</p>	<p><b>THE CITY OF WINNIPEG</b>                  WATER AND WASTE DEPARTMENT                  ENGINEERING DIVISION</p> <p>WATER TREATMENT PLANT                  MAIN BUILDING                  MECHANICAL AND ELECTRICAL</p> <p>ELECTRICAL                  PANEL SCHEDULE</p>	<p>CITY FILE NUMBER</p> <p>SHEET OF</p> <p>CITY DRAWING NUMBER                  1-0601B-D-E0531-001-020</p>
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