





Power Source: MCC #1B		DP-F03		Location: FILTER GALLERY EAST						
Feeder: 3C #2		Voltage: 600V/3Ø/3 WIRE		Main Breaker: NO A						
Main Lugs: 225 A		Mounting: FLOOR								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
FCV-F503A DOWNSTREAM OF FE-503A IN FILTER No.5	0.25		1	*			2		0.30	LCP-F984A NORTH SUMP PUMP PANEL
	0.25	15A, 3P	3	*			4	15A, 3P	0.30	
	0.25		5	*		*	6		0.30	
FV-F504A DOWNSTREAM OF FE-503A IN FILTER No.5	0.25		7	*			8		2.50	LCP-H510A NORTH SUMP PUMPS PANEL
	0.25	15A, 3P	9	*			10	15A, 3P	2.50	
	0.25		11	*		*	12		2.50	
FV-F505A DOWNSTREAM OF FE-503A IN FILTER No.5	0.25		13	*			14		4.25	CRN-F002, CRN-F004 MONORAIL HOIST FOR BWS PUMPS AND GALLERY MANWAYS
	0.25	15A, 3P	15	*			16	15A, 3P	4.25	
	0.25		17	*		*	18		4.25	
FV-F506A ON BACKWASH SUPPLY LINE IN FILTER No.5	0.25		19	*			20		4.25	CRN-F005, CRN-F006 MONORAIL HOIST FOR PROCESS SUMP AND CORRIDOR No.3 LOADING PLATFORM
	0.25	15A, 3P	21	*			22	15A, 3P	4.25	
	0.25		23	*		*	24		4.25	
FV-F507A ON AS SUPPLY LINE TO FILTER No.5	0.25		25	*			26	100A, 3P	4.25	DP-F04 DAF INFLUENT GALLERY EAST
	0.25	15A, 3P	27	*			28		4.25	
	0.25		29	*		*	30		4.25	
FV-F931A TIE BETWEEN TRAIN 1 AND TRAIN 2	0.25		31	*			32		2.50	LCP-F981A NORTH SUMP PUMPS PANEL
	0.25	15A, 3P	33	*			34	15A, 3P	2.50	
	0.25		35	*		*	36		2.50	
FV-F922A ON INLET OF TK-F920A TRAIN 2	0.25		37	*			38		10.00	WELDING RECEPTACLE
	0.25	15A, 3P	39	*			40	60A, 3P	10.00	
	0.25		41	*		*	42		10.00	
FV-F920A ON OUTLET OF TK-F920A TRAIN 2	0.25		43	*			44		6.00	DP-F04
	0.25	15A, 3P	45	*			46	60A, 3P	6.00	
	0.25		47	*		*	48		6.00	
FCV-F921A DOWNSTREAM OF P-F921A BACKWASH SUPPLY	0.25		49	*			50			SPACE
	0.25	15A, 3P	51	*			52			
	0.25		53	*		*	54			
FV-J992A FROM HYPOCHLORITE SY STEM	0.25		55	*			56			SPACE
	0.25	15A, 3P	57	*			58			
	0.25		59	*		*	60			
SPACE			61	*			62			SPACE
			63	*			64			
			65	*		*	66			

Phase A Total 36.55 kW Panel Total 109.65 kW
 Phase B Total 36.55 kW
 Phase C Total 36.55 kW

Power Source: DP-F03		DP-F04		Location: FILTER GALLERY EAST						
Feeder: 3C #6		Voltage: 600V/3Ø/3 WIRE		Main Breaker: NO A						
Main Lugs: 225 A		Mounting: FLOOR								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
FCV-F603A DOWNSTREAM OF FE-603A IN FILTER No.6	0.25		1	*			2		0.25	FCV-F803A DOWNSTREAM OF FE-803A IN FILTER No.8
	0.25	15A, 3P	3	*			4	15A, 3P	0.25	
	0.25		5	*		*	6		0.25	
FV-F604A DOWNSTREAM OF FE-603A IN FILTER No.6	0.25		7	*			8		0.25	FV-804A DOWNSTREAM OF FE-803A IN FILTER No.8
	0.25	15A, 3P	9	*			10	15A, 3P	0.25	
	0.25		11	*		*	12		0.25	
FV-F605A DOWNSTREAM OF FE-603A IN FILTER No.6	0.25		13	*			14		0.25	FV-805A DOWNSTREAM OF FE-803A IN FILTER No.8
	0.25	15A, 3P	15	*			16	15A, 3P	0.25	
	0.25		17	*		*	18		0.25	
FV-F606A ON BACKWASH SUPPLY LINE IN FILTER No.6	0.25		19	*			20		0.25	FV-806A ON BACKWASH SUPPLY LINE IN FILTER No.8
	0.25	15A, 3P	21	*			22	15A, 3P	0.25	
	0.25		23	*		*	24		0.25	
FV-F607A ON AS SUPPLY LINE TO FILTER No.6	0.25		25	*			26		0.25	FV-807A ON AS SUPPLY LINE TO FILTER No.8
	0.25	15A, 3P	27	*			28	15A, 3P	0.25	
	0.25		29	*		*	30		0.25	
FCV-F703A DOWNSTREAM OF FE-703A IN FILTER No.7	0.25		31	*			32		0.90	CRN-F007 MONORAIL HOIST FOR FILTER PIPE GALLERY
	0.25	15A, 3P	33	*			34	15A, 3P	0.90	
	0.25		35	*		*	36		0.90	
FV-F704A DOWNSTREAM OF FE-703A IN FILTER No.7	0.25		37	*			38			SPACE
	0.25	15A, 3P	39	*			40	15A, 3P		
	0.25		41	*		*	42			
FV-F705A DOWNSTREAM OF FE-703A IN FILTER No.7	0.25		43	*			44			SPACE
	0.25	15A, 3P	45	*			46			
	0.25		47	*		*	48			
FV-F706A ON BACKWASH SUPPLY LINE IN FILTER No.7	0.25		49	*			50			SPACE
	0.25	15A, 3P	51	*			52			
	0.25		53	*		*	54			
FV-F707A ON AS SUPPLY LINE TO FILTER No.7	0.25		55	*			56			SPACE
	0.25	15A, 3P	57	*			58			
	0.25		59	*		*	60			
SPACE			61	*			62			SPACE
			63	*			64			
			65	*		*	66			

Phase A Total 4.65 kW Panel Total 13.95 kW
 Phase B Total 4.65 kW
 Phase C Total 4.65 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	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION		
				DESIGNED BY PF		CHECKED BY ND	ORIGINAL SIGNED BY L.D. LLEWELLYN
				DRAWN BY YFS		APPROVED BY AHL	2006/03/29
				SCALE: NTS		RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	CONSULTANT DRAWING NO. WB-E0530
	00 ISSUED FOR TENDER 06/03/29 LL	DATE 2005/06/29	DATE 2006/03/29		WATER TREATMENT PLANT MAIN BUILDING MECHANICAL AND ELECTRICAL ELECTRICAL PANEL SCHEDULE		
	NO. REVISIONS	DATE	BY		CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER 1-0601B-D-E0530-001-000		