





Power Source: MCC1A		DP-F01		Location: FILTER GALLERY WEST							
Feeder: 3C #3/0		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-F303A DOWNSTREAM OF FE-303A IN FILTER No.3	0.25		1	*			2		0.25	LCP-F055A PROCESS CHLORINE PUMP	
	0.25	15A, 3P	3		*		4	15A, 3P	0.25		
	0.25		5			*	6		0.25		
FV-F304A DOWNSTREAM OF FE-303A IN FILTER No.3	0.25		7	*			8		11.60	LCP-F983A DISTRIBUTION PANEL FOR P-F983A	
	0.25	15A, 3P	9		*		10	15A, 3P	11.60		
	0.25		11			*	12		11.60		
FV-F305A DOWNSTREAM OF FE-303A IN FILTER No.3	0.25		13	*			14		6.36	CRN-F003, CRN-F001 MONORAIL HOIST FOR BWS PUMPS AND GALLERY MANWAYS	
	0.25	15A, 3P	15		*		16	15A, 3P	6.36		
	0.25		17			*	18		6.36		
FV-F306A BACKWASH SUPPLY LINE IN FILTER No.3	0.25		19	*			20	100A, 3P	11.87	DP-F02 DISTRIBUTION PANEL FOR VALVE ACTUATORS EAST TRAIN	
	0.25	15A, 3P	21		*		22		12.74		
	0.25		23			*	24		12.56		
FV-F307A ON AS SUPPLY LINE TO FILTER No.3	0.25		25	*			26		0.25	FV-F932A TIE BETWEEN TRAIN 1 AND TRAIN 2	
	0.25	15A, 3P	27		*		28	15A, 3P	0.25		
	0.25		29			*	30		0.25		
FCV-F403A DOWNSTREAM OF FE-403A IN FILTER No.4	0.25		31	*			32		0.25	FV-F912A ON INLET OF TK-F910A TRAIN 1	
	0.25	15A, 3P	33		*		34	15A, 3P	0.25		
	0.25		35			*	36		0.25		
FV-F404A DOWNSTREAM OF FE-403A IN FILTER No.4	0.25		37	*			38		0.25	FV-F910A ON OUTLET OF TK-F910A TRAIN 1	
	0.25	15A, 3P	39		*		40	15A, 3P	0.25		
	0.25		41			*	42		0.25		
FV-F405A DOWNSTREAM OF FE-403A IN FILTER No.4	0.25		43	*			44		0.25	FCV-F911A DOWNSTREAM OF P-F911A BACKWASH SUPPLY	
	0.25	15A, 3P	45		*		46	15A, 3P	0.25		
	0.25		47			*	48		0.25		
FV-F406A BACKWASH SUPPLY LINE IN FILTER No.4	0.25		49	*			50	60A, 3P	10.00	WELDING RECEPTACLE	
	0.25	15A, 3P	51		*		52		10.00		
	0.25		53			*	54		10.00		
FV-F407A ON AS SUPPLY LINE TO FILTER No.4	0.25		55	*			56		6.00	DP-F02	
	0.25	15A, 3P	57		*		58	60A, 3P	6.00		
	0.25		59			*	60		6.00		
FV-F933A TIE BETWEEN TRAIN 1 AND TRAIN 2	0.25		61	*			62			SPACE	
	0.25	15A, 3P	63		*		64				
	0.25		65			*	66				
Phase A Total		49.83 kW		Panel Total		151.05 kW					
Phase B Total		50.70 kW									
Phase C Total		50.52 kW									

Power Source: DP-F01		DP-F02		Location: FILTER GALLERY WEST							
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	
FV-F051A OUTLET OF AIR SCOUR BLOWERS FILTRATION	0.75		1	*			2		0.75	LCP-J701A NOZZLE INJECTOR WATER SUPPLY PUMP 1 PANEL	
	0.75	15A, 3P	3		*		4	15A, 3P	0.75		
	0.75		5			*	6		0.75		
FV-F052A OUTLET OF AIR SCOUR BLOWERS FILTRATION	0.75		7	*			8		0.25	FV-J701C DOWNSTREAM OF THE PUMP	
	0.75	15A, 3P	9		*		10	15A, 3P	0.25		
	0.75		11			*	12		0.25		
FV-F106A ON BACKWASH SUPPLY LINE IN FILTER No.1	0.25		13	*			14		0.25	FV-J703C VALVE BYPASS	
	0.25	15A, 3P	15		*		16	15A, 3P	0.25		
	0.25		17			*	18		0.25		
FV-F107A ON AS SUPPLY LINE TO FILTER No.1	0.25		19	*			20		0.75	LCP-J702A NOZZLE INJECTOR WATER SUPPLY PUMP 2 PANEL	
	0.25	15A, 3P	21		*		22	15A, 3P	0.75		
	0.25		23			*	24		0.75		
FCV-F103A DOWNSTREAM OF FE-103A IN FILTER No.1	0.25		25	*			26		0.25	FV-J702C DOWNSTREAM OF THE PUMP	
	0.25	15A, 3P	27		*		28	15A, 3P	0.25		
	0.25		29			*	30		0.25		
FV-F104A DOWNSTREAM OF FE-103A IN FILTER No.1	0.25		31	*			32		0.25	FV-F205A DOWNSTREAM OF FT-F203A IN FILTER No.2	
	0.25	15A, 3P	33		*		34	15A, 3P	0.25		
	0.25		35			*	36		0.25		
FV-F105A DOWNSTREAM OF FE-103A IN FILTER No.1	0.25		37	*			38		5.62	XFM-LP-F01 TRANSFORMER FOR LP-F01	
	0.25	15A, 3P	39		*		40	15A, 3P	6.49		
	0.25		41			*	42		6.31		
FV-F206A ON BACKWASH SUPPLY LINE IN FILTER No.2	0.25		43	*			44			SPARE	
	0.25	15A, 3P	45		*		46	15A, 3P			
	0.25		47			*	48				
FV-F207A ON AS SUPPLY LINE TO FILTER No.2	0.25		49	*			50			SPACE	
	0.25	15A, 3P	51		*		52				
	0.25		53			*	54				
FCV-F203A DOWNSTREAM OF FT-F203A IN FILTER No.2	0.25		55	*			56			SPACE	
	0.25	15A, 3P	57		*		58				
	0.25		59			*	60				
FV-F204A DOWNSTREAM OF FT-F203A IN FILTER No.2	0.25		61	*			62			SPACE	
	0.25	15A, 3P	63		*		64				
	0.25		65			*	66				
Phase A Total		11.87 kW		Panel Total		37.17 kW					
Phase B Total		12.74 kW									
Phase C Total		12.56 kW									

 APEGN Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2006	B.M. ELEV.	 Frederickson Cooper ARCHITECTS	 A Geo 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-E0529
	00 ISSUED FOR TENDER 06/03/29 LL	NO. REVISIONS	DATE BY DATE 2005/06/29	DATE 2006/03/29	WATER TREATMENT PLANT MAIN BUILDING MECHANICAL AND ELECTRICAL ELECTRICAL PANEL SCHEDULE		
					CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER 1-0601B-D-E0529-001-000		