

Power Source: DP-R21		DP-F21		Location: FILTER OUTLET GATE ROOM						
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
CD-C02A	0.18		1	*			2			
MOTORIZED EXTERIOR DOOR TO PILOT PLANT ROOM	0.18	15A,3P	3	*			4	15A,3P		SPARE
	0.18		5	*			6			
WELDING RECEPTACLE	10.00		7	*			8			
	10.00	60A,3P	9	*			10			SPACE
	10.00		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 10.18 kW
 Phase B Total 10.18 kW
 Phase C Total 10.18 kW
 Panel Total 30.54 kW

Power Source: MCC 4A		DP-F31		Location: FILTER AREA 3rd FLOOR						
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-F101A	0.50		1	*			2		0.50	FV-F102A
ON OUTLET OF FILTER INFLUENT CHANNEL	0.50	15A,3P	3	*			4	15A,3P	0.50	ON INLET OF BACKWASH CHANNEL
	0.50		5	*			6		0.50	
FV-F201A	0.50		7	*			8		0.50	FV-F202A
ON OUTLET OF FILTER INFLUENT CHANNEL	0.50	15A,3P	9	*			10	15A,3P	0.50	ON INLET OF BACKWASH CHANNEL
	0.50		11	*			12		0.50	
FV-F301A	0.50		13	*			14		0.50	FV-F302A
ON OUTLET OF FILTER INFLUENT CHANNEL	0.50	15A,3P	15	*			16	15A,3P	0.50	ON INLET OF BACKWASH CHANNEL
	0.50		17	*			18		0.50	
FV-F401A	0.50		19	*			20		0.50	FV-F402A
ON OUTLET OF FILTER INFLUENT CHANNEL	0.50	15A,3P	21	*			22	15A,3P	0.50	ON INLET OF BACKWASH CHANNEL
	0.50		23	*			24		0.50	
SLG-O210B	0.18		25	*			26		0.18	SLG-O210C
ON OUTLET OF OZONE CONTACTOR #1	0.18	15A,3P	27	*			28	15A,3P	0.18	ON OUTLET OF OZONE CONTACTOR #1
	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		Main Breaker: NO A						
Main Lugs: 225 A		Mounting: FLOOR								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
FV-F501A	0.50		1	*			2		0.50	FV-F502A
ON OUTLET OF FILTER INFLUENT CHANNEL	0.50	15A,3P	3	*			4	15A,3P	0.50	ON INLET OF BACKWASH CHANNEL
	0.50		5	*			6		0.50	
FV-F601A	0.50		7	*			8		0.50	FV-F602A
ON OUTLET OF FILTER INFLUENT CHANNEL	0.50	15A,3P	9	*			10	15A,3P	0.50	ON INLET OF BACKWASH CHANNEL
	0.50		11	*			12		0.50	
FV-F701A	0.50		13	*			14		0.50	FV-F702A
ON OUTLET OF FILTER INFLUENT CHANNEL	0.50	15A,3P	15	*			16	15A,3P	0.50	ON INLET OF BACKWASH CHANNEL
	0.50		17	*			18		0.50	
FV-F801A	0.50		19	*			20		0.50	FV-F802A
ON OUTLET OF FILTER INFLUENT CHANNEL	0.50	15A,3P	21	*			22	15A,3P	0.50	ON INLET OF BACKWASH CHANNEL
	0.50		23	*			24		0.50	
SLG-O230B	0.18		25	*			26		0.18	SLG-O230C
ON OUTLET OF OZONE CONTACTOR #2	0.18	15A,3P	27	*			28	15A,3P	0.18	ON OUTLET OF OZONE CONTACTOR #2
	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



B.M. ELEV.			
DESIGNED BY	PF	CHECKED BY	ND
DRAWN BY	YFS	APPROVED BY	AHL
SCALE:	NTS	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI
NO.	REVISIONS	DATE	BY
01	742-2005 ADDENDUM 3	06/05/05	LL
00	ISSUED FOR TENDER	06/03/29	LL
		DATE	2005/06/29
		DATE	2006/03/29

CH2MHILL
 Frederickson Cooper ARCHITECTS

EarthTech
 A Tyco International Ltd. Company

DESIGNED BY: PF
 CHECKED BY: ND
 DRAWN BY: YFS
 APPROVED BY: AHL
 SCALE: NTS
 RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI

DATE: 2005/06/29
 DATE: 2006/03/29

ENGINEER'S SEAL
 ORIGINAL SIGNED BY
 L.D. LLEWELLYN
 2006/03/29
 CONSULTANT DRAWING NO.
 WB-E0531

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
 CITY DRAWING NUMBER
 1-0601B-D-E0531-001-01D