




Power Source: MCC 4A		DP-H31		Location: ELECTRICAL ROOM 3rd FLOOR						
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
EUH-H034 ELECTRICAL ROOM No.2	1.67		1	*			2		5.00	LCP-C31
	1.67	30A,3P	3	*			4	30A,3P	5.00	MECHANICAL RM No.3
	1.67		5		*		6		5.00	NORTH AIR PLENUM HEATERS
HRU-H034 MAINTENANCE WORKSHOP HEATING AND VENTILATION	3.15		7	*			8		1.37	EUH-31 BLOWER ROOM
	3.15	15A,3P	9	*			10	15A,3P	1.37	
	3.15		11		*		12		1.37	
LCP-P31 DAF 1 FLOCCULATOR DISTRIBUTION PANEL	5.76		13	*			14		3.15	CRN-F008 MONORAIL HOIST FOR FILTER GALLERY
	5.76	30A,3P	15	*			16	15A,3P	3.15	
	5.76		17		*		18		3.15	
LCP-P32 DAF 2 FLOCCULATOR DISTRIBUTION PANEL	5.76		19	*			20		5.76	LCP-P33 DAF 3 FLOCCULATOR DISTRIBUTION PANEL
	5.76	30A,3P	21	*			22	30A,3P	5.76	
	5.76		23		*		24		5.76	
FV-F010A AIR SCOUR BLOWER OUTLET VALVE	0.19		25	*			26		5.76	LCP-P34 DAF 4 FLOCCULATOR DISTRIBUTION PANEL
	0.19	15A,3P	27	*			28	30A,3P	5.76	
	0.19		29		*		30		5.76	
SLG-O210A SLUDGE GATE OZONE CONTACTOR #1	0.42		31	*			32		0.25	CD-C03A ROOL UP DOOR
	0.42	15A,3P	33	*			34	15A,3P	0.25	
	0.42		35		*		36		0.25	
LCP-O510A OZONE DESTRUCTION CONTROL PANEL #1	5.30		37	*			38			SPARE
	5.30	30A,3P	39	*			40	15A,3P		
	5.30		41		*		42			
LCP-O530A OZONE DESTRUCTION CONTROL PANEL #3	5.30		43	*			44			SPACE
	5.30	30A,3P	45	*			46			
	5.30		47		*		48			
MXR-O210A	0.80		49	*			50			SPACE
	0.80	15A,3P	51	*			52			
	0.80		53		*		54			
SPACE			55	*			56			SPACE
			57	*			58			
			59		*		60			
SPACE			61	*			62			SPACE
			63	*			64			
			65		*		66			

Phase A Total 49.64 kW  
Phase B Total 49.64 kW  
Phase C Total 49.64 kW  
Panel Total 148.91 kW

Power Source: MCC 4B		DP-H32		Location: ELECTRICAL ROOM 3rd FLOOR						
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
MAU-H031 POLYMER STORAGE ROOM SUPPLY	1.25		1	*			2		0.50	MAU-H032 PEROXIDE STORAGE ROOM SUPPLY
	1.25	15A,3P	3	*			4	15A,3P	0.50	
	1.25		5		*		6		0.50	
MAU-H033 SBS STORAGE ROOM SUPPLY	0.75		7	*			8		0.75	AHU-H035 MECHANICAL ROOM RM HP
	0.75	15A,3P	9	*			10	15A,3P	0.75	
	0.75		11		*		12		0.75	
SLG-O230A ON INLET OF OZONE CONTACTOR #2	0.42		13	*			14			SPARE
	0.42	15A,3P	15	*			16	15A,3P		
	0.42		17		*		18			
FV-F020A OUTLET OF AIR SCOUR BLOWERS FILTRATION	0.187		19	*			20		5.30	LCP-O520A OZONE DESTURCTION CONTROL PANEL #2
	0.187	15A,3P	21	*			22	30A,3P	5.30	
	0.187		23		*		24		5.30	
LCP-P35 DAF 5 FLOCCULATOR DISTRIBUTION PANEL	5.76		25	*			26		5.76	LCP-P36 DAF 6 FLOCCULATOR DISTRIBUTION PANEL
	5.76	30A,3P	27	*			28	30A,3P	5.76	
	5.76		29		*		30		5.76	
LCP-P37 DAF 7 FLOCCULATOR DISTRIBUTION PANEL	5.76		31	*			32		5.76	LCP-P38 DAF 8 FLOCCULATOR DISTRIBUTION PANEL
	5.76	30A,3P	33	*			34	30A,3P	5.76	
	5.76		35		*		36		5.76	
MXR-O230A	0.80		37	*			38		16.42	120/208V LOADS DAF AREA 3RD FLOOR XFMR-LP-P31
	0.80	15A,3P	39	*			40	60A, 3P	16.77	
	0.80		41		*		42		14.10	
SPACE			43	*			44			SPACE
			45	*			46			
			47		*		48			
SPACE			49	*			50			SPACE
			51	*			52			
			53		*		54			
SPACE			55	*			56			SPACE
			57	*			58			
			59		*		60			
SPACE			61	*			62		10.00	MECHANICAL ROOM #No. 3 WELDING RECEPTACLE
			63	*			64	60A, 3P	10.00	
			65		*		66		10.00	

Phase A Total 59.42 kW  
Phase B Total 59.77 kW  
Phase C Total 57.10 kW  
Panel Total 176.28 kW

 <b>Certificate of Authorization</b> CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2006	B.M. ELEV.	 Frederickson Cooper ARCHITECTS	 A Terra International Ltd. Company	ENGINEER'S SEAL	 <b>THE CITY OF WINNIPEG</b> 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-E0533
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-E0533-001-000	