





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		Main Lugs: 225 A						
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	ROOL UP DOOR 31
	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			
LCP-H600A	1.25		55	*			56			SPACE
	1.25	15A,3P	57	*			58			
	1.25		59		*		60			
SPACE			61	*			62			SPACE
			63	*			64			
			65		*		66			

Phase A Total 50.89 kW
 Phase B Total 50.89 kW
 Phase C Total 50.89 kW
 Panel Total 152.66 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		Main Lugs: 225 A						
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	
LCP-H600B	1.25		43	*			44			SPACE
	1.25	15A,3P	45	*			46			
	1.25		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 60.67 kW
 Phase B Total 61.02 kW
 Phase C Total 58.35 kW
 Panel Total 180.03 kW

 Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2007	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-E0533
NO. REVISIONS	DATE BY	DATE 2005/06/29	DATE 2006/03/29	WATER TREATMENT PLANT MAIN BUILDING MECHANICAL AND ELECTRICAL	CITY FILE NUMBER	
				ELECTRICAL	SHEET OF	
				PANEL SCHEDULE	CITY DRAWING NUMBER 1-0601B-D-E0533-001-02D	