

Power Source: <b>UPS-H11</b>		<b>LP-UPS</b>		Location: <b>DAF INFLUENT GALLERY PLATFO</b>						
Feeder: <b>4/C #6</b>		Voltage: <b>208/120V, 4 wire</b>								
Main Breaker: <b>60 A</b>		Mounting: <b>WALL</b>								
Mains: <b>100 A</b>										
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
LCP-H101A	1.20	15A, 1P	1	*			2	15A, 1P		SPARE
LCP-H10A	1.20	30A, 1P	3	*			4	30A, 1P		CP-H10
LCP-F01A	1.00	30A, 1P	5	*			6	15A, 1P		SPARE
LCP-F02A	1.00	30A, 1P	7	*			8	15A, 1P		SPARE
CP-C11A	0.89	30A, 1P	9	*			10	15A, 1P		CP-C11
FIRE ALARM ANNUNCIATOR PANE	1.00	20A, 1P	11	*			12	15A, 1P		CP-O11
CP-O11A	1.00	30A, 1P	13	*			14	15A, 1P		SPARE
LCP-R21A			15	*			16			SPACE
SPACE			17	*			18			SPACE
SPACE			19	*			20			SPACE
SPACE			21	*			22			SPACE
SPACE			23	*			24			SPACE
SPACE			25	*			26			SPACE
SPACE			27	*			28			SPACE
SPACE			29	*			30			SPACE
SPACE			31	*			32			SPACE

Phase A Total **3.20 kW** Panel Total **7.29 kW**  
 Phase B Total **2.09 kW**  
 Phase C Total **2.00 kW**

Power Source: <b>UPS-H32</b>		<b>LP-UPS32</b>		Location: <b>ADMIN UPS ROOM</b>						
Feeder: <b>4/C #6</b>		Voltage: <b>208/120V, 4 wire</b>								
Main Breaker: <b>60 A</b>		Mounting: <b>WALL</b>								
Mains: <b>100 A</b>										
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
CP-H31A		30A, 1P	1	*			2	30A, 1P		SPARE
SPARE		15A, 1P	3	*			4	15A, 1P		SPARE
SPACE			5	*			6			SPACE
SPACE			7	*			8			SPACE
SPACE			9	*			10			SPACE
SPACE			11	*			12			SPACE
SPACE			13	*			14			SPACE
SPACE			15	*			16			SPACE
SPACE			17	*			18			SPACE
SPACE			19	*			20			SPACE
SPACE			21	*			22			SPACE
SPACE			23	*			24			SPACE
SPACE			25	*			26			SPACE
SPACE			27	*			28			SPACE
SPACE			29	*			30			SPACE
SPACE			31	*			32			SPACE





Phase A Total **0.00 kW** Panel Total **0.00 kW**  
 Phase B Total **0.00 kW**  
 Phase C Total **0.00 kW**

Power Source: <b>UPS-H31</b>		<b>LP-UPS31</b>		Location: <b>ELECTRICAL ROOM NO.2</b>						
Feeder: <b>4/C #6</b>		Voltage: <b>208/120V, 4 wire</b>								
Main Breaker: <b>60 A</b>		Mounting: <b>WALL</b>								
Mains: <b>100 A</b>										
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
CP-H30	1.20	30A, 1P	1	*			2	30A, 1P		LCP-R31
CP-H30A	0.50	30A, 1P	3	*			4	30A, 1P		LCP-R32
SPARE		30A, 1P	5	*			6	30A, 1P		CP-P31
CP-O30	1.00	30A, 1P	7	*			8	30A, 1P		CP-P32
CP-O30A	0.30	30A, 1P	9	*			10	30A, 1P		CP-P31A
HCP-H030	0.30	30A, 1P	11	*			12	15A, 1P		LCP-R21
HCP-H030A	1.20	30A, 1P	13	*			14			SPACE
SPARE		15A, 1P	15	*			16			SPACE
SPACE			17	*			18			SPACE
SPACE			19	*			20			SPACE
SPACE			21	*			22			SPACE
SPACE			23	*			24			SPACE
SPACE			25	*			26			SPACE
SPACE			27	*			28			SPACE
SPACE			29	*			30			SPACE
SPACE			31	*			32			SPACE

Phase A Total **3.40 kW** Panel Total **4.50 kW**  
 Phase B Total **0.80 kW**  
 Phase C Total **0.30 kW**

Power Source: <b>XFMR-LP-M11</b>		<b>LP-M11</b>		Location: <b>ELECTRICAL ROOM 1</b>						
Feeder: <b>4/C #3</b>		Voltage: <b>208/120V, 4 wire</b>								
Main Breaker: <b>100 A</b>		Mounting: <b>WALL</b>								
Mains: <b>225 A</b>										
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
LTS: ELECTRICAL ROOM 1	1.83	15A, 1P	1	*			2	15A, 1P	0.36	REC: ELECTRICAL ROOM 1
LTS: ELECTRICAL ROOM 1	1.41	15A, 1P	3	*			4	15A, 1P	0.36	REC: ELECTRICAL ROOM 1
LTS: FIRE PUMP ROOM	0.66	15A, 1P	5	*			6	15A, 1P	0.36	REC: ELECTRICAL ROOM 1
LTS: RWPS VALVE CHAMBER	0.60	30A, 1P	7	*			8	15A, 1P	0.54	REC: FIRE PUMP ROOM
LTS: RWPS VALVE CHAMBER	0.32	15A, 1P	9	*			10	15A, 1P	0.36	REC: RWPS VALVE CHAMBER
LTS: STAIR S103	0.70	20A, 1P	11	*			12	15A, 1P	0.36	REC: RWPS VALVE CHAMBER
EF-H064	0.37	20A, 1P	13	*			14	15A, 1P	0.37	EF-H063
UPS	5.00		15	*			16	15A, 1P	0.37	EF-H065
	5.00	50A, 3P	17	*			18	15A, 1P		SPARE
	5.00		19	*			20	15A, 1P		SPARE
CP-H10		30A, 1P	21	*			22	20A, 1P		SPARE
LCP-H10A		30A, 1P	23	*			24	20A, 1P		SPARE
SPACE			25	*			26	60A, 3P	4.00	UP-H11
SPACE			27	*			28		4.00	--
SPACE			29	*			30		4.00	--
SPACE			31	*			32	30A, 3P	0.50	LCP-H110
SPACE			33	*			34			SPACE
SPACE			35	*			36			SPACE
SPACE			37	*			38			SPACE
SPACE			39	*			40			SPACE
SPACE			41	*			42			SPACE

Phase A Total **13.57 kW** Panel Total **36.47 kW**  
 Phase B Total **11.82 kW**  
 Phase C Total **11.08 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 ORIGINAL SIGNED BY L.D. LLEWELLYN 2006/03/29	 <b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT ENGINEERING DIVISION WATER TREATMENT PLANT MAIN BUILDING MECHANICAL AND ELECTRICAL ELECTRICAL PANEL SCHEDULE	
	00 ISSUED FOR TENDER	06/03/29	DESIGNED BY PF	CHECKED BY ND		CITY FILE NUMBER
	NO. REVISIONS	DATE BY	DRAWN BY YFS	APPROVED BY AHL		SHEET OF
			SCALE: NTS	RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI		CITY DRAWING NUMBER
		DATE 2005/06/29	DATE 2006/03/29	CONSULTANT DRAWING NO. WB-E0535	1-0601B-D-E0535-001-000	