

Power Source: XFMR-LP-A11		LP-A11		Location: DAF INFLUENT GALLERY PLATFORM						
Feeder: 4C #1/0		Voltage: 208/120V, 4 wire		Mounting: WALL						
Main Breaker: 150 A		Mains: 225 A								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
LTS: DAF INFLUENT GALLERY	1.20	15A,1P	1	*			2	15A,1P	0.54	REC: DAF INFLUENT GALLERY
LTS: DAF INFLUENT GALLERY	1.20	15A,1P	3	*			4	15A,1P	0.54	REC: DAF INFLUENT GALLERY
LTS: PLATFORM LEVEL	1.00	15A,1P	5	*			6	15A,1P	0.36	REC: DAF INFLUENT GALLERY
LTS: PLATFORM LEVEL	1.00	15A,1P	7	*			8	15A,1P	0.36	REC: DAF INFLUENT GALLERY
LTS: PLATFORM LEVEL	0.89	15A,1P	9	*			10	15A,1P	0.54	REC: PLATFORM LEVEL
LTS: DAF INFLUENT GALLERY	1.90	20A,1P	11	*			12	15A,1P	0.54	REC: PLATFORM LEVEL
LTS: DAF INFLUENT GALLERY	1.90	20A,1P	13	*			14	15A,1P	0.36	REC: PLATFORM LEVEL
LTS: DAF INFLUENT GALLERY	1.90	15A,1P	15	*			16	15A,1P	0.20	TPD-A-1, -2
LTS: DAF INFLUENT GALLERY	1.90	15A,1P	17	*			18	15A,1P	0.20	LCP-H521A
LTS: DAF INFLUENT GALLERY	1.90	15A,1P	19	*			20	15A,1P	0.75	EC-H054
EC-H088, EC-H091	2.00	20A,1P	21	*			22	20A,1P	2.00	EC-H089, EC-H090
LTS: LOBBY, VEST, S101	1.20	15A,1P	23	*			24	30A,2P	1.90	HP-H096
LTS: S102	0.65	15A,1P	25	*			26		1.90	
LTS: ABOVE PLATFORM	0.50	15A,1P	27	*			28	30A,2P	2.00	HP-H097
LOBBY	0.20	15A,1P	29	*			30		2.00	
SPARE		15A,1P	31	*			32			SPACE
SPACE			33	*			34			SPACE
SPACE			35	*			36			SPACE
SPACE			37	*			38			SPACE
SPACE			39	*			40			SPACE
SPACE			41	*			42			SPACE

Phase A Total 10.56 kW
 Phase B Total 11.77 kW
 Phase C Total 11.2 kW
 Panel Total 33.53 kW

Power Source: XFMR-LP-A21		LP-A21		Location: ADMIN 2ND FLOOR ELEC. ROOM						
Feeder: 4C #1/0		Voltage: 208/120V, 4 wire		Mounting: WALL						
Main Breaker: 150 A		Mains: 225 A								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
LTS: ADMIN 2ND 24/7 EMCDEX	1.00	15A, 1P	1	*			2	15A 2P	0.60	HP-H099
HP-H091	1.90	30A 2P	3	*			4		0.60	
	1.90	2P	5	*			6	15A 2P	0.60	HP-H094
HP-H093	0.90	15A 2P	7	*			8		0.60	
	0.90	2P	9	*			10	15A 2P	0.65	HP-H092
HP-H095	0.75	15A 2P	11	*			12		0.65	
	0.75	2P	13	*			14	15A 2P	0.60	HP-H090
HP-H089	1.90	30A 2P	15	*			16		0.60	
	1.90	2P	17	*			18	20A, 1P	2.00	EC-H082, EC-H083
EC-H080, EC-H081	2.00	20A, 1P	19	*			20	20A, 1P	2.00	EC-H084, EC-H085
LTS: LIBRARY, FILING ROOM	1.02	15A, 1P	21	*			22	20A, 1P	2.00	EC-H086, EC-H087
LTS: OFFICES, GENERAL AREA	1.15	15A, 1P	23	*			24	15A, 1P	0.94	LTS: JANITOR, EL, WASHROOMS
LTS: OFFICES, GENERAL AREA	1.15	15A, 1P	25	*			26	15A, 1P	0.78	LTS: RECEPTION, BOARD RM
LTS: OFFICES, GENERAL AREA	1.02	15A, 1P	27	*			28	15A, 1P	0.70	LTS: RECEPTION, BOARD RM
LTS: EMERGENCY & NIGHT	0.50	15A, 1P	29	*			30	15A, 1P	1.00	COPIER OUTLET
COFFEE MACHINE	0.50	15A, 1P	31	*			32	15A, 1P		SPARE
MICROWAVE	0.50	15A, 1P	33	*			34	15A, 1P		SPARE
REC: WEST	0.80	15A, 1P	35	*			36	15A, 1P		SPARE
REC: GENERAL OFFICE AREA	0.80	15A, 1P	37	*			38	15A, 1P	0.54	REC: RECEPTION
REC: GENERAL OFFICE AREA	0.80	15A, 1P	39	*			40	15A, 1P	0.80	REC: EAST OFFICES
REC: GFI WASHROOM	0.80	15A, 1P	41	*			42			SPACE
SPACE			43	*			44			SPACE
SPACE			45	*			46			SPACE
SPACE			47	*			48			SPACE
SPACE			49	*			50			SPACE
SPACE			51	*			52			SPACE
SPACE			53	*			54			SPACE

Phase A Total 13.02 kW
 Phase B Total 13.39 kW
 Phase C Total 12.19 kW
 Panel Total 38.60 kW

Power Source: XFMR-LP-A31		LP-A31		Location: ADMIN 3RD FLOOR UPS ROOM						
Feeder: 2 x 4C #3/0		Voltage: 208/120V, 4 wire		Mounting: WALL						
Main Breaker: 400 A		Mains: 400 A								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
EF-H074	0.37	15A, 1P	1	*			2	15A, 1P	0.02	GUH-H071
EF-H087	0.20	15A, 1P	3	*			4	15A, 1P	0.20	EF-H072
EC-H075, EC-H076	2.00	20A, 1P	5	*			6	15A, 1P	0.05	EF-H066
EC-H074, EC-H073	2.00	20A, 1P	7	*			8	20A, 1P	2.00	EC-H069, EC-H070
EC-H071, EC-H072	2.00	20A, 1P	9	*			10	20A, 1P	2.00	EC-H067, EC-H068
EC-H080, EC-H081	2.00	20A, 1P	11	*			12	20A, 1P	2.00	EC-H065, EC-H066
EC-H077, EC-H078, EC-H079	2.00	20A, 1P	13	*			14	20A, 1P	2.50	EC-H062, EC-H063, EC-H064
HP-H078	0.60	15A, 2P	15	*			16	15A, 2P	0.85	HP-H079
	0.60		17	*			18		0.85	
HP-H083	0.90	15A, 2P	19	*			20	15A, 2P	0.38	HP-H098
	0.90		21	*			22		0.38	
HP-H085	0.70	15A, 2P	23	*			24		1.80	
	0.70		25	*			26	40A, 3P	1.80	HP-H082
HP-H086	2.10	40A, 2P	27	*			28		1.80	
	2.10		29	*			30	15A, 2P	0.85	HP-H088
LTS: ADMIN ROOF PENTH.	0.15	15A, 1P	31	*			32		0.85	
REC:	0.18	15A, 1P	33	*			34	15A, 2P	0.85	HP-H080
HP-H070	2.80	50A, 2P	35	*			36		0.85	
	2.80		37	*			38		5.00	
HP-H087	0.85	15A, 2P	39	*			40	60A, 3P	5.00	UPS-A31
	0.85		41	*			42		5.00	
SPACE			43	*			44	15A, 2P	0.85	HP-H081
SPACE			45	*			46		0.85	
HP-H084	0.60	15A, 2P	47	*			48	40A, 2P	2.10	HP-H077
	0.60		49	*			50		2.10	
FRIDGE	0.60	15A, 1P	51	*			52	30A, 1P		CP-H31A
MICROWAVE 1	1.10	15A, 1P	53	*			54	15A, 1P		EF-H075
MICROWAVE 2	1.10	15A, 1P	55	*			56	15A, 1P		EF-H076
COFFEE MACHINE	0.80	15A, 1P	57	*			58			SPACE
REC: ADMIN 3RD FLOOR	0.80	15A, 1P	59	*			60	15A, 1P	0.80	REC: ADMIN 3RD FLOOR NE
LTS: 24/7	1.10	15A, 1P	61	*			62	15A, 1P	0.80	REC: ADMIN 3RD FLOOR EAST
LTS: ADMIN 3RD FLOOR NE	1.40	15A, 1P	63	*			64	15A, 1P	0.80	REC: ADMIN 3RD FLOOR EAST
LTS: ADMIN 3RD FLOOR NE	1.50	15A, 1P	65	*			66	15A, 1P	0.60	REC: ADMIN 3RD FLOOR EAST
LTS: ADMIN 3RD FLOOR SE	1.30	15A, 1P	67	*			68	15A, 1P	0.80	REC: ADMIN 3RD FLOOR EAST
LTS: ADMIN 3RD FLOOR SE	1.30	15A, 1P	69	*			70	15A, 1P	0.80	REC: ADMIN 3RD FLOOR NE
LTS: ADMIN 3RD FLOOR NCENTRE	1.20	15A, 1P	71	*			72	15A, 1P	0.60	REC: ADMIN 3RD FLOOR SE
LTS: ADMIN 3RD FLOOR NCENTRE	1.20	15A, 1P	73	*			74	15A, 1P	0.60	REC: ADMIN 3RD FLOOR CENTRE
LTS: ADMIN 3RD FLOOR SW	0.90	15A, 1P	75	*			76	15A, 1P	0.80	REC: ADMIN 3RD FLOOR CENTRE
LTS: ADMIN 3RD FLOOR NW	1.10	15A, 1P	77	*			78	15A, 1P	0.80	REC: ADMIN 3RD FLOOR CENTRE
REC: ADMIN 3RD FLOOR NW	0.60	15A, 1P	79	*			80	15A, 1P	0.60	REC: ADMIN 3RD FLOOR PRINTER
REC: ADMIN 3RD FLOOR NCENTRE	0.60	15A, 1P	81	*			82	15A, 1P	0.60	REC: ADMIN 3RD FLOOR PRINTER
REC: ADMIN 3RD FLOOR SW	0.80	15A, 1P	83	*			84	15A, 1P	0.80	REC: ADMIN 3RD FLOOR SW

Phase A Total 33.115 kW
 Phase B Total 27.38 kW
 Phase C Total 35.25 kW
 Panel Total 95.73 kW

<p>Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2007</p>	<p>Frederickson Cooper ARCHITECTS</p>	<p>A 100 International Ltd. Company</p>	ENGINEER'S SEAL ORIGINAL SIGNED BY L.D. LLEWELLYN 2006/03/29	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>
			DESIGNED BY PF CHECKED BY ND DRAWN BY YFS APPROVED BY AHL SCALE: NTS RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI	
B.M. ELEV.			CONSULTANT DRAWING NO. WB-E0526	CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER 1-0601B-D-E0526-001-010
NO. REVISIONS		DATE BY	DATE 2005/06/29	DATE 2006/03/29