SHEET: COW-A1 (05/2005)

UPS-LP-H11

Power Source: UPS-H11 | Location: DAF PUMP GALLERY
Feeder: 4/C #4 | Voltage: 208/120V, 4 wire
Main Breaker: 60 A | Mounting: WALL
Mains: 100 A

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
Phase B Total 2.09 kW
Phase C Total 2.00 kW
Panel Total 7.29 kW

UPS-LP-A31

Power Source: UPS-A31 | Location: ADMIN UPS ROOM
Feeder: 4/C #4 | Voltage: 208/120V, 4 wire
Main Breaker: 60 A | Mounting: WALL
Mains: 100 A

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
Phase B Total 0.00 kW
Phase C Total 0.00 kW
Panel Total 0.00 kW

UPS-LP-H31

Power Source: UPS-H31 | Location: ELECTRICAL ROOM NO.2
Feeder: 4/C #4 | Voltage: 208/120V, 4 wire
Main Breaker: 60 A | Mounting: WALL
Mains: 100 A

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
Phase B Total 0.80 kW
Phase C Total 0.30 kW
Panel Total 4.50 kW

LP-M11

Power Source: XFMR-LP-M11 | Location: ELECTRICAL ROOM 1
Feeder: 4/C #3 | Voltage: 208/120V, 4 wire
Main Breaker: 100 A | Mounting: WALL
Mains: 225 A

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
SPACE			15		*		16	15A,1P	0.37	EF-H065
SPACE			17			*	18	15A,1P		SPARE
SPACE			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		5.00	
SPACE			27		*		28	60A,3P	5.00	UPS-H11
SPACE			29			*	30		5.00	
SPACE			31	*			32	30A,3P	0.50	LCP-H10
SPACE			33		*		34			SPACE
SPACE			35			*	36			SPACE
SPACE			37	*			38			SPACE
SPACE			39		*		40			SPACE
SPACE			41			*	42			SPACE

Phase A Total 9.57 kW
Phase B Total 7.82 kW
Phase C Total 7.08 kW
Panel Total 24.47 kW

APEGM
Certificate of Authorization
CH2M HILL Canada Ltd.
No. 1441 Expiry: April 30, 2007

B.M. ELEV.

NO.	REVISIONS	DATE	BY
01	742-2005 ADDENDUM 3	06/05/05	LL
00	ISSUED FOR TENDER	06/03/29	LL

CH2MHILL Fredericksen 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-E0535

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-E0535-001-01D

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