SHEET: COW-A1 (05/2005)

01

Power Source: MCC 2A | **DP-C13** | Location: WORKSHOP
Feeder: 3C #3 | Voltage: 600V/3Ø/3 WIRE
Main Breaker: NO A | Mounting: FLOOR
Main Lugs: 225 A

DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
PV-0010A	26.00	100A, 3P	1	*			2	15A, 3P		SPARE
	26.00		3		*		4			
	26.00		5			*	6			
SPACE			7	*			8			SPACE
			9		*		10			
			11			*	12			
SPACE			13	*			14			SPACE
			15		*		16			
			17			*	18			
SPACE			19	*			20			SPACE
			21		*		22			
			23			*	24			
SPACE			25	*			26			SPACE
			27		*		28			
			29			*	30			
SPACE			31	*			32			SPACE
			33		*		34			
			35			*	36			
SPACE			37	*			38			SPACE
			39		*		40			
			41			*	42			
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			SPACE
			63		*		64			
			65			*	66			

Phase A Total 26 kW
Phase B Total 26 kW
Phase C Total 26 kW

Panel Total 78 kW

01

Power Source: XFMR-LP-C11 | **LP-C11** | Location: MAINTENANCE WORKSHOP
Feeder: 4C #2/0 02 | Voltage: 208/120V, 4 wire
Main Breaker: 150 A | Mounting: WALL 01
Mains: 225 A

DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
LTS: GRINDERS AND WELDING ROOM	0.73	15A,1P	1	*			2	15A,1P	0.54	REC: GRINDERS AND WELDING ROOM
LTS: MECH. & ELEC. STORAGE	1.15	15A,1P	3		*		4	15A,1P	0.20	GUH-H036, TPD-C-1
LTS: ELEC. SHOP, SBS & WASTE	1.50	15A,1P	5			*	6	15A,1P	0.20	EF-H044
LTS: POLYMER PREP. & PEROXIDE	0.89	15A,1P	7	*			8	15A,1P	0.36	REC: MECH. AND ELEC. STORAGE
01 TPD-C-2	0.10	15A,1P	9		*		10	15A,1P	0.36	REC: MECH. AND ELEC. STORAGE
LTS: ACCES CORRIDOR NO. 3	0.51	20A,1P	11			*	12	15A,1P	0.54	REC: ELECTRICAL SHOP
SPARE		20A,1P	13	*			14	15A,1P	0.36	REC: ELECTRICAL SHOP
LTS: RECEIVING	1.24	15A,1P	15		*		16	15A,1P	0.54	REC: SBS STORAGE AND FEED ROOM
EC-H038	0.56	15A,1P	17			*	18	15A,1P	0.54	REC: POLYMER PREPARATION
LTS: STAIR S107, 108	0.90	15A,1P	19	*			20	15A,1P	0.54	REC: PEROXIDE STORAGE
SPARE		15A,1P	21		*		22	15A,1P	0.36	REC: WORKSHOP MAINT. ROOM
LTS O&M MANUALS, WASH, VEST. #3	1.02	15A,1P	23			*	24	15A,1P	0.56	REC: DRY POLYMER
LTS: MECH.&ELEC. KITCHEN & OFFICE	1.50	15A,1P	25	*			26	15A,1P	0.36	REC: DRY POLYMER
LTS: SLOW MOVING INVENT. & POLY PI	1.30	15A,1P	27		*		28	15A,1P	0.36	REC: INSTR. REPAIR SHOP
SPARE	0.83	15A,1P	29			*	30	15A,1P	0.36	REC:INSTR. REPAIR SHOP
LTS: WORKSHOP MAINT. ROOM	1.43	15A,1P	31	*			32	15A,1P	0.54	REC: MECH. AND ELEC. TECH
LTS: WORKSHOP MAINT. ROOM	1.43	15A,1P	33		*		34	15A,1P	0.54	REC: COFFEE ROOM & OFFICE 01
LTS: POLYMER AREA	1.43	15A,1P	35			*	36	15A,1P	0.36	REC: SLOW MOVING INVENTORY
LTS: POLYMER AREA	1.43	15A,1P	37	*			38	15A,1P	0.36	REC: POLYMER PREP. PLATFORM
SPARE		15A,1P	39		*		40	15A,1P	0.37	LCP-C970A
SPARE		15A,1P	41			*	42	15A,1P	0.37	FV-C064B
FV-C073A	0.37	15A,1P	43	*			44	15A,1P	0.37	FV-C065B
EC-H038, EC-H039, EC-H040	1.50	20A,1P	45		*		46	15A,1P	0.75	EC-H037
LCP-C800A	0.20	15A,1P	47			*	48	15A, 1P		CP-C11
SPACE			49	*			50	15A, 1P		CP-C11A
SPACE			51		*		52			SPACE
SPACE			53			*	54			SPACE
SPACE			55	*			56			SPACE
SPACE			57		*		58			SPACE
SPACE			59			*	60			SPACE
SPACE			61	*			62			SPACE
SPACE			63		*		64			SPACE
SPACE			65			*	66			SPACE
SPACE			67	*			68			SPACE
SPACE			69		*		70			SPACE
SPACE			71			*	72			SPACE

Phase A Total 10.68 kW
Phase B Total 10.2 kW
Phase C Total 8.98 kW

Panel Total 29.86 kW

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

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
02	742-2005 ADDENDUM 4	06/05/12	LL
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-E0528

Winnipeg
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-E0528-001-02D

Last Save: 2006-05-10 1:33 PM

P:\EARTHTECH\321352WINNIPEGWTP\NDM\DESIGN\ACAD\742-POSTTENDER\DN_WB-E0528_CH2M.DWG