





Power Source: MCC 2A		DP-C11		Location: WORKSHOP						
Feeder: 3C #3		Voltage: 600V/3Ø/3 WIRE		Main Breaker: NO A						
Main Lugs: 225 A		Mounting: FLOOR								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
LCP-C071A SLUDGE POLY PUMP FEED	1.10		1	*			2			SPARE
	1.10	15A, 3P	3		*		4	15A, 3P		
	1.10		5		*		6			
LCP-C061A FILTER AID FEED PANEL	1.00		7	*			8		0.35	ROOL UP DOOR 7
	1.00	15A, 3P	9		*		10	15A, 3P	0.35	ROOL UP DOOR 8
	1.00		11		*		12		0.35	
LCP-C063A FILTER AID FEED PANEL	1.00		13	*			14		0.35	ROOL UP DOOR 1
	1.00	15A, 3P	15		*		16	15A, 3P	0.35	ROOL UP DOOR 2
	1.00		17		*		18		0.35	
CRN-C020C BULK BAG HOIST #1	0.75		19	*			20		0.35	ROOL UP DOOR 6
	0.75	15A, 3P	21		*		22	15A, 3P	0.35	ROOL UP DOOR 3
	0.75		23		*		24		0.35	
PCU-C020 FILTER POLYMER BULK UNLOADING AND CONVEYANCE UNIT	2.00		25	*			26		10.00	
	2.00	15A, 3P	27		*		28	60A, 3P	10.00	WELDING RECEPTACLE
	2.00		29		*		30		10.00	
PPU-C021 FILTER AID POLYMER PREPARATION UNIT	0.37		31	*			32		1.00	
	0.37	15A, 3P	33		*		34	15A, 3P	1.00	EUH-H033 HAZADOUS WASTE ROOM
	0.37		35		*		36		1.00	
FV-C810B UPSTREAM HYDROGEN PEROXIDE FEED	0.20		37	*			38		0.25	LCP-C840A HYDROGEN PEROXIDE METERING PUMP PANEL
	0.20	15A, 3P	39		*		40	15A, 3P	0.25	
	0.20		41		*		42		0.25	
FV-C860C DOWNSTREAM HYDROGEN PEROXIDE	0.20		43	*			44		0.25	LCP-C850A HYDROGEN PEROXIDE METERING PUMP PANEL
	0.20	15A, 3P	45		*		46	15A, 3P	0.25	
	0.20		47		*		48		0.25	
FV-C970C DOWNSTREAM SODIUM BISULPHITE	0.20		49	*			50		0.62	CFR-C020B FILTER POLYMER BULK BAG UNLOADER
	0.20	15A, 3P	51		*		52	15A, 3P	0.62	
	0.20		53		*		54		0.62	
LCP-C950A SODIUM BISULPHATE GEAR PUMP PANEL	0.20		55	*			56		5.00	CRN-M001 MAINTENANCE WORKSHOP
	0.20	15A, 3P	57		*		58	15A, 3P	5.00	
	0.20		59		*		60		5.00	
LCP-C970A SODIUM BISULPHATE GEAR PUMP PANEL	0.20		61	*			62			SPACE
	0.20	15A, 3P	63		*		64			
	0.20		65		*		66			

Phase A Total 25.393 kW
Phase B Total 25.393 kW
Phase C Total 25.393 kW
Panel Total 76.179 kW

Power Source: MCC 2B		DP-C12		Location: WORKSHOP						
Feeder: 3C #3		Voltage: 600V/3Ø/3 WIRE		Main Breaker: NO A						
Main Lugs: 400 A		Mounting: FLOOR								
DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
LCP-C072A SLUDGE POLY PUMP FEED	0.18		1	*			2		0.35	ROOL UP DOOR 4
	0.18	15A, 3P	3		*		4	15A, 3P	0.35	ROOL UP DOOR 5
	0.18		5		*		6		0.35	
LCP-C062A FILTER AID FEED PANEL	0.90		7	*			8		0.35	ROOL UP DOOR 9
	0.90	15A, 3P	9		*		10	15A, 3P	0.35	ROOL UP DOOR 10
	0.90		11		*		12		0.35	
SPARE			13	*			14		0.35	
		15A, 3P	15		*		16	15A, 3P	0.35	ROOL UP DOOR 11
			17		*		18		0.35	
CRN-C030C BULK BAG HOIST #2	0.75		19	*			20		1.00	EUH-H032 RECYCLE ROOM
	0.75	15A, 3P	21		*		22	15A, 3P	1.00	
	0.75		23		*		24		1.00	
PCU-C030 SLUDGE POLYMER BULK BAG UNLOADING AND CONVEYANCE UNIT	2.00		25	*			26		10.00	
	2.00	15A, 3P	27		*		28	60A, 3P	10.00	WELDING RECEPTACLE
	2.00		29		*		30		10.00	
LCP-C031 SLUDGE POLYMER PREPARATION UNIT	0.38		31	*			32		0.20	FV-C970D SBS STORAGE AND FEED ROOM
	0.38	15A, 3P	33		*		34	15A, 3P	0.20	
	0.38		35		*		36		0.20	
FV-C820B UPSTREAM HYDROGEN PEROXIDE FEED	0.20		37	*			38		0.60	CFR-C030B SLUDGE POLYMER BULK UNLOADER #1
	0.20	15A, 3P	39		*		40	15A, 3P	0.60	
	0.20		41		*		42		0.60	
LCP-C860A HYDROGEN PEROXIDE METERING PUMP PANEL	0.25		43	*			44		0.20	PPU-C001 STANDBY EMULSION POLYMER PREPARATION UNIT
	0.25	15A, 3P	45		*		46	15A, 3P	0.20	
	0.25		47		*		48		0.20	
FV-C860D DOWNSTREAM HYDROGEN PEROXIDE METERING	0.20		49	*			50		0.28	
	0.20	15A, 3P	51		*		52	15A, 3P	0.28	LCP-0020A
	0.20		53		*		54		0.28	
LCP-C960A SODIUM BISULPHATE GEAR PUMP PANEL	0.20		55	*			56			SPACE
	0.20	15A, 3P	57		*		58			
	0.20		59		*		60			
SPACE			61	*			62			
			63		*		64			SPACE
			65		*		66			

Phase A Total 18.385 kW
Phase B Total 18.385 kW
Phase C Total 18.385 kW
Panel Total 55.155 kW

 APEGN Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2007	B.M. ELEV.	 CH2MHILL Frederickson Cooper ARCHITECTS	 EarthTech A Geo 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-E0527		
	NO. REVISIONS	DATE BY	DATE	2005/06/29	DATE	2006/03/29		WATER TREATMENT PLANT MAIN BUILDING MECHANICAL AND ELECTRICAL ELECTRICAL PANEL SCHEDULE	CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER 1-0601B-D-E0527-001-01D