





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	15A, 3P	1	*			2	15A, 3P		SPARE
	1.10		3	*			4			
	1.10		5	*			6			
LCP-C061A FILTER AID FEED PANEL	1.00	15A, 3P	7	*			8	15A, 3P	0.35	CD-C01A
	1.00		9	*			10		0.35	CD-C01B
	1.00		11	*			12		0.35	ROOL UP DOOR
LCP-C063A FILTER AID FEED PANEL	1.00	15A, 3P	13	*			14	15A, 3P	0.35	CD-C01C
	1.00		15	*			16		0.35	CD-C01D
	1.00		17	*			18		0.35	ROOL UP DOOR
CRN-C020C BULK BAG HOIST #1	0.75	15A, 3P	19	*			20	15A, 3P	0.35	CD-C01E
	0.75		21	*			22		0.35	CD-C01F
	0.75		23	*			24		0.35	ROOL UP DOOR
PCU-C020 FILTER POLYMER BULK UNLOADING AND CONVEYANCE UNIT	2.00	15A, 3P	25	*			26	60A, 3P	10.00	WELDING RECEPTACLE
	2.00		27	*			28			
	2.00		29	*			30			
PPU-C021 FILTER AID POLYMER PREPARATION UNIT	0.37	15A, 3P	31	*			32	15A, 3P	1.00	EUH-H033 HAZADOUS WASTE ROOM
	0.37		33	*			34			
	0.37		35	*			36			
FV-C810B UPSTREAM HYDROGEN PEROXIDE FEED	0.20	15A, 3P	37	*			38	15A, 3P	0.25	LCP-C840A
	0.20		39	*			40		0.25	HYDROGEN PEROXIDE METERING PUMP PANEL
	0.20		41	*			42		0.25	
FV-C860C DOWNSTREAM HYDROGEN PEROXIDE	0.20	15A, 3P	43	*			44	15A, 3P	0.25	LCP-C850A
	0.20		45	*			46		0.25	HYDROGEN PEROXIDE METERING PUMP PANEL
	0.20		47	*			48		0.25	
FV-C970C DOWNSTREAM SODIUM BISULPHITE	0.20	15A, 3P	49	*			50	15A, 3P	0.62	CFR-C020B
	0.20		51	*			52		0.62	FILTER POLYMER BULK BAG UNLOADER
	0.20		53	*			54		0.62	
LCP-C950A SODIUM BISULPHATE GEAR PUMP PANEL	0.20	15A, 3P	55	*			56	15A, 3P	5.00	CRN-M001
	0.20		57	*			58		5.00	MAINTENANCE WORKSHOP
	0.20		59	*			60		5.00	
LCP-C970A SODIUM BISULPHATE GEAR PUMP PANEL	0.20	15A, 3P	61	*			62			SPACE
	0.20		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	15A, 3P	1	*			2	15A, 3P	0.35	CD-C01G
	0.18		3	*			4		0.35	CD-C01H
	0.18		5	*			6		0.35	ROOL UP DOOR
LCP-C062A FILTER AID FEED PANEL	0.90	15A, 3P	7	*			8	15A, 3P	0.35	CD-C01I
	0.90		9	*			10		0.35	CD-C01J
	0.90		11	*			12		0.35	ROOL UP DOOR
SPARE		15A, 3P	13	*			14	15A, 3P	0.35	CD-C01A ROOL UP DOOR
			15	*			16		0.35	
			17	*			18		0.35	
CRN-C030C BULK BAG HOIST #2	0.75	15A, 3P	19	*			20	15A, 3P	1.00	EUH-H032 RECYCLE ROOM
	0.75		21	*			22		1.00	
	0.75		23	*			24		1.00	
PCU-C030 SLUDGE POLYMER BULK BAG UNLOADING AND CONVEYANCE UNIT	2.00	15A, 3P	25	*			26	60A, 3P	10.00	WELDING RECEPTACLE
	2.00		27	*			28		10.00	
	2.00		29	*			30		10.00	
LCP-C031 SLUDGE POLYMER PREPARATION UNIT	0.38	15A, 3P	31	*			32	15A, 3P	0.20	FV-C970D SBS STORAGE AND FEED ROOM
	0.38		33	*			34		0.20	
	0.38		35	*			36		0.20	
FV-C820B UPSTREAM HYDROGEN PEROXIDE FEED	0.20	15A, 3P	37	*			38	15A, 3P	0.60	CFR-C030B SLUDGE POLYMER BULK UNLOADER #1
	0.20		39	*			40		0.60	
	0.20		41	*			42		0.60	
LCP-C860A HYDROGEN PEROXIDE METERING PUMP PANEL	0.25	15A, 3P	43	*			44	15A, 3P	0.20	PPU-C001 STANDBY EMULSION POLYMER PREPARATION UNIT
	0.25		45	*			46		0.20	
	0.25		47	*			48		0.20	
FV-C860D DOWNSTREAM HYDROGEN PEROXIDE METERING	0.20	15A, 3P	49	*			50	15A, 3P	0.28	LCP-O020A
	0.20		51	*			52		0.28	
	0.20		53	*			54		0.28	
LCP-C960A SODIUM BISULPHATE GEAR PUMP PANEL	0.20	15A, 3P	55	*			56			SPACE
	0.20		57	*			58			
	0.20		59	*			60			
SPACE			61	*			62			SPACE
			63	*			64			
			65	*			66			

 Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2006	B.M. ELEV.	 Frederickson Cooper ARCHITECTS	 A Terra 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
00 ISSUED FOR TENDER NO. REVISIONS	06/03/29 LL DATE BY	DATE 2005/06/29	DATE 2006/03/29	WATER TREATMENT PLANT MAIN BUILDING MECHANICAL AND ELECTRICAL	CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER 1-0601B-D-E0527-001-000	