

DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
Power Source: MCC 3B ⚠️ Location: RESIDUALS SECOND FLOOR Feeder: 3C #350 DP-R21 Voltage: 600V/3Ø/3 wire Main Breaker: NO A Mounting: FLOOR Main Lugs: 225 A										
SLG-R100A ON WRT INLET CHANNEL	0.21		1	*			2		0.21	SLG-R200A ON WRT INLET CHANNEL
	0.21	15A,3P	3	*			4	15A,3P	0.21	
	0.21		5	*			6		0.21	
FV-R100A ON LINE TO SUPERNATANT PUMP STATION	0.19		7	*			8		0.19	FV-R200A ON LINE TO SUPERNATANT PUMP STATION
	0.19	15A,3P	9	*			10	15A,3P	0.19	
	0.19		11	*			12		0.19	
LCP-R001C SLUDGE FLOCCULATION MIXER MxR-R001C VFD	0.25		13	*			14		1.87	LCP-R710C MIXER 1 MxR-R710C VFD
	0.25	15A,3P	15	*			16	15A,3P	1.87	
	0.25		17	*			18		1.87	
FV-R710A ON LINE FROM GRAVITY THICKENER 1	0.19		19	*			20		0.50	LCP-R500A SLUDGE THICKENER RAKE DRIVE PANEL #1
	0.19	15A,3P	21	*			22	15A,3P	0.50	
	0.19		23	*			24		0.50	
CRN-R002 MONORAIL HOIST FOR RESIDUALS SUPERNATANT PUMPS	3.15		25	*			26		3.15	CRN-R003 MONORAIL HOIST FOR RESIDUALS GRAVITY THICKENERS
	3.15	15A,3P	27	*			28	15A,3P	3.15	
	3.15		29	*			30		3.15	
WELDING RECEPTACLE ⚠️	10.00		31	*			32			SPACE
	10.00	60A,3P	33	*			34			
	10.00		35	*			36			
SPACE			37	*			38			
			39	*			40			
			41	*			42			
SPACE			43	*			44			
			45	*			46			
			47	*			48			
SPACE			49	*			50			
			51	*			52			
			53	*			54			
DP-F21 FOR PILOT ROOM	26.60		55	*			56			
	26.60	100A,3P	57	*			58			
	26.60		59	*			60			
DP-R22 FOR RESIDUALS AREA EAST	13.99		61	*			62			
	13.99	60A,3P	63	*			64	60A,3P		WELDING RECEPTACLES
	13.99		65	*			66			

Phase A Total 60.48 kW
Phase B Total 60.48 kW
Phase C Total 60.48 kW

Panel Total 181.45 kW

DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
Power Source: DP-R21 DP-R22 Location: RESIDUALS SECOND FLOOR Feeder: 3C #4 Voltage: 600V/3Ø/3 wire Main Breaker: NO A Mounting: FLOOR Main Lugs: 225 A										
SLG-R300A ON WRT INLET CHANNEL	0.21		1	*			2		0.21	SLG-R400A ON WRT INLET CHANNEL
	0.21	15A,3P	3	*			4	15A,3P	0.21	
	0.21		5	*			6		0.21	
FV-R300A ON LINE TO SUPERNATANT PUMP STATION	0.19		7	*			8		0.19	FV-R400A ON LINE TO SUPERNATANT PUMP STATION
	0.19	15A,3P	9	*			10	15A,3P	0.19	
	0.19		11	*			12		0.19	
SPARE			13	*			14		1.87	LCP-R720C MIXER 2 MxR-R720C VFD
		15A,3P	15	*			16	15A,3P	1.87	
			17	*			18		1.87	
FV-R720A ON LINE FROM GRAVITY THICKENER 1	0.19		19	*			20		0.50	LCP-R600A SLUDGE THICKENER RAKE DRIVE PANEL #2
	0.19	15A,3P	21	*			22	15A,3P	0.50	
	0.19		23	*			24		0.50	
CRN-R001 MONORAIL HOIST FOR RESIDUALS WRT TANKS	3.55		25	*			26		3.55	CRN-R005 MONORAIL HOIST FOR RESIDUALS SOUTH GALERY
	3.55	15A,3P	27	*			28	15A,3P	3.55	
	3.55		29	*			30		3.55	
CRN-R004 MONORAIL HOIST FOR RESIDUALS GRAVITY THICKENERS	3.55		31	*			32			SPACE
	3.55	15A,3P	33	*			34	15A,3P		
	3.55		35	*			36			
SPACE			37	*			38			
			39	*			40			
			41	*			42			
SPACE			43	*			44			
			45	*			46			
			47	*			48			
SPACE			49	*			50			
			51	*			52			
			53	*			54			
SPACE			55	*			56			
			57	*			58			
			59	*			60			
SPACE			61	*			62			
			63	*			64			
			65	*			66			





Phase A Total 13.99 kW
Phase B Total 13.99 kW
Phase C Total 13.99 kW

Panel Total 41.98 kW

DESCRIPTION	LOAD	BKR	CCT	A	B	C	CCT	BKR	LOAD	DESCRIPTION
Power Source: MCC 4A DP-R31 Location: MECH.ROOM No.2 Feeder: 3C #350 ⚠️ Voltage: 600V/3Ø/3 wire Main Breaker: NO A Mounting: FLOOR Main Lugs: 225 A										
MAU-H001 FILTER GALLERY SUPPLY	3.73		1	*			2		1.90	MAU-H011 PILOT PLANT ROOM SUPPLY
	3.73	15A,3P	3	*			4	15A,3P	1.90	
	3.73		5	*			6		1.90	
MAU-H012	3.73		7	*			8		11.70	LCP-R31 MECHANICAL ROOM No.2 NORTH AIR PLENUM HEATER
	3.73	15A,3P	9	*			10	60A,3P	11.70	
	3.73		11	*			12		11.70	
HRU-H022 OZONE GENERATOR ROOM HEATION AND VENTILATION	5.36		13	*			14		3.73	MAU-H021 OZONE GENERATION ROOM EMERGENCY SUPPLY
	5.36	30A,3P	15	*			16	15A,3P	3.73	
	5.36		17	*			18		3.73	
MAU-H051 DAF PROCESS GALLERY SUPPLY	7.50		19	*			20		10.00	WELDING RECEPTACLE
	7.50	15A,3P	21	*			22	60A,3P	10.00	
	7.50		23	*			24		10.00	
SPARE			25	*			26		4.45	120/208V LOADS RESIDUALS AREA 2ND FLOOR MFR-LP-R31
		15A,3P	27	*			28	40A,3P	3.72	
			29	*			30		5.20	
SPACE			31	*			32			
			33	*			34			
			35	*			36			
SPACE			37	*			38			
			39	*			40			
			41	*			42			
SPACE			43	*			44			
			45	*			46			
			47	*			48			
SPACE			49	*			50			
			51	*			52			
			53	*			54			
SPACE			55	*			56			
			57	*			58			
			59	*			60			
SPACE			61	*			62			
			63	*			64			
			65	*			66			

Phase A Total 52.10 kW
Phase B Total 51.37 kW
Phase C Total 52.85 kW

Panel Total 156.32 kW

 APEGH Certificate of Authorization CH2M HILL Canada Ltd. No. 1441 Expiry: April 30, 2007	B.M. ELEV.	 Frederickson Cooper ARCHITECTS	 A Terra International Ltd. Company	ENGINEER'S SEAL ORIGINAL SIGNED BY L.D. LLEWELLYN 2006/03/29	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION WATER TREATMENT PLANT MAIN BUILDING MECHANICAL AND ELECTRICAL ELECTRICAL PANEL SCHEDULE
DESIGNED BY PF CHECKED BY ND DRAWN BY YFS APPROVED BY AHL SCALE: NTS RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI		CONSULTANT DRAWING NO. WB-E0538		CITY FILE NUMBER: _____ SHEET OF: _____ CITY DRAWING NUMBER: 1-0601B-D-E0538-001-01D	
NO. REVISIONS DATE BY DATE 2005/06/29 DATE 2006/03/29		01 742-2005 ADDENDUM 3 06/05/05 LL 00 ISSUED FOR TENDER 06/03/29 LL		DATE 2005/06/29 DATE 2006/03/29	