

PANEL ID: PANEL-A (EXISTING)		AMPS: 250	VOLTS: 120/208V	PHASE: 3 P	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input type="checkbox"/>							
DESCRIPTION: 120/208V UPS PANELBOARD		LOCATION: VALVE CHAMBER UPPER FLOOR												
MFG / MODEL: EATON		INTERRUPTING RATING: 10 KA												
MAIN BREAKER: PRL-4/PRL-1a		INST. SETTINGS: N/A												
CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A	B	C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.
1	INTERIOR LIGHTING			15										2
3	EXTERIOR LIGHTING			15					5000	20			UNIT HEATER No. 1	4
5	SPARE			15										6
7	SPARE			30									UNIT HEATER No. 2	8
9	SPARE			15										10
11	SPARE			15										12
13	SPARE			15					5000	20			UNIT HEATER No. 3	14
15	SPARE			15										16
17	SPARE			15										18
19	BASEMENT RECEPTACLE			15										20
21	EXHAUST FAN			15					5000	20			UNIT HEATER No. 4	22
23	SPARE			15										24
25	BASEMENT RECEPTACLE			15						100	3		UPS-Y712	26
27	SPARE			15						2P			SPARE	28
29	SPARE			15										30
TOTAL CONNECTED LOAD:		000.0 KVA	PHASE A:	000.0 KVA	000.0 A							NOTE LEGEND:		
		000.0 A (AVG)	PHASE B:	000.0 KVA	000.0 A							AFCI ARC FAULT CIRCUIT INTERRUPTOR		
		000.0 A (MAX)	PHASE C:	000.0 KVA	000.0 A							GFCI GROUND FAULT CIRCUIT INTERRUPTOR		
												LOCK LOCKED BREAKER		
NOTES:														
1. NEMA 1A ENCLOSURE														
2. PANEL SCHEDULE IS BASED ON EXISTING DOCUMENTATION.														
3. EXISTING LOADS HAVE NOT BEEN CALCULATED.														

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PANEL ID: PNL-Y712U		AMPS: 100	VOLTS: 120/208V	PHASE: 1 P	WIRE: 3	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input type="checkbox"/>							
DESCRIPTION: 120/208V UPS PANELBOARD		LOCATION: VALVE CHAMBER UPPER FLOOR												
MFG / MODEL: EATON		INTERRUPTING RATING: 10 KA												
MAIN BREAKER: 90A, 2 POLE		INST. SETTINGS: N/A												
CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	L1	L2	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.	
1	MAIN FLOOR RECEPTACLE			15					15			PLC PANEL	2	
3	FIBER OPTIC PANEL			15					15			HVAC CONTROL PANEL	4	
5	SPARE			15								SPARE	6	
7	SPARE			15								SPARE	8	
9	SPARE			15								SPARE	10	
11	SPARE			15								SPARE	12	
13	SPARE			15								SPARE	14	
15	SPARE			15								SPARE	16	
17	SPARE			15								SPARE	18	
19	SPARE			15								SPARE	20	
21	SPARE			15								SPARE	22	
23	SPARE			15								SPARE	24	
25	SPARE			15								SPARE	26	
27	SPARE			15								SPARE	28	
29	SPARE			15								SPARE	30	
TOTAL CONNECTED LOAD:		000.0 KVA	LINE 1:	0 KVA	0 A							NOTE LEGEND:		
		000.0 A (AVG)	LINE 2:	0 KVA	0 A							AFCI ARC FAULT CIRCUIT INTERRUPTOR		
		000.0 A (MAX)										GFCI GROUND FAULT CIRCUIT INTERRUPTOR		
												LOCK LOCKED BREAKER		
NOTES:														

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CONSTRUCTION NOTES:

- DISCONNECT AND TRANSFER MAIN FLOOR RECEPTACLE FROM PANEL A TO NEW PNL-Y712U. EXTEND CABLING/CONDUIT AS REQUIRED. MARK BREAKER AS 'SPARE' ON PANEL A.
- DISCONNECT AND TRANSFER FIBER OPTIC PANEL FROM PANEL A TO NEW PNL-Y712U. EXTEND CABLING/CONDUIT AS REQUIRED. MARK BREAKER AS 'SPARE' ON PANEL A.
- DISCONNECT AND TRANSFER PLC PANEL FROM PANEL A TO NEW PNL-Y712U. EXTEND CABLING/CONDUIT AS REQUIRED. MARK BREAKER AS 'SPARE' ON PANEL A.
- DISCONNECT AND TRANSFER HVAC CONTROL PANEL FROM PANEL A TO NEW PNL-Y712U. EXTEND CABLING/CONDUIT AS REQUIRED. MARK BREAKER AS 'SPARE' ON PANEL A.
- PROVIDE 100A, 2 POLE BREAKER TO FEED NEW UPS-Y712U. PROVIDE BREAKER THAT IS SIMILAR TO EXISTING BREAKERS IN PANEL. PROVIDE NECESSARY MOUNTING KIT.

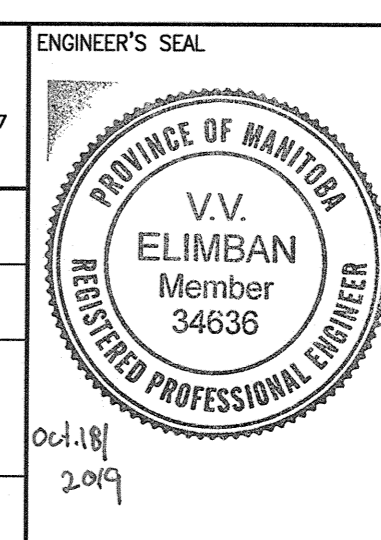
NOTES:

- THIS DRAWING SUPERSEDES PART OF DRAWING D-11935.



00	ISSUED FOR TENDER AND CONSTRUCTION	2019/10/18	VE	KS
NO.	REVISIONS	DATE	DESIGN	CHECK

		SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	
DESIGNED BY:	V. ELIMBAN	CHECKED BY:	K. SAPIAK
DRAWN BY:	J. GRAGASIN	APPROVED BY:	D. BECKER
SCALE:	NTS	ISSUED FOR CONSTRUCTION BY:	A. WEISS
DATE:	2019/07/22	DATE:	2019/10/18
CONSULTANT NO.:			



		THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT	
MCPHILLIPS PUMPING STATION ELECTRICAL AND HVAC UPGRADES, MCC REPLACEMENT PANELBOARD SCHEDULE PNL-Y712U			
CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0640Y-E0002	001	00	A1

1-0640Y-E0003	ELECTRICAL EQUIPMENT PLAN, AQUEDUCT VALVE CHAMBER
1-0640Y-E0001	ELECTRICAL SINGLE LINE DIAGRAM, AQUEDUCT VALVE CHAMBER
DRAWING NUMBER	REFERENCE DRAWINGS