

PANEL ID:	DP-B701	AMPS:	400A	VOLTS:	600V	PHASE:	3 $\phi$	WIRE:	3	SURF. MOUNT	<input checked="" type="checkbox"/>	TOP FED	<input checked="" type="checkbox"/>	
DESCRIPTION:	600 VAC DISTRIBUTION PANEL - NON-ESSENTIAL				LOCATION:	COLLECTIONS BUILDING								
MFG / MODEL:	SQUARE D				INTERRUPTING RATING:	14 kA								
MAIN BREAKER:	400AF, MOLDED CASE SWITCH				INST. SETTINGS:	N/A								
LOC.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A	B	C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	LOC.
1					1800				25000	110			XFMR-B10	16
2	AC-B1		12	15	1800				25000	2P	2	1		17
3				3P	1800				25000	110			XFMR-B20	18
4					0				25000	2P	2	1		19
5	OD-B1 (DISCONTINUED)	2	12	15	0				25000	110				20
6				3P	0				25000	2P	2	1	XFMR-B30	21
7					3880									22
8	AHU-B10		10	15	3880									23
9				3P	3880									24
10														25
11	GARAGE LOAD		6	60									PREPARED SPACE	26
12														27
13														28
14	PREPARED SPACE													29
15														30
TOTAL CONNECTED LOAD:					167.1 kVA	PHASE A:	55.7 kVA	160.5 A						
						PHASE B:	55.7 kVA	160.5 A						
						PHASE C:	55.7 kVA	160.5 A						
NOTE LEGEND:										AFCI ARC FAULT CIRCUIT INTERRUPTOR GFCI GROUND FAULT CIRCUIT INTERRUPTOR LKON LOCKED ON BREAKER LKOR RED LOCKED ON BREAKER				
NOTES:														
1. LOAD IS ESTIMATED AND IS BASED ON THE DOWNSTREAM TRANSFORMER RATING.														
2. PROVISION FOR FUTURE RE-CONNECTION AS REQUIRED.														

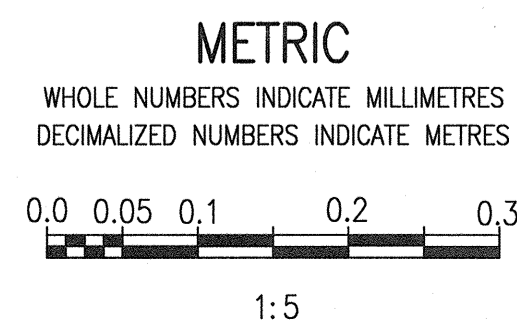
01 SEE GEN. NOTE 1

PANEL LAYOUT  
SCALE: 1:5

GENERAL NOTES:

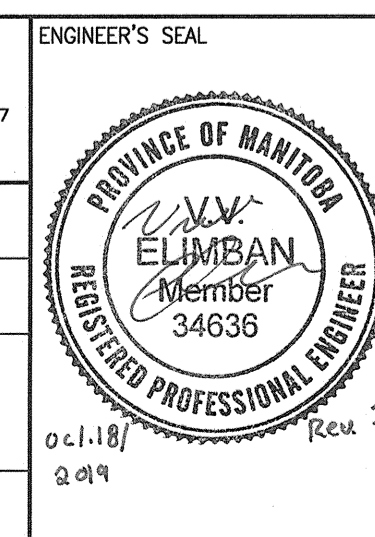
1. ALL WORK SHOWN IN THIS DRAWING IS NEW AND SHALL BE PROVIDED BY THE CONTRACTOR. DRAWING WAS ISSUED FOR CONSTRUCTION IN 2017, BUT WORK WAS NOT COMPLETED.

01



DESIGNED BY:	B. CLEVEN	CHECKED BY:	B. CLEVEN
DRAWN BY:	S. FUNK	APPROVED BY:	B. CLEVEN
SCALE:	AS SHOWN	ISSUED FOR CONSTRUCTION BY:	A. WEISS
DATE:	2011/07/08	DATE:	2019/10/18
CONSULTANT NO.:			
NO.	REVISIONS	DATE	DESIGN CHECK
01	ISSUED FOR TENDER AND CONSTRUCTION	2019/10/18	VE KS
00	ISSUED FOR CONSTRUCTION	2017/08/01	BJC BJC

**SNC-LAVALIN INC.**  
148 Nature Park Way  
Winnipeg, MB, Canada R3P 0X7  
204-786-8080



**THE CITY OF WINNIPEG**  
WATER AND WASTE DEPARTMENT

MCPHILLIPS PUMPING STATION  
PANEL SCHEDULE AND LAYOUT  
COLLECTIONS BUILDING DP-B701

CITY DRAWING NUMBER: 1-0640B-E0004  
SHEET: 001  
REV. 01  
SIZE A1