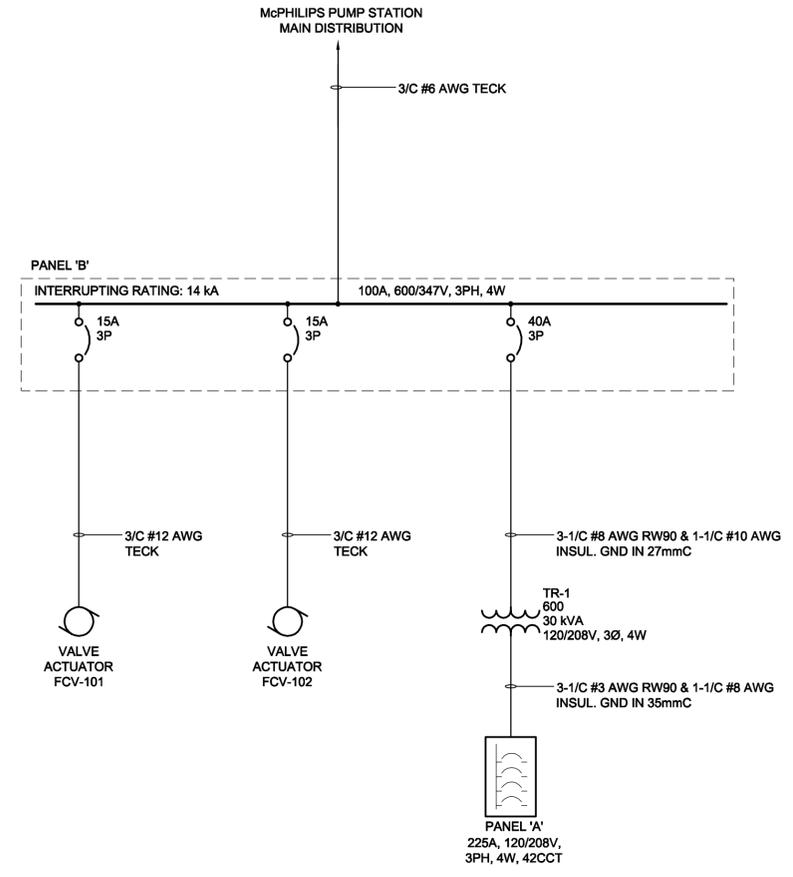


PANEL 'A'								
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N AB	TRIP AMPS	LOAD	DESCRIPTION	CCT NO
01	INTERIOR LIGHTING		15					02
03	INTERIOR LIGHTING		15		20	5000	UNIT HEATER No.1	04
05	RECEPTACLES	500	15		3P			06
07								08
09	TVSS		30			5000	UNIT HEATER No.2	10
11			3P		3P			12
13	FIBRE OPTIC PANEL		15					14
15	SPARE		15		20	5000	UNIT HEATER No.3	16
17	HVAC CONTROL PANEL	200	15		3P			18
19	RECEPTACLES	500	15					20
21	EXHAUST FAN		15		20	5000	UNIT HEATER No.4	22
23	PLC PANEL	500	15		3P			24
25	SUMP PUMP RECEPTACLE		15				SPACE	26
27	SPARE		15				SPACE	28
29	SPARE		15				SPACE	30
31	SPARE		15				SPACE	32
33	SPACE						SPACE	34
35	SPACE						SPACE	36
37	SPACE						SPACE	38
39	SPACE						SPACE	40
41	SPACE						SPACE	42

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10 kA
 MAIN BREAKER: N/A MAINS: 225A FEEDER: 4-1/C #3 AWG RW90 IN 35mm C
 MOUNTING: SURFACE LOCATION: VALVE CHAMBER UPPER FLOOR
 FED FROM: TRANSFORMER TR1
 NOTES: -
 -
 -

PANEL 'B'								
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N AB	TRIP AMPS	LOAD	DESCRIPTION	CCT NO
01							SPACE	02
03	VALVE ACTUATOR FCV-101		15				SPACE	04
05			3P				SPACE	06
07							SPACE	08
09	VALVE ACTUATOR FCV-102		15				SPACE	10
11			3P				SPACE	12
13							SPACE	14
15	TRANSFORMER TR-1		40				SPACE	16
17			3P				SPACE	18

VOLTAGE: 600/347 PHASE: 3 PH WIRE: 3 BREAKER I.C.: 14 kA
 MAIN BREAKER: 70A 3P MAINS: 100A FEEDER: 3/C #6 AWG TECK
 MOUNTING: SURFACE LOCATION: VALVE CHAMBER UPPER FLOOR
 FED FROM: -
 NOTES: McPHILIPS PUMPING STATION MAIN BUILDING
 -
 -
 -



SINGLE LINE DIAGRAM
SCALE: NTS



LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES DATE COMMITTEE

NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

NO.	REVISIONS	YYMMDD	BY
0	ISSUED FOR CONSTRUCTION	10/02/08	SCK

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DESIGNED BY	LCK	CHECKED BY	LK
DRAWN BY	SCK	APPROVED BY	BTW
HOR. SCALE	NONE	RELEASED FOR CONSTRUCTION	KZ
VERT. SCALE	N/A	DATE	FEB. 9, 2010
DATE	10/02/09		

PROFESSIONAL'S SEAL

REV. 0

ISSUED FOR CONSTRUCTION

WAS SEALED BY

B. L. MOORE AND DATED

FEB. 8, 2010

CONSULTANT DRAWING NO.

D265-250-00_01-E-0003_RX.dwg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

Winnipeg

BRANCH 1 AQUEDUCT VALVE CHAMBER AT McPHILLIPS STREET PUMPING STATION

ELECTRICAL SINGLE LINE DIAGRAM AND PANEL SCHEDULES

SHEET 25 OF 28

CITY DRAWING NUMBER

D-11935 REV 0