



EXTERIOR PANEL VIEW
SCALE: 1 : 3

INTERIOR PANEL VIEW
SCALE: 1 : 3

BILL OF MATERIAL				
ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	1	JUNCTION BOX, NEMA 12, CONTINUOUS-HINGE, 304x609x203mm	HOFFMAN	A241208LP
2	1	BACKPAN	HOFFMAN	A12P24
3	1	GROUND BAR, 6 TAP	ILSCO	D167-6
4	AS REQ'D	35mm DIN RAIL	PHOENIX CONTACT	0801733
5	AS REQ'D	NARROW SLOT WIRING DUCT, 1.25" x 2.12", GREY	PANDUIT	F1X2LG6
6	AS REQ'D	FEED-THROUGH TERMINAL	PHOENIX CONTACT	3046184
7	AS REQ'D	TERMINAL END PLATE	PHOENIX CONTACT	3047141
8	AS REQ'D	TERMINAL END CLAMP	PHOENIX CONTACT	1201442
9	AS REQ'D	TERMINAL BLOCK MARKER	PHOENIX CONTACT	0800310
10	1	FUSED TERMINAL	PHOENIX CONTACT	3046142
11	1	FUSE CONNECTOR	PHOENIX CONTACT	3036806
12	AS REQ'D	LAMACOID, 5mm HIGH BLACK TEXT ON WHITE BACKGROUND	-	-
13	4	RELAY, 12VDC, DPDT, DIODE, LED	OMRON	G2R-2-SND-DC12(S)
14	4	RELAY BASE, DPDT	OMRON	P2RF-08
15	1	SELECTOR SWITCH, 2-POSITION MAINTAINED, 1 N.O.	SCHNEIDER ELECTRIC	XB4BD21

NOTES:

- REFER TO LOOP DIAGRAMS 1-0310U-A0034 AND 1-0310U-A0029 FOR PANEL INTERNAL WIRING REQUIREMENTS.



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP. 767-2016	2016/08/23	BJC	FA

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

DESIGNED BY: B. CLEVEN
DRAWN BY: Y. KONIG
SCALE: 1:3
DATE: 2016/08/04

CHECKED BY: F. ATAEI
APPROVED BY: I. PARKINSON
ISSUED FOR CONSTRUCTION BY: K. ZUREK
DATE: 2016-08-29

CONSULTANT NO.:

ENGINEER'S SEAL

ORIGINAL DRAWING SEALED BY:
B. J. CLEVEN
SNC-LAVALIN INC.
MEMBER #31479
2016-08-29
REV. 00

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

ROUTE 90 UNDERPASS PUMPING STATION
2016 UPGRADES
JUNCTION BOX LAYOUT
ENGINE CONTROL JUNCTION BOX
JBA-U83-1

CITY DRAWING NUMBER: 1-0310U-A0033
SHEET: 001
REV.: 00
SIZE: A1

1-0310U-A0035	ENGINE ENG-U03 EMERGENCY SHUTDOWN
1-0310U-A0034	ENGINE ENG-U03 STATUS AND CONTROL
DRAWING NUMBER	REFERENCE DRAWINGS