

EXTERIOR PANEL VIEW SCALE: 1 : 2

INTERIOR PANEL VIEW

NOTES:

- 1. WHERE MANUFACTURER AND MODEL ARE SPECIFIED, SUBSTITUTIONS MUST BE APPROVED.
- 2. ALL CONTROL WIRING TO BE TEW/MTW 300V, 105°C INSULATION, STRANDED COPPER, 16 AWG.
- 3. EXTERNAL COMPONENTS ARE TO BE LABELLED AS SHOWN ON THE DRAWINGS.
- 4. ALL FUSES ARE TO BE PROVIDED. IN ADDITION, TWO SPARES OF EACH FUSE SIZE ARE TO BE PROVIDED.
- 5. TEST ALL WIRING AND COMPONENTS FOR FUNCTIONAL OPERATION, CORRECT CONNECTION, CONTINUITY AND INSULATION INTEGRITY. THREE COPIES OF CERTIFIED TEST DOCUMENTATION ARE TO BE PROVIDED.
- 6. ALL MAJOR COMPONENTS INSIDE THE PANEL ARE TO BE LABELED WITH LAMACOIDS IN ACCORDANCE WITH MAJOR DESCRIPTIONS ON THE DRAWINGS.
- 7. PROVIDE WIRE BARREL FERULES FOR ALL WIRING.
- 8. ALL TERMINAL BLOCKS SHALL BE NUMBERED AS SHOWN IN THE DRAWINGS, COMPLETE WITH GROUP LABELING.
- 9. ALL WIRES SHALL BE MARKED AS INDICATED ON THE DRAWINGS.
- 10. CLEARLY LABEL DEVICE IDENTIFIERS ON THE DOOR INTERIOR USING PERMANENT MARKER OR LAMACOIDS.

APEGIN Certificate of Authorization SNC-Lavalin Inc. No. 4489

1 1 HINGED COVER JUNCTION BOX WITH CLAMPS, TYPE 12 HOFFMAN A1412CH 2 1 BACKPAN HOFFMAN A14P12 3 2 3 POSITION SELECTOR SWITCH, MAINTAINED, 2 N.O./2 N.C. ALLEN-BRADLEY 800T-J2B 4 2 PILOT LIGHT, RED, LED, 120VAC ALLEN-BRADLEY 800T-QH2R 5 AS REQ'D 35mm DIN RAIL PHOENIX CONTACT 0801733 6 16 FEED-THROUGH TERMINAL PHOENIX CONTACT 3046184 7 2 TERMINAL END PLATE PHOENIX CONTACT 3047141 8 3 TERMINAL END CLAMP PHOENIX CONTACT 1201442 9 2 TERMINAL BLOCK MARKER PHOENIX CONTACT 1004348 10 AS REQ'D NARROW SLOT WIRING DUCT, 2.25"x3.12" PANDUIT -	ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
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11 1 CDOLIND DAD 6 TAD	10	AS REQ'D	NARROW SLOT WIRING DUCT, 2.25"x3.12"	PANDUIT	_
TI TOROUND BAR, 6 TAP	11	1	GROUND BAR, 6 TAP	ILSC0	D167-6
12 AS REQ'D LAMACOIDS	12	AS REQ'D	LAMACOIDS	_	_

BILL OF MATERIALS

					SNC·LAVALIN	SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	ENGINEER 5 SEAL	Winnipeg WATER AND WA			
					DESIGNED BY: V. ELIMBAN	CHECKED BY: C. REIMER	PRELIMINARY NOT TO BE	MACLEAN WATER PUMPING STATION			
					DRAWN BY: MJ. PERSSON	APPROVED BY: C. REIMER	USED FOR	PANEL LAYOUT			
					SCALE: 1:2	RELEASED FOR CONSTRUCTION BY:	CONSTRUCTION	LCP-M940 SUMP PUMP CONTROL PANEL			
00	ISSUED FOR TENDER, BID OPP. 490-2012	2012/07/23	VE	0.15	DATE: 2012/05/04 CONSULTANT NO.:	DATE:		CITY DRAWING NUMBER			SIZE
NO.	REVISIONS	DATE	DESIGN		1 508055.	-0000-48DD-0041		1-0630M-A0041	001 (00	ΑT

P-M942 STARTER SCHEMATIC 1-0630M-E0059 1-0630M-E0058 P-M941 STARTER SCHEMATIC DRAWING NUMBER REFERENCE DRAWINGS

SHEET REV. SIZE 001 00 A1 1-0630M-A0041-001-00.dwg