



EXTERIOR PANEL ELEVATION

SCALE: 1 : 2

INTERIOR PANEL ELEVATION

SCALE: 1 : 2

HCE-C620 CONTROL PANELGENERAL NOTES:

- ALL POWER AND 120 VAC WIRING ARE TEW/MTW 300V, 105°C INSULATION, STRANDED COPPER, 12 AWG OR LARGER WHERE CURRENT REQUIREMENTS DICTATE AS PER CEC REQUIREMENTS.
- ALL 24 VDC CONTROL WIRING IS TEW/MTW 300V, 105°C INSULATION, STRANDED COPPER, 16 AWG.
- COMPONENTS ARE LABELED AS SHOWN ON THE DRAWINGS.
- TESTED ALL WIRING AND COMPONENTS FOR FUNCTIONAL OPERATION, CORRECT CONNECTION, CONTINUITY AND INSULATION INTEGRITY. DOCUMENTED ALL TEST RESULTS.
- ALL MAJOR COMPONENTS INSIDE THE PANEL ARE LABELED WITH LAMACOIDS IN ACCORDANCE WITH MAJOR DESCRIPTIONS ON THE DRAWINGS.
- PROVIDED WIRE BARREL FERRULES FOR ALL WIRING.
- ALL TERMINAL BLOCKS ARE NUMBERED AS SHOWN IN THE DRAWINGS, COMPLETE WITH GROUP LABELING.
- ALL WIRES ARE MARKED AS INDICATED ON THE DRAWINGS.

1-0650M-E0052	FIELD WIRING DIAGRAM, HEATER HCE-C620
DRAWING NUMBER	REFERENCE DRAWINGS

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
0.0 0.01 0.02 0.04 0.06
1:1

ENGINEERS
GEOSCIENTISTS
MANITOBA
Certificate of Authorization
AtkinsRéalis Canada Inc.
No. 4489

		AtkinsRéalis 148 Nature Park Way, Winnipeg, Manitoba Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL	THE CITY OF WINNIPEG	
					HURST PUMPING STATION	Winnipeg
		PANEL LAYOUT		HCE-C620 CONTROL PANEL		
		00	ISSUED FOR TENDER AND CONSTRUCTION	2025/04/30	VE	VE
NO. REVISIONS		DATE	DESIGN CHECK	CONSULTANT NO.:		
CITY DRAWING NUMBER		SHEET	REV.	SIZE		
1-0650M-A0082		001	00	A1		