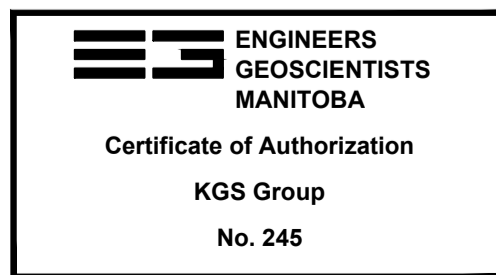


POWER	
	3ø LOAD
	MOTOR STARTER
	ELECTRICAL PANELBOARD
	FIELD DEVICE EQUIPMENT
	FIELD DEVICE EQUIPMENT
	LOCAL DISCONNECT SWITCH

GENERAL	
	DETAIL / SECTION REFERENCE
	DRAWING REFERENCE

SCHEMATIC	
	MOTOR
	RHEOSTAT
	SOLENOID
	RELAY OPERATING COIL WITH TERMINALS
	RELAY OPERATING COIL
	SQUARE EMPTY TERMINAL
	PLC INPUT
	PLC OUTPUT
	WIRING CODING
	FIELD WIRING
	PANEL WIRING
	PUSHBUTTON SWITCH NORMALLY OPEN (NO)
	PUSHBUTTON SWITCH NORMALLY CLOSED (NC)
	2-WAY SWITCH C/W TERMINALS
	PILOT LIGHT WITH TERMINALS WHERE X DENOTES: A = AMBER B = BLUE C = CLEAR R = RED G = GREEN W = WHITE
	PILOT LIGHT WHERE X DENOTES: A = AMBER B = BLUE C = CLEAR R = RED G = GREEN W = WHITE
	NORMALLY OPEN CONTACT C/W TERMINALS (NO)
	NORMALLY OPEN CONTACT (NO)
	NORMALLY CLOSED CONTACT C/W TERMINALS (NO)
	NORMALLY CLOSED CONTACT (NO)
	THERMAL SWITCH (NO)
	THERMAL SWITCH (NC)
	FUSE WITH TERMINALS
	FUSE
	RESISTOR
	LIMIT SWITCH (NO)
	LIMIT SWITCH (NC)
	PRESSURE SWITCH (NO)
	PRESSURE SWITCH (NC)
	GROUND



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION	2026-04-02		

KGS GROUP	
DESIGNED BY: M. BERGEN	CHECKED BY: C. ROBINSON
DRAWN BY: F. AHMED	APPROVED BY: C. ROBINSON
SCALE: AS NOTED	ISSUED FOR CONSTRUCTION BY: DATE: 2026-04-02
CONSULTANT NO.: 25-0107-017_EO	

ENGINEER'S SEAL

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT		
NORTH END SEWAGE TREATMENT PLANT (NEWPCC) SLUDGE CAKE PUMP UPGRADE ELECTRICAL LEGEND		
CITY DRAWING NUMBER 1-0101-EAAA-W001	SHEET 00	REV. SIZE A1