NOTES:

1. MOUNTING RAIL TO MAXIMUM AVAILABLE LENGTH.

2. MINIMUM ENCLOSURE DIMENSIONS ARE INDICATED. INCREASE ENCLOSURE SIZE AS REQUIRED.

3. LAMACOID SHALL BE PROVIDED BY PANEL MANUFACTURER. LAMACOID SHALL INDICATE THE FOLLOWING: "PNL-F72 TEMPERATURE CONTROL PANEL".

A TERMINAL STRIP ARRANGEMENT
SCALE: N.T.S.

B TERMINAL STRIP ARRANGEMENT
SCALE: N.T.S.

C TERMINAL STRIP ARRANGEMENT
SCALE: N.T.S.

D TERMINAL STRIP ARRANGEMENT
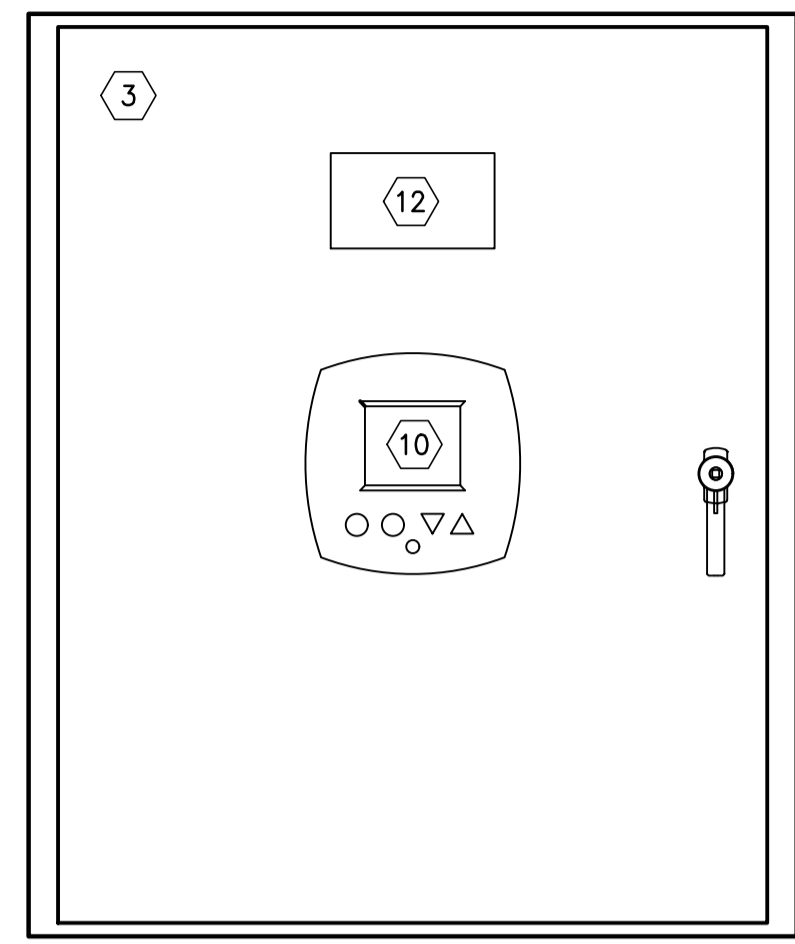SCALE: N.T.S.

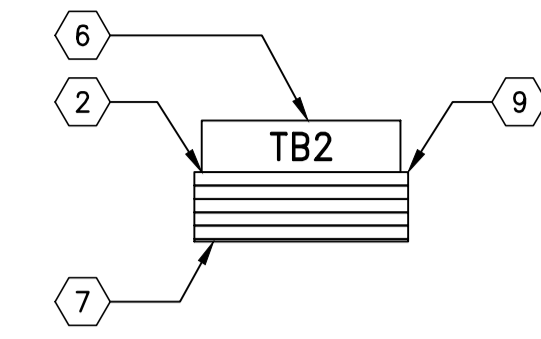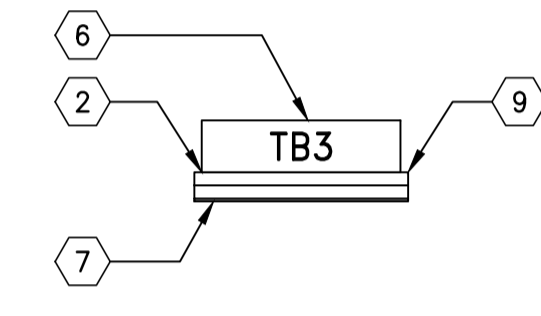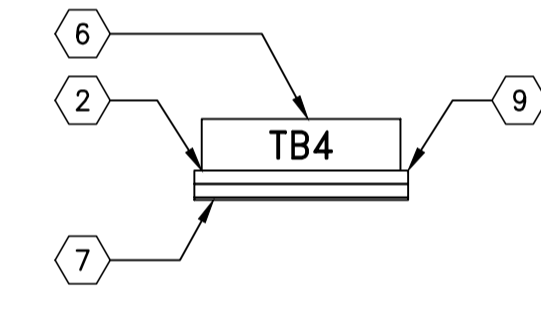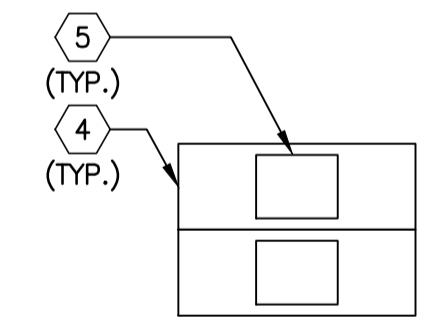**E** RELAY ARRANGEMENT
SCALE: N.T.S.

1 ENCLOSURE INTERNAL VIEW
SCALE: 1:5mm (A1)

2 ENCLOSURE EXTERNAL VIEW
SCALE: 1:5mm (A1)

BILL OF MATERIALS

ITEM	QUANTITY	PART NUMBER	MANUFACTURER	DESCRIPTION	NOTES
1	AS REQUIRED	MC50X75IG2	PANDUIT	50mm x 75mm WIRING DUCT; GREY	
2	11	3046184	PHOENIX CONTACT	FEED THROUGH TERMINAL	
3	1	A24H2010SS6LP	HOFFMAN	610mm x 508mm x 254mm ENCLOSURE	2
4	2	PTF08A-E	OMRON	OMRON RELAY BASE	
5	2	LY1AC24	OMRON	24VAC RELAY COIL WITH 120VAC CONTACTS	
6	4	1004348	PHOENIX CONTACT	TERMINAL BLOCK MARKER	
7	4	3047141	PHOENIX CONTACT	TERMINAL END PLATE	
8	1	GRDBAR600	HAMMOND	GROUNDING BAR	
9	3	3062760	PHOENIX CONTACT	FUSED MODULAR TERMINAL	
10	1	T701DFN-4	JOHNSON CONTROLS	THERMOSTAT TS-F610	
11	1	PH50PG	HAMMOND	120/24VAC CONTROL TRANSFORMER, 50VA	
12	1	–	–	LAMACOID LABEL	3

KGS GROUP
CONSULTING ENGINEERS

DESIGNED BY: L. UPPAL	CHECKED BY: J. BOUCHARD
DRAWN BY: J. deLEON	APPROVED BY: J. BOUCHARD
SCALE: AS NOTED	ISSUED FOR CONSTRUCTION BY:
DATE: 2019/07/12	DATE:

ENGINEER'S SEAL

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

CLIFTON FLOOD PUMPING STATION UPGRADES

ELECTRICAL
PNL-F72 CABINET LAYOUT AND
BILL OF MATERIALS

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0125F-E0014-001		00	A1

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER AND CONSTRUCTION	2019/07/12	LU	JAB

CONSULTANT NO.: 19-0107-002_E12.2

PLOT DATE: Jul 12, 2019 – 1:29pm

FILE NAME: 19-0107-002_E12.2.dwg