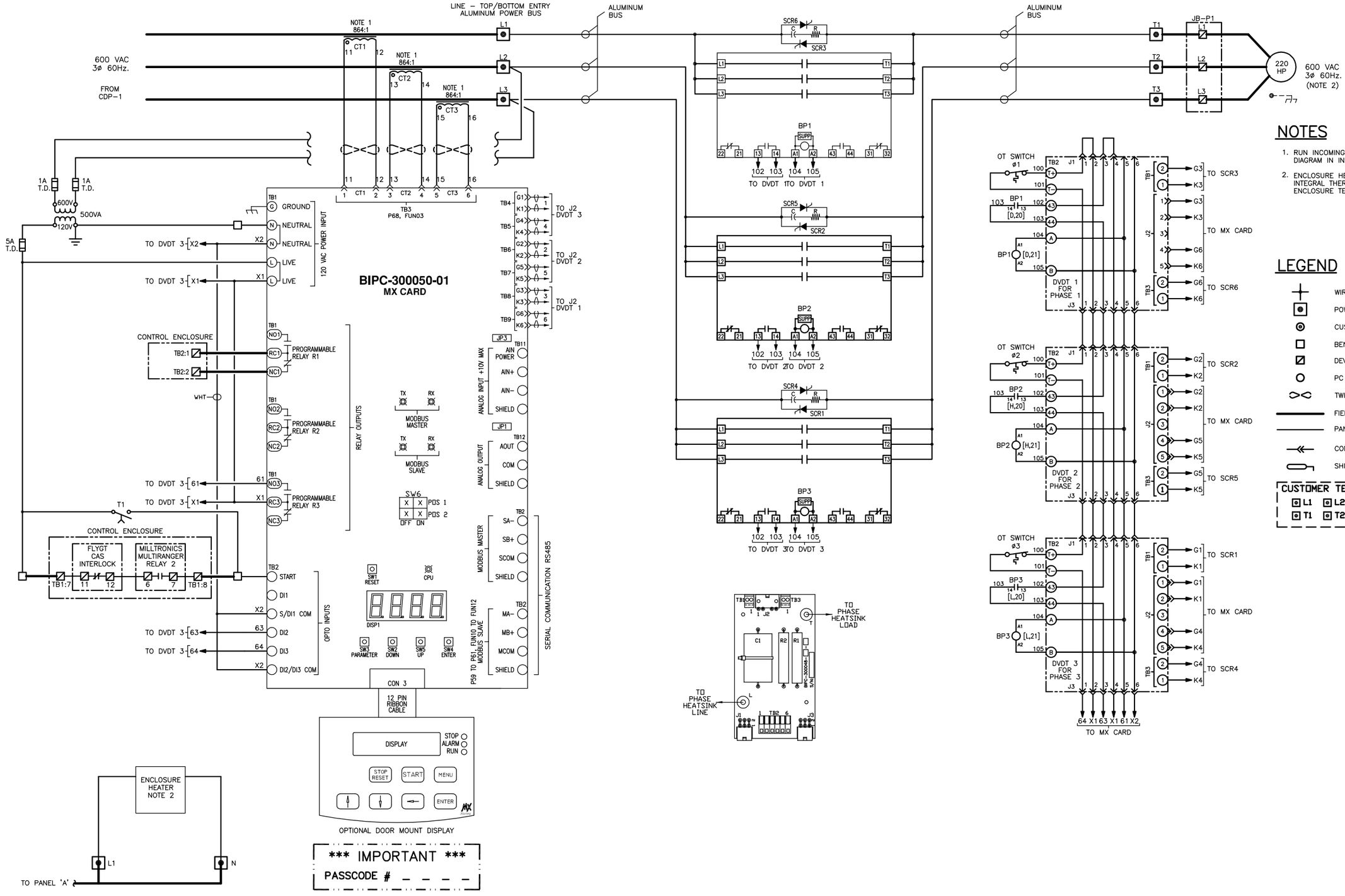

NOTES

1. RUN INCOMING POWER THROUGH CT'S. SEE CT FASTENING DIAGRAM IN INSTRUCTION MANUAL FOR DETAILS.
2. ENCLOSURE HEATER SHALL BE EQUIPPED WITH AN INTEGRAL THERMOSTAT AND SHALL MAINTAIN THE INTERNAL ENCLOSURE TEMPERATURE AT 10°C.

LEGEND

- WIRE NODE SYMBOL MAY HAVE TERMINAL BLOCK
- POWER TERMINAL
- CUSTOMER TERMINAL
- BENSHAW TERMINAL
- DEVICE TERMINAL
- PC BOARD TERMINALS
- TWISTED PAIR
- FIELD WIRING
- PANEL WIRING
- CONNECTOR
- SHIELDED WIRE

CUSTOMER TERMINALS

L1 L2 L3 T1 T2 T3

APEGM
Certificate of Authorization
KGS Group
No. 245 Expiry: April 30, 2006

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR CONSTRUCTION	05/12/07	AP

KGS GROUP
CONSULTING ENGINEERS & PROJECT MANAGERS
WINNIPEG (204) 896-1209
THUNDER BAY (807) 345-2233

DESIGNED BY AP	CHECKED BY REW
DRAWN BY GCN	APPROVED BY
HOR. SCALE: AS NOTED VERTICAL:	RELEASED FOR CONSTRUCTION:
DATE 05/11/08	DATE

ENGINEER'S SEAL
ORIGINAL DRAWING SIGNED BY A. PAWLIKEWICH 05/12/07

CONSULTANT DRAWING NO.
05-0107-13_20

Winnipeg
THE CITY OF WINNIPEG
WATER & WASTE DEPARTMENT

HAWTHORNE FLOOD PUMPING STATION UPGRADE
ELECTRICAL
FLOOD PUMP – FP-1
SCHEMATICS & WIRING DIAGRAM

SHEET 20 OF 24
CAD FILE DRAWING NUMBER 05-0107-13
CITY DRAWING NUMBER LD-3257

COWLEGEND