

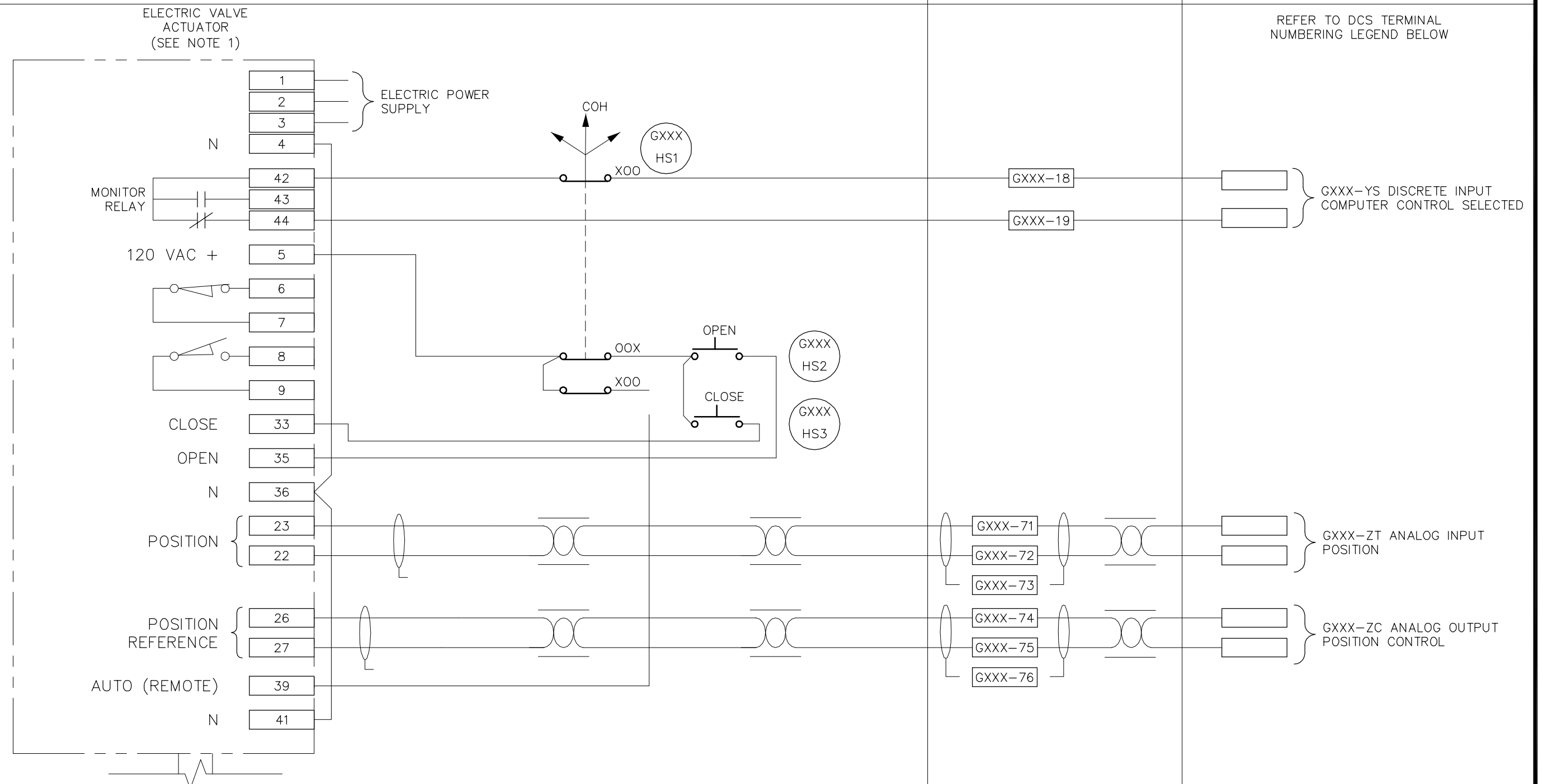
INSTRUMENT LOOP DIAGRAM

LOOP NO. GXXX

FIELD PROCESS AREA

FIELD DEVICE PANEL

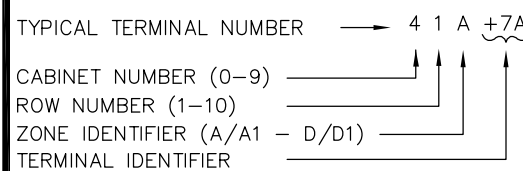
DCS



NOTES

- PROGRAM THE ELECTRIC ACTUATOR FOR THE FOLLOWING FEATURES:
  - EXTERNAL MOMENTARY THREE WIRE CONTROL.
  - SWITCH CONTROL MODE TO ANALOG BASED ON EXTERNAL 'REMOTE' COMMAND.
  - MONITOR RELAY TO ENERGIZE WHEN REMOTE CONTROL SELECTED.
  - 120 VAC CONTROL POWER
  - MINIMUM DEADBAND
  - 5% PROPORTIONAL BAND
- WIRING METHODS IN GRIT TANK ROOM TO BE SUITABLE FOR CLASS 1, ZONE 1 HAZARDOUS AREA.

DCS TERMINAL NUMBERING



Earth Tech (Canada) Inc. Winnipeg, Manitoba 204.477.5381



THE CITY OF WINNIPEG  
**WATER AND WASTE DEPARTMENT**  
 NEWPCC - GRIT REMOVAL SYSTEM UPGRADE

07/01/26	ISSUED FOR TENDER	BL
DATE	REVISION	APP.

TYPICAL INSTRUMENT LOOP DIAGRAM  
 MOTORIZED VALVE ACTUATOR

SCALE AS NOTED  
 DATE 2006/11/10  
 DES BL DWN SRP  
 CKD APP

DRAWING NO.  
 ILD-03