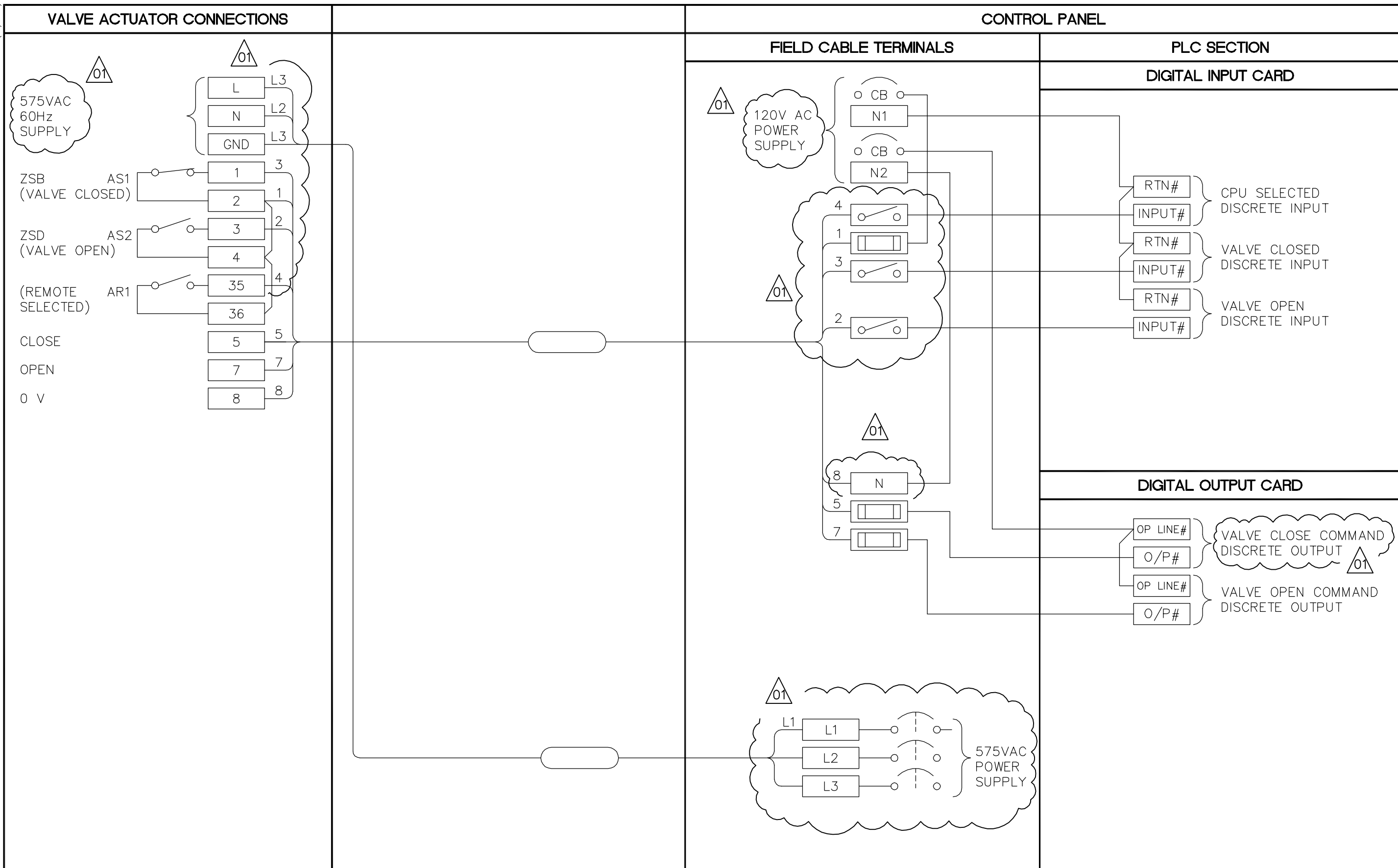


COW-A3 (02/2006)



NOTE:
1. RELAYS IN ACTUATOR TO BE PROGRAMMED AS ABOVE.

APEGM
Certificate of Authorization
Earth Tech Canada Inc.
No. 730 Expiry: April 30, 2007

NO.	REVISIONS	DATE	BY
01	792-2006 ADDENDUM 5	07/04/11	JBC
00	ISSUED FOR TENDER	07/01/31	LAE

DESIGNED BY: NT	CHECKED BY: SWT
DRAWN BY: LAE	APPROVED BY: AHL
SCALE: NTS	RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI
DATE: 2007/01/04	DATE: 2007/01/31

ENGINEER'S SEAL
ORIGINAL SIGNED BY
S.W. TORMEY
2007/01/31
CONSULTANT DRAWING NO.
WS-A0451

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

WATER TREATMENT PLANT
BULK CHEMICAL BUILDING
SODIUM HYPOCHLORITE AND CHEMICAL STORAGE BUILDING

AUTOMATION / I&C
TYPICAL MOTORIZED VALVE OPEN/CLOSE
INSTRUMENTATION LOOP DIAGRAM

CITY FILE NUMBER
SHEET OF
CITY DRAWING NUMBER
1-0601S-H-A0451-001-01B