

INSTRUMENT LOOP DIAGRAM

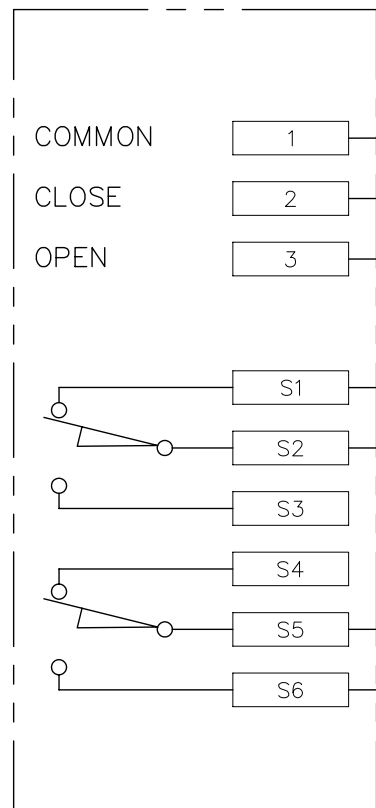
LOOP NO. U412

UV PROCESS AREA

UV CONTROL PANEL UVCP1

D.C.S.

U-412
MD



24VDC+
0 VDC } 24 VDC POWER SUPPLY

U412-1

UA-U412-ZB DISCRETE OUTPUT
CLOSE COMMAND

U412-2

UA-U412-ZD DISCRETE OUTPUT
OPEN COMMAND

U412-3

UA-U412-ZSB DISCRETE INPUT
CLOSED STATUS

U412-4

UA-U412-ZSD DISCRETE INPUT
OPEN STATUS

NOTE:

LOOP U412 SHOWN. TYPICAL FOR
LOOPS U411, U416-1, U416-2,
U417-1, U417-2.



Earth Tech (Canada) Inc. Winnipeg, Manitoba 204.477.5381



THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT

NEWPCC - SECONDARY EFFLUENT UV DISINFECTION FACILITY

SCALE AS NOTED

DATE 05 02 18

DES NT DWN ERC

CKD BLM APP SWT

05/02/18	ISSUED FOR TENDER	SWT
DATE	REVISION	APP.

INSTRUMENT LOOP DIAGRAM
TYPICAL HVAC NON-MODULATING DAMPER

DRAWING NO.

ILD-13