OPERATION:

APPLY 120VAC TO CONTROL. CHECK SWITCH 1, IF OPEN DURING THE 2 SECOND PERIOD, HOLD, WHEN CLOSED, CONTINUE THROUGH CYCLE.
IGNORE SWITCH 1 DURING ADJUSTABLE DUMP TIME, BLOWBACK 1 TIME FRAME & ADJUSTABLE ON TIME.
CHECK THE LS INPUT FOR 2 SECONDS AFTER THE LOAD CYCLE, IF IT CHANGES STATE, CLEAR THE NO-LOAD COUNTER. IF IT DOES NOT CHANGE STATE, INCREMENT THE NO-LOAD COUNTER.
REPEAT SEQUENCE.
ADJUSTABLE DUMP TIME IS CONTROLLED BY DIP SWITCH 1 & 2.
BOTH OFF = 0,
1   ON = 10,
2   ON = 15,
1 & 2 ON = 25 SECONDS
ADJUSTABLE ON TIME IS CONTROLLED BY DIP SWITCH'S: 3 THRU 8.
ADD TIMES FOR WHICH EVER SWITCHES ARE ON.
EXAMPLE: 3 & 4 ARE ON,   WOULD BE 4+8=16 SECONDS.
ALL OFF = 4 SECONDS,
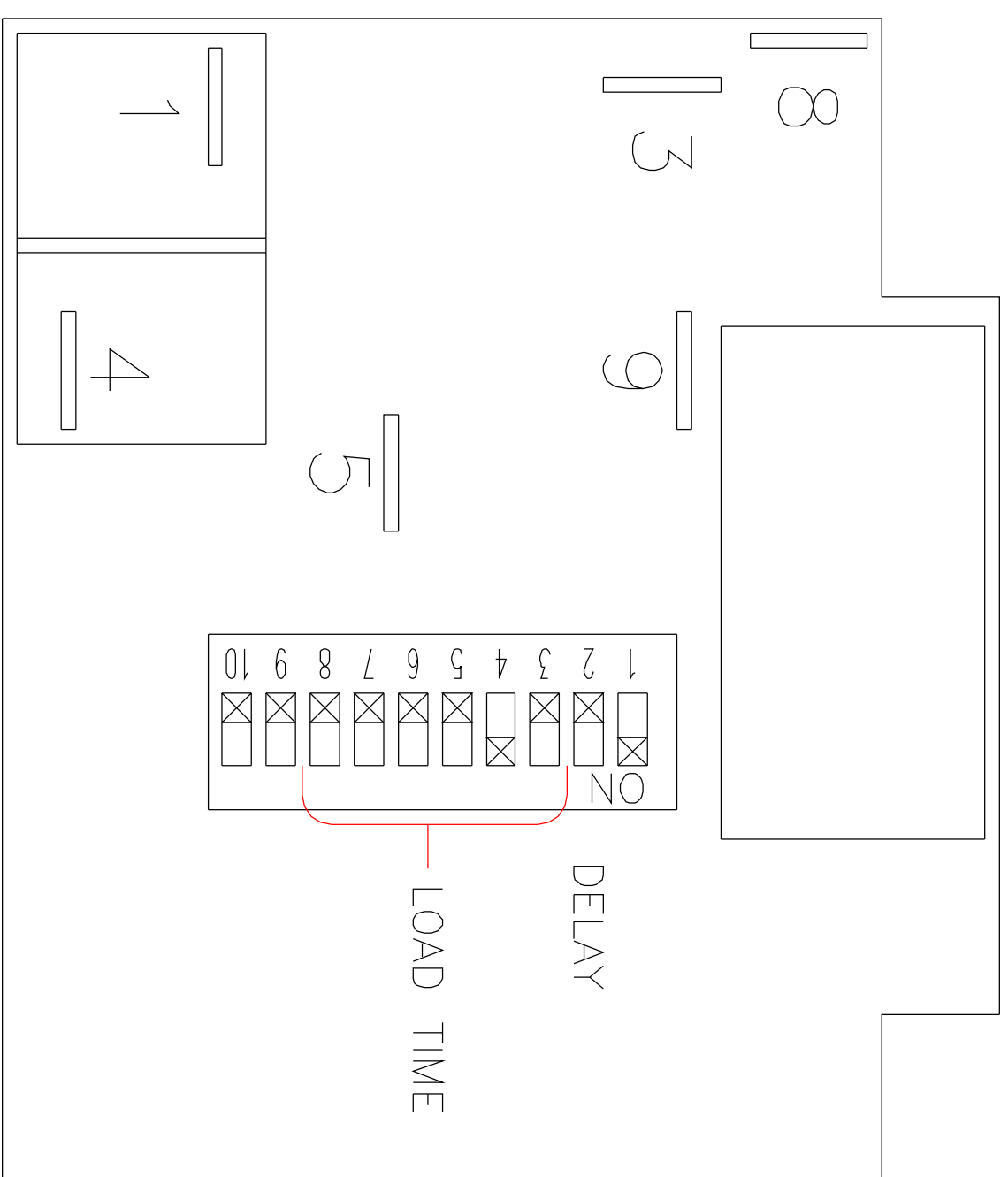
3 = ADD 4,

4 = ADD 8,

5 = ADD 16,

6 = ADD 32,

7 = ADD 64,

8 = ADD 128,

TOTAL OF 256 SECONDS

DELAY

LOAD TIME

1 & 2 = dump time

3 thru 8 = load time