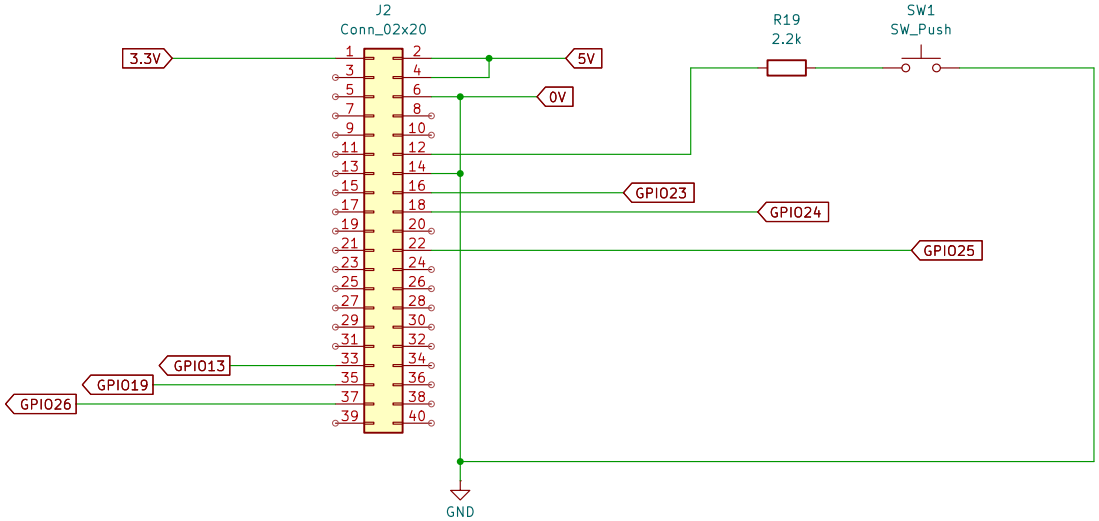
The CPIO global labels are numbered as BCM



Valve_relays

File: valve_relays.kicad_sch

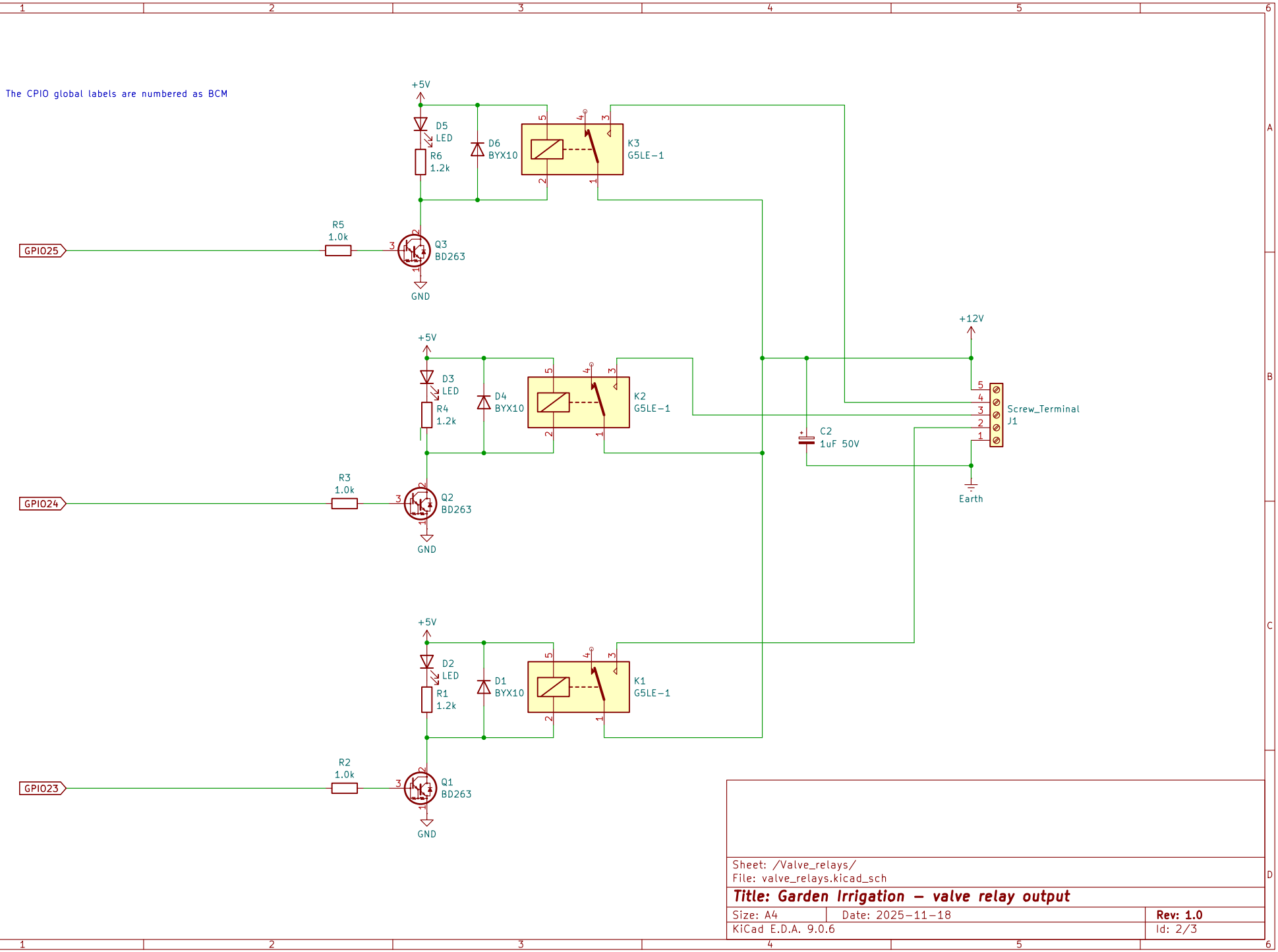
Flow_meters

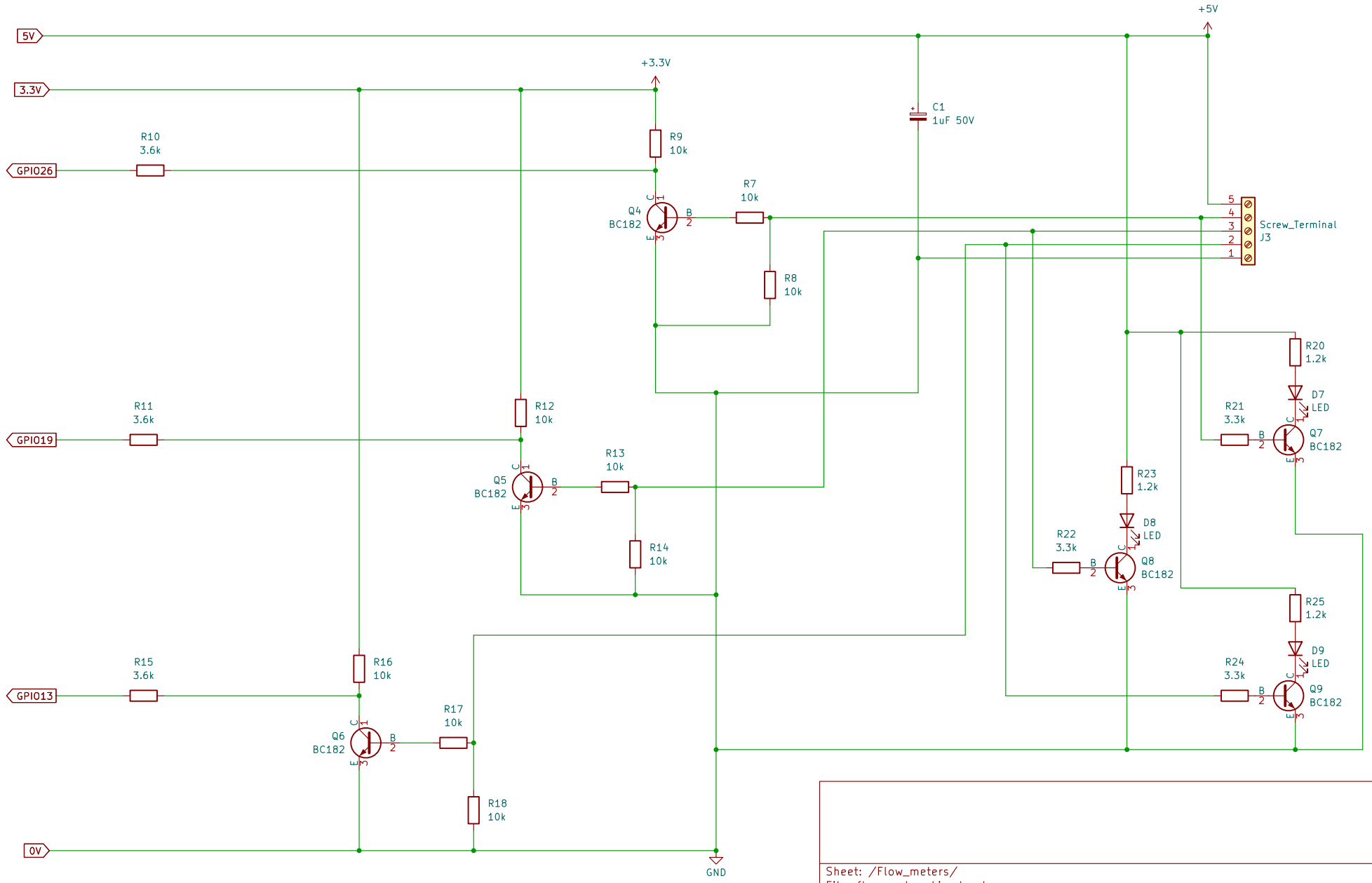
File: flow_meters.kicad_sch

Sheet: /
File: Garden_irrigation.kicad_sch

Title: Garden Irrigation

Size: A4	Date: 2025-11-18	**Rev: 1.0**
KiCad E.D.A. 9.0.6		Id: 1/3


The CPIO global labels are numbered as BCM
+5V
D5
LED
R6
1.2k
D6
BYX10
K3
G5LE-1
R5
1.0k
GPIO25
Q3
BD263
GND
+5V
D3
LED
R4
1.2k
D4
BYX10
K2
G5LE-1
R3
1.0k
GPIO24
Q2
BD263
GND
+5V
D2
LED
R1
1.2k
D1
BYX10
K1
G5LE-1
R2
1.0k
GPIO23
Q1
BD263
GND
+12V
C2
1uF 50V
Screw_Terminal
J1
Earth
Sheet: /Valve_relays/
File: valve_relays.kicad_sch
Title: Garden Irrigation – valve relay output
Size: A4
Date: 2025-11-18
Rev: 1.0
KiCad E.D.A. 9.0.6
Id: 2/3


5V
3.3V
+3.3V
+5V
C1
1uF 50V
R10
3.6k
GPIO26
R9
10k
R7
10k
Q4
BC182
R8
10k
Screw_Terminal
J3
R20
1.2k
D7
LED
R21
3.3k
Q7
BC182
R11
3.6k
GPIO19
R12
10k
R13
10k
Q5
BC182
R14
10k
R23
1.2k
D8
LED
R22
3.3k
Q8
BC182
R25
1.2k
D9
LED
R24
3.3k
Q9
BC182
R15
3.6k
GPIO13
R16
10k
R17
10k
Q6
BC182
R18
10k
0V
GND
The CPIO global labels are numbered as BCM
Sheet: /Flow_meters/
File: flow_meters.kicad_sch
Title: Garden Irrigation – flow meter input
Size: A4
Date: 2025-11-18
Rev: 1.0
KiCad E.D.A. 9.0.6
Id: 3/3