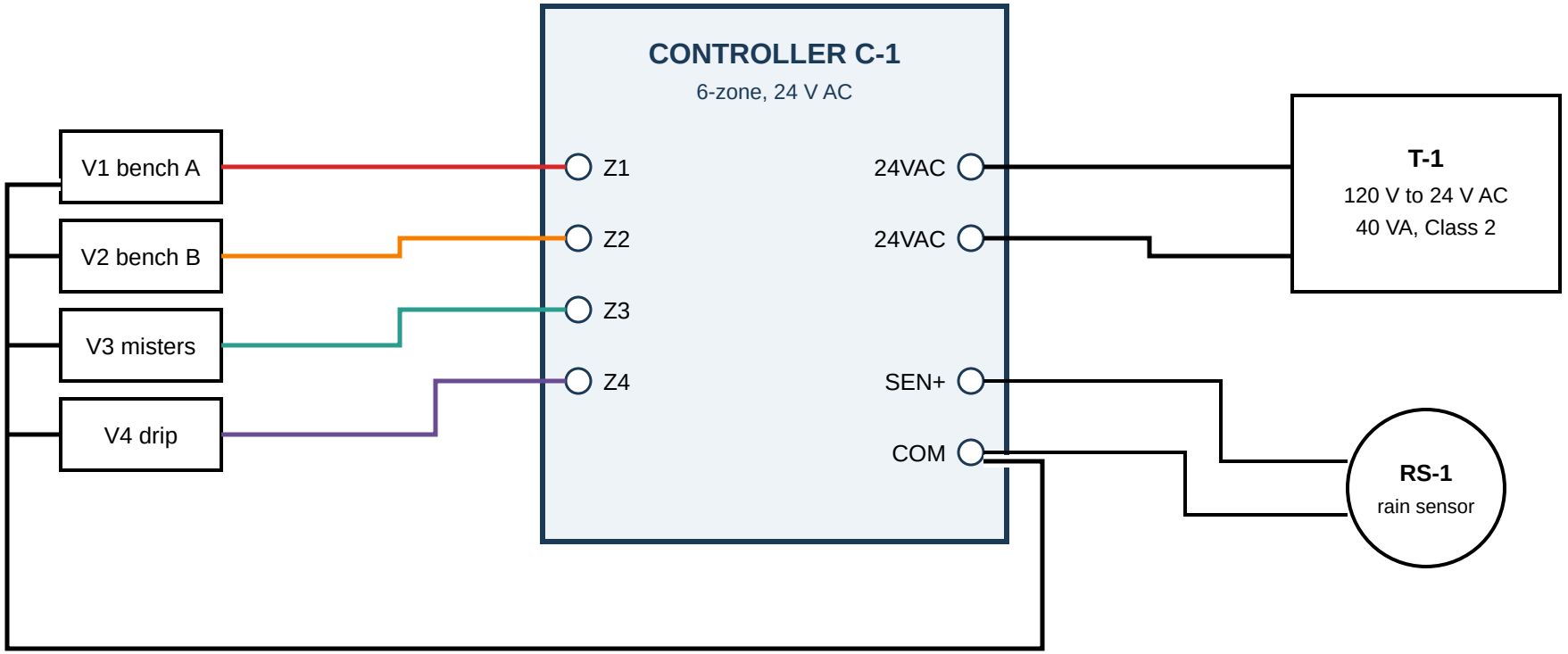
Irrigation controller wiring, Greenhouse 2

Juniper Hollow Nursery. Fictional site; sample drawing for pdfconversionapi.com, released under CC0 1.0.



Common return (white wire), all valves

JHN-G2-E01 Sheet 1 of 2	
Drawn: R. Okafor	Rev: B
Date: 2026-09-14	Scale: none
Wire: 18 AWG direct burial	Not for construction

Parts list and notes

Tag	Part	Qty	Notes
C-1	6-zone irrigation controller, 24 V AC outputs	1	Zones 5 and 6 spare
V1-V4	1 in. solenoid valve, 24 V AC	4	Valve box by bench A
T-1	Transformer 120 V to 24 V AC, 40 VA	1	On GFCI circuit 7
RS-1	Rain sensor, normally closed	1	Mount above gutter line
W-1	18 AWG 7-conductor direct-burial cable	120 ft	Color code on sheet 1

Notes

1. Bond the common return at the controller only. Do not splice commons in the valve box.
2. Leave 18 in. of slack at each valve for service.
3. Test each zone from the controller's manual mode before backfilling the trench.

Wire colors

- V1 red
- V2 orange
- V3 teal
- V4 purple
- Common white

JHN-G2-E01 Sheet 2 of 2	
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Date: 2026-09-14	Scale: none
Fictional drawing, CC0 1.0	Not for construction