

# McKnight Crossings Canopy and Parking Lot Light Diagram

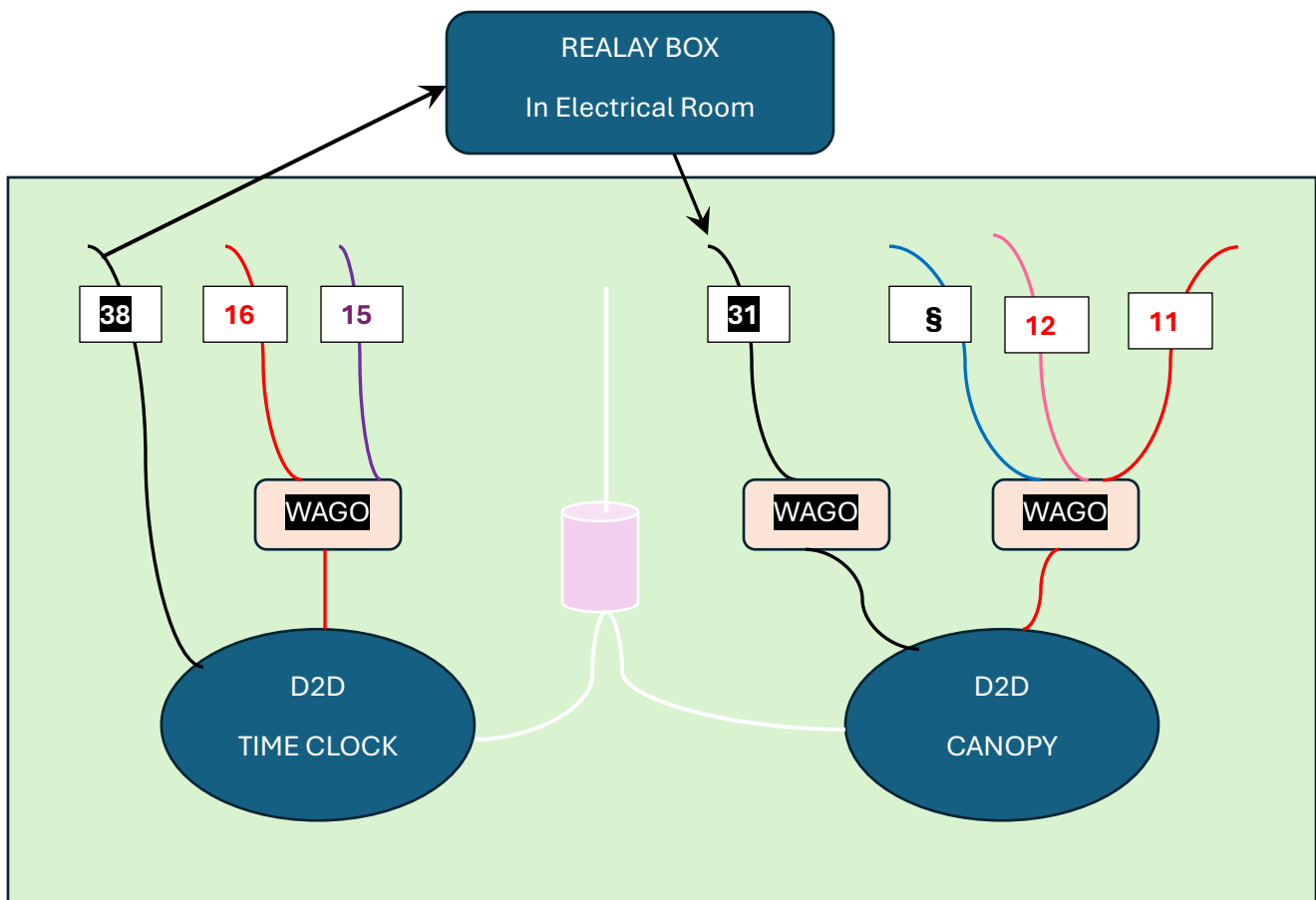
## 2-gang exterior box

### Left light sensor – **TIME CLOCK**

- 15 – **PURPLE** – North Canopy Lights – **timer**
- 16 – **RED** – South & East Canopy Lights – **timer**
- 38 – **BLACK** – Dusk-to-Dawn → back to Relay in electric closet

### Right light sensor – **D2D CANOPY**

- 31 – **BLACK** – MAIN POWER IN
- 11 – **RED** – South & East Canopy Lights Always-On (dusk-to-dawn)
- 12 – **PINK** – North Canopy Lights Always-On (dusk-to-dawn)
- § - **BLUE** – I think this powers lights on side of building



**Tom**, on November 29, 2024, I spent some time looking at the wiring of the various canopy and parking lot lights. Above is how I understand the wiring to work. I also added an extension to the 2-gang exterior box. This helped in 2-ways: 1) it provided more room to fit wiring when closing box, and 2) it allowed the face-plate to tightly screw down (no stripped threads). The box will eventually need to be taped around the sides to prevent water entry.

**How I Determined Wiring:** After I figured out that wire 31 is the main power in, I put a connector on that wire and jumped it to each of the non-white/green wires in the box, one at a time. I would then walk around and note what that wire powered. From this one-by-one testing of each wire I was able to determine what lights they powered.

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I added an extension to the 2-gauge exterior box



I also labeled the wires in the relay box

