Notes on Approach Indicator Board

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| J Connector | Notes |  |
| 1 | Not used (will renumber when I’m back on the internet) |  |
| 2 | Raw logic outputs, +5 and GNS, could make 6 position or add another +5/GND | optional |
| 3 | Station 0 analog inputs, paired as input and +5 assumes CAT5 | Std |
| 4 | Station 1 analog inputs, paired as input and +5 assumes CAT5 | Std |
| 5 | Station 2 and 3 digital inputs, assumes user provided detectors | optional |
| 6 | NO Relay Outputs for Station 0-3, we could make this 4 position or provide the NC contacts or a bring out a second isolated contact, or make it a dry contact |  |
| JP1 | Sets relay output to GND or +5 for all relays |  |

Designations:

W/N West or North detector, D = Distant, H = Home (near)

E/S East or South detector

J4 only uses North and South to save space

Power:

2.1 mm plug, use 5 volt regulated wall wart, avoids issues with on-board regulator

Pull downs are standard 9 position SIP, I used 4.7K because that’s a part I stock, but they come in many values including 10K.

Analog Sensors are PT19s