Main2 debugging dump:

A screenshot of a computer

Description automatically generated

Main3 terminal window:

**[insert screenshot here]**

Main4 debugging dump:

A screenshot of a computer

Description automatically generated

Bits 31-24 are state number,

Bits 23-16 are west output,

Bits 15-8 are south output,

Bits 7-0 are walk output.

Finite State Machine:

A diagram of a mathematical problem

Description automatically generated with medium confidence

Circuit Diagram:

A diagram of electrical wiring

Description automatically generated