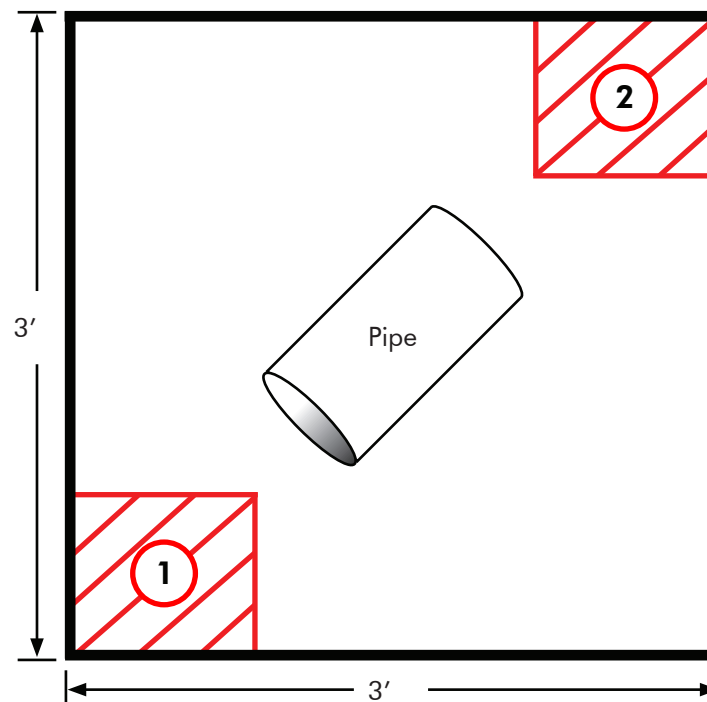# PipeBot *Level 1*

Challenge Description

Build and program a robot which can travel through a pipe and detect the flaws inside (marked with black tape). Each flaw should be counted and stored in a variable, with the total displayed on the screen at the end of the program.

Materials Needed

- Black electrical tape
- Red electrical tape
- Scissors (or cutting tool)
- 8" diameter plastic pipe approx. 18"long)
- Ruler (or straight edge)

Board Specifications

Note: Diagrams are not drawn to scale

1 Robot must begin here and enter the pipe to count the flaws.

2 After finding all flaws, the robot should end here.