## **D.4 Cross Section**

Puzzle by: Andrew Shellshear

Difficulty: Hard

cisra Puzzle Competition 2008 http://puzzle.cisra.com.au

You run into a room filled with humming machinery, chemical beakers, and tables stacked with plastic building blocks and super-soakers. It reminds you equally of your high school chemistry lab, an air conditioning plant, and a toy store. A book entitled *Engineering Bird Flu For Dummies* catches your eye and you take photographs of several of the pages within it, as well as the plastic toys and some papers on the other tables. You hope it will all be useful material for your client.

Mounted on one wall are two safes with identical electronic keypad locks, of a design you have not encountered before. One has the word VIRUS written on it, the other has the word CURE. Not for the first time, you wonder where on earth this place is, and if it is for real.

You look back over the toys and the machinery before your eyes stop on some diagrams poking out of a drawer. You take them out and stare at them. Could this describe a locking mechanism, machinery plans, or a design for a toy?





