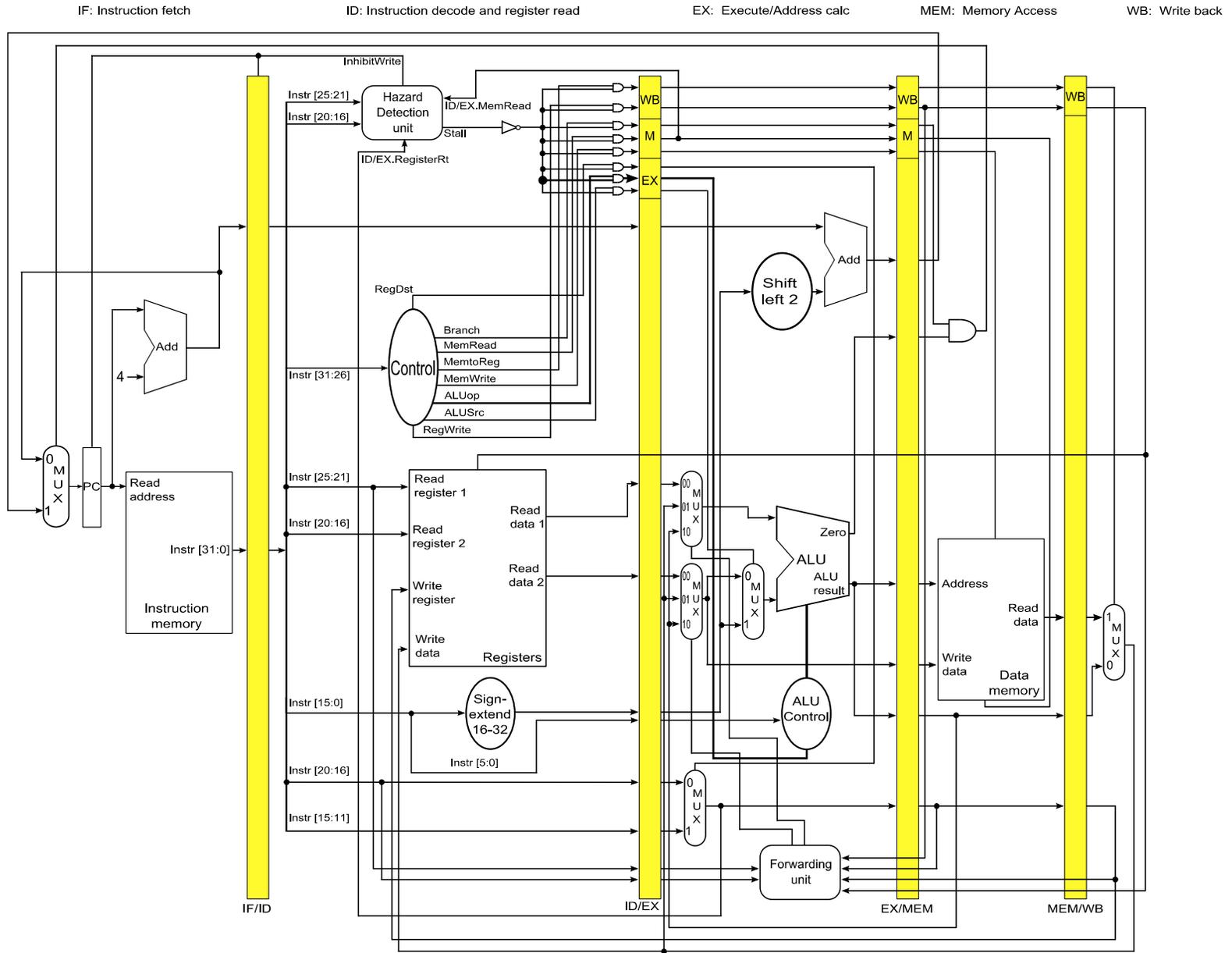The pipelined MIPS32 datapath with forwarding and hazard detection:

Supported instructions: add, sub, and, or, slt, lw, sw