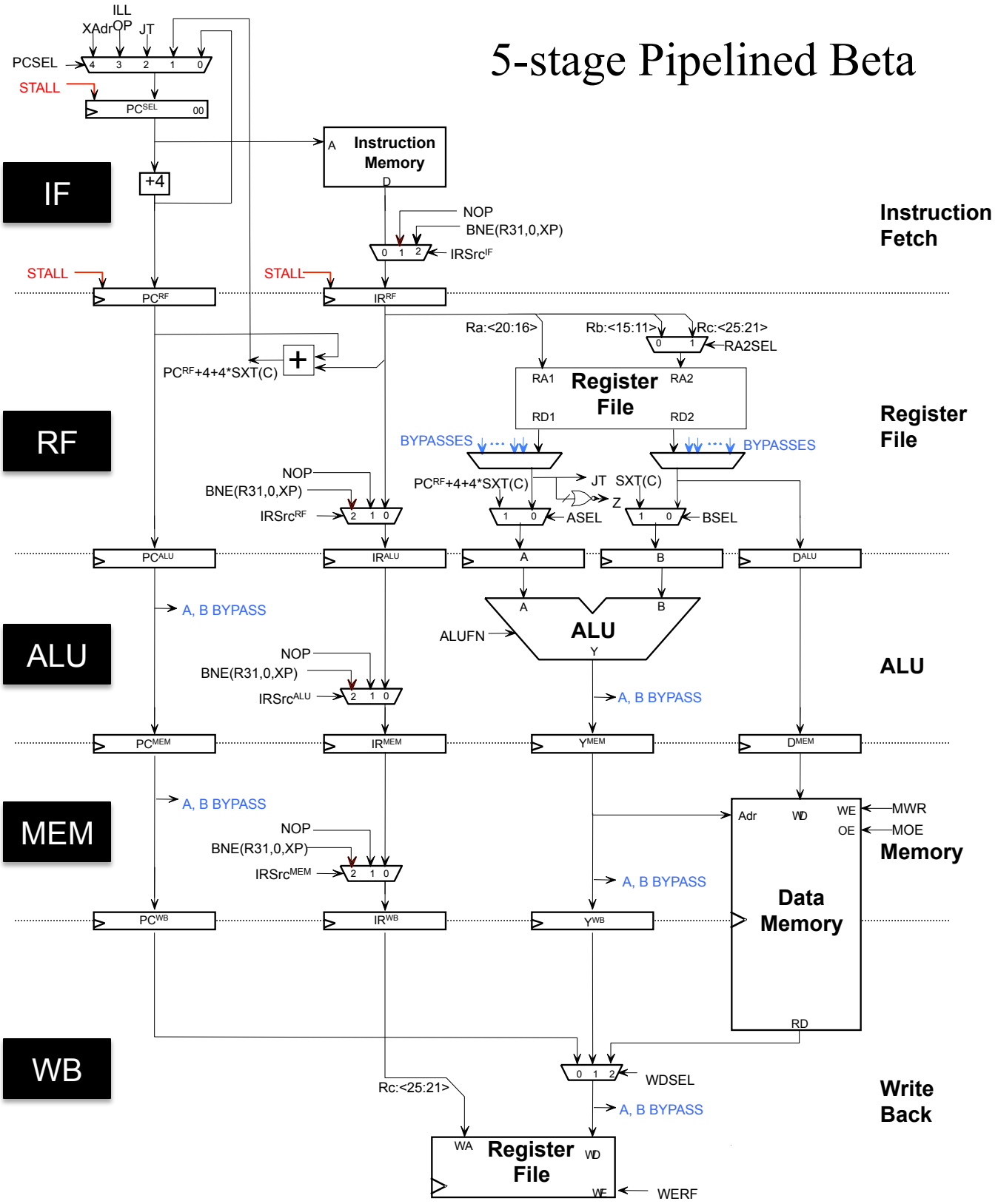5-stage Pipelined Beta