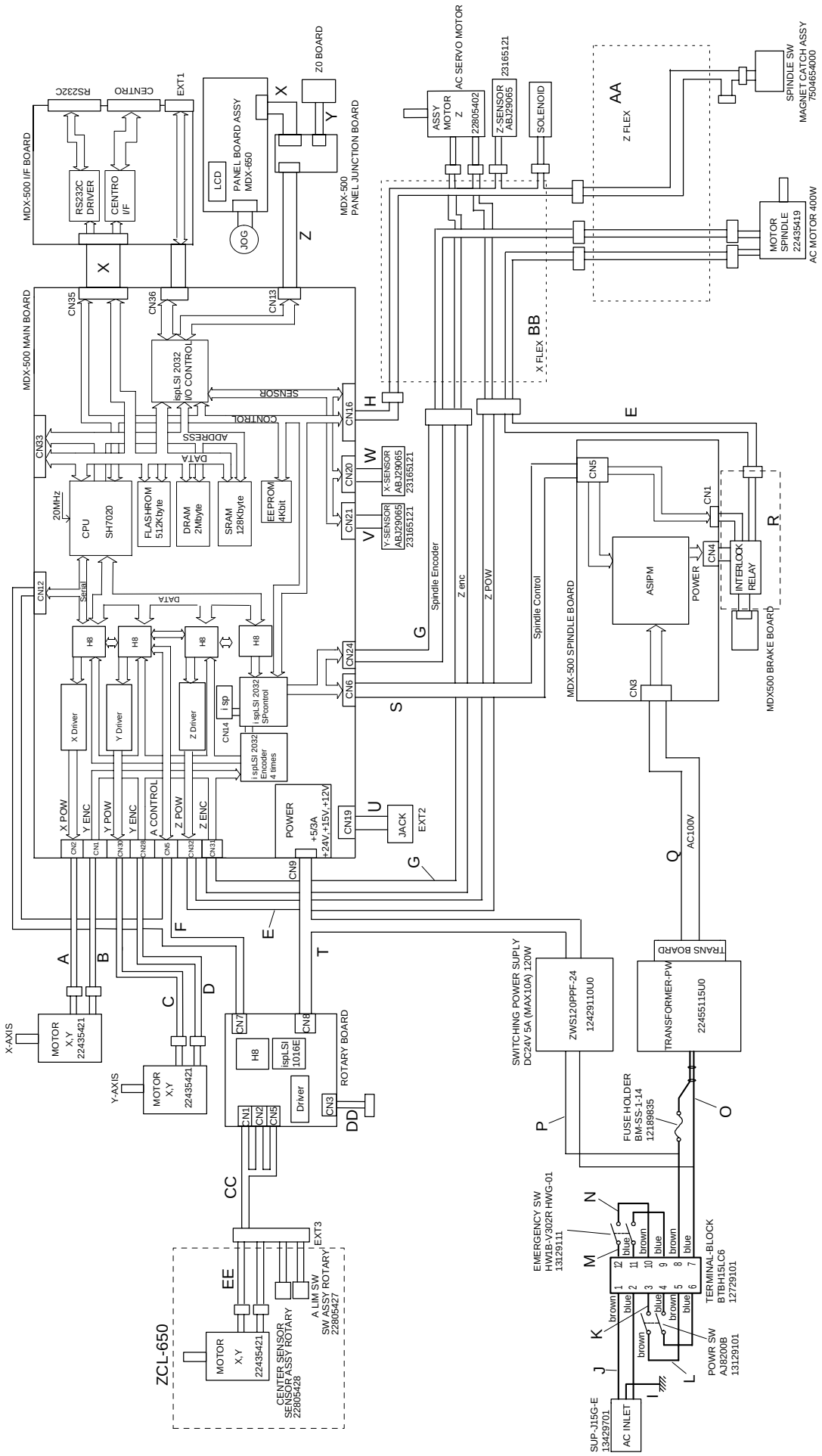2-1 WIRING MAP