



**TRAIN 1 AND TRAIN 2 MUST BE SHORT ENOUGH SO THAT WHEN THEY STOP ON THE DEAD POWER BLOCK THEY ARE NOT ON THE ISOLATED RAILS CONNECTED TO L2 OR R2.**

**ALTERNATE TRAIN CONTROL USING DZ-1000 & DZ-1008**

**TRAIN 1 IS RELEASED WHEN TRAIN 2 CONTACTS THE ISOLATED RAIL (R2). R2 THROWS SWITCH 2 TO TRAIN 1'S TRACK AND THE DZ-1008 RELAY APPLIES POWER TO BLOCK 1 AND REMOVES IT FROM BLOCK 2. WHEN TRAIN 2 REACHES BLOCK 2, IT WILL STOP AND IT WILL CONNECT L1 TO COMMON WHICH CAUSES SWITCH 1 TO THROW TO THE TRACK FOR TRAIN 1 PROTECTING TRAIN 2 FROM A REAR END COLLISION.**