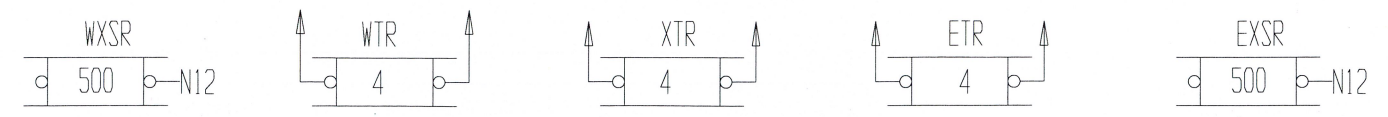


TIMING CIRCUIT  
 HOLDS GATES CLEAR FOR 3-5 SEC.  
 AFTER GATE ACTIVATION  
 2 - 9000 MFD ELECT. CAP.  
 1000 1W RESISTOR  
 1N2483 DIODE

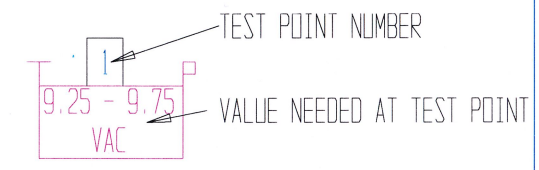
- PDR - POWER ON RELAY
- FGPR - FLASH GATE POWER RELAY
- EDR - FLASHER RELAY
- XR - CROSSING RELAY
- WTR - WEST TRACK RELAY
- XTR - CROSSING TRACK RELAY
- ETR - EAST TRACK RELAY
- EXSR - EAST CROSSING STICK RELAY
- WXSR - WEST CROSSING STICK RELAY

- GP 10 TO GATE 2 CONTACT 6
- 11 FROM GATE 2 CONTACT 6
- GP1 1 TO GATE 1 CONTACT 6
- 1XGR 3 GATE 1 XGR +
- 2XGR 13 GATE 2 XGR +
- 1XX 5 GATE 1 CONTACT 5 BELL POWER
- 1EN 8 GATE 1
- 1EB 7 FLASHING LIGHT
- 2EN 17 GATE 2
- 2EB 16 FLASHING LIGHT
- XB12-1 9 TIP LIGHT
- XB12-2 18 PWR
- 1EC 6 LIGHT
- 2EC 15 GROUND
- N12 4 GATE 1 GND
- N12 14 GATE 2 GND

SEE SHEET 1 FOR TRACK CIRCUITS



SEE SHEET 2A FOR STICK RELAY  
 DIAGRAM



- GATES SHOWN IN CLEAR POSITION
- ALL WIRES TO BE 10AWG OR LARGER.
- AC VOLTAGE
- GATE LOGIC
- GATE POWER
- B12, LIGHT CIRCUIT
- N12, TRACK CIRCUIT
- 1GFGPR CABINET TO GATE CONNECTION, SEE SHT 3
- CONNECTION
- NO CONNECTION
- FGP WIRE LABEL

SEE SHEET 4

REVISIONS	DATE	BY	STRASBURG RAIL ROAD	
FINAL	08/13/2015	SSW	DESCRIPTION: PARADISE LANE CROSSING SHEET 2	
			PART NAME: RELAY DIAGRAM	LAYOUT NAME: ESBENSHADE 2
			DRAWN BY: SPS	DATE: 29 JULY 2015