



UTILITY POWER WIRES TO BE 10AWG OR LARGER.  
 BATTERY TO BUSS WIRES TO BE 4AWG OR LARGER.  
 BUSS TO MECHANISM WIRE TO BE 4AWG OR LARGER.  
 ALL OTHER WIRES TO BE 10AWG OR LARGER.

BATTERY BOX IN GROUND NEXT TO RELAY CABINET

6 EXIDE EMF-265 GELL CELL BATTERIES

- C 1.5Ω ADJ. RES. SAFTRAN 029602-52X
- D POWERLINE PROTECTOR SAFTRAN 022701-1X
- E H.D. ARRESTOR SAFTRAN 022615-1X
- F EQUALIZER SAFTRAN 22700-1X
- I BUSS NON30 AMP FUSE

2  
 SET XFRMR TAPS SO LITE VOLTAGE @ TP 2, SHT 3 IS 8.5 - 9.75 VAC

LIGHTING RESISTORS  
 ADJUST RESISTORS WITH UTILITY POWER OFF SO VOLTAGE AT LIGHTS READS 9.2 - 9.5 VOLTS WITH GATES OPERATING. SEE SHEET 3 FOR TEST POINT.

- B12 TO GATE 1
- B12 TO GATE 2
- N12 TO GATE 1
- N12 TO GATE 2

REVISIONS		DATE	BY	STRASBURG RAIL ROAD	
FINAL		08/13/2015	SSW	DESCRIPTION:	PARADISE LANE SHEET 4
				PART NAME:	POWER SUPPLY
				LAYOUT NAME:	PARADISE LANE 4
				DRAWN BY:	SPS
				DATE:	30 JULY 2015