Tucson Garden Railway Society

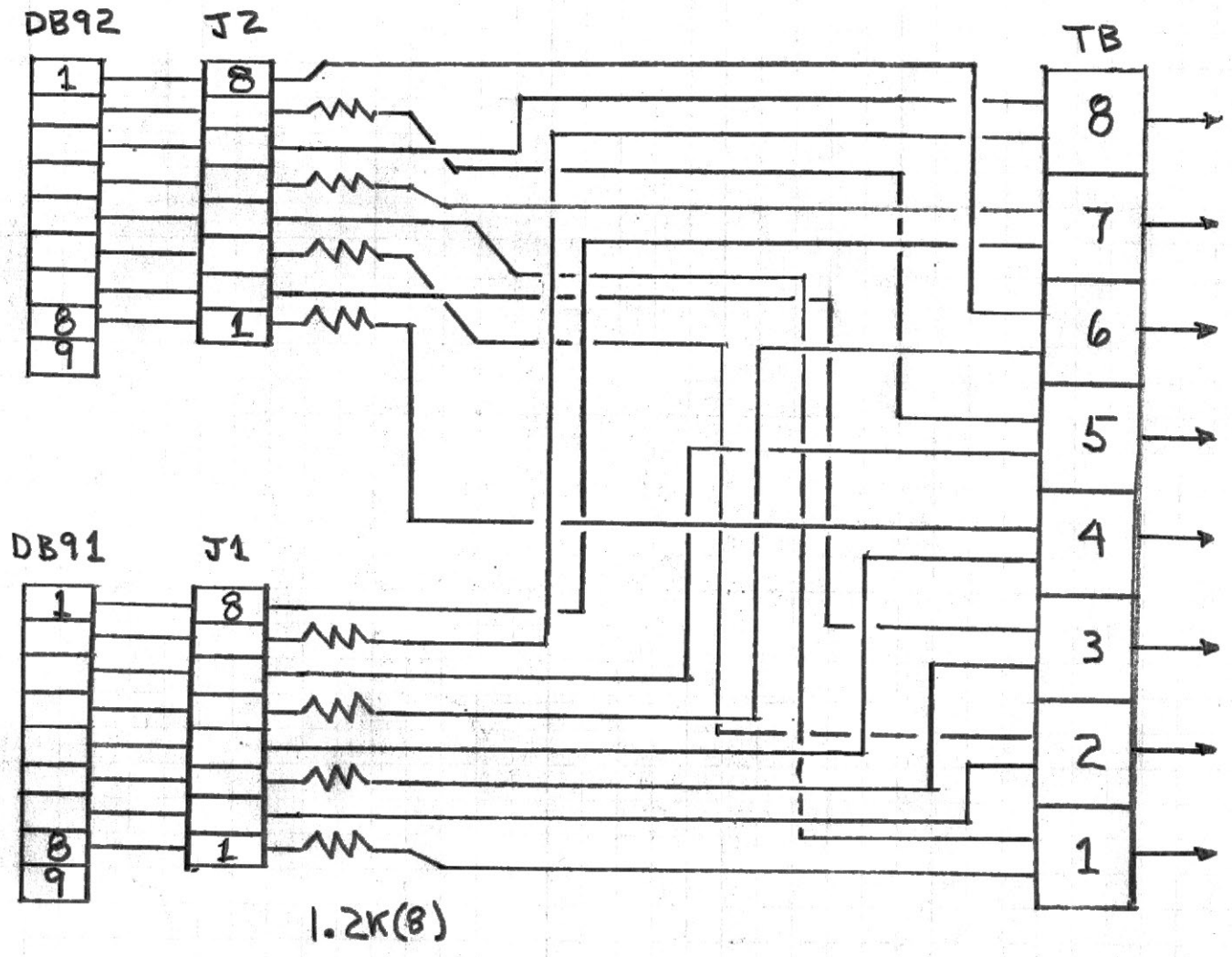
Modular Layout, Signal Bridge Interface

Date: ??

Notes:

1) For reference purposes, inner, outer, right and left are as if one is inside the layout, facing the yard sections.
2) The Signal Bridge I/Fs connect the Signal Bridges to the tracks and provide current limiting resistors for the LED signals.
3) There are two slightly different interface circuits at the right and left ends of the yard.
4) Each I/F circuit is located on the underside of the middle module (where the Main/Yard block gaps are located) of the curve sections at each end of the yard.
5) The Signal Bridges connect to the I/F circuits via the DB9 connectors that terminate the two cables built into each Signal Bridge.

GEM 02/2020

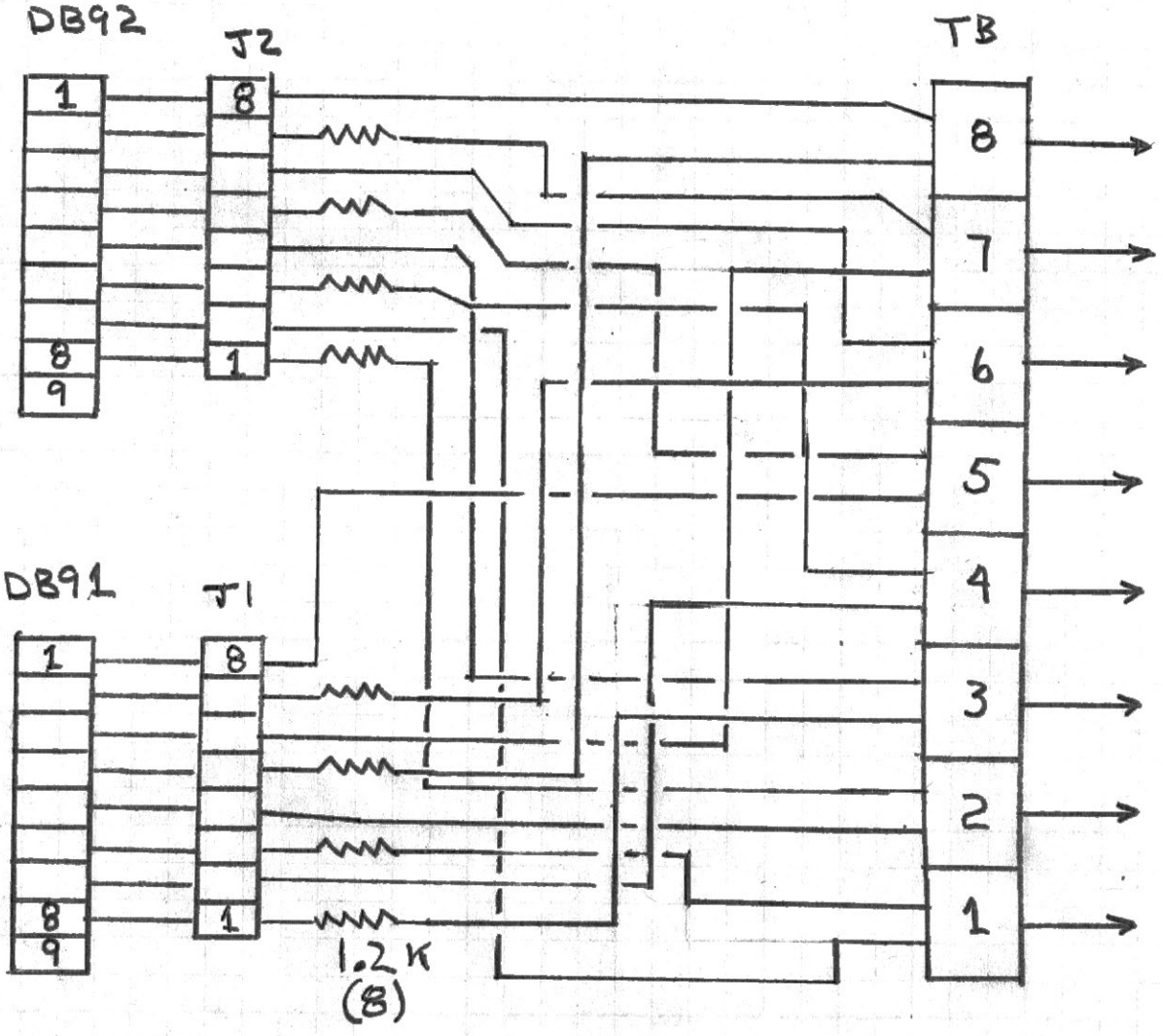


LOOP	YARD MAIN	RAIL
I	Y	I
I	Y	O
I	M	I
I	M	O
O	Y	O
O	Y	I
O	M	O
O	M	I

I = Inner
O = Outer
M = Main
Y + Yard

Signal Bridge I/F, Right Side

R



LOOP	YARD MAIN	RAIL
I	Y	I
I	Y	O
I	M	I
I	M	O
O	Y	O
O	Y	I
O	M	O
O	M	I

I = Inner
O = Outer
M = Main
Y = Yard

Signal Bridge I/F, Left Side