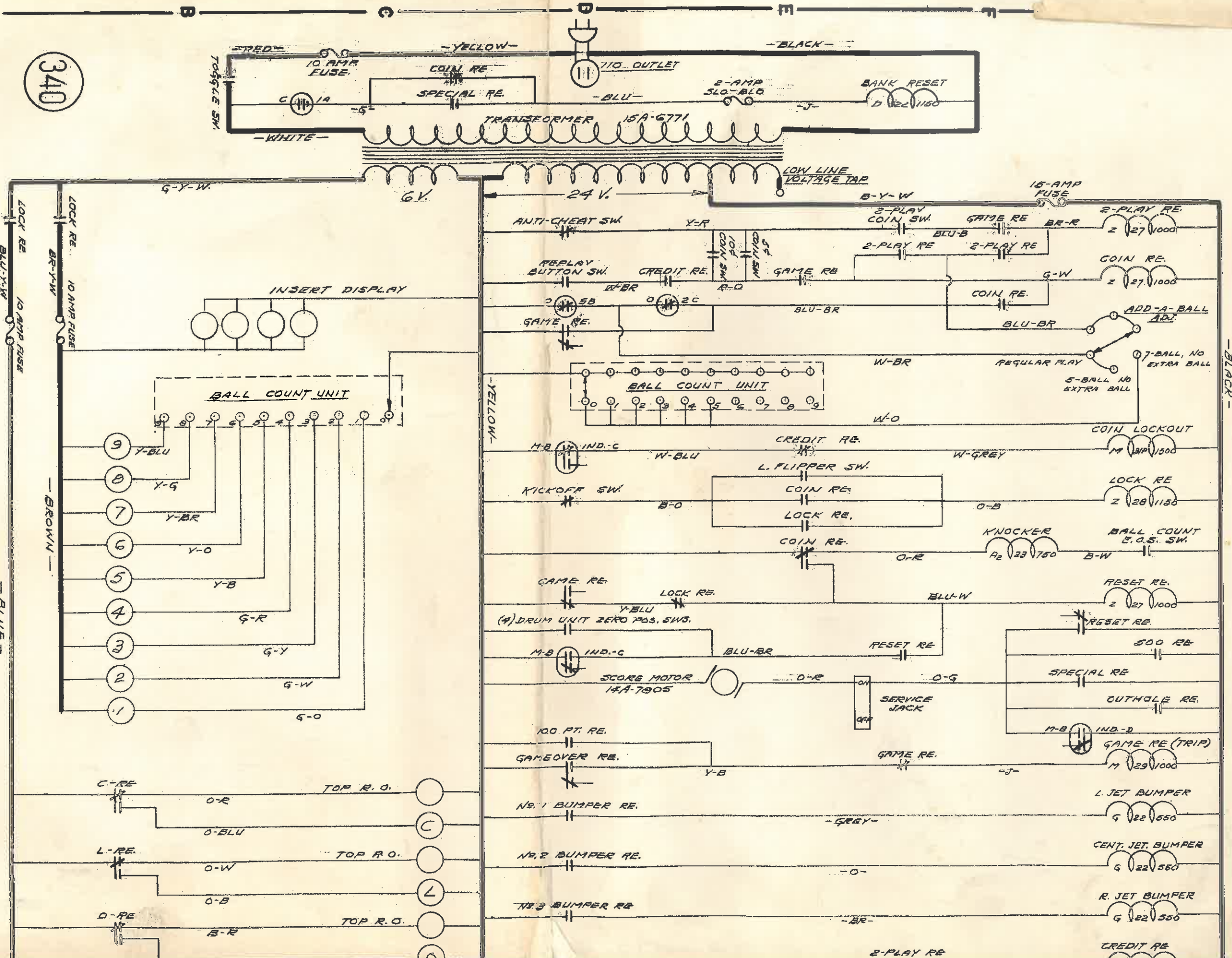


SMARTY
 WILLIAMS ELECTRONICS INC.
 3401 California Avenue
 Chicago 60616 Illinois

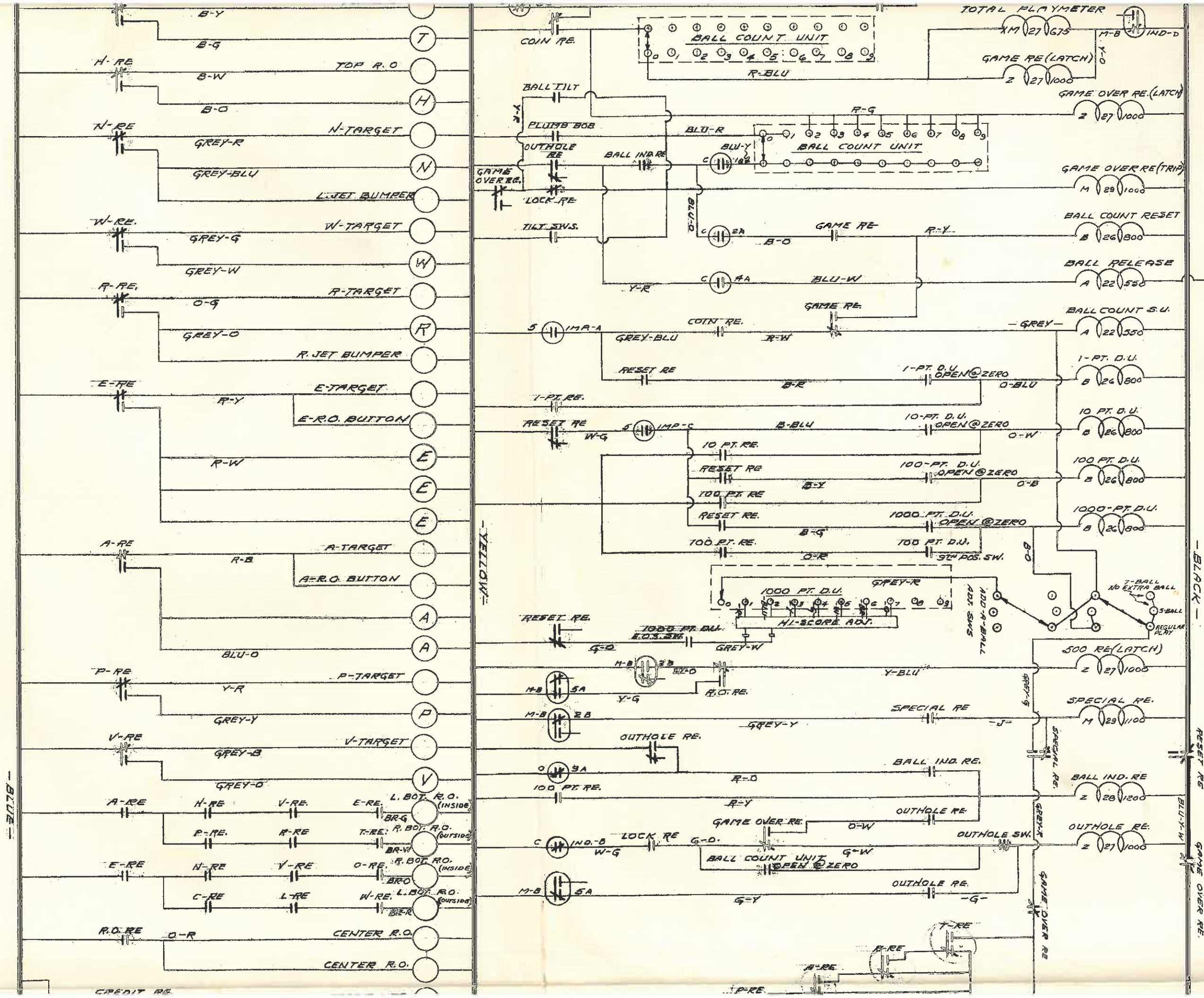
340

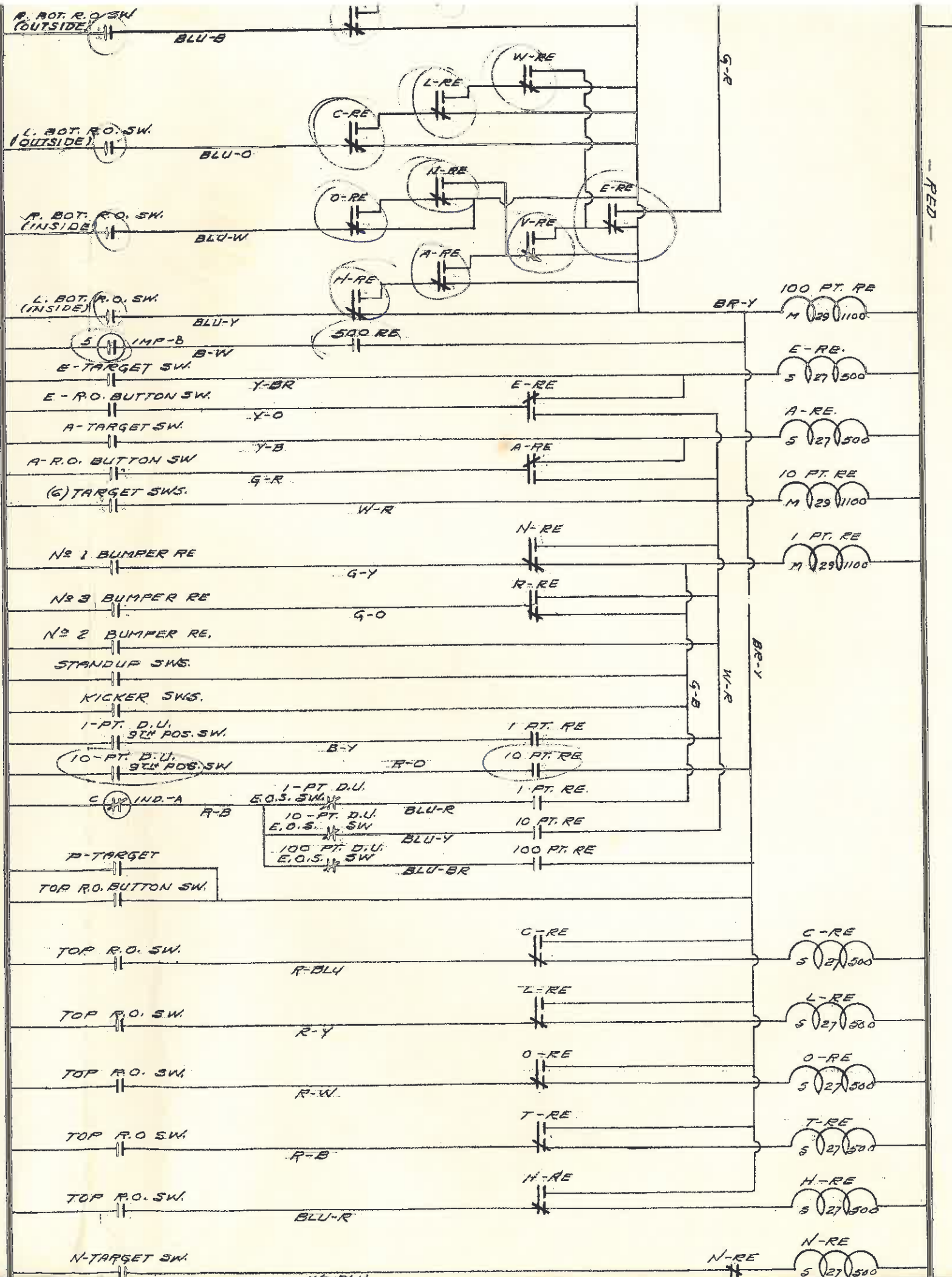
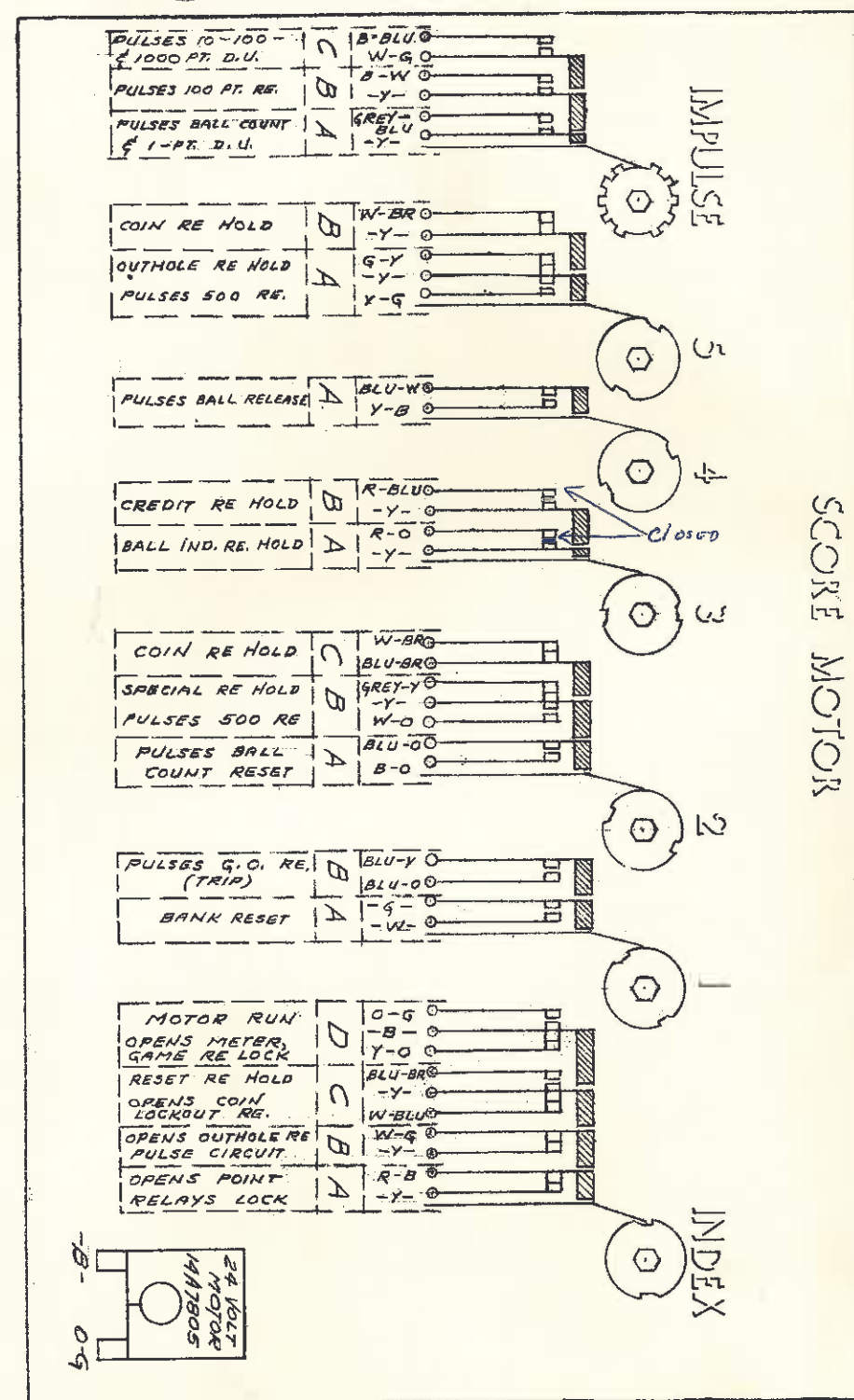
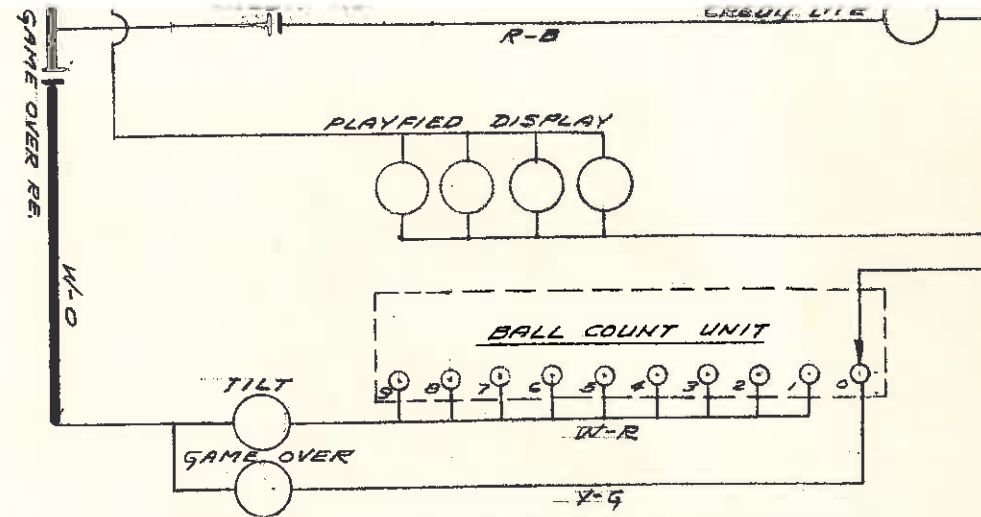


2
3
4

-BLACK-

5
6
7
8
9

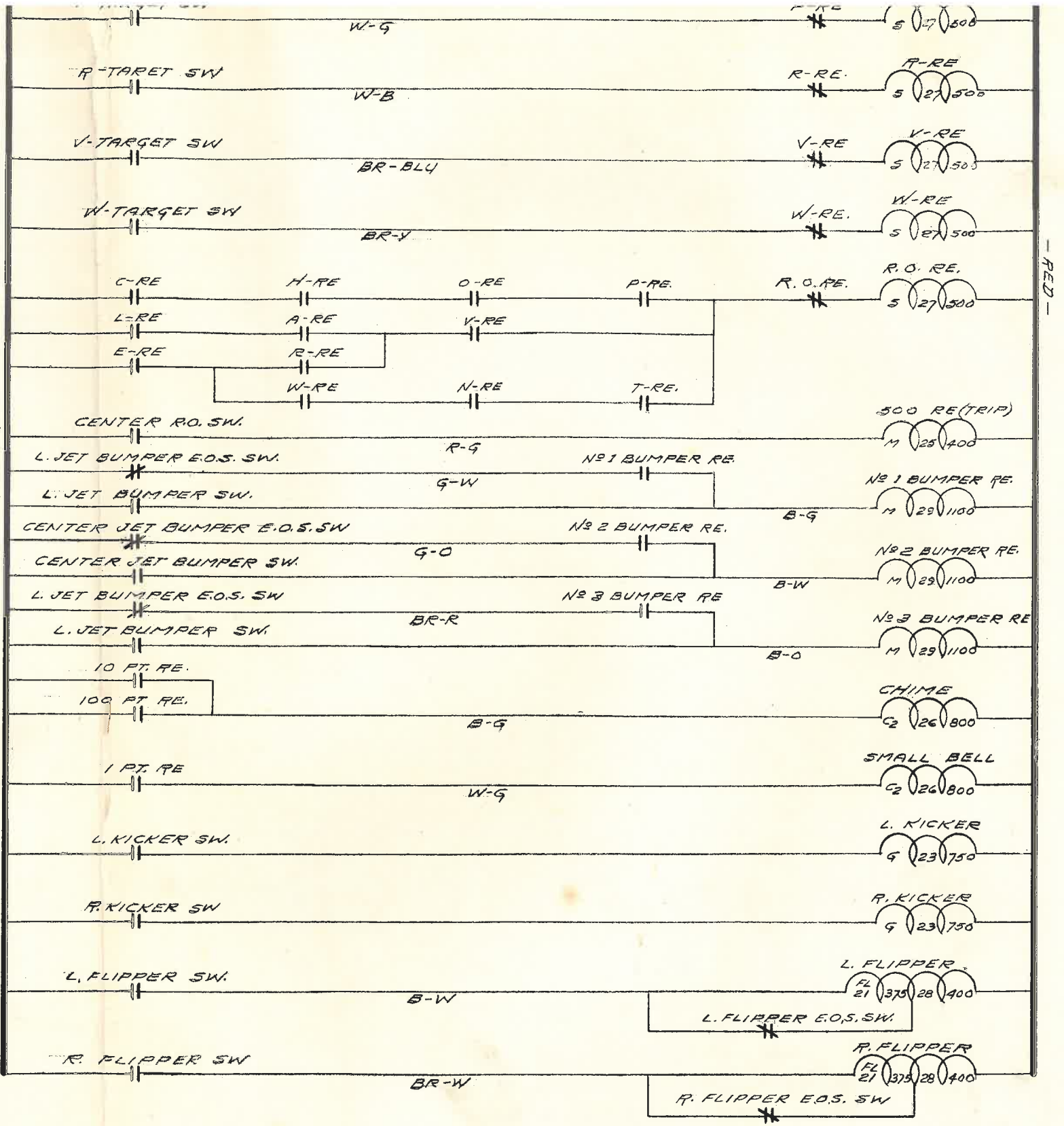




0
11
12
13
14
15

RED

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	



Coil Locations

1 Reset	66	Jet Bumpers(3)	46 To 56
1 S. U.	76	Kicker Left	186
Reset	66	Kicker Right	196
Reset	186	Knocker	3F
1 F	186	Playmeter	56
1(4)	76 To 86	Small Bell	186
(2)	196		

Relay Locations

126	P-Re	156
96	R-Re	166
146	Reset Re	36
26	R.O. Re	166
16	Special Re	96
56	T-Re	156
126	V-Re	166
56	W-Re	166
66	2-Play Re	16
56	1-Pl. Re	126
46	10-Pl. Re	126
156	100-Pl. Re.	116
146	No. 1 Bumper Re.	176
26	No. 2 Bumper Re.	176
156	No. 3 Bumper Re.	186
146	500 Re(Lotch)	86
96	500 Re(Trip)	176

ABBREVIATION USED		SWITCH SYMBOL	
Adj.—Adjustment	Imp—Impulse	R—Right	 NORMALLY OPEN SWITCH CLOSED WHEN ENERGIZED.
Amp—Ampere	Ind—Index	Re—Relay	
Bot—Bottom	L—Left	R.O.—Roll Over	 NORMALLY CLOSED SWITCH OPEN WHEN ENERGIZED.
Cent—Center	M-B—Make Break	S.U.—Step Unit	
D.U.—Drum Unit	Pos—Position	Sw—Switch	 SWITCH CONTAINED WITHIN A CIRCLE INDICATES OPERATION BY A MOTOR CAM.
E.O.S.—End of Stroke	Pt—Point	Sws—Switches	
G.O.—Game Over			 MAKE-BREAK SWITCH

WIRE COLOR CODE

R—Red	G—Green	O—Orange
Blu—Blue	W—White	B—Black
Y—Yellow	Br—Brown	J—Jumper

EXAMPLE:—W—R INDICATES WHITE WIRE WITH A RED TRACER.