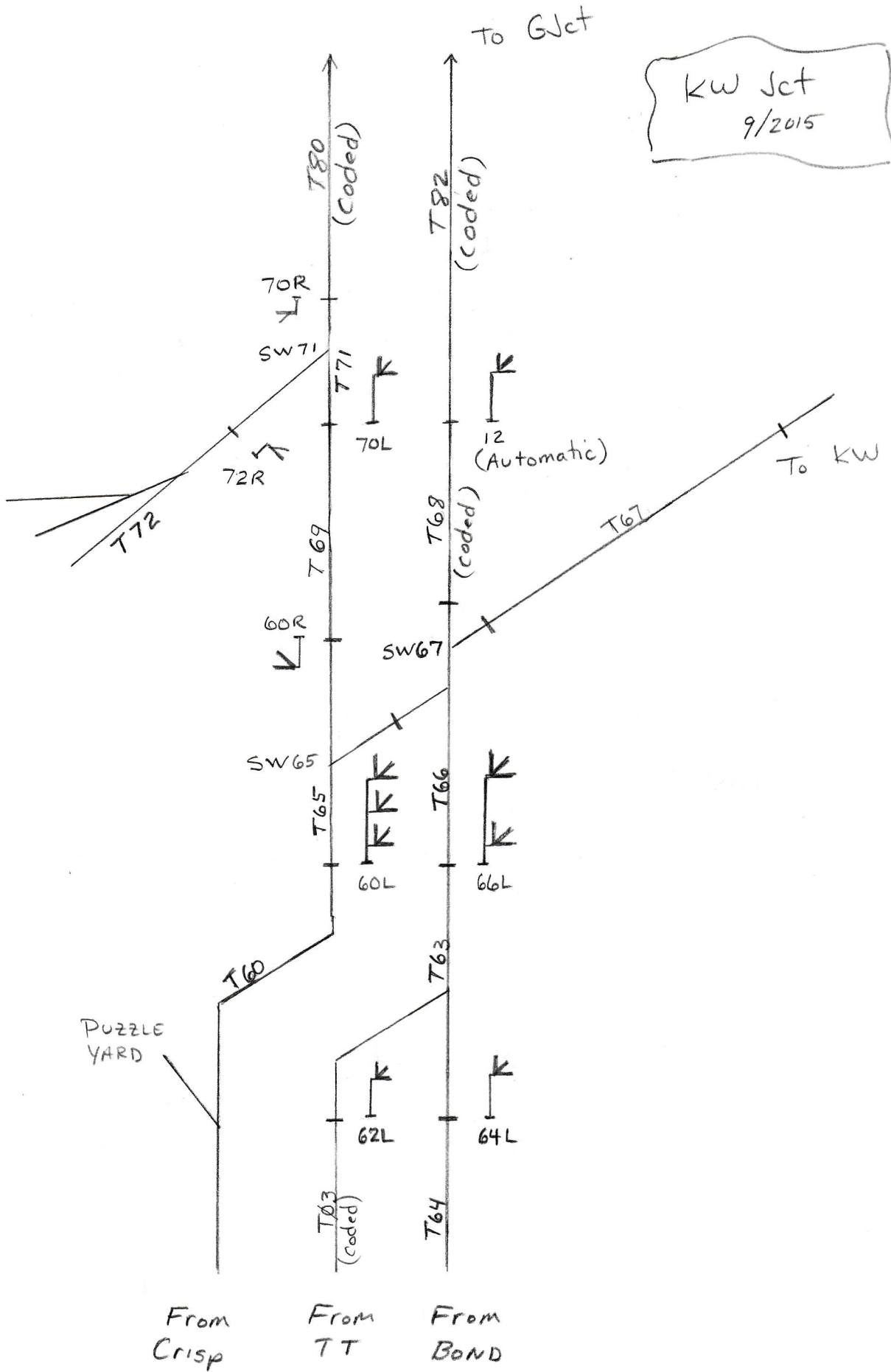


KW Jct
9/2015

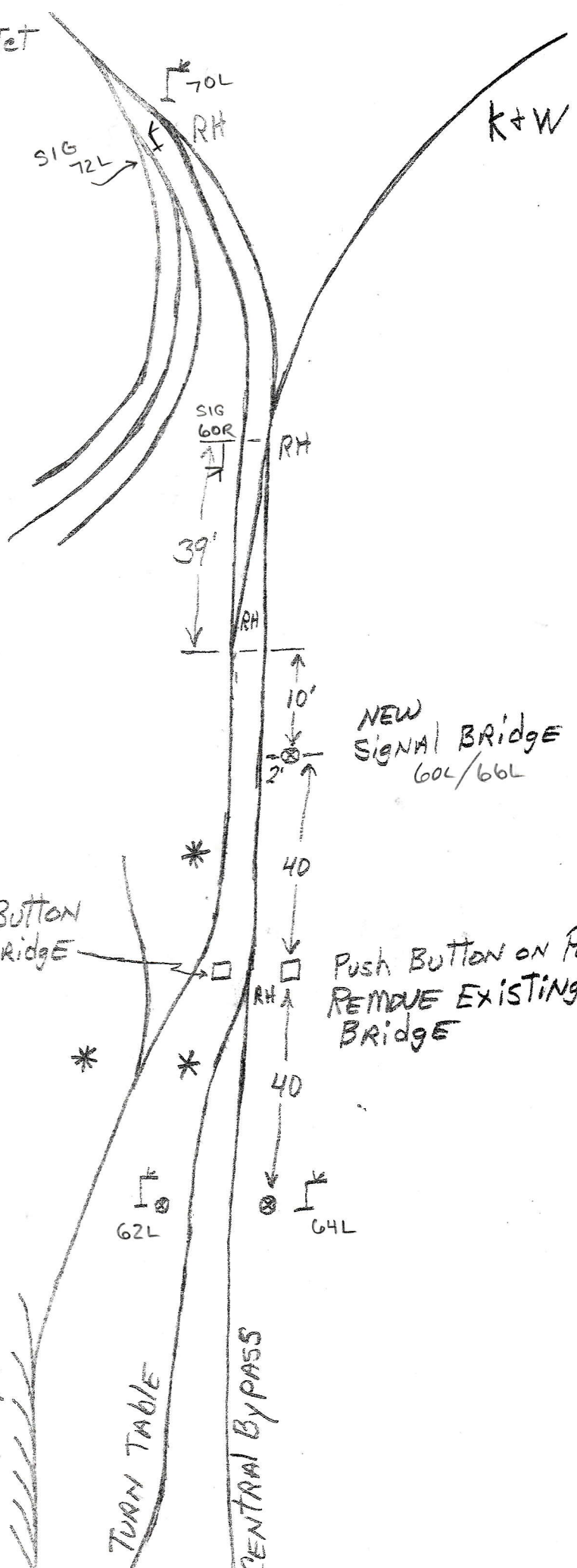


NEW TRACK ALIGNMENT

SMANG Jct

4 Light HAND switch 75'R

KW JCT
Track Alignment
Design 8/15



Push Button
ON SIGNAL BRIDGE
EXISTING

Push Button ON POST
REMOVE EXISTING
BRIDGE

* TREE

Signal Bridge

Signal Post

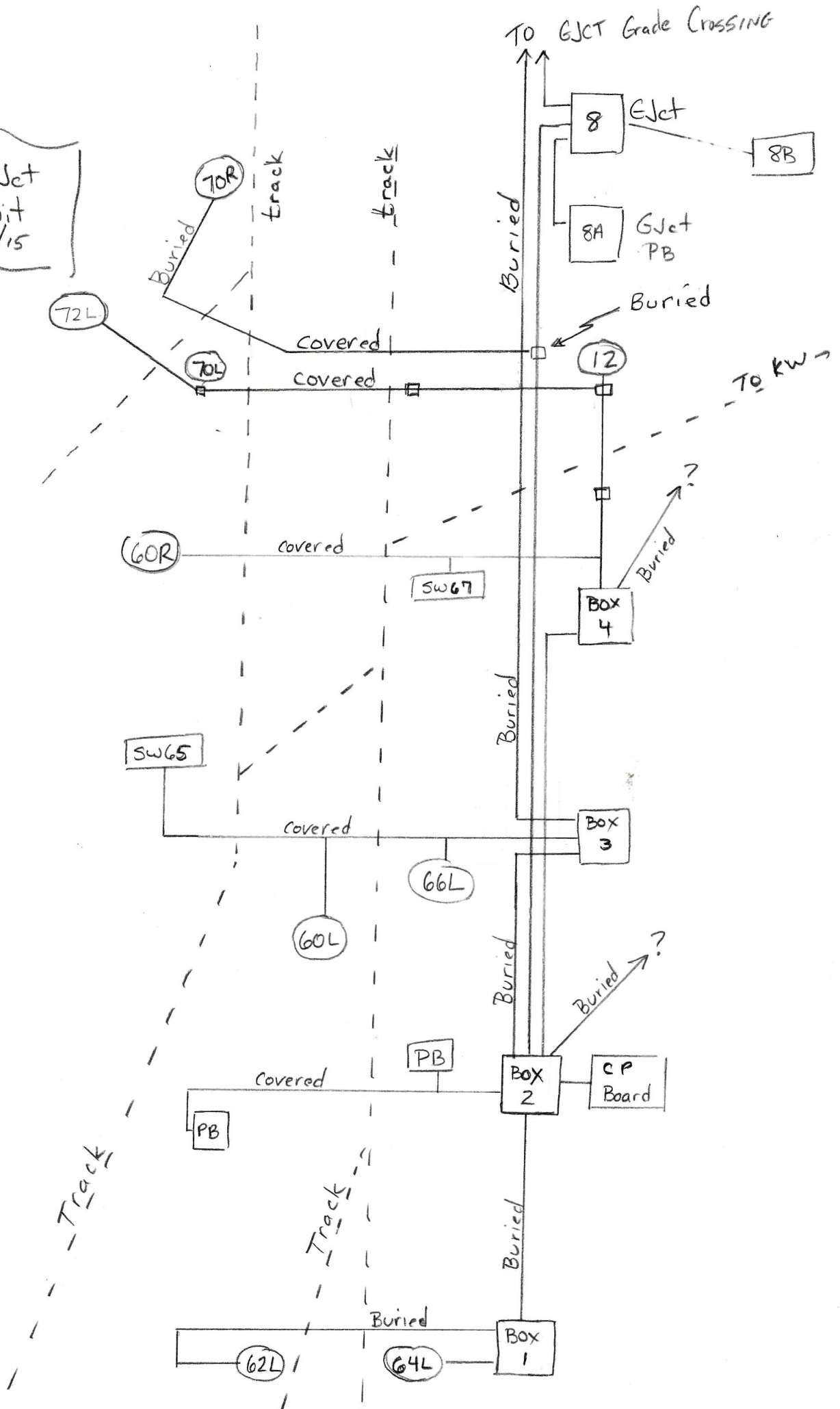
Push Button

CRISP YARD

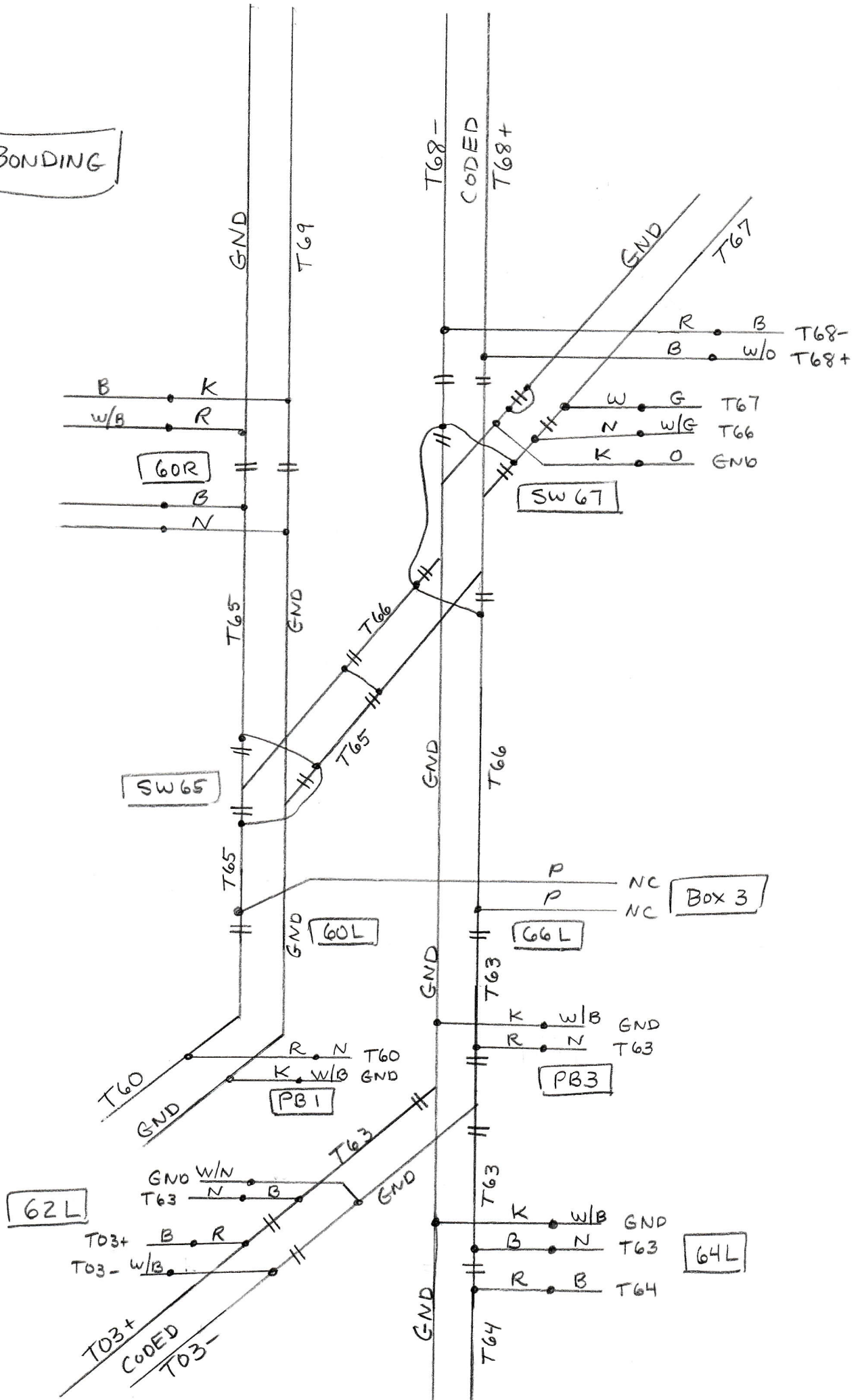
TURN TABLE

CENTRAL BYPASS

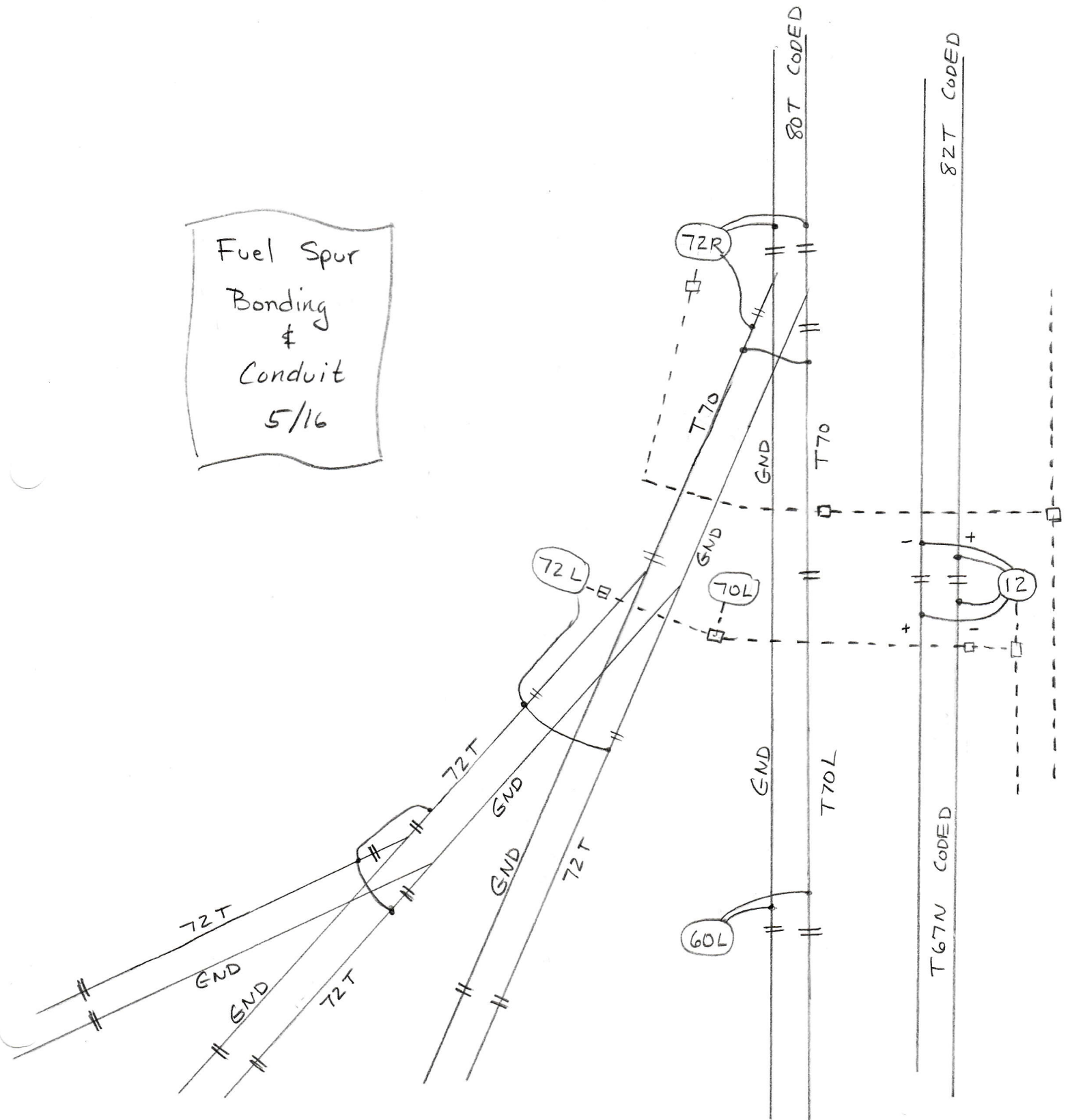
kw Jet
Conduit
9/15

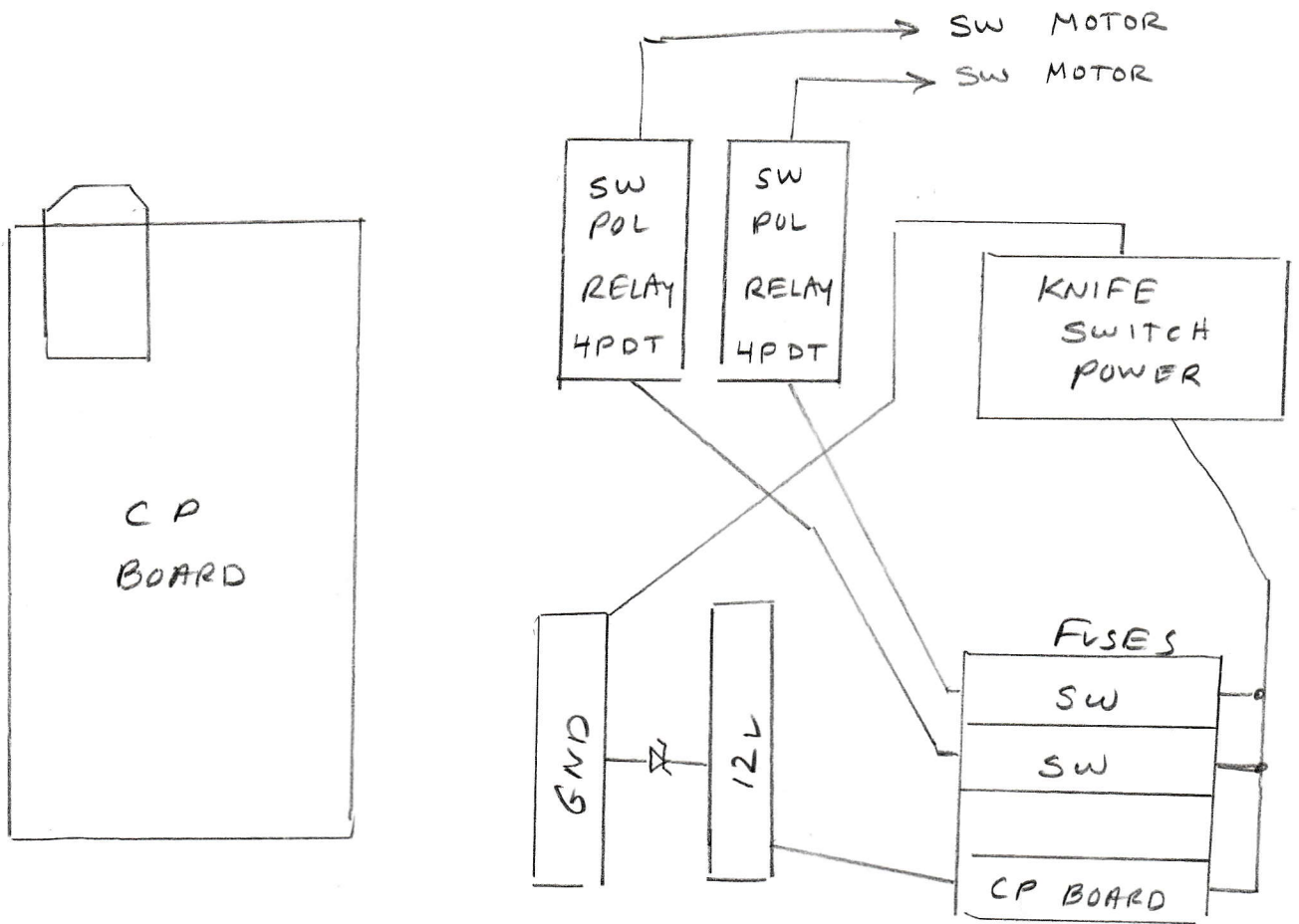


KW BONDING

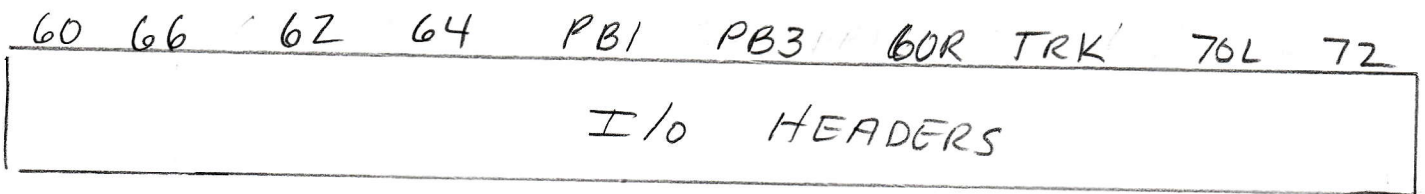


Fuel Spur
Bonding
&
Conduit
5/16





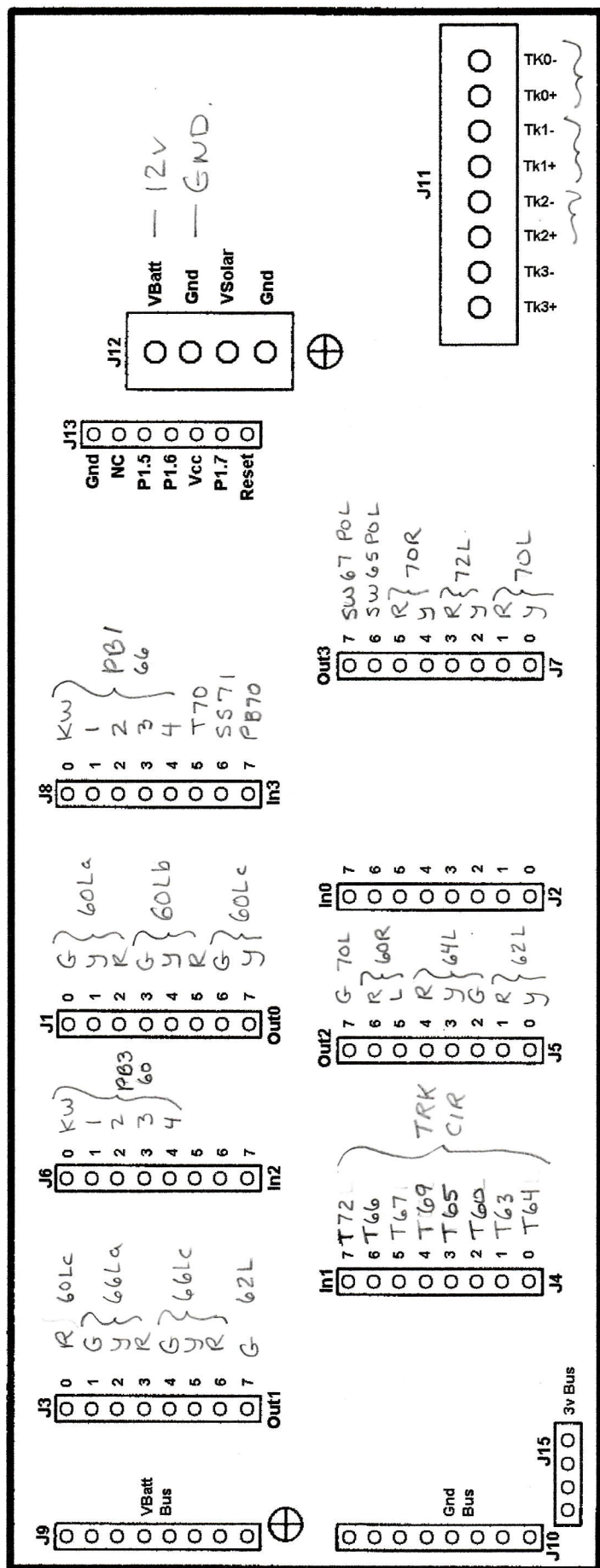
T71
TRK RELAY



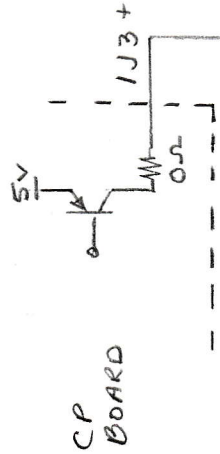
KW JCT
Box 2

KWJct CP2 Pinout

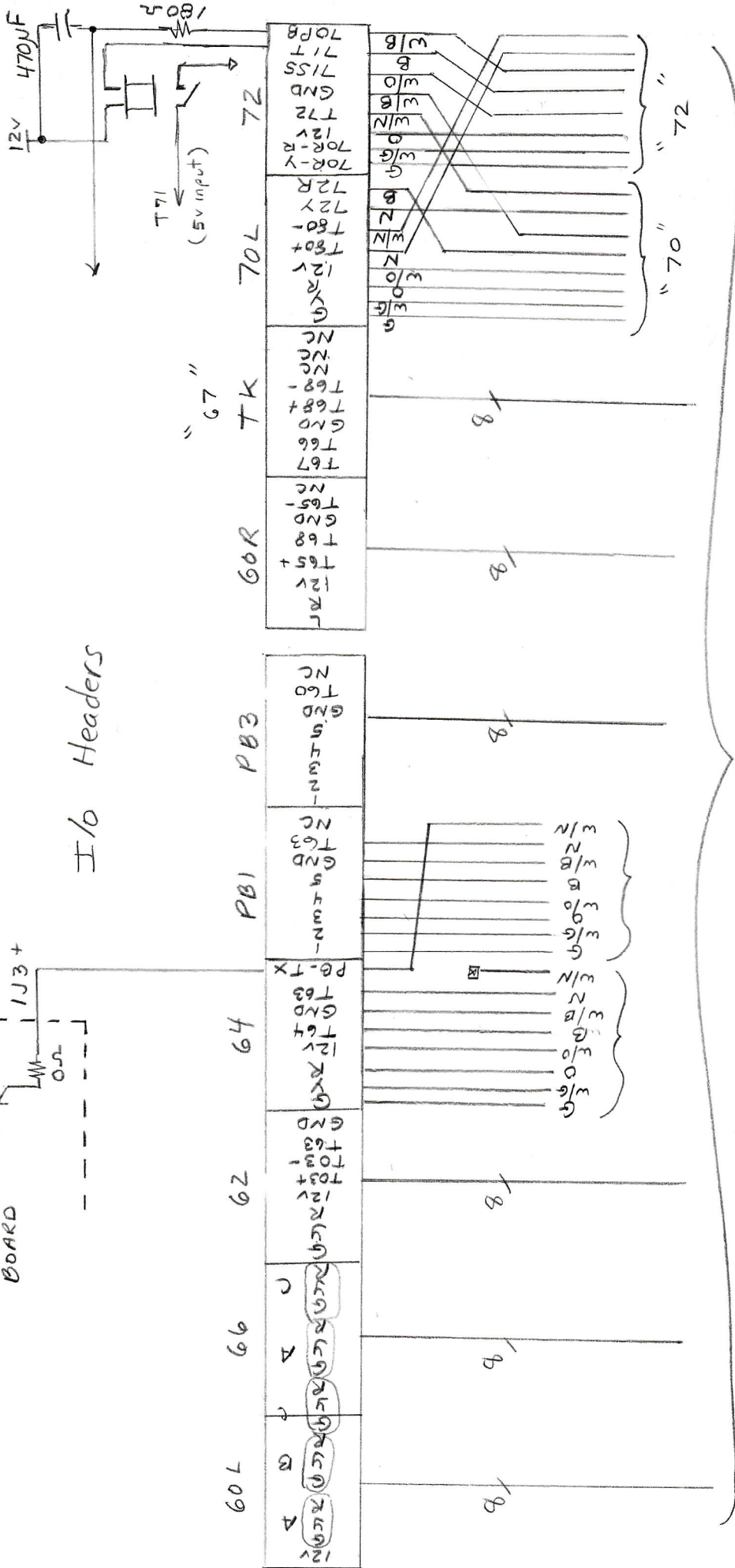
9/2015



TØ3
T80
T68



I/O Headers



All Inputs have 13.6v TVS Protection Diodes.
 Except the following have 5.3v TVS:
 T03±, T68±, T80±, T155, T0PB

w/n
 w/B
 w/O
 G

KW Jct Cable Diagram

CABLE
ASSIGNMENT
AS BUILT

70R

Y	G
R	w/G
COM	0
71SS	w/0
71T	B
70PB	w/B
T80+	N
T80-	w/N

"72"

70L

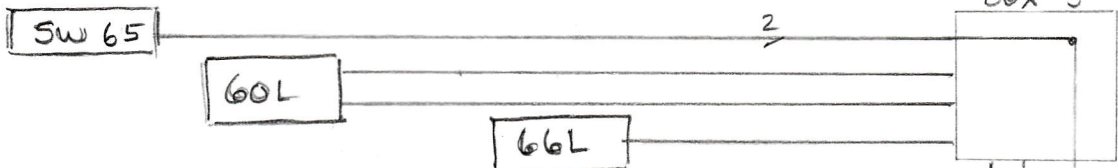
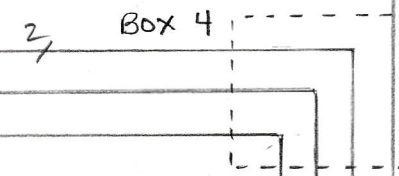
G	G
Y	w/G
R	0
COM+	w/0
72 Red	B
GND	w/B
72 Yellow	N
T72	w/N

60R

L	G
R	w/G
COM+	0
T65+	w/0
T69	B
GND	w/B
T65-	N
	w/N

T67

	G
T66+	w/G
GND	0
T68+	w/0
T68-	B
T66-	w/B
	N
	w/N

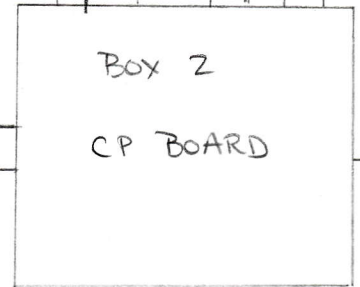


(PB60)
P.B. 3

KW	G
1	w/G
2	0
3	w/0
4	B
GND	w/B
T60	N
	w/N

(PB66)
P.B. 1

KW	G
1	w/G
2	0
3	w/0
4	B
GND	w/B
T63	N
PB-TX	w/N



62L

G	G
Y	w/G
R	0
COM+	w/0
T03+	B
T03-	w/B
T63	N
GND	w/N

64L

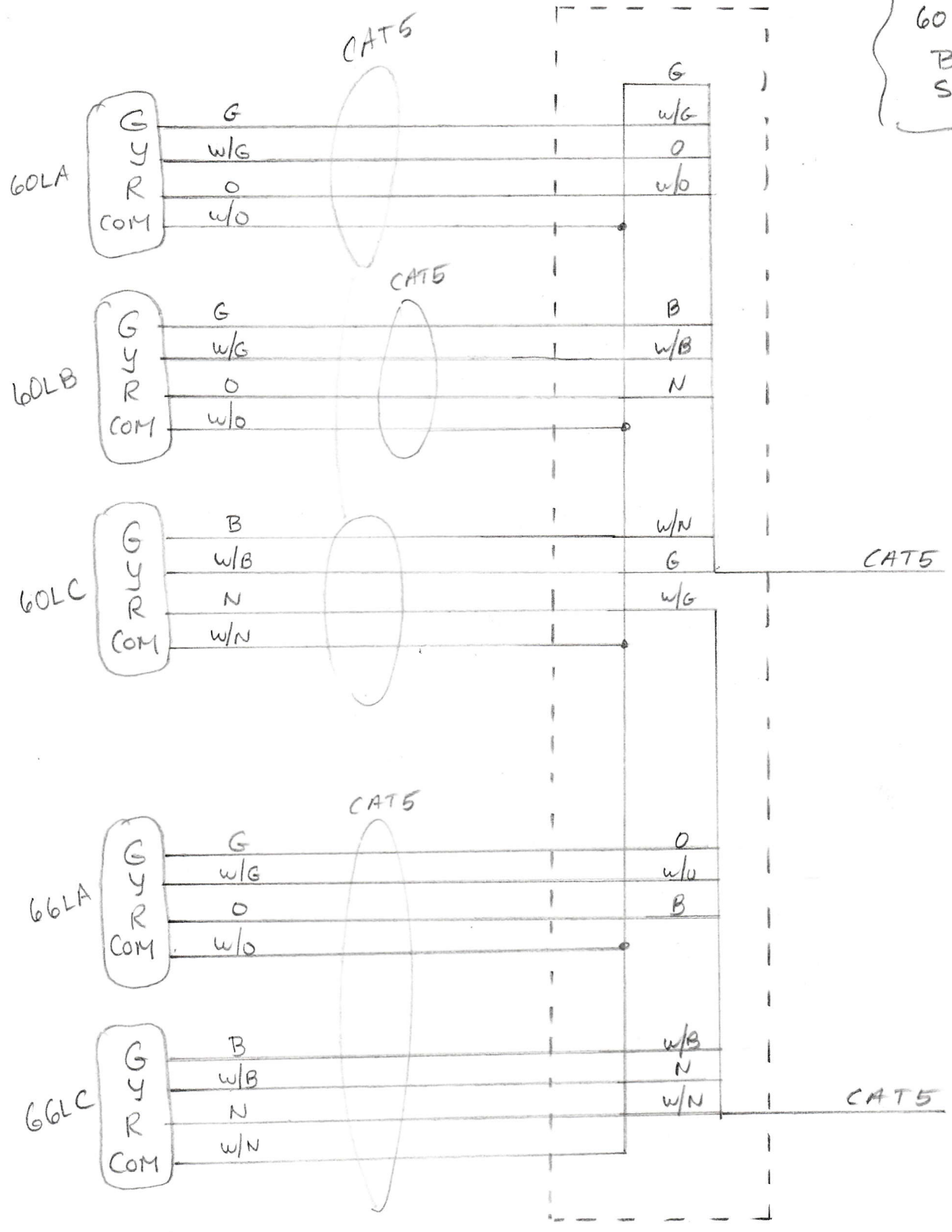
G	G
Y	w/G
R	0
COM+	w/0
T64	B
GND	w/B
T63	N
	w/N

Box 1

CABLE ORDER

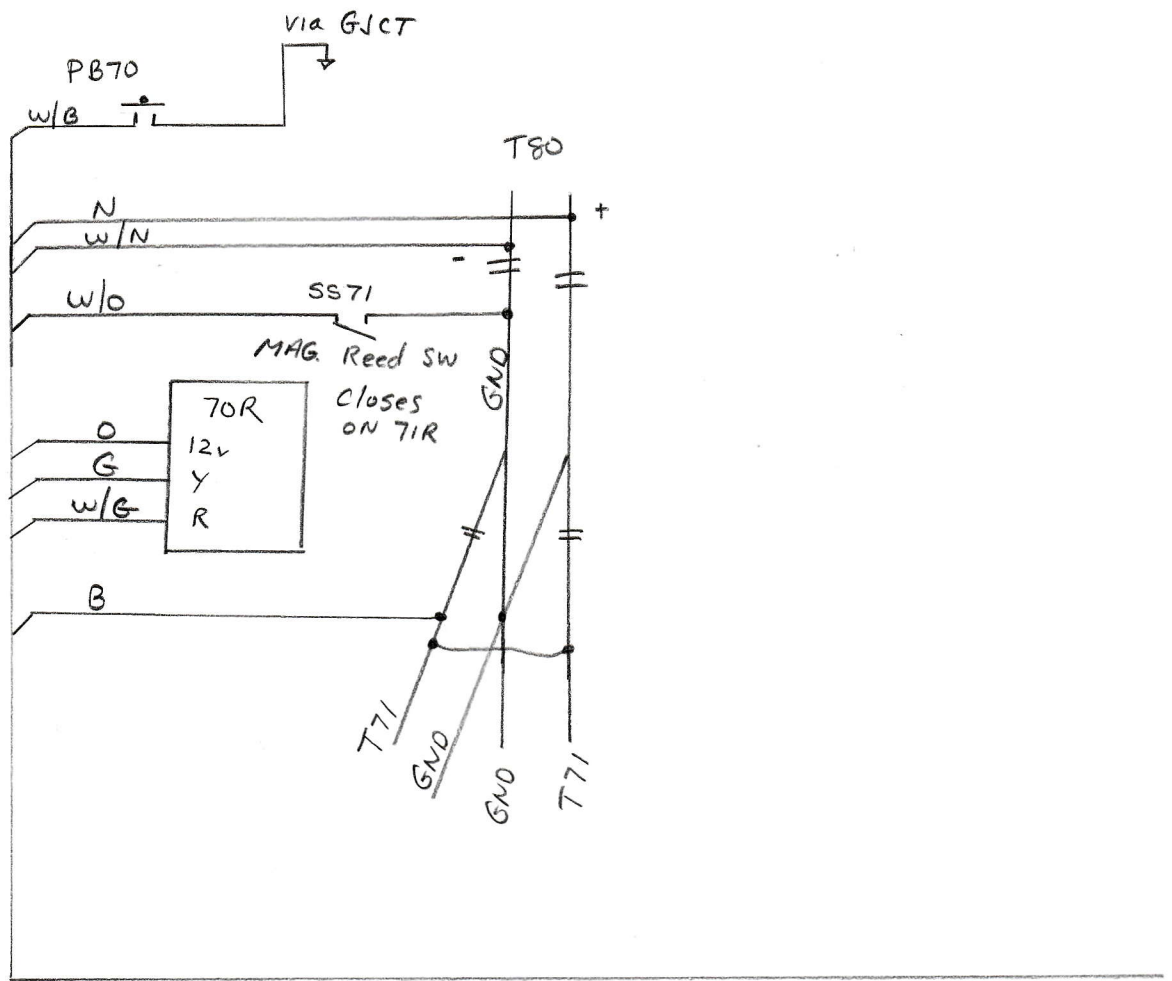
G
w/G
0
w/0
B
w/B
N
w/N

SIGNALS
60L 66L
BOX 3
SPLICING

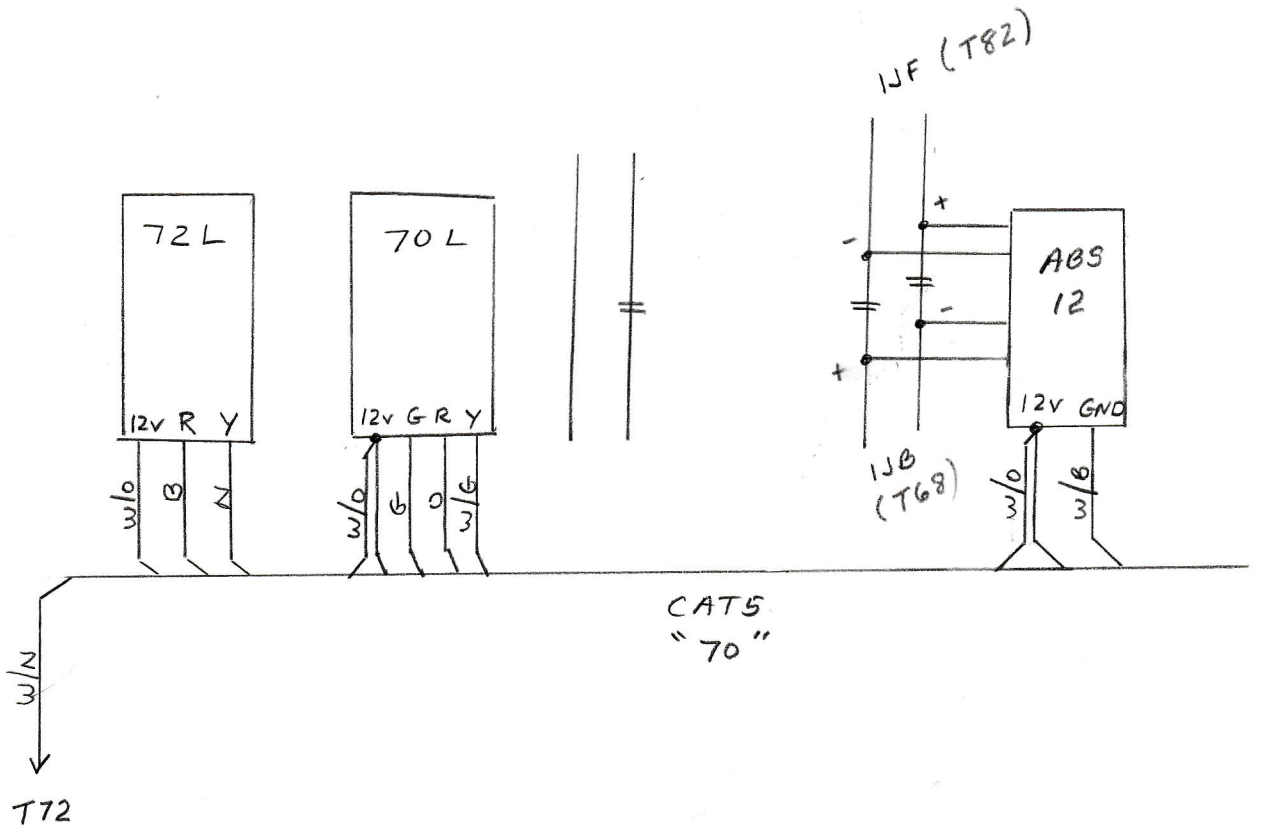


All heads
w/ 470Ω
resistor

Box 3



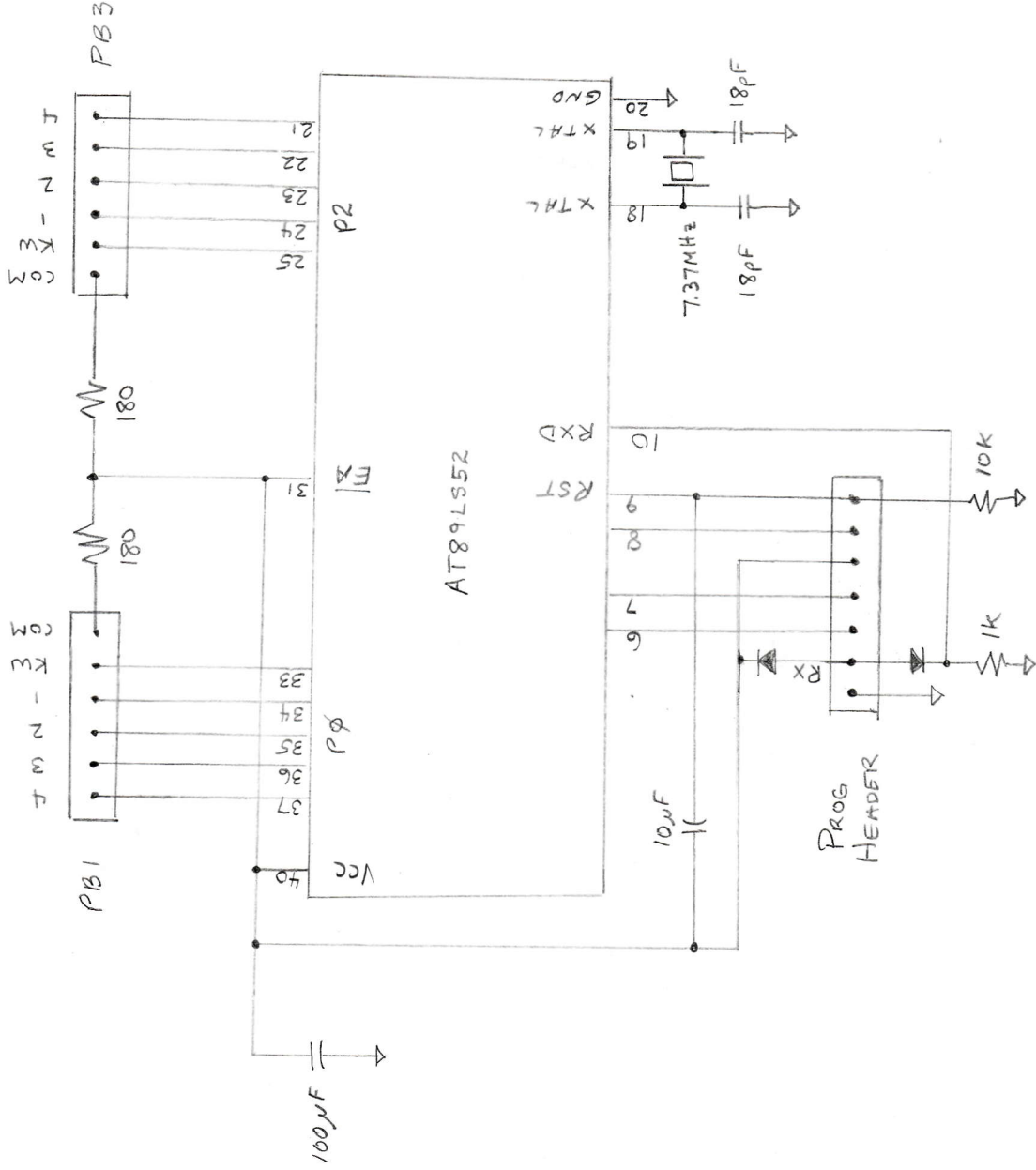
CAT5
"72"



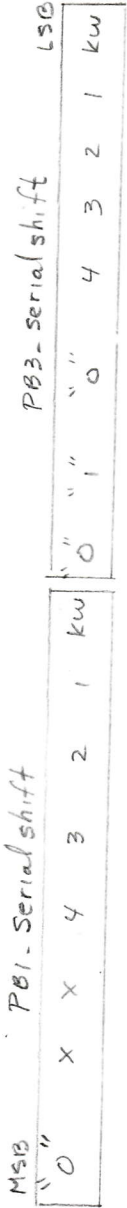
CAT5
"70"

KW JCT

Push Button
Status LED Decoder
Dec/2015



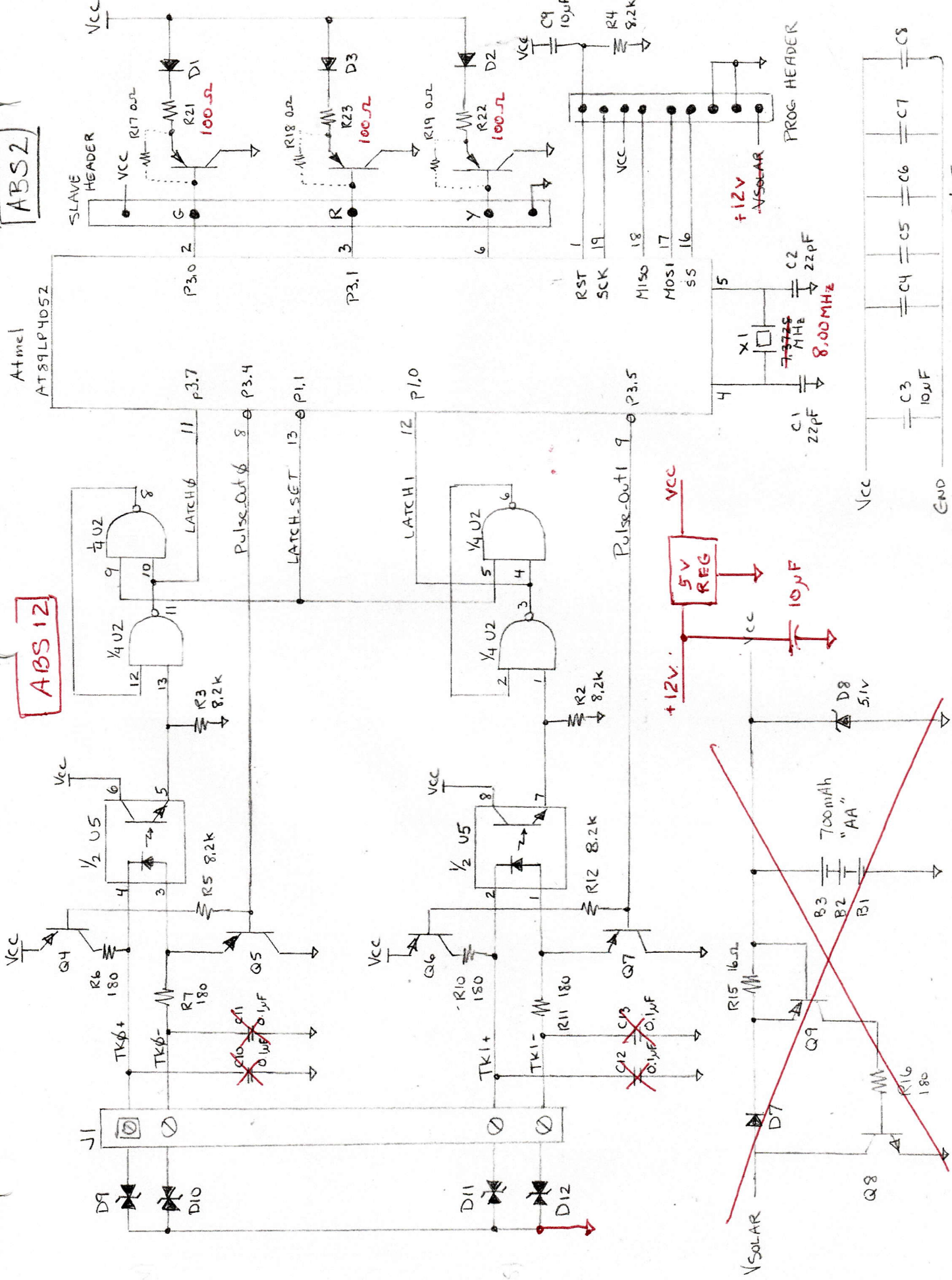
- Common Anode LEDs
- Connect RX & Gnd (power supplied thru RX)
- CP2 Board Changes
R71 = empty
R48 = 0.5L
R56 = empty.



SERIAL: ↑ Addr

10/2/2011
ABS2

Atmel
AT89LP4052



ABS 12

12v Powered ABS between KWJCT / GSCT MP ~~7200~~ 0.12