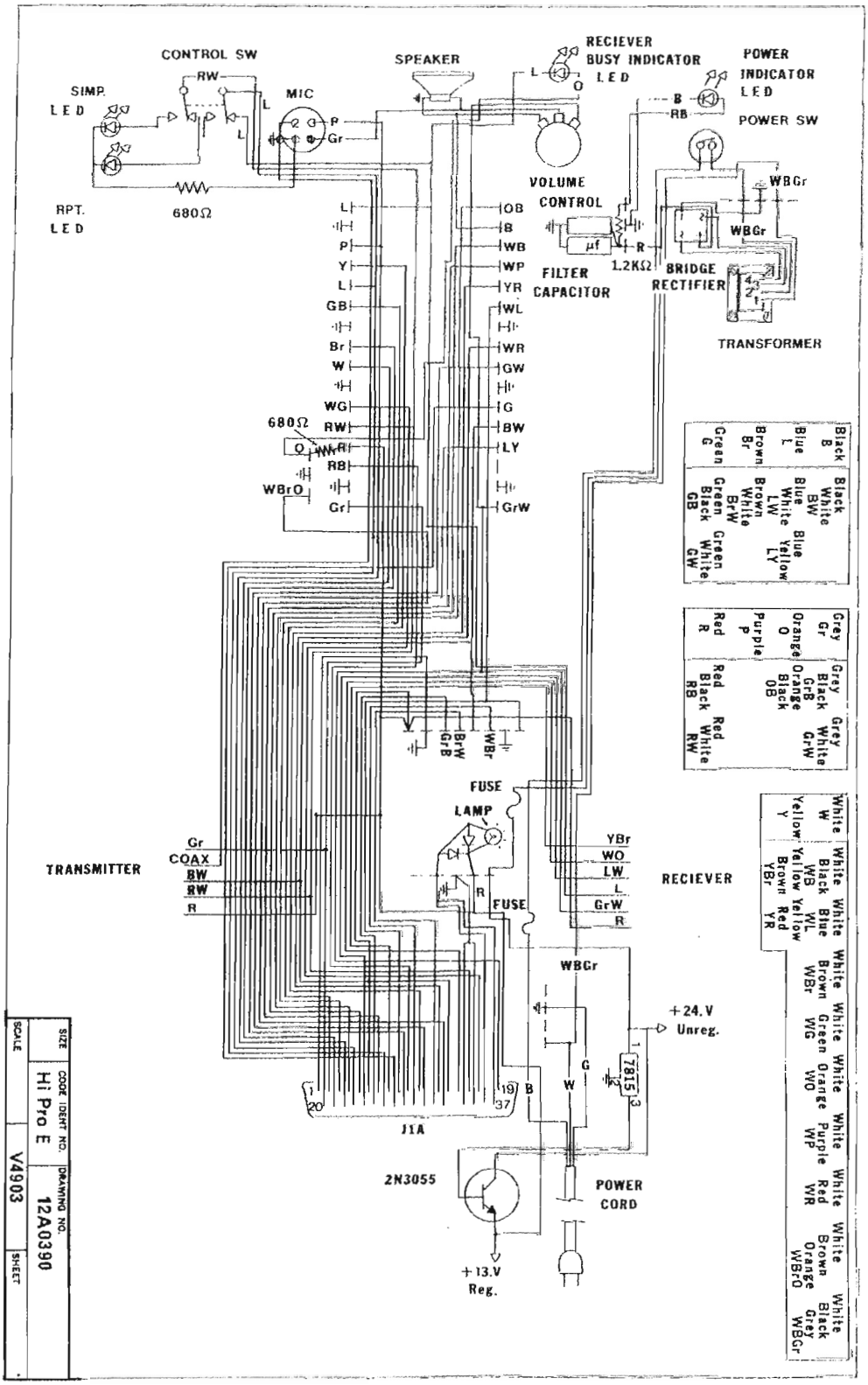
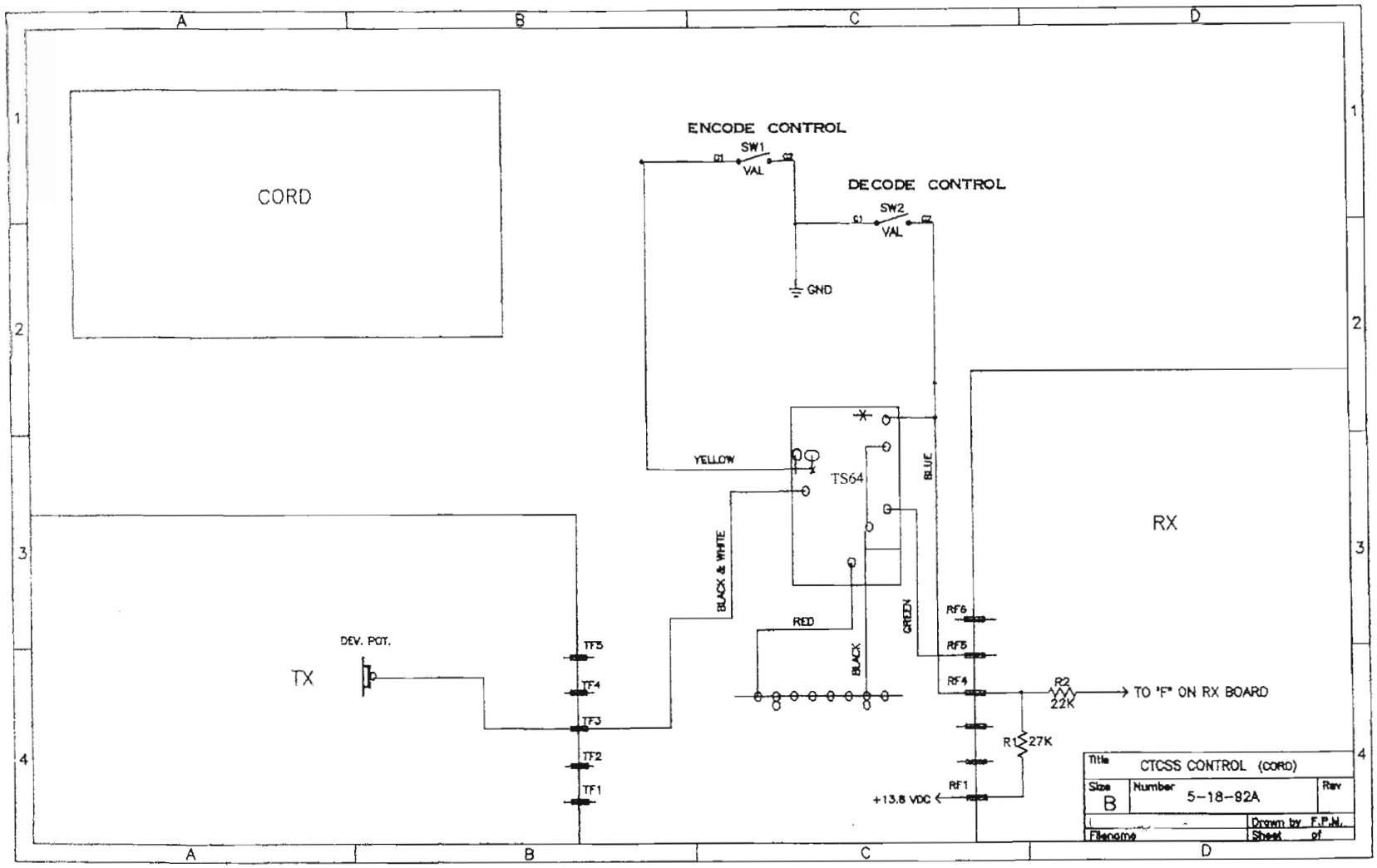
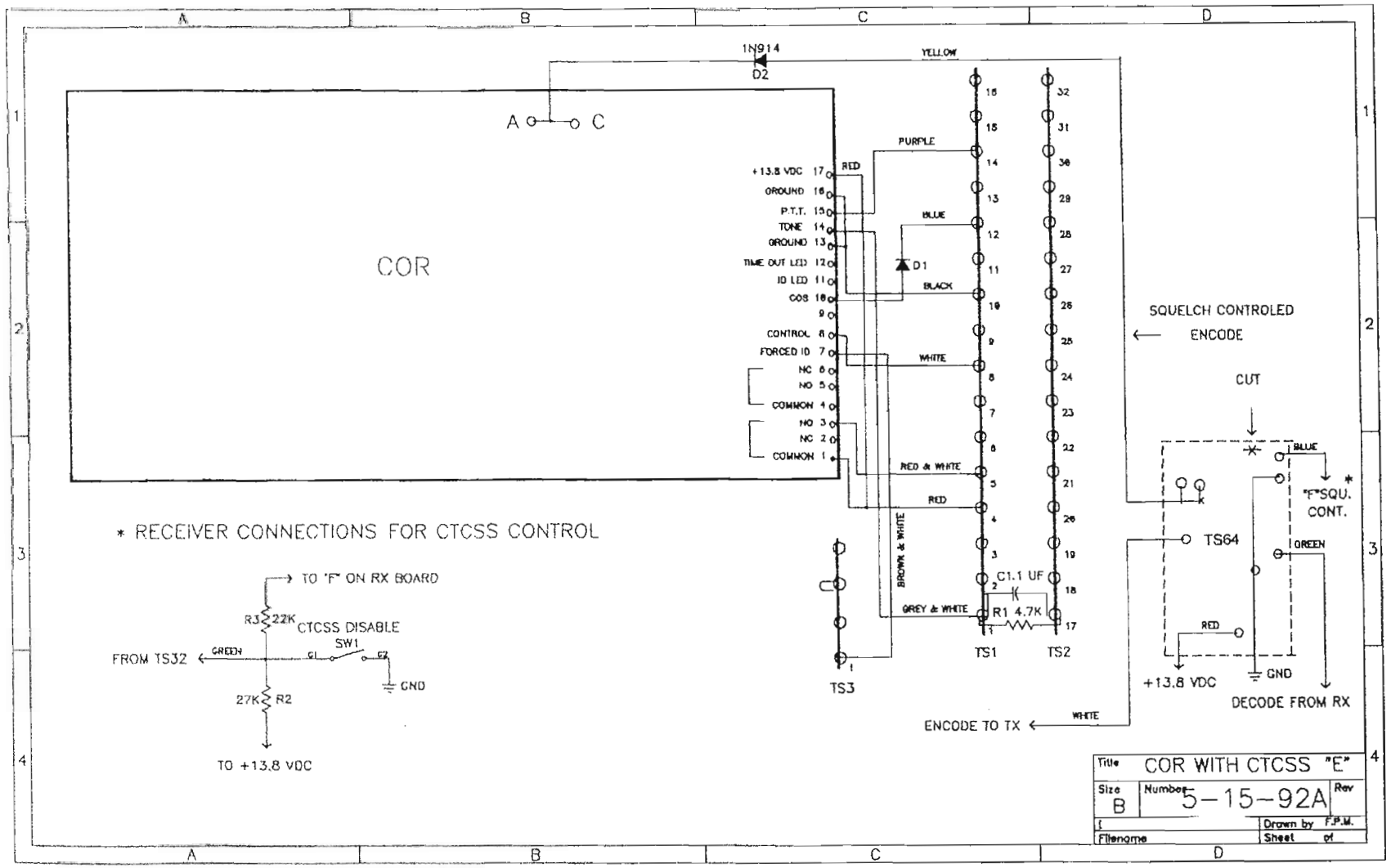


SIZE	
CODE IDENT NO.	Hi Pro E
DRAWING NO.	12A0390
SCALE	V4903
SHEET	



CIRCUIT DRAWING FOR CTCSS ENCODE / DECODE IN THE HI PRO E


1N914
D2
YELLOW
A
C
COR
+13.8 VDC 17
GROUND 16
P.T.T. 15
TONE 14
GROUND 13
TIME OUT LED 12
ID LED 11
COS 10
9
CONTROL 8
FORCED ID 7
NC 6
NO 5
COMMON 4
NO 3
NC 2
COMMON 1
RED
PURPLE
BLUE
D1
BLACK
WHITE
RED & WHITE
RED
BROWN & WHITE
GREY & WHITE
C1.1 UF
R1 4.7K
TS1
TS2
TS3
SQUELCH CONTROLED
ENCODE
CUT
BLUE
*F*SQU. CONT.
TS64
GREEN
RED
+13.8 VDC
GND
DECODE FROM RX
WHITE
ENCODE TO TX
* RECEIVER CONNECTIONS FOR CTCSS CONTROL
TO 'F' ON RX BOARD
R3 22K
CTCSS DISABLE
SW1
FROM TS32
GREEN
G1
G2
GND
27K R2
TO +13.8 VDC
Title COR WITH CTCSS "E"
Size B
Number 5-15-92A
Rev
Drawn by F.P.M.
Filename
Sheet of