

TABLE A
(CONTINUATION)

SHEET INDEX

SD DWG & T DWG SHEET ISSUES ARE IN AGREEMENT AS FOLLOWS

SCHEMATIC		ISSUE																					
SD-3C104-01		-	-	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
WIRING DIAGRAM		ISSUE																					
AUTO CHG	SH NO.																						
Z1	AA2	A1	1	2	3	4	5	6	7	8	9	10	11	12	13								
Z1	AA2	B1	1	2	2	4	5	6	7	7	7	7	11	11	11								
		B2	1	2	2	4	5	6	7	7	7	7	11	12	12								
		B3	1	2	2	4	4	6	6	8	9	9	11	12	12								
		B4	1	2	2	4	4	4	7	8	8	8	8	12	12								
		B5	1	2	2	2	2	2	7	7	7	7	11	12	12								
		B6	1	2	3	3	3	3	3	3	3	3	3	11	12	12							
		B7	1	2	3	3	3	3	7	7	7	7	11	12	12								
		B8	1	2	3	3	3	3	3	3	3	3	11	12	12								
		B9	-	-	-	4	4	4	8	8	8	8	8	8	8								
		B10	-	-	-	-	-	-	-	-	-	-	-	12	12								

(CONTINUATION)

THRU OUT DWG FOR "26BY" WIRE LINED OUT "24BU" ADDED & ASSOC COLORS CHANGED TO AGREE.

1-17-73 CLASS "B"

IN NOTE 7 REF TO "LCED-3C364-30A, -30B, -30C, -30D, -30E, -30F, -30G, -30H, -30J, & -30P" ADDED. IN NOTE 53 REF TO "ED-3C364-30" ADDED. IN FIGS 5, 6, 7, 9, 10 & 11 REF TO SUBTITLES ADDED. FIG 12 ADDED.

1-17-73 CLASS "B"

NOTE 14 RMVD & READ, "S WRG IS NOT RECD WHEN THIS BK IS WIRED FOR UNUNITED BAY APPLICATION" REF TO NOTE 14 IN TABLES B & C RMVD

2-10-73 CLASS "A"

- ENGINEERING NOTES**
- SEE SHEET INDEX FOR DRAWING FROM WHICH THIS DRAWING IS MADE.
 - CONNECTING DRAWING-NONE
 - EQUIPMENT ARRANGEMENT-ED-3C351-30 ED-3C364-30

- MANUFACTURING NOTES**
CONVENTIONS
- SCREW CONNECTION
 - CONNECTION FURNISHED AS PART OF COMPONENT
 - SPLICE
- WIRE NOT OTHERWISE SPECIFIED TO BE 26BW.
 - D2 WIRING TO BE 24BW COLORED GREEN UNLESS OTHERWISE SPECIFIED RUN AND DRESSED IN PATHS AND LOCATIONS AS SHOWN IN SKETCH A.
 - D3 - WIRING TO BE 24BW COLORED BLACK UNLESS OTHERWISE SPECIFIED.
 - P - PAIR
 - T - TRIPLE
 - F - SEPARATE STITCH FROM CABLE FORM.
 - LEADS DESIGNATED CA A ARE TO BE RUN IN LCED-3C351-30A OR LCED-3C364-30A, LEADS DESIGNATED CA B TO BE RUN IN LCED-3C351-30B OR LCED-3C364-30B, LEADS DESIGNATED CA C ARE TO BE RUN IN LCED-3C351-30C OR LCED-3C364-30C, LEADS DESIGNATED CA D ARE TO BE RUN IN LCED-3C351-30D OR LCED-3C364-30D, LEADS DESIGNATED CA E ARE TO BE RUN IN LCED-3C351-30E OR LCED-3C364-30E, LEADS DESIGNATED CA F ARE TO BE RUN IN LCED-3C351-30F OR LCED-3C364-30F, LEADS DESIGNATED CA G ARE TO BE RUN IN LCED-3C351-30G OR LCED-3C364-30G, LEADS DESIGNATED CA H ARE TO BE RUN IN LCED-3C351-30H OR LCED-3C364-30H, LEADS DESIGNATED CA J ARE TO BE RUN IN LCED-3C351-30J OR LCED-3C364-30J, LEADS DESIGNATED CA P ARE TO BE RUN IN LCED-3C364-30P.
 - NO WIRES ON THIS DRAWING ARE TO BE RUN BY THE INSTALLER.
 - PT- LEADS FURNISHED WITH COMPONENT.
 - LEADS SHOWN TERMINATED IN COMPONENTS WITHOUT TERMINALS ARE FURNISHED WITH COMPONENTS.
 - THESE PAIRS MUST HAVE A MINIMUM OF TWO TWIST PER INCH.
 - INFORMATION IN BRACKETS [] IS FOR RECORD ONLY.
 - P1-PAIR MADE BY TWISTING 2 SINGLE WIRES RESPECTIVELY TOGETHER WITH 3 TWISTS PER INCH.

12-4-71	
CHGS MADE PRIOR TO INITIAL PROD.	CLASS "A"
1-24-72	CLASS "A"
CHGS MADE PRIOR TO INITIAL PROD.	CLASS "A"
2-18-72	CLASS "A"
CHANGES MADE PRIOR TO INITIAL PRODUCTION.	CLASS "A"
4-9-72	CLASS "A"
IN FIG 1, AT (J104) CONN INFO ON LEADS FROM TERMS 6 & 33 AND 8 & 35 INTERCHGD. AT (J102) CONN INFO ON LEADS FROM TERMS 28 & 29 INTERCHGD.	CLASS "A"
5-10-72	CLASS "A"
IN TABLE C REF TO "Z" OPT ADDED. IN FIG 1 AT (J104) CONN AT TERM 17 REF TO "26 GAUGE STRAP" REMOVED & AT (J107) CONN AT TERM 1 LEAD ADDED. IN FIG 2 AT (J1) TO (J24) CONN AT TERMS 1 & 2 LEADS DESIG "HZA" & "RGA" ADDED.	CLASS "A"
6-19-72	CLASS "A"
IN FIG 1 AT (J106) CONN ON LEADS FROM TERMS 26 & 37 REF TO "[O-BK]" & "[O1]" ADDED RESP. IN FIG 3 AT (J109) CONN ON LEADS FROM TERMS 8 & 33 REF TO "[O]" & "[O-BK]" ADDED RESP AND SHOWN AS "24 GAUGE STRANDED KS-19194, L1". IN FIG 4 AT (J110) & (J111) CONNS REF TO COLORS BRKTD & NEW COLORS ADDED. IN FIG 7 AT (P32) & (P33) PLUGS REF TO COLORS BRKTD & NEW COLORS ADDED.	CLASS "BD"
7-16-72	CLASS "A"
IN FIG 2 AT (J1) TO (J24) CONN ON "BR" & "BR-W" LEADS FROM TERMS 1 & 2 REF TO "P" & "D3" READ "P" AND "RUN BETWEEN (J12) & (J24) ONLY" READ "CA H & RUN BETWEEN (J1) & (J13) ONLY". IN FIG 3 AT (J109) CONN AT STRAP CONNECTING TERMS 27 THRU 38 REF TO "SOLID KS-19194, L1" WAS NOT SO DESIG. IN SK A CABLE CLAMPS REVISED TO AGREE WITH ED-3C351-30.	CLASS "A"
7-16-72	CLASS "A"
IN TABLE C REF TO T DWG FIG 2 READ FIG 2. IN FIG 2 AT (J1) TO (J24) CONN REF TO "P" & "D3" & "RUN BETWEEN (J12) & (J24) ONLY" ON LEADS FROM TERM 1 & 2 RMVD. AT TERM 1 "(BR)" "3420H7A" READ "BR" "2620H7A", TERM 2 "(BR-W)" "34 RGA" READ "BR-W" "26 RGA" AT BRKT TO OTHER FIG 2 "34" "20H7R" READ "11" "20H7A" "34" "20H7R" READ "11" "RGA" BRKT INFO "FROM FIG A" ADDED. FIG A ADDED.	CLASS "A"
10-4-72	CLASS "A"
IN TABLE B & C REF TO "S" OPT ADDED NOTE 14 ADDED.	CLASS "A"
CN-4505-MY	CLASS "A"
12-20-72	CLASS "A"

TABLE B

LINE	FIG	OPT	FIG WRG	AF P	REMARKS	
10	2	2	4			
	(CAD 31)		11			
	(CAD 3031)		10			
	(CAD 30)		9			
	(CAD 28)		8			
5	(CAD 1718)		7			
	(CAD 2, 5)		6			
	(CAD 1347)		5			
	4	S	4			
1	2	S	2			
COL	A	B	C	D	E	F
LINE	FIG	OPT	FIG WRG	AF P	REMARKS	
	SD-3C104-01		T-3C104-36			

TABLE C

SD- T DWG CROSS REFERENCE TABLE

TABLE D

SHEET LOCATION OF FIGURES & OPTIONS

FIG	OPT	SHEET
12		E10
A		B3
11		B8
10		B8
9		B8
8		B6
7		B7
6		B7
5		B6
4		B5
3		B4
2		B3
1		B1, B2

T-3C104-36

TABLE B

CHANGE ON ISSUE	SPECIFY IF OFFICE RECORDS	DO NOT SPECIFY	THIS OPTION WAS FURNISHED	SEE NOTE	STD	A	B	M	MD	RATING

RECORD OF FIGURES COMPONENTS AND WIRING CHANGE

4N22

COMMON SYSTEMS
24 CHANNEL PCM BANK
TYPE D3
BANK CIRCUIT

STANDARD

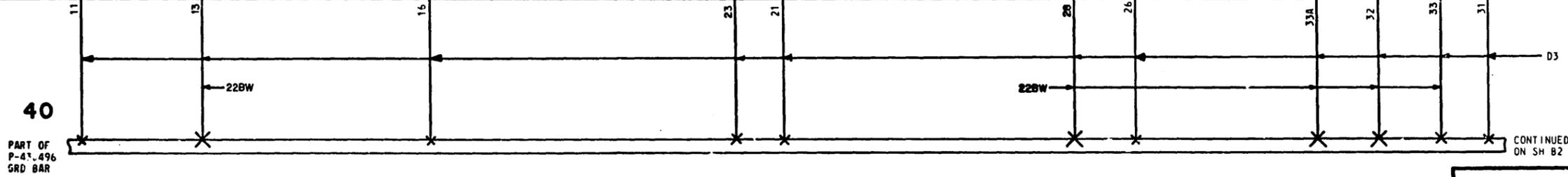
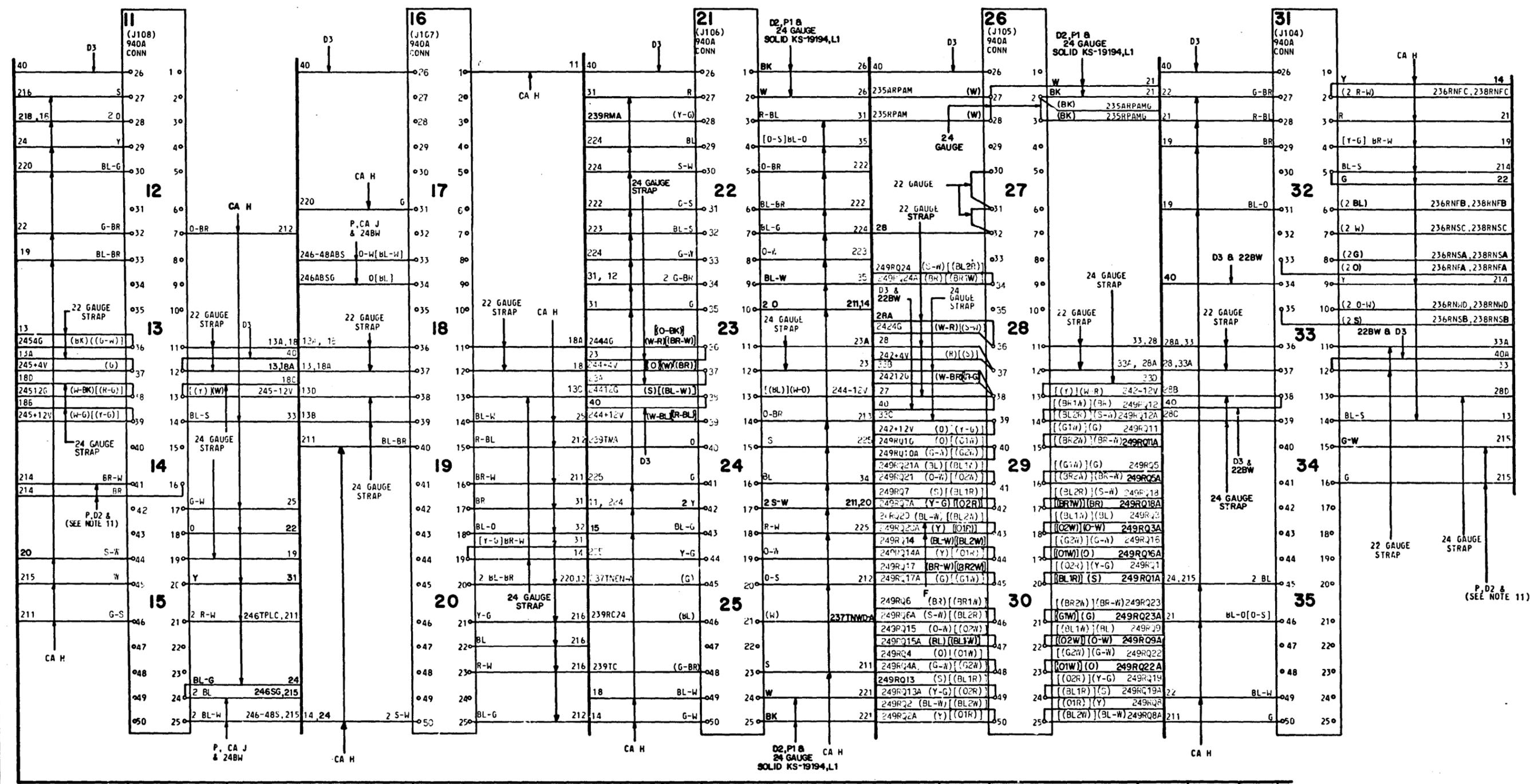
T-3C104-36

11 SHEETS

SHEET **A1**

WESTERN ELECTRIC COMPANY, INC.

FIG 1 CONTINUED
 D16000 CIRCUITS FOR COMMON EQUIPMENT



SHEET
 ISSUE
 1
 2

T-3C104-36
 SHEET
 B1

PART OF
 P-47,496
 GRD BAR

CONTINUED
 ON SH 82

24 CH PCM BK D3 BK CKT

T-3C104-36

WESTERN ELECTRIC COMPANY, INC.

ISSUE 11

SHEET B1

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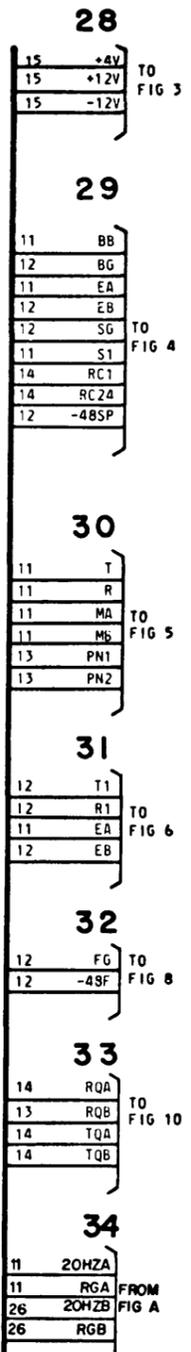
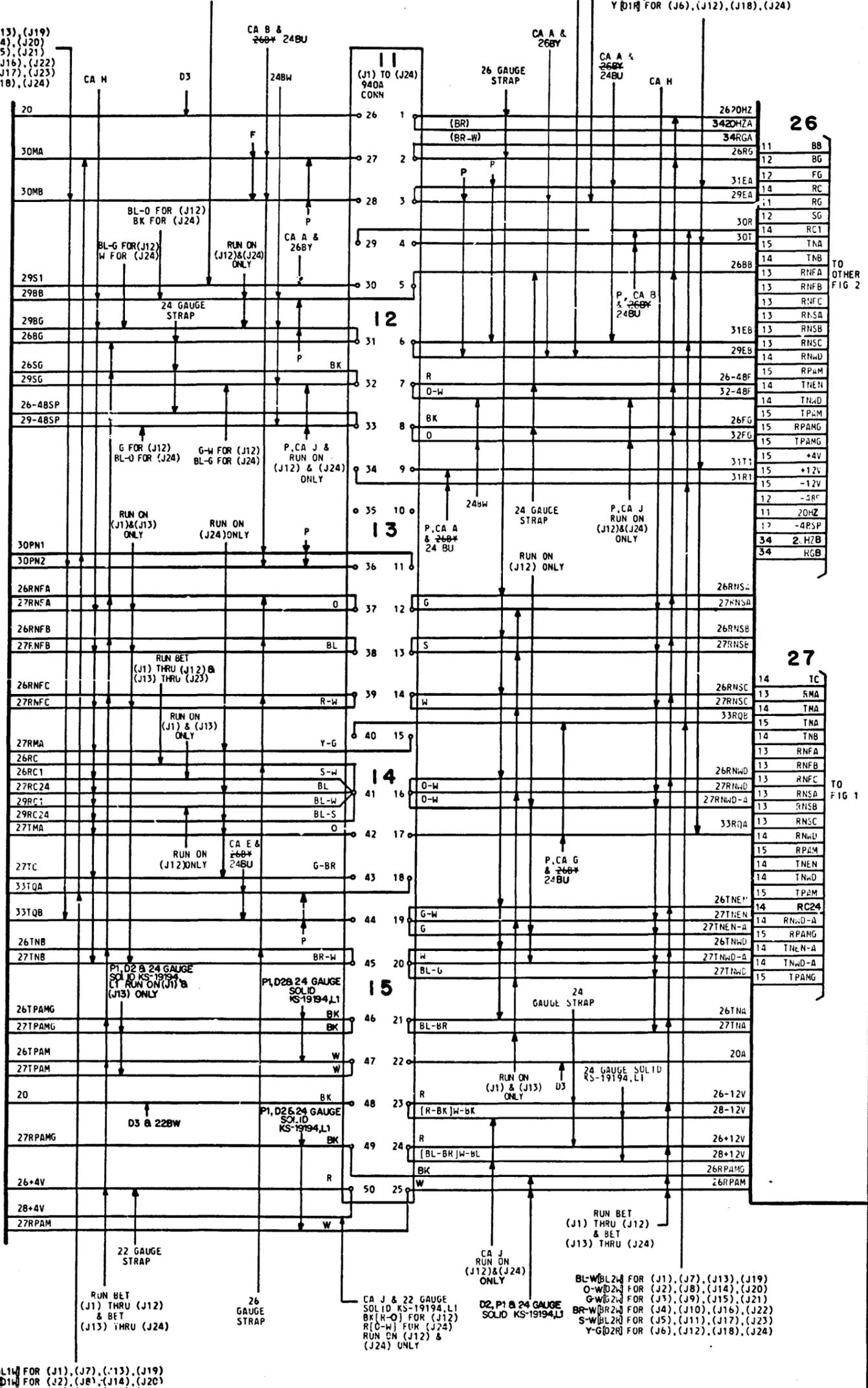
FIG 2 CHANNEL UNIT CKT

O3BK FOR (J1),(J6),(J11),(J16),(J20)
 BR3R FOR (J2),(J7),(J12),(J17),(J21)
 G3BK FOR (J3),(J8),(J13),(J18),(J22)
 BL3BK FOR (J4),(J9),(J14),(J23)
 S3R FOR (J5),(J10),(J15),(J19),(J24)

BL2W FOR (J1),(J7),(J13),(J19)
 O2W FOR (J2),(J8),(J14),(J20)
 G2W FOR (J3),(J9),(J15),(J21)
 BR2W FOR (J4),(J10),(J16),(J22)
 BL2R FOR (J5),(J11),(J17),(J23)
 O2R FOR (J6),(J12),(J18),(J24)

BL1W FOR (J1),(J7),(J13),(J19)
 O1W FOR (J2),(J8),(J14),(J20)
 G1W FOR (J3),(J9),(J15),(J21)
 BR1W FOR (J4),(J10),(J16),(J22)
 BL1R FOR (J5),(J11),(J17),(J23)
 O1R FOR (J6),(J12),(J18),(J24)

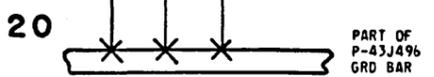
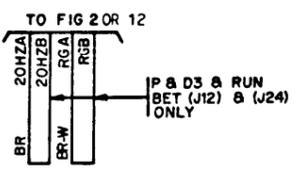
BL-W BL2W FOR (J1),(J7),(J13),(J19)
 O-W O2W FOR (J2),(J8),(J14),(J20)
 G-W G2W FOR (J3),(J9),(J15),(J21)
 BR-W BR2W FOR (J4),(J10),(J16),(J22)
 S-W BL2R FOR (J5),(J11),(J17),(J23)
 Y-G O2R FOR (J6),(J12),(J18),(J24)



BL BL1W FOR (J1),(J7),(J13),(J19)
 O O1W FOR (J2),(J8),(J14),(J20)
 G G1W FOR (J3),(J9),(J15),(J21)
 BR BR1W FOR (J4),(J10),(J16),(J22)
 S BL1R FOR (J5),(J11),(J17),(J23)
 Y O1R FOR (J6),(J12),(J18),(J24)

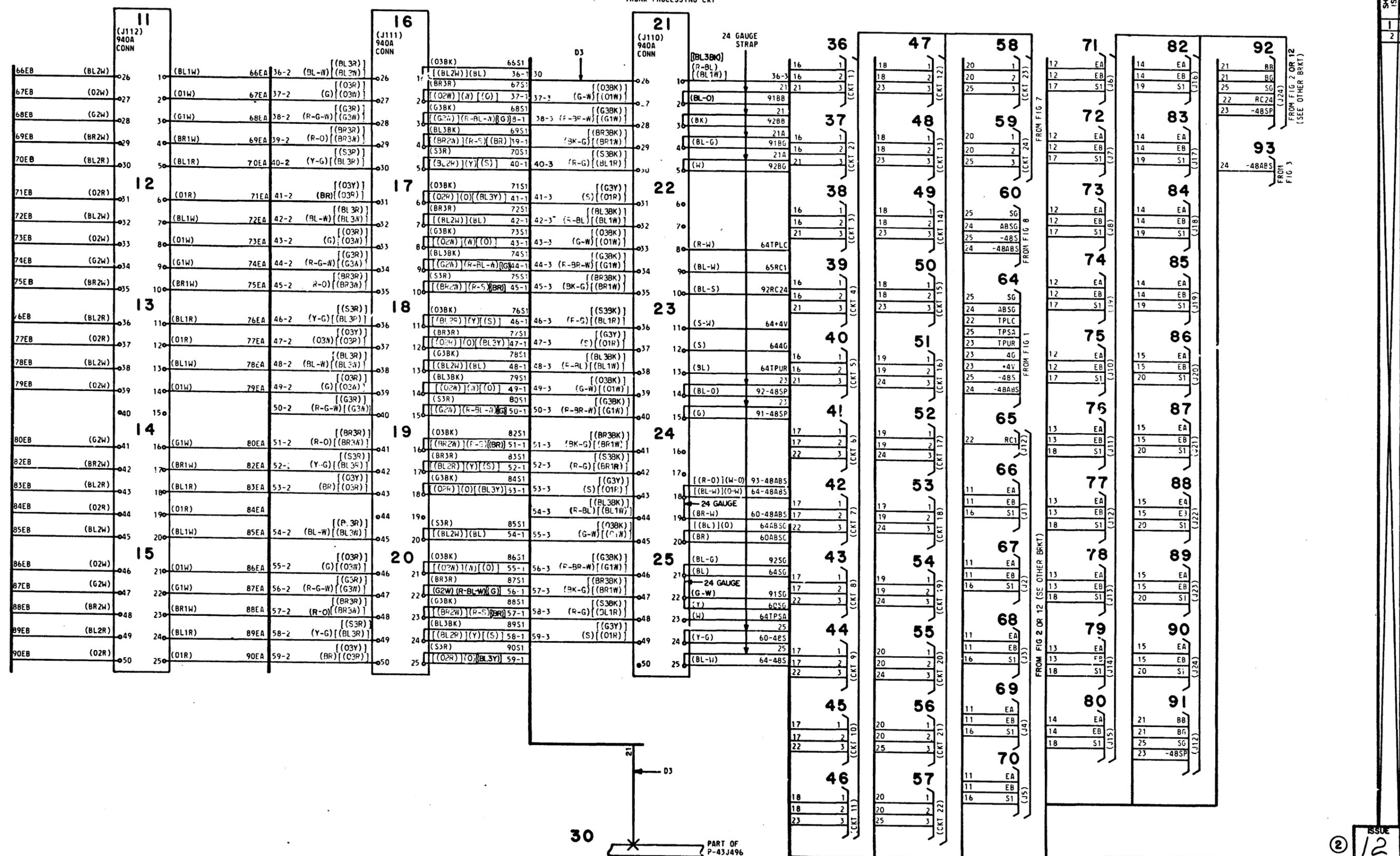
CA J & 22 GAUGE SOLID KS-19194, L1 BK(R-O) FOR (J12) R(G-W) FOR (J24) RUN ON (J12) & (J24) ONLY

FIG A



24CH PCM EK D3 BK CKT
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 T-3C104-36
 SHEET 83
 ISSUE 12

FIG 4
TRUNK PROCESSING CKT

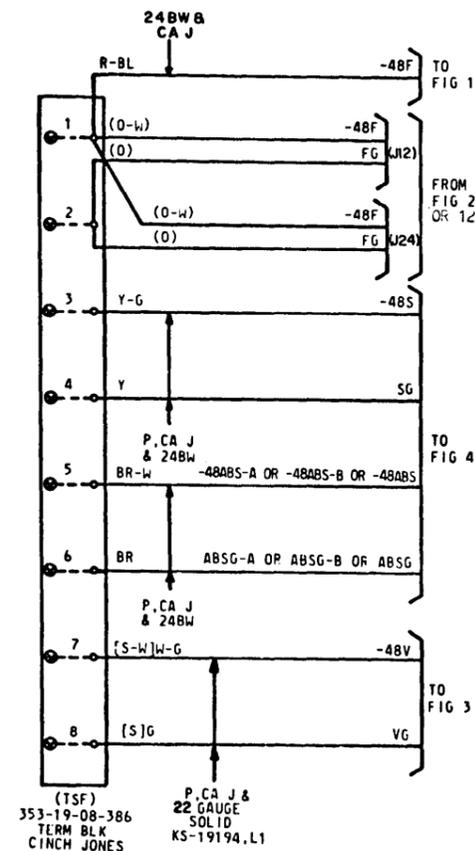
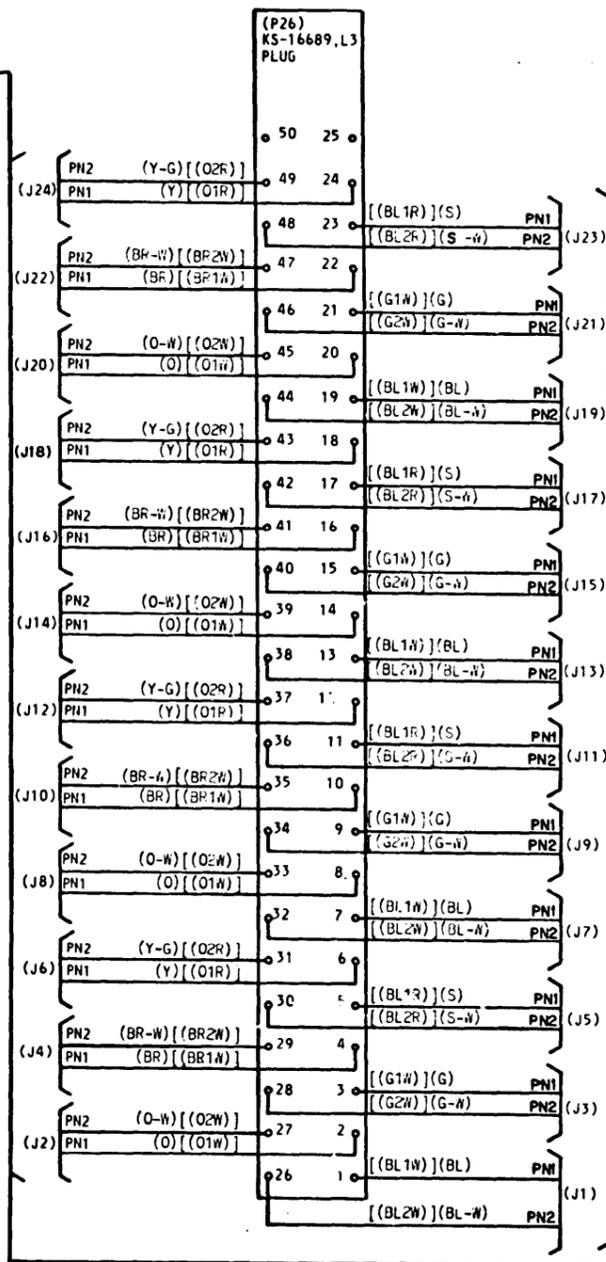
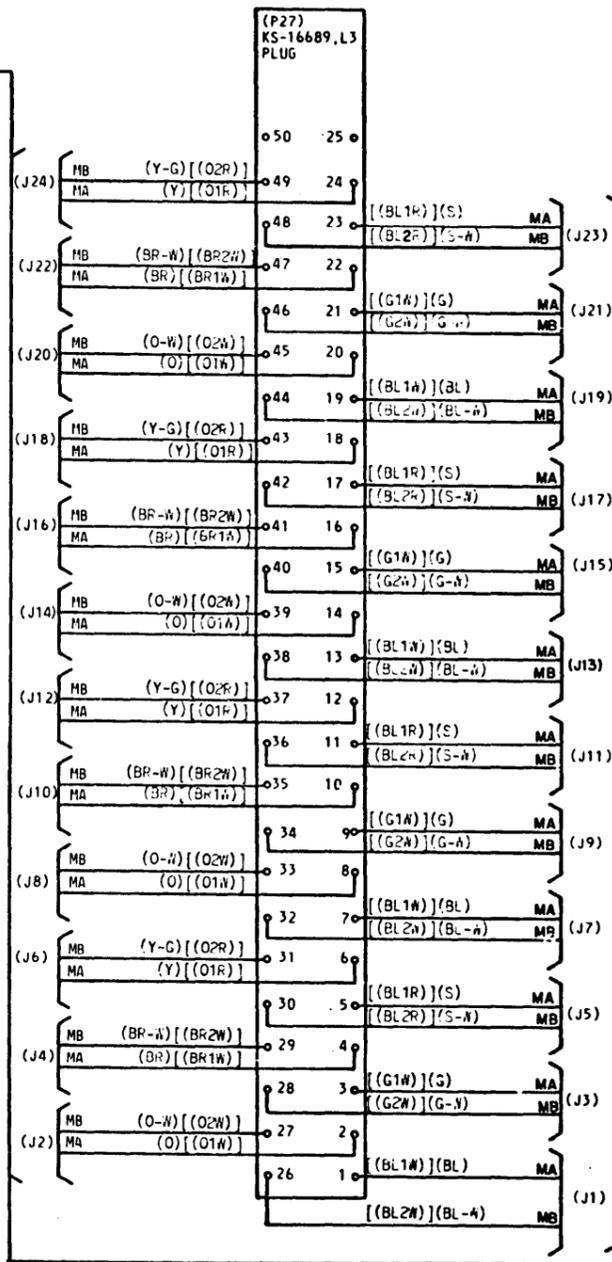
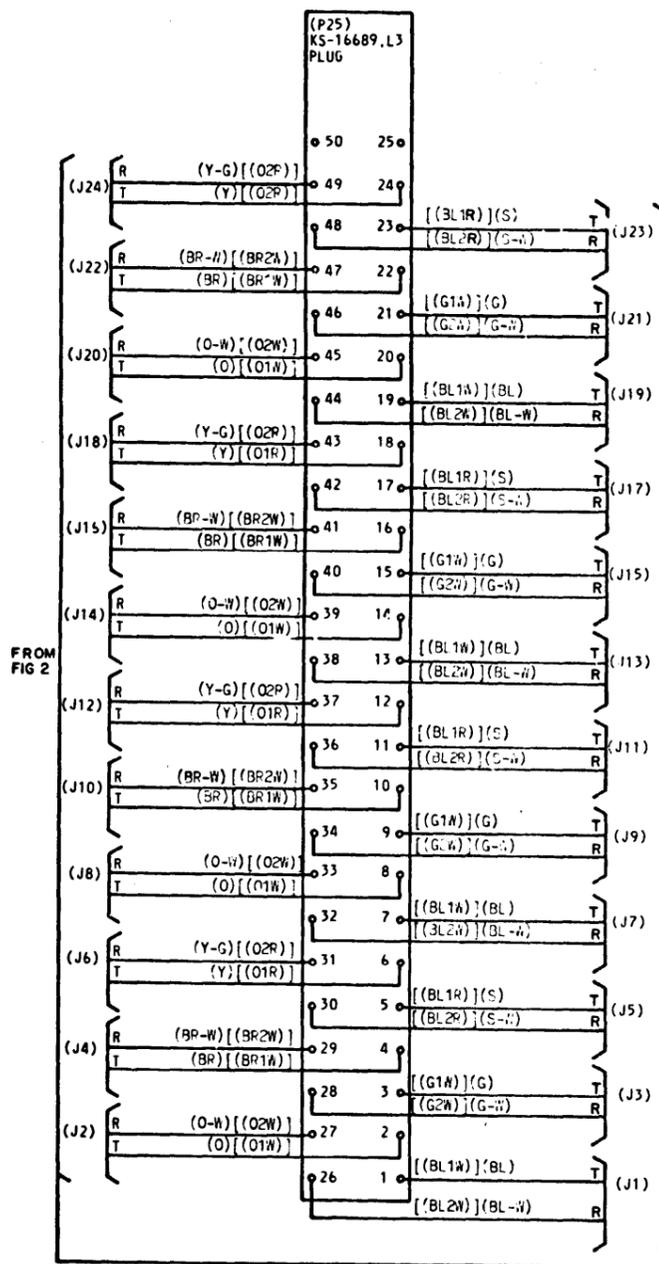


30 * PART OF P-43J496 GRD BAR

T-3C104-36
SHEET
B5

FIG 5
CONN FOR T, R, MA
MB, M, PN1 & PN2 LEADS

FIG 8



FROM FIG 2

FIG 6
CONN FOR
T1, R1, EA
& EB LEADS

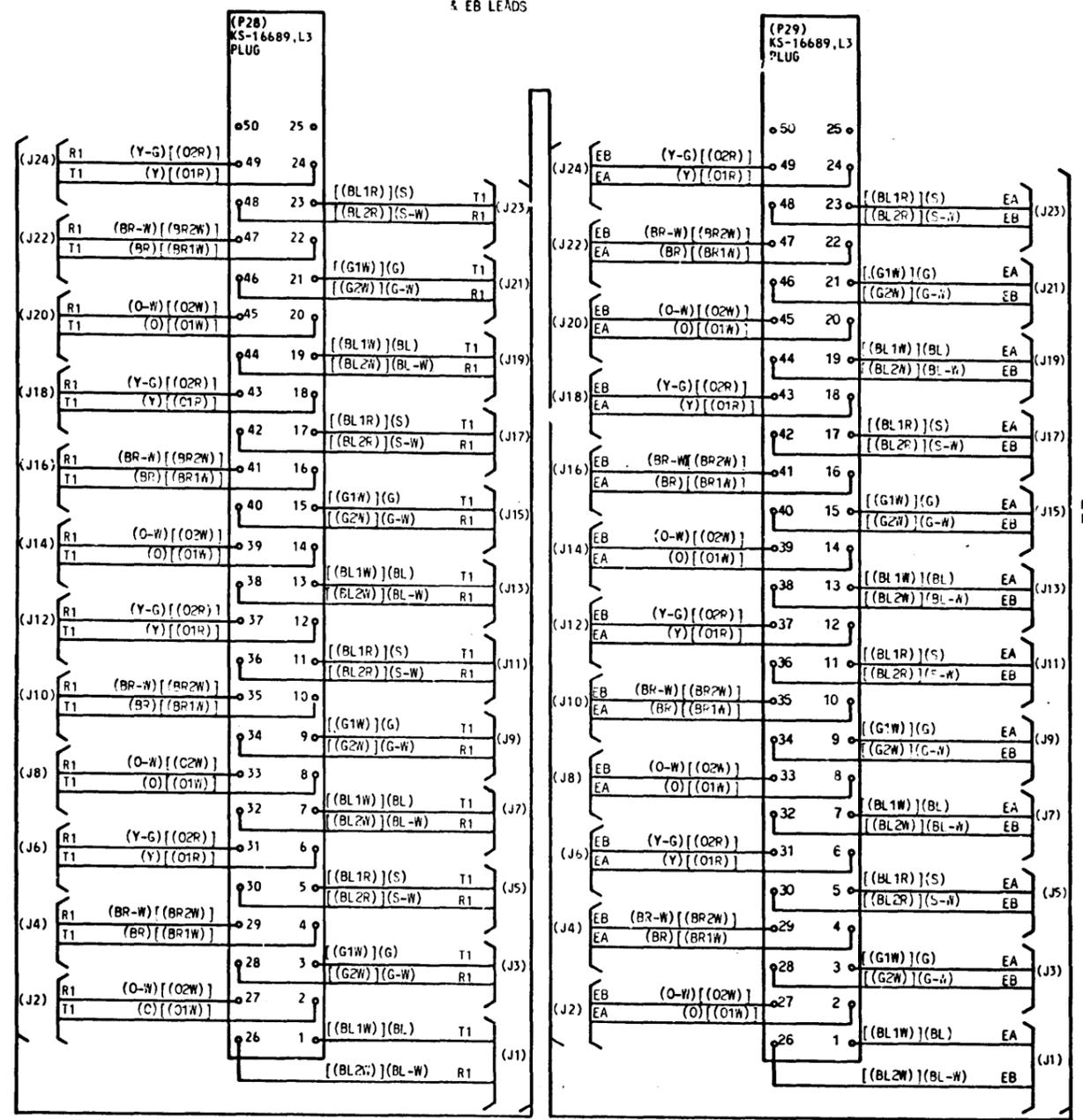
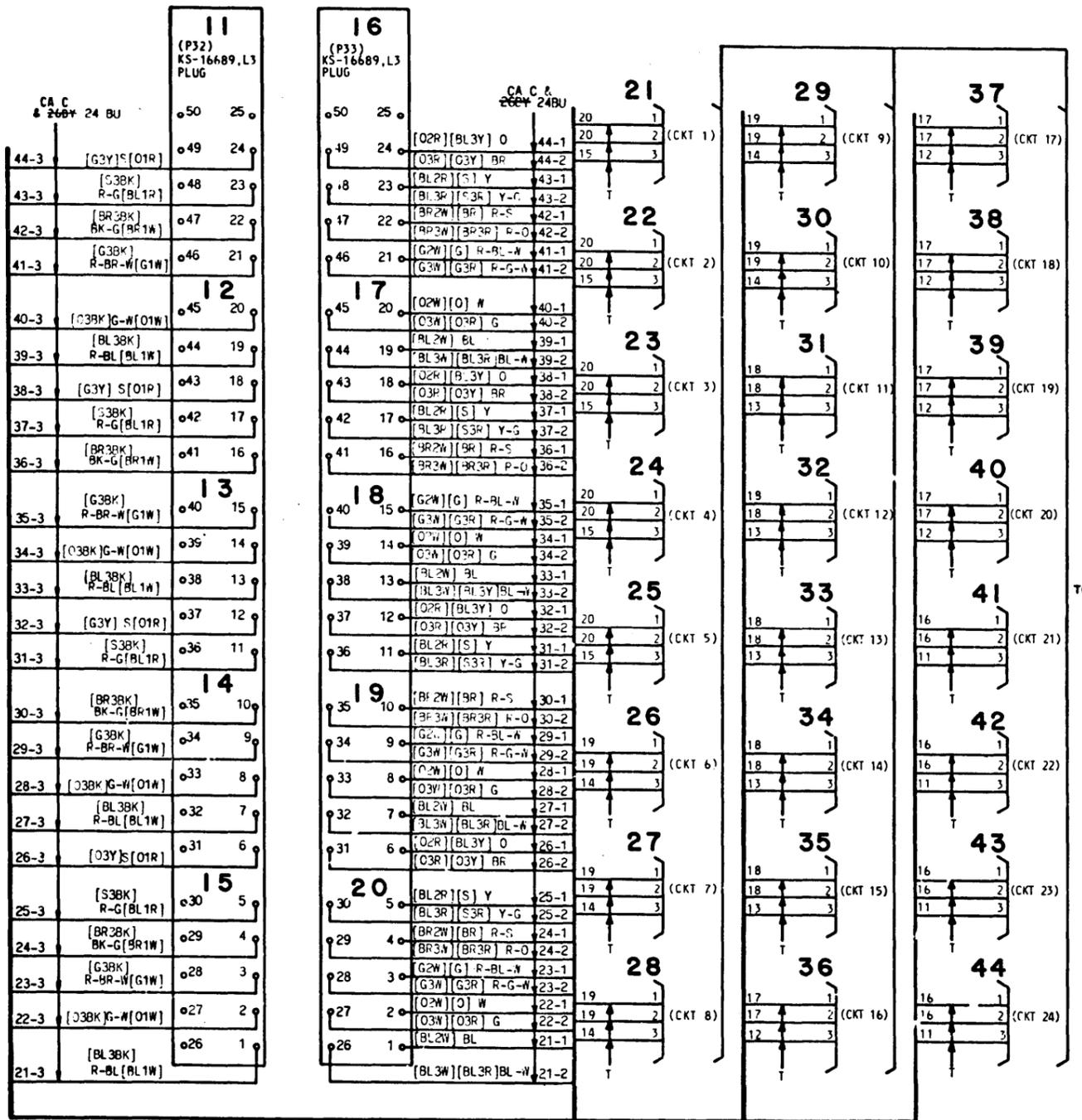


FIG 7
CONN FOR MISC LEADS



T-3C104-36

87

24CH PCM BK D3 BK CKT

T-3C104-36

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6S

ISSUE 12

SHEET 87

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SHEET ISSUE

F 18

FIG 9
CONN FOR SEQUENTIAL
CHAN NO. (TRMTG)

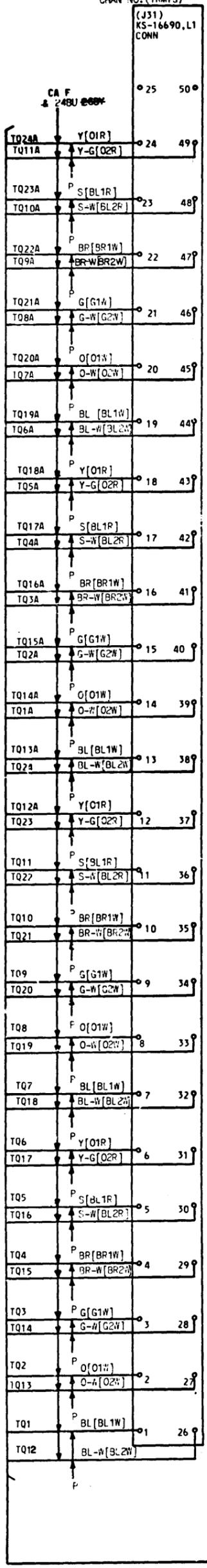


FIG 10
PLUG CONN FOR
SEQUENTIAL CHAN
NO. (TRMTG & RCVG)

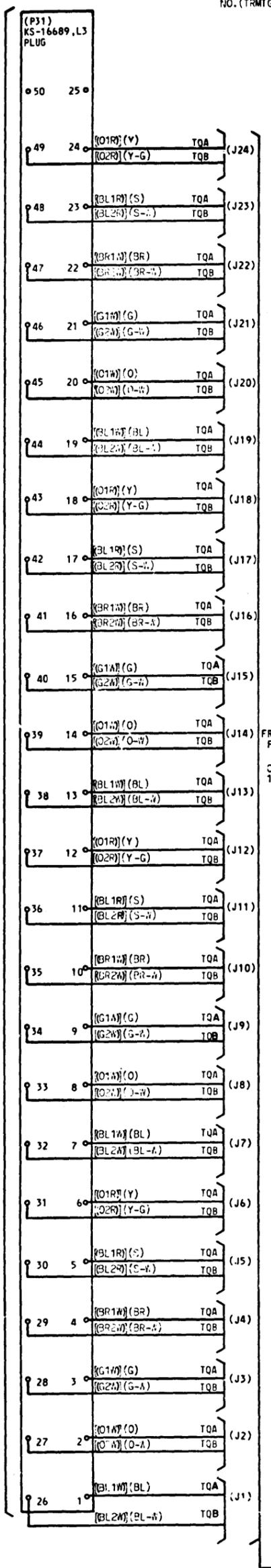


FIG 11
CONN FOR SEQUENTIAL
CHAN NO. (RCVG)

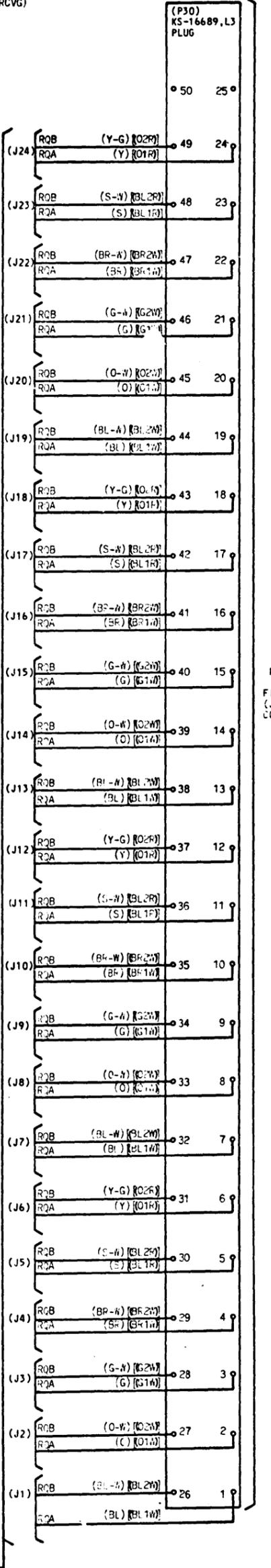
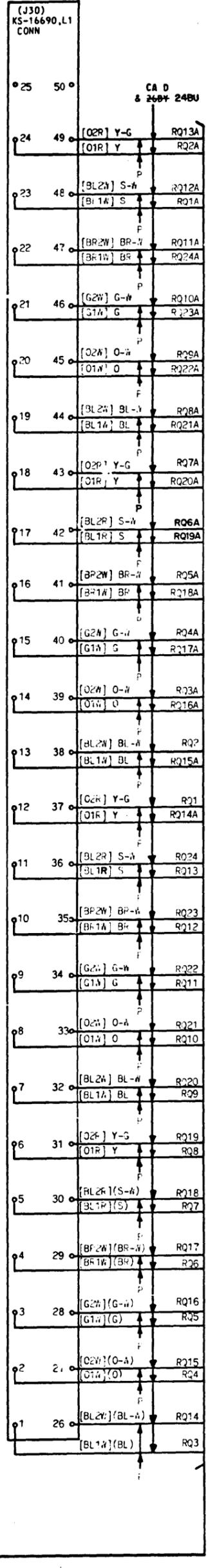


FIG 11
CONN FOR SEQUENTIAL
CHAN NO. (RCVG)



TO FIG 1

PATCH TO FIG 9 (J31) CONN

FROM FIG 2 OR 12

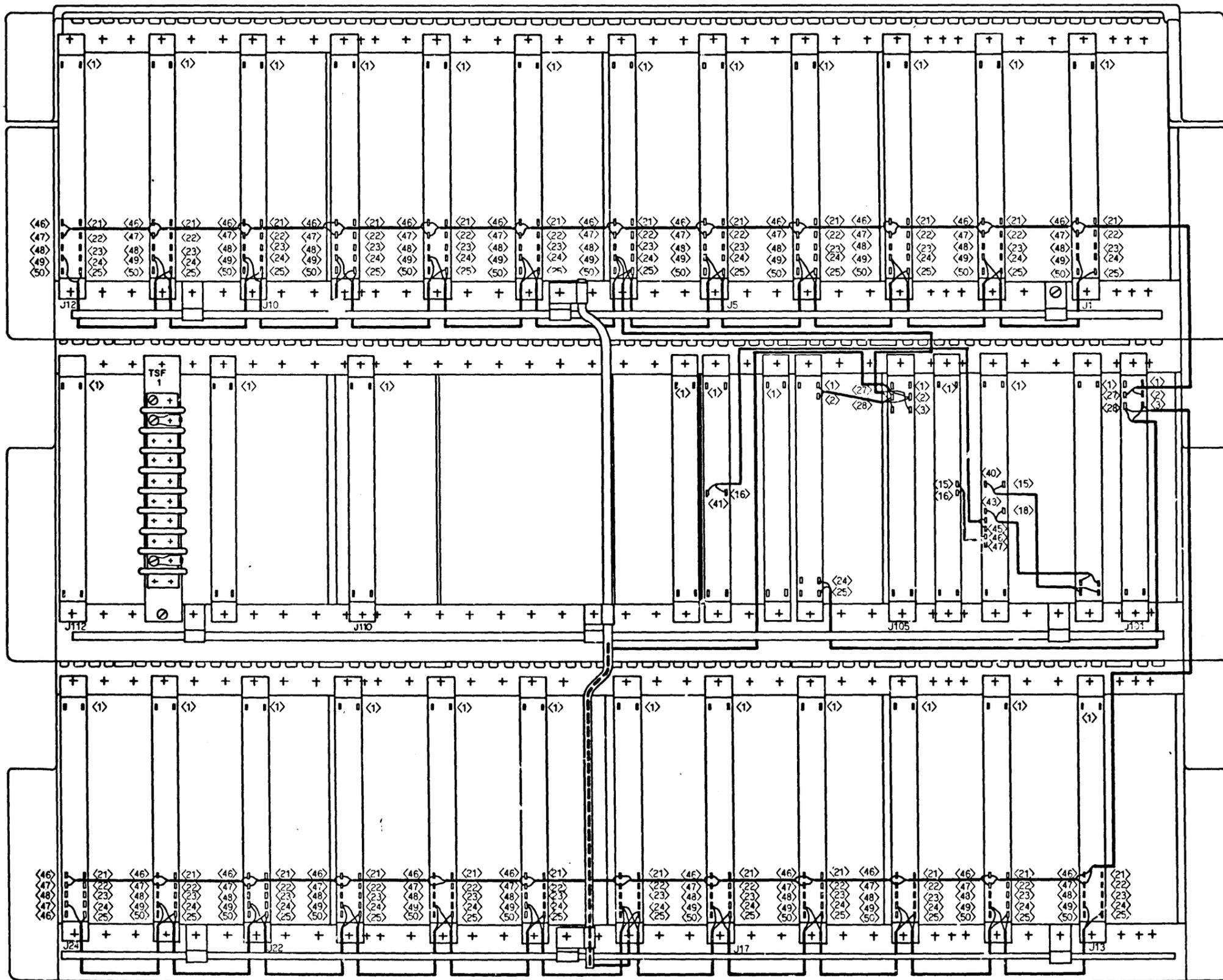
PATCH TO FIG 11 (J30) CONN

24CH PCM BK 01 BK CRT
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T-3C104-36
SHEET 88

12

SHEET ISSUE

SK A
D2 WIRING PATH



T-3C104-36
89 SHEET

24CH PCM BK D3 BK CKT
T-3C104-36
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SHEET 89
TF-204207 (10-71)

