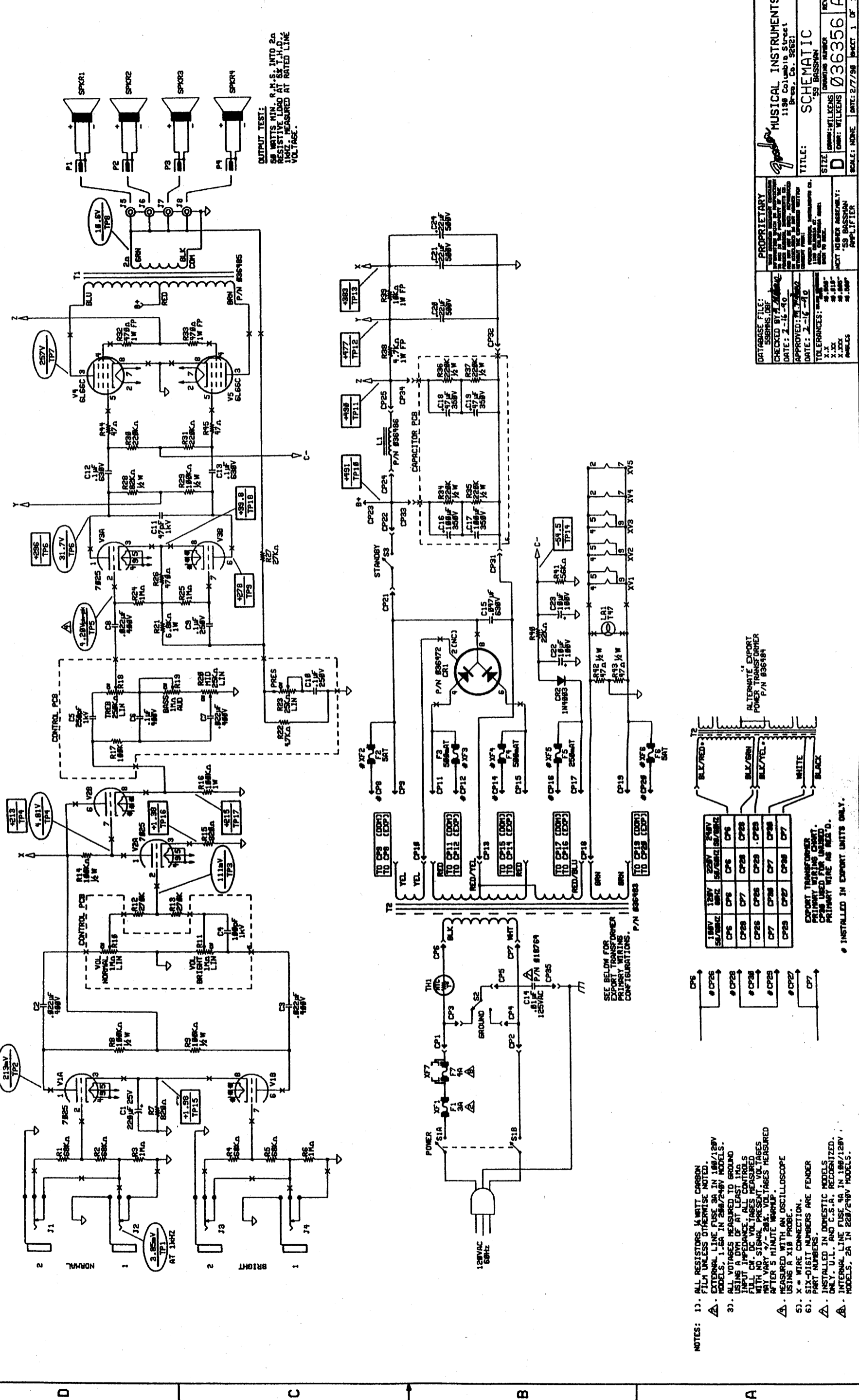


ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	RELEASED PR#143	2-14-90	MCA



OUTPUT TEST:
50 WATTS MIN. R.M.S. INTO 2Ω
RESISTIVE LOAD AT 5% T.H.D.
1KHZ MEASURED AT RATED LINE
VOLTAGE.

- NOTES:
- ALL RESISTORS 1/4 WATT CARBON FILM UNLESS OTHERWISE NOTED.
 - EXTERNAL LINE FUSE 3A IN 100/120V MODELS, 1.6A IN 200/240V MODELS. USING A DVA OF AT LEAST 110V INPUT IMPEDANCE. ALL CONTROLS FULL CW. DC VOLTAGES MEASURED WITH NO SIGNAL PRESENT. VOLTAGES MAY VARY 1/2-20%. VOLTAGES MEASURED AFTER 5 MINUTE WARMUP.
 - MEASURED WITH AN OSCILLOSCOPE USING A X10 PROBE.
 - X = WIRE CONNECTION.
 - SIX-DIGIT NUMBERS ARE FENDER PART NUMBERS.
 - INSTALLED IN DOMESTIC MODELS ONLY. U.L. AND C.S.A. RECOGNIZED.
 - INTERNAL LINE FUSE 4A IN 100/120V MODELS, 2A IN 200/240V MODELS.

EXPORT TRANSFORMER PRIMARY WIRING CHART. CP#M USED FOR UNLDED. PRIMARY WIRE AS RECD.	EXPORT TRANSFORMER PRIMARY WIRING CHART. CP#M USED FOR UNLDED. PRIMARY WIRE AS RECD.
120V 50/60HZ	250V 250V
CP6	CP6
CP7	CP6
CP8	CP28
CP26	CP28
CP7	CP29
CP28	CP7
CP27	CP28
CP7	CP7

ALTERNATE EXPORT POWER TRANSFORMER P/N 856484

* INSTALLED IN EXPORT UNITS ONLY.

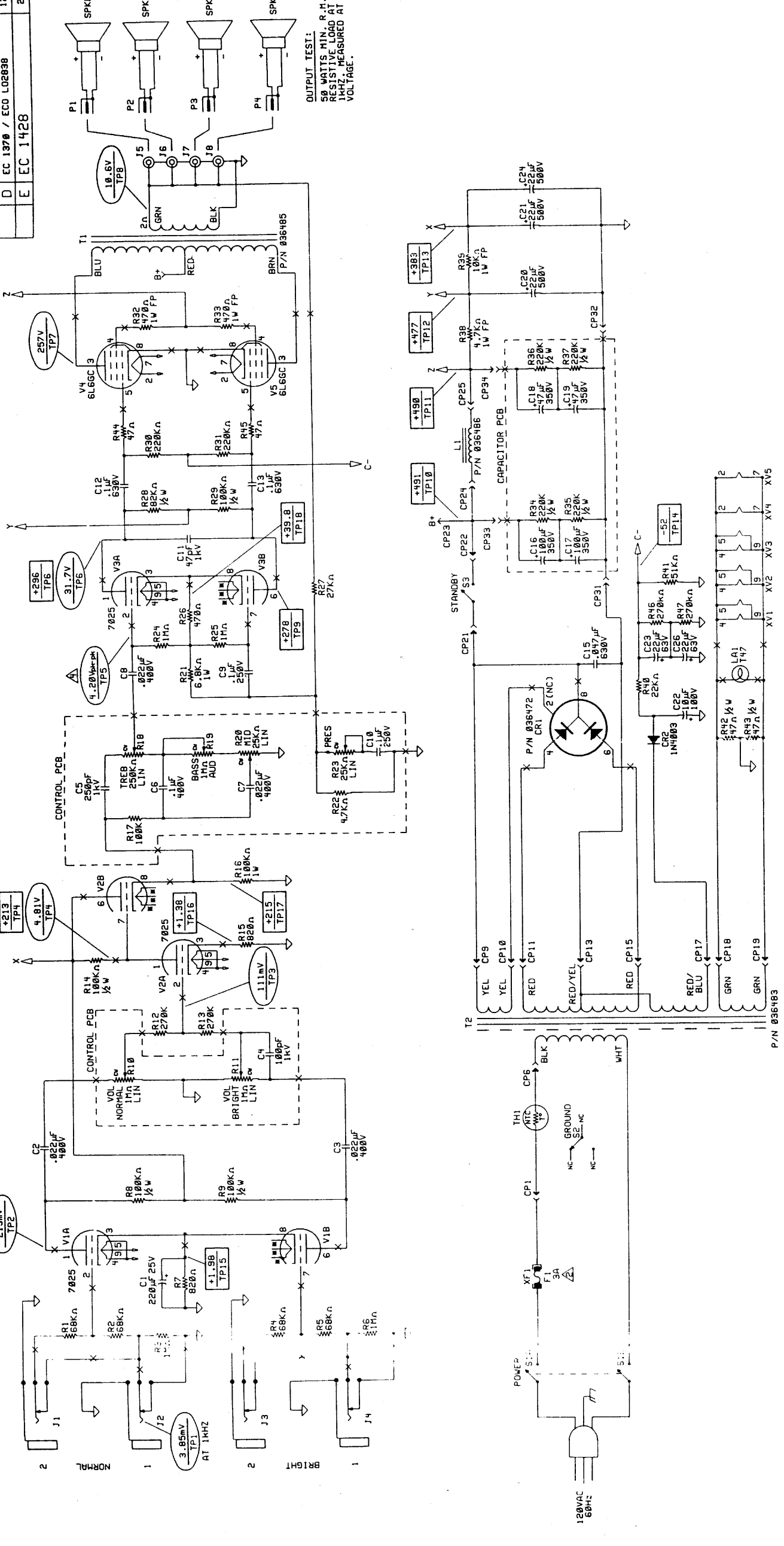
PROPRIETARY	DATE: 2-16-90	DATE: 2-16-90	TOLERANCES:
RESISTORS: ±1%	CAPACITORS: ±5%	VOLTAGES: ±1%	RESISTORS: ±1%
CAPACITORS: ±5%	VOLTAGES: ±1%	RESISTORS: ±1%	CAPACITORS: ±5%

DATEBASE FILE:	CHECKED BY:	APPROVED:	DATE:
588HNS.DBF	WILKENS	WILKENS	2-16-90
588HNS.DBF	WILKENS	WILKENS	2-16-90

SIZE	REV.	TITLE
D	A	SCHEMATIC
036356		

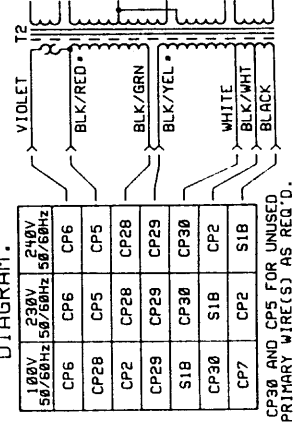
MUSICAL INSTRUMENTS
1198 Columbia Street
Boca Raton, FL 33433

REVISIONS			
ZONE	REV. DESCRIPTION	DATE	APPROVED
	A RELEASED PR #143	2/16/90	
	B ECO L02080	8/20/90	
	C EC 784	9/11/91	
	D EC 1370 / ECO L02898	12/27/94	
	E EC 1428	2/27/95	M/W



OUTPUT TEST:
 50 WATTS MIN. R.H.S. INTO 2Ω
 RESISTIVE LOAD AT 5% T.H.D.,
 1KHZ. MEASURED AT RATED LINE
 VOLTAGE.

EXPORT TRANSFORMER
 PRIMARY WIRING
 DIAGRAM.



- NOTES:
1. ALL RESISTORS 1/4 WATT CARBON FILM UNLESS OTHERWISE NOTED.
 2. LINE FUSE IS 3A IN 100V AND 120V MODELS F1, 6A IN 200V AND 240V MODELS.
 3. ALL VOLTAGES MEASURED TO GROUND USING A 100Ω OR 1MΩ LEADS. INPUT IMPEDANCE OF ALL VOLTAGES MEASURED WITH NO SIGNAL PRESENT. VOLTAGES MAY VARY +/- 20%. VOLTAGES MEASURED AFTER 5 MINUTE WARMUP.
 4. MEASURED WITH AN OSCILLOSCOPE USING A X10 PROBE.
 5. X - WIRE CONNECTION.
 6. SIX-DIGIT NUMBERS ARE FENDER PART NUMBERS.
 7. INSTANCES NOT USED: C14 CP3 CP4 CP8 CP12 CP14 CP16 CP20 CP26 CP27

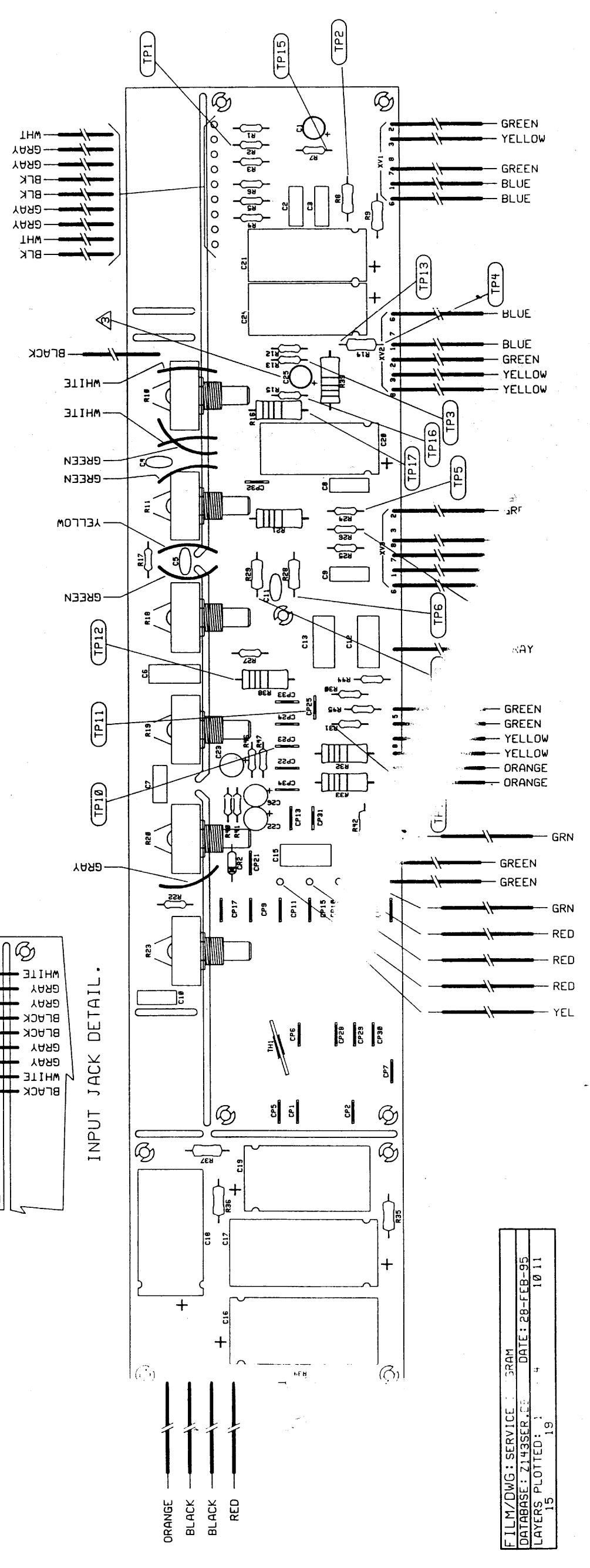
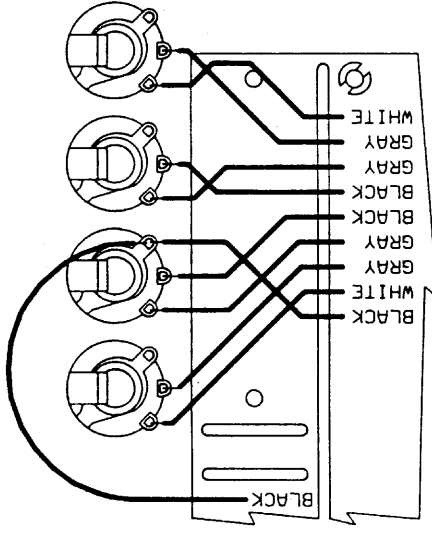
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 2621 Reserch Dr. Ivc
 Corona, CA 91728 USA

CHECKED BY: *[Signature]*
 DATE: 3/3/95
 APPROVED: *[Signature]*
 DATE: 3/3/95

TOLERANCES: ±0.1%
 ±0.5%
 ±1%
 ±2%
 ±5%
 ±10%
 ANGLES: 45°

MUSICAL INSTRUMENTS
 TITLE: SCHEMATIC
 SIZE DRAWN: WILKENS DRAWING NUMBER: 036356
 ENG: WILKENS
 '95 BASSMAN
 SCALE: NONE PLOTTED: 28-FEB-95 SHEET 1 OF 1

REVISIONS			
ZONE	REV. DESCRIPTION	DATE	APPROVED
	A RELEASED PR#143	2/16/90	
	B ECO LO 2080	8/20/90	
	C EC 784	9/11/91	
5	D EC 1370 / ECO L02838	12/27/94	
	E EC 1428	2/27/95	<i>MDW</i>



FILM/DWG: SERVICE: 3RAM
DATE: 28-FEB-95
LAYERS PLOTTED: 15

- NOTES:
- 1). TP7 IS ON V4, PIN 3.
 - 2). TP8 IS AT THE GREEN LEAD OF THE OUTPUT TRANSFORMER.
 - 3). OPTIONAL C25, 220µF 25V. PRESENT IN OLD MODEL 5F6, DELETED IN 5F6-A. CAPACITOR ADDS ABOUT 4 DB OF GAIN.
 - 4). PCB SHOWN IN ONE PIECE, AS FABRICATED. REV. D REFLECTS THE REMOVAL OF SECONDARY FUSES IN EXPORT UNITS THAT USE POWER TRANSFORMER P/N 049179, AND REMOVAL OF THE LINE BYPASS CAPACITOR IN DOMESTIC UNITS.

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FENDER MUSICAL INSTRUMENTS CO.
2621 Research Dr-1ve
Corona, CA 91720 USA
NEXT HIGHER ASSEMBLY:
59 BASSMAN
AMPLIFIER

MUSICAL INSTRUMENTS
2621 Research Dr-1ve
Corona, CA 91720 USA
TITLE: '59 BASSMAN
SERVICE DIAGRAM
SIZE: B
DRAWN: WILKENS
DRAWING NUMBER: 036360
ENGR: WILKENS
REV. E
SCALE: NONE
PLOTTED: 28-FEB-95
SHEET 1 OF 1