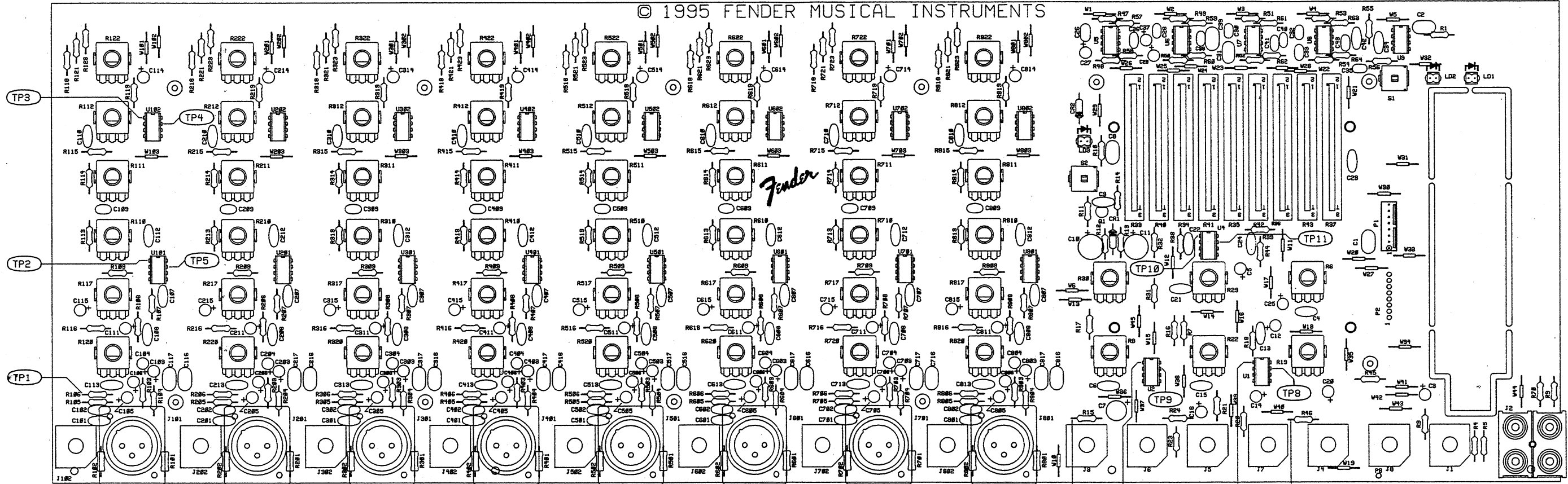




REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	RELEASED PR296	12-JAN-95	

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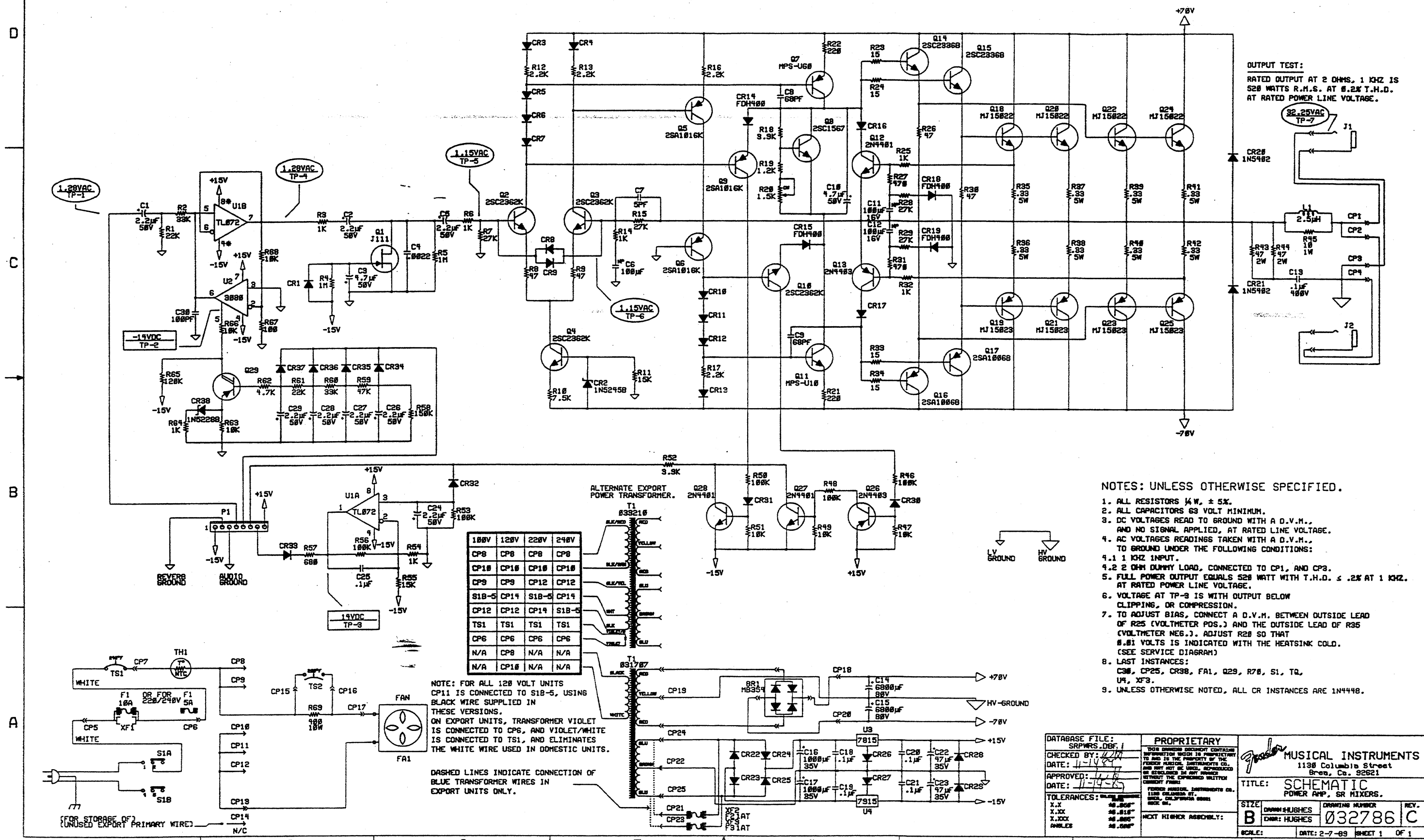
FILM/DWG:  
DATABASE: Z296P1.DBF DATE: 13-JAN-95  
LAYERS PLOTTED: 1 2 3 4 10  
18

DATABASE FILE:  
Z296P1.DBF  
CHECKED BY: MS  
DATE: 1-27-95  
APPROVED: MS  
DATE: 1-27-95  
TOLERANCES: UNLESS OTHERWISE NOTED  
X.X .050"  
X.XX .010"  
X.XXX .005"  
ANGLES .500"

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CORONA, CA 91720 USA  
NEXT HIGHER ASSEMBLY:

Fender MUSICAL INSTRUMENTS  
2621 Research Drive  
Corona, CA 91720 USA  
TITLE: SERVICE DIAGRAM  
SR6520PD, SR8520PD PREAMP  
SIZE: DRAWN: M.COZZA DRAWING NUMBER: REV.  
B ENGR: M.COZZA 049146 A  
SCALE: CREATED: PLOTTED: 13-JAN-95 SHEET 1 OF 1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
A	1	RELEASED PR#112	6-2-89	
B	1	EC#484	7-5-89	
C	1	EC#538	11-11-89	



**OUTPUT TEST:**  
 RATED OUTPUT AT 2 OHMS, 1 KHZ IS  
 520 WATTS R.M.S. AT 8.2% T.H.D.  
 AT RATED POWER LINE VOLTAGE.

- NOTES: UNLESS OTHERWISE SPECIFIED.**
- ALL RESISTORS  $\frac{1}{4}$ W.  $\pm 5\%$ .
  - ALL CAPACITORS 63 VOLT MINIMUM.
  - DC VOLTAGES READ TO GROUND WITH A D.V.M., AND NO SIGNAL APPLIED, AT RATED LINE VOLTAGE.
  - AC VOLTAGE READINGS TAKEN WITH A D.V.M., TO GROUND UNDER THE FOLLOWING CONDITIONS:  
 4.1 1 KHZ INPUT.  
 4.2 2 OHM DUMMY LOAD, CONNECTED TO CP1, AND CP3.
  - FULL POWER OUTPUT EQUALS 520 WATT WITH T.H.D.  $\leq .2\%$  AT 1 KHZ. AT RATED POWER LINE VOLTAGE.
  - VOLTAGE AT TP-3 IS WITH OUTPUT BELOW CLIPPING, OR COMPRESSION.
  - TO ADJUST BIAS, CONNECT A D.V.M. BETWEEN OUTSIDE LEAD OF R25 (VOLT METER POS.) AND THE OUTSIDE LEAD OF R35 (VOLT METER NEG.). ADJUST R28 SO THAT 8.81 VOLTS IS INDICATED WITH THE HEATSINK COLD. (SEE SERVICE DIAGRAM)
  - LAST INSTANCES:  
 C38, CP25, CR38, FA1, Q29, R78, S1, TQ, U4, XF3.
  - UNLESS OTHERWISE NOTED, ALL CR INSTANCES ARE 1N4448.

DATABASE FILE: SRPWS.DBF

CHECKED BY: *[Signature]*

DATE: 11-14-89

APPROVED: *[Signature]*

DATE: 11-14-89

TOLERANCES: .05% .1% .2% .5% 1% 2% 5% 10% 20% 50% 100%

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MUSICAL INSTRUMENTS  
 1138 Columbia Street  
 Brea, Ca. 92621

**TITLE: SCHEMATIC**  
 POWER AMP, SR MIXERS.

SIZE: B  
 DRAWN: HUGHES  
 ENGR: HUGHES

DRAWING NUMBER: 032786

SCALE: DATE: 2-7-89 SHEET 1 OF 1

