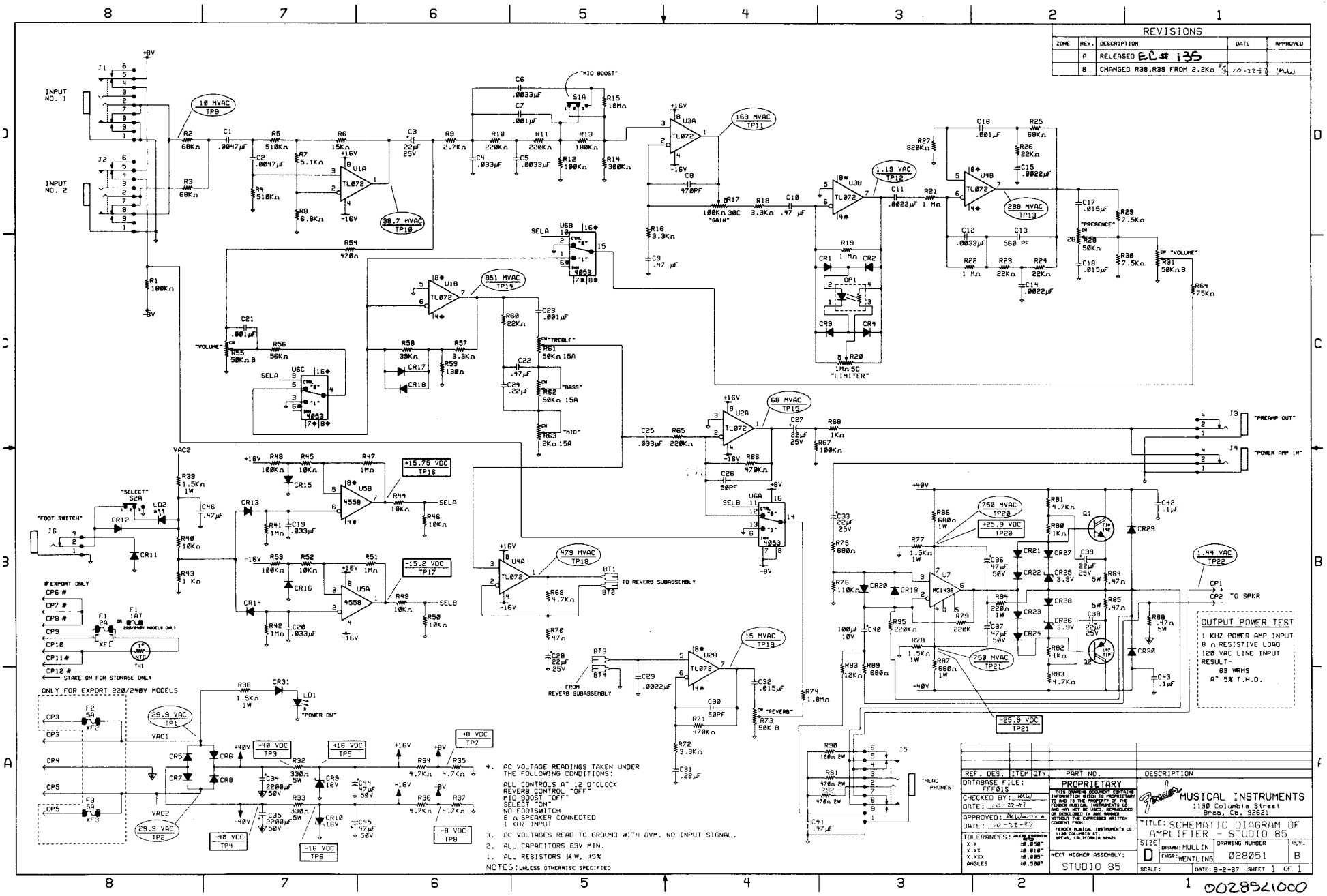
REVISIONS
ZONE | REV. | DESCRIPTION | DATE | APPROVED
A | RELEASED EC# 135
B | CHANGED R38,R39 FROM 2.2Kn
INPUT NO. 1
INPUT NO. 2
10 MVAC TP9
38.7 MVAC TP10
163 MVAC TP11
1.19 VAC TP12
288 MVAC TP13
851 MVAC TP14
68 MVAC TP15
+15.75 VDC TP16
-15.2 VDC TP17
479 MVAC TP18
15 MVAC TP19
750 MVAC TP20
+25.9 VDC TP20
750 MVAC TP21
-25.9 VDC TP21
1.44 VAC TP22
29.9 VAC TP1
29.9 VAC TP2
+40 VDC TP3
-40 VDC TP4
+16 VDC TP5
-16 VDC TP6
+8 VDC TP7
-8 VDC TP8
"MID BOOST"
"GAIN"
"PRESENCE"
"VOLUME"
"TREBLE"
"BASS"
"MID"
"REVERB"
"LIMITER"
"PREAMP OUT"
"POWER AMP IN"
"FOOT SWITCH"
"SELECT"
"POWER ON"
TO REVERB SUBASSEMBLY
FROM REVERB SUBASSEMBLY
TO SPKR
"HEAD PHONES"
#EXPORT ONLY
STAKE-ON FOR STORAGE ONLY
ONLY FOR EXPORT 220/240V MODELS
OUTPUT POWER TEST
1 KHZ POWER AMP INPUT
8 n RESISTIVE LOAD
120 VAC LINE INPUT
RESULT-
63 WRMS
AT 5% T.H.D.
4. AC VOLTAGE READINGS TAKEN UNDER THE FOLLOWING CONDITIONS:
ALL CONTROLS AT 12 O'CLOCK
REVERB CONTROL "OFF"
MID BOOST "OFF"
SELECT "ON"
NO FOOTSWITCH
8 n SPEAKER CONNECTED
1 KHZ INPUT
3. DC VOLTAGES READ TO GROUND WITH DVM. NO INPUT SIGNAL.
2. ALL CAPACITORS 63V MIN.
1. ALL RESISTORS ¼W, ±5%
NOTES: UNLESS OTHERWISE SPECIFIED
PROPRIETARY
MUSICAL INSTRUMENTS
1130 Columbia Street
Brea, Ca. 92621
TITLE: SCHEMATIC DIAGRAM OF AMPLIFIER - STUDIO 85
SIZE D
DRAWN: MULLIN
ENGR: WENTLING
DRAWING NUMBER 028051
REV. B
SCALE:
DATE: 9-2-87
SHEET 1 OF 1
NEXT HIGHER ASSEMBLY: STUDIO 85
0028521000