

CAUTION:

THIS SCHEMATIC IS PROVIDED FOR USE BY QUALIFIED PERSONNEL.
TO AVOID RISK OF ELECTRIC SHOCK, REFER SERVICING TO QUALIFIED
SERVICE PERSONNEL. DO NOT PERFORM ANY SERVICING BEYOND
THAT EXPLAINED IN THE OPERATING INSTRUCTIONS.

NOTES

- 1) CAUTION: SHOCK HAZARDII THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND DE SURE POWER SUPPLY IS DISCHARGED DEFORE TOUCHING INTERNAL PARTS.
- 2) UNLESS NOTED, RESISTOR VALUES IN DHMS, 1/4V-5% TOL.
 CAPACITOR VALUES IN MICROFARADS, 50V-10% TOL.
- 3) VOLTAGES ARE MEASURED WITH 1 MEGCHM DSCILLDSCOPE AND 10 MEGCHM DIGITAL VOLTMETER.
- 4) VOLTAGES IN RECTANGLES ARE RMS SIGNAL VOLTAGES WITH 0.4v IN. OTHER VOLTAGES ARE D.C. IN CONDITIONS STATED.
- 5) CIRCUIT GROUND # DIRTY GROUND \$\frac{1}{2}\$ CHASSIS GROUND \$\frac{1}{2}\$

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2	05/16/94	LWA		REV CHG TO REFLECT JUMPER CHG PER E150		
1	05/05/94	REM		CHANGED VALUES OF R24, R25, R32, R33 PER E0190.		
REV	DATE	BY	CHK.D	DESCRIPTION		
SIGNATURES: DRAWN: REM		DAT 11/15	THE PROPERTY OF LOUIS ASSESSMENT			
CHK'D: GM		11/15	93 PROJECT NAME:			
ORIGINAL ISSUED: PLOT DATE:		05/18	DWD AUD COURTER			
PLOT TIME:			11:30	NO. 073419411 Z		

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TO PREAMP BD. TO FILAMENT TRANSFORMER TO SPEAKER DUT BOARD TO TUBE BOARD TO PREAMP BD. BALANCED DUT SLAVE DUT PREAMP DUT PWRAMP IN ARTWORK REV. 1 BIAS CONTROLS 5 2 2 TO ADJUST BIAS:

ALLOW UNIT TO WARM UP FOR 20 MINUTES.

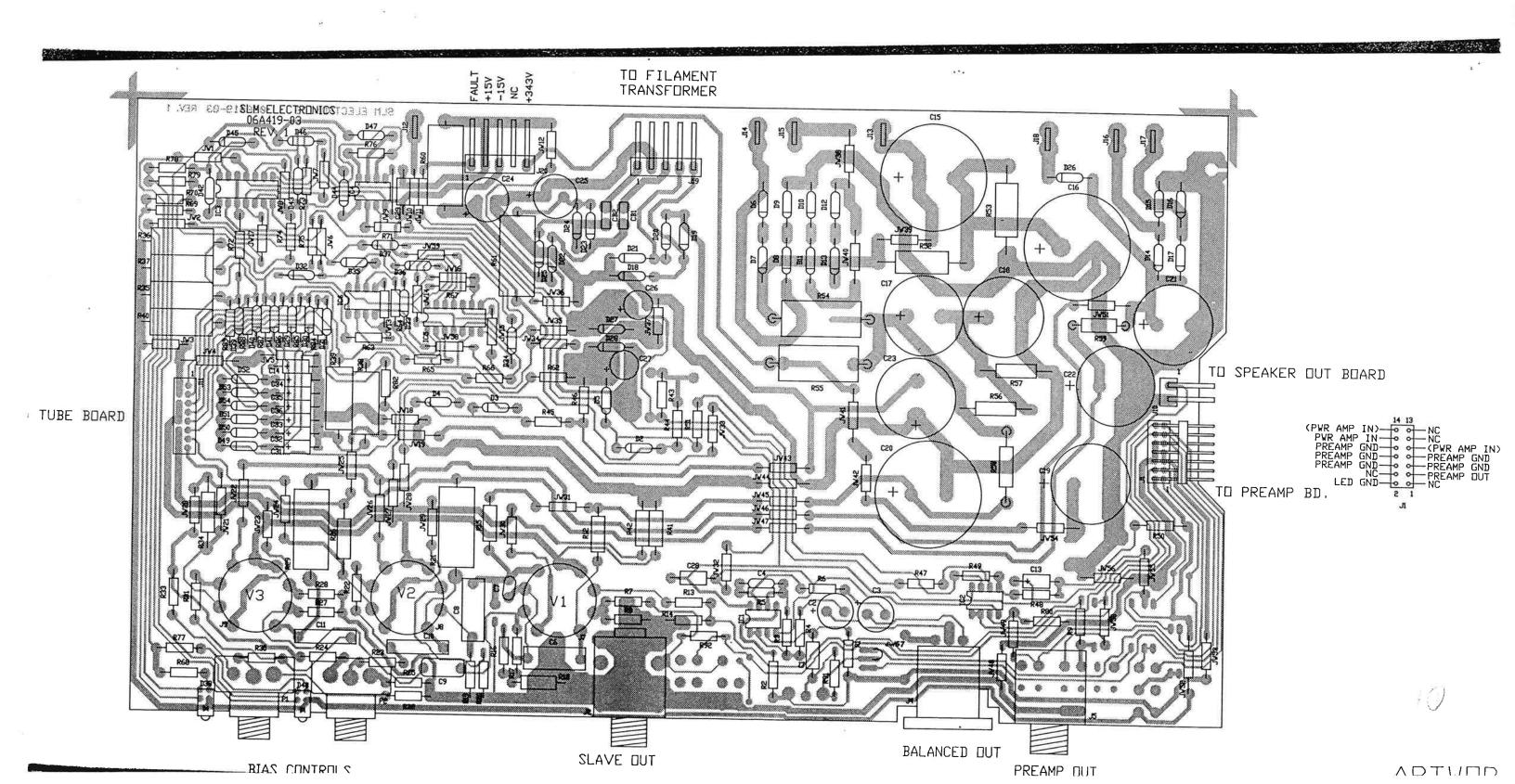
ADJUST BIAS CONTROLS SO THAT ONLY THE GREEN LEDS 76-000-01 TO -05 PER E150 2 05/16/94 LMA CHANGED VALUES OF R24, R25, R32, R33 PER E0190. 1 05/05/94 REM ARE LIT. FOR UNMATCHED TUBES THIS CONDITION MAY REV NOT BE ABLE TO BE MET. IF SO ADJUST CONTROLS DATE BY CHK'D DESCRIPTION SD THAT ONLY THE RED LEDS ARE LIT. SEE THE OWNER'S MANUAL FOR TROUBLESHOOTING TIPS USING THE BIAS CONTROLS AND LEDS. SIGNATURES: 9880 BORMAN DR. ST. LOURS, MISSOURI 63146 DATE: REM DRAWN: 11/15/93 CHK'D: RC 11/22/93 PROJECT NAME: SVT-CL APP'D: GM 11/22/93 ORIGINAL ISSUED: 11/15/93 DRAWING NAME: PWR AMP PICTORIAL PLOT DATE: 05/16/94 DRAWING NO. PLOT TIME: 11:25:48 07S419-11 FILE NAME: 41911P2Z SCALE: 1:1 SHEET: 1 OF 2

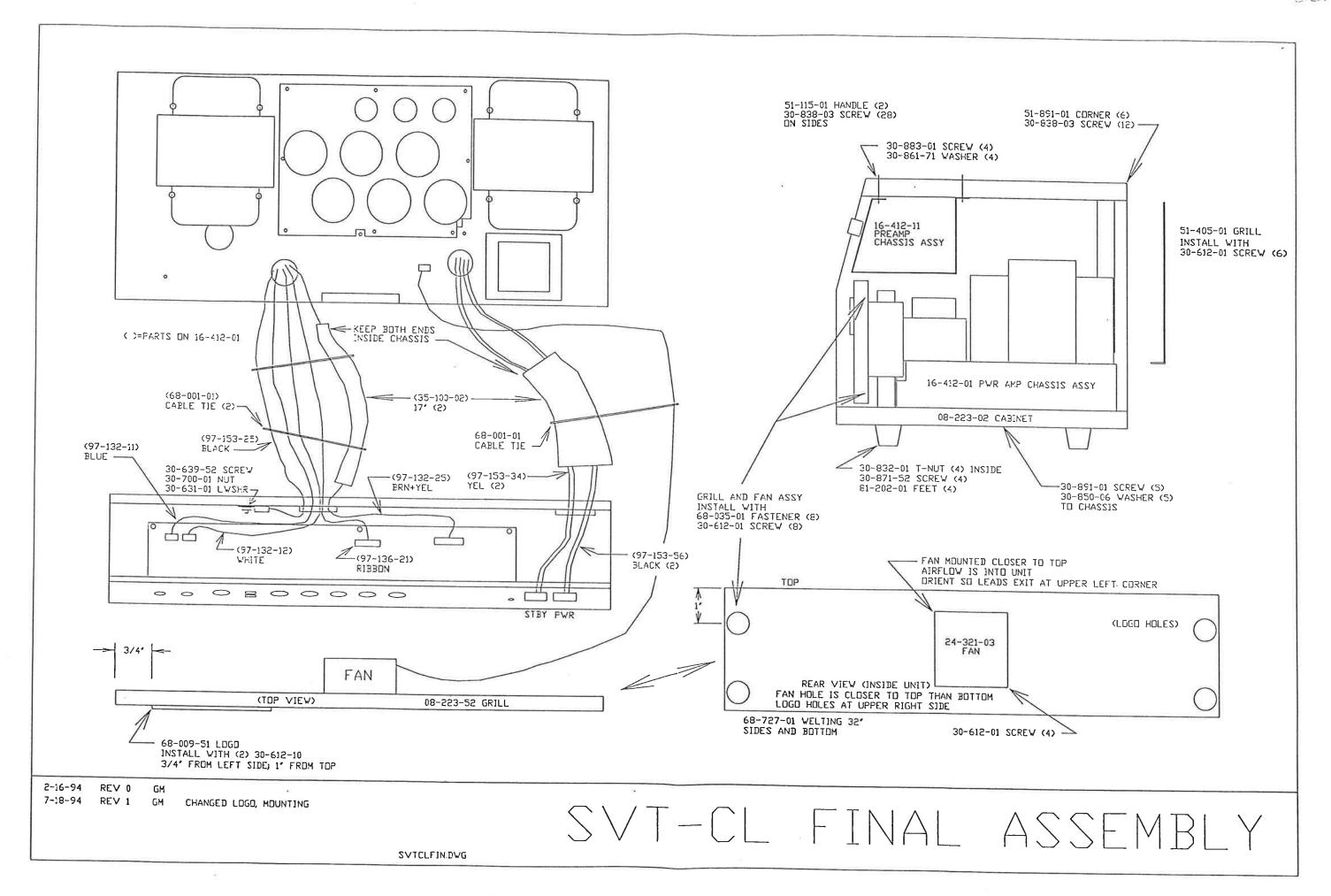
DESIGNATOR	THRMSTR D26 21A407-01 D27 21A447-01 D28 21A447-01 D28 21A444-01 D29 21A370-01 63V D30 63V D31 200V D32 21A914-01 D33 21A914-01 D33 21A914-01 D34 200V D35 21A914-01 D36 21A914-01 D37 200V D38 21-512-01 D40	1N4007 1N4007 1N4007 1N4007 1N4007 1N4744 15V/1W 1N3070 1N3070 1N914 1N917 1N3070 1N30	70-503-20	R60 78-500-05 50 5W R61 78-500-05 50 5W R62 76-151-01 150 R63 76-102-01 1K R64 76-151-01 150 R65 76-102-01 1K R66 76-102-01 1K R66 76-102-01 1K R67 76-153-01 15K R68 76-622-01 2.2K R70 76-222-01 2.2K R71 76-151-01 150 R72 76-102-01 1K R73 76-151-01 150 R74 76-102-01 1K R75 76-102-01 1K R76 76-153-01 15K R77 76-682-01 2.2K R79 76-222-01 2.2K R80 76-222-01 2.2K R80 76-222-01 2.2K R80 76-222-01 2.2K R80 76-222-01 2.2K R81 NDT USED R82 76-333-01 33K R83 NDT USED R84 76-222-01 2.2K R85 76-222-01 2.2K R86 76-222-01 2.2K R87 76-222-01 2.2K R87 76-222-01 2.2K R88 76-222-01 2.2K R89 76-221-01 2.2D S1 NDT USED S1 NDT USED S2 NDT USED S1 NDT USED S1 NDT USED S1 NDT USED S2 NDATEN SPACERS *1 BREAK IN SEQUENCE	2
D21 21A407-01 1N4007 D22 21A407-01 1N4007		JUMPER JUMPER ** R59	77-222-01 2.2K 1/2W 3	76-000-01 TO -05 PER E150 CHANGED VALUES OF R24, R25, R32, R33 PER E0190. CHK'D DESCRIPTION DATE: 11/15/93 PROJECT NAME: 11/22/93 SVT-CL 11/15/93 DRAWING NAME: 05/16/94 PWR AMP PICTORIAL 11:25:48 DRAWING 07S419-11 REV. 2	- 4

41911P2Z SCALE: 1:1 SHEET: 2 OF 2

SUT-CL Pur Amp

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