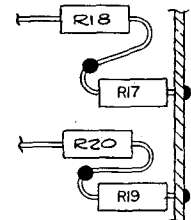


THIS INFORMATION CONTAINED HEREIN IS PROPRIETARY TO SPELLMAN HIGH VOLTAGE ELECTRONICS CORP. AND IS TO BE USED ONLY FOR THE PURPOSES INTENDED AND IS NOT TO BE REPRODUCED EITHER IN WHOLE OR PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF SPELLMAN HIGH VOLTAGE ELECTRONICS CORP.

DESCRIPTION OF HOLES		
SYM	DESCRIPTION	QTY

REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	APPROVED	BY	DATE
B		RELEASED PER ECR NO. 2565 AND ECR NO. B4925.	3/27/90			
C		REVISED PER ECR 5046 FOR 1030 FL 9/1/90				
D		BOM CHG. PER ECR 5097	8/1/90			
E		REVISED PER ECR 5093, 5131, 5164, 5170	6/25/90			
F		ECR 5488, SCHEMATIC B.O.M. CHANGE	11/1/91			
G		REVISED PER ECR 5311	4/11/91			
H		REVISED PER ECR 5795	8/17/91			
J		ADDED NOTE 7 PER ECR 5968	7/2/91			
K		REVISED PER ECR 6221, PICTORIAL UPDATE	12/19/91			
L		REVISED PER ECR 6255	1/30/92			
M		REVISED PER ECR 6414	12/26/93			

**PRELIMINARY**

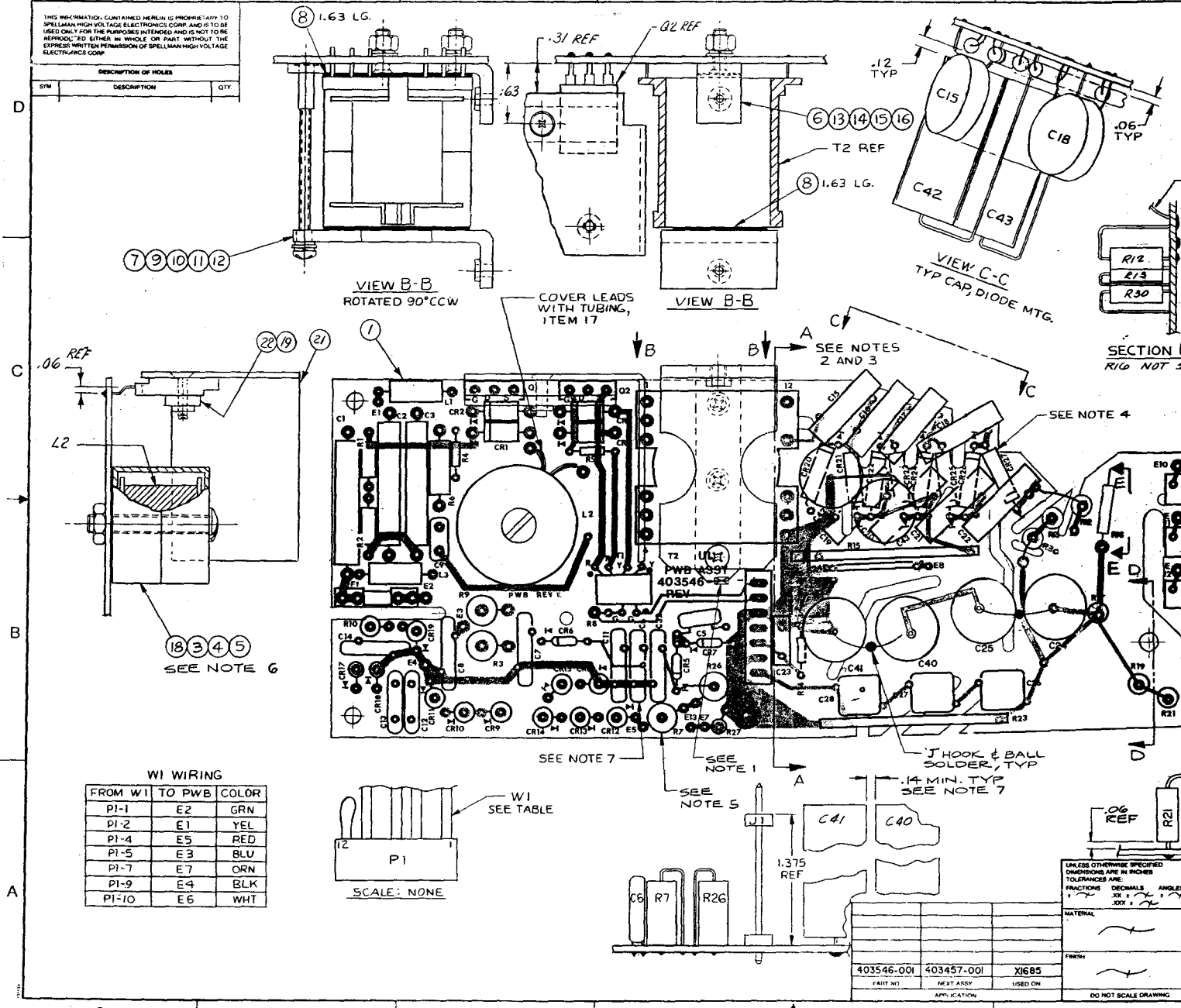
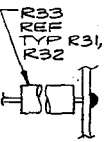


ECN# 6414 PENDING  
DO NOT MANUFACTURE

SECTION D-D

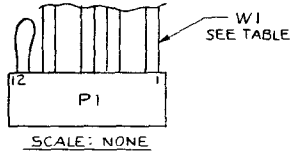
NOTES:

- MARK ASSY DASH NO. AND REV WITH J2 HIGH CHARACTERS IN CONTRASTING COLOR.
- ALL COMPONENT LEADS TO THE RIGHT OF LINE A-A MUST BE BALL SOLDERED EXCEPT GROUND PLANE CONNECTIONS OF C41, C42, R15, R23, R24, AND R44 ON SOLDER SIDE OF PWB.
- CIRCUITRY SHOWN ON COMPONENT SIDE OF HV SECTION IS FOR REF. AND AN AID IN ASSEMBLY.
- HIGH VOLTAGE DIODES CR20 - CR27 AND RESISTORS RI1-R14, R17, R19, R21, R30-R33 MUST BE RAISED .06 OFF PWB.
- LOW VOLTAGE DIODES OF PWB ONLY, 1 AND 2 WATT RESISTORS CAN STAND ON END, AND FLUSH TO PWB.
- TORQUE SCREW TO 2 IN. POUNDS.
- THE SPACE BETWEEN HIGH VOLTAGE CAPS (C41, C40, C25 AND C24) MUST BE NO LESS THAN .014". CILC6, 8 C32 MUST BE .06" OFF PWB. C6 MUST NOT TOUCH CATHODE LEAD OF CR12.



WI WIRING

FROM WI	TO PWB	COLOR
PI-1	E2	GRN
PI-2	E1	YEL
PI-4	E5	RED
PI-5	E3	BLU
PI-7	E7	ORN
PI-9	E4	BLK
PI-10	E6	WHT



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CONTRACT NO.		SPPELLMAN HIGH VOLTAGE ELECTRONICS CORPORATION													
FRACTIONS	DECIMALS	ANGLES	REV STATUS OF PARTS		PRINTED WIRING ASSY POWER CIRCUIT PTV200XI685C												
			DASH NO.	001 002 003 004 005 006 007 008 009 010	<table border="1"> <tr> <td>PART</td> <td>ET</td> </tr> <tr> <td>BOM</td> <td>ET</td> </tr> </table>	PART	ET	BOM	ET								
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