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ZONE

REV

REVISIONS

DATE

APPROVED

INITIAL RELEASE

21 AUG 00

T. EUROPA
W. BROWN
J. OLSON

A

SH IDX REV. PL NOT AFFECTED.

28380 (NA)

9 FEB 01

B

NOTES: ADD NOTE TO SH IDX REV. PL AFFECTED.

(A) AFFECTS ASSEMBLIES NOT YET IN BUILD AS SOON AS MANUFACTURING DOCUMENTATION IS AVAILABLE. (A2) ASSEMBLIES IN BUILD. (A3) ASSEMBLIES IN STOCK AND IN RELATED ASSEMBLIES. (A5) EXCLUDES END ITEMS.

24514 (M)

7/23/01

R. RICHARDS

NOTES:

1. ASSEMBLE PER ITEM 701.

CAUTION

ELECTROSTATIC SENSITIVE EQUIPMENT
SPECIAL HANDLING REQUIRED

THIS ASSEMBLY INCLUDES COMPONENTS WHICH ARE SUBJECT TO DAMAGE BY ELECTROSTATIC CHARGES; THEREFORE, ALL COMPONENTS SHALL BE HANDLED IN ACCORDANCE WITH GUIDELINES FOR ELECTROSTATIC DISCHARGE CONTROL.

3. COMPONENT LEAD PROTRUSION SHALL BE .090 MAXIMUM, BARE COPPER PERMISSIBLE ON COMPONENT LEADS AT TRIMMED SURFACES. PI LEADS DO NOT REQUIRE TRIMMING IF THEY ARE WITHIN THE LIMITS AS DEFINED ON SHEET 2.

4. UNLESS OTHERWISE SPECIFIED, MAXIMUM COMPONENT HEIGHT SIDE B SHALL BE .490.

5. SQUARE PADS ON PRINTED WIRING BOARD INDICATE PIN 1.

6. J1 THRU J5 BODIES SHALL BE FLUSH TO .015 MAXIMUM TO SIDE B OF ITEM 1.

7. REMOVE PINS J1-4, J1-7, J2-7, J2-16, J3-8, J3-3 FROM THE PLASTIC BODY.

8. J11, J12, J13, J14, J21, J22, J41, J42, J51 AND J52, SHALL BE INSTALLED PER SCD 7024421.

9. SHADED COMPONENTS ARE NOT INSTALLED.

10. LOCATE AND SOLDER C1, L1 AND L2 TO PADS AS SHOWN.

REV STATUS OF PARTS LIST SHALL BE SAME AS BASIC DRAWING NUMBER
SEE SEPARATE PARTS LIST

45444342414038373635343332313028272625242322212019181716151413121110987654321

FOR HONEYWELL REFERENCE

WFO REF NO.

DPA NO. A-23313

PRODUCT LINE NO. 5111

AW/PS ANALYSIS EB 7516081

REF DWG

REF SPEC

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES: TOLERANCES: ANGLES ± 1°

2 PL DEC ± .01

3 PL DEC ± .005

MATL-PROCESS-FINISH

MATL

MILITARY DESIGNATION

PROCESS, FINISH, SEE QQ. 40.

ITEM CODE (PER E6699384)

THIRD ANGLE PROJECTION

DWG CLASS

FIRST USED ON 7519200

APPLICATION

7519300

7519300

USED ON (SYS)

CONTRACT

HS-600

DRAWN BY

J. OLSON

DATE

07 AUG 00

DESIGNED BY

DATE

CHECKED BY

E. THIESSEN

DATE

15 AUG 00

APVD FOR MFG

V. LABROZZI

DATE

16 AUG 00

APVD FOR QE

DATE

APVD FOR ENGRG

DATE

APVD FOR ENGRG

T. EUROPA

DATE

15 AUG 00

APVD FOR

DATE

OPERATIONAL NOTE

SIMILAR ASSEMBLY

Honeywell

COMMERCIAL FLIGHT SYSTEMS GROUP
PHOENIX, ARIZONA

TITLE

CIRCUIT CARD ASSEMBLY-
INTERCONNECT

SIZE

CAGE CODE

E155939

DRAWING NO.

7519220-802

REV

SCALE

NO

UNIT

WT

SHEET

1

OF

14

5231-040 (ASME Y14.5M-1994) HONEYWELL INC.
(REV 3-97)

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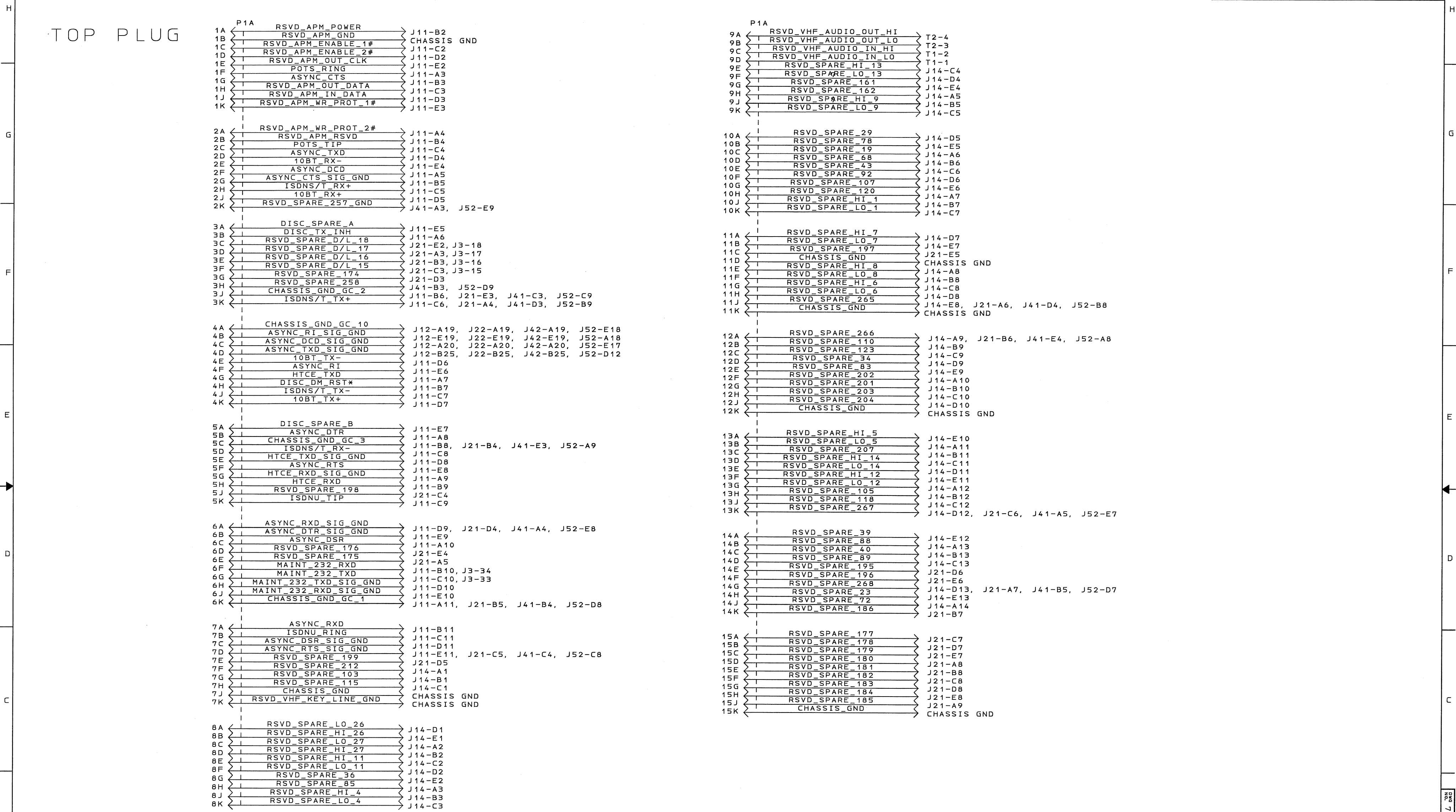
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JUN 08 2001

richards 13:18:30

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
A		EXTENSIVE CHANGES.	8 Feb 01
		28380 (NA)	
		SEE DWG SHEET 1.	

TOP PLUG



NOTES:
UNLESS OTHERWISE SPECIFIED:
1. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
2. ALL RESISTANCE VALUES ARE IN OHMS.
3. ALL INDUCTANCE VALUES ARE IN MICROHENRIES.
4. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN;
FOR COMPLETE DESIGNATIONS PREFIX PART
DESIGNATION WITH SUBASSEMBLY DESIGNATION.
5. INTERPRET DRAWING PER ANSI Y32.2-1975 AND
ANSI/IEEE STD 991-1986. LOGIC SYMBOLS
CONFORM TO ANSI/IEEE STD 91-1984.

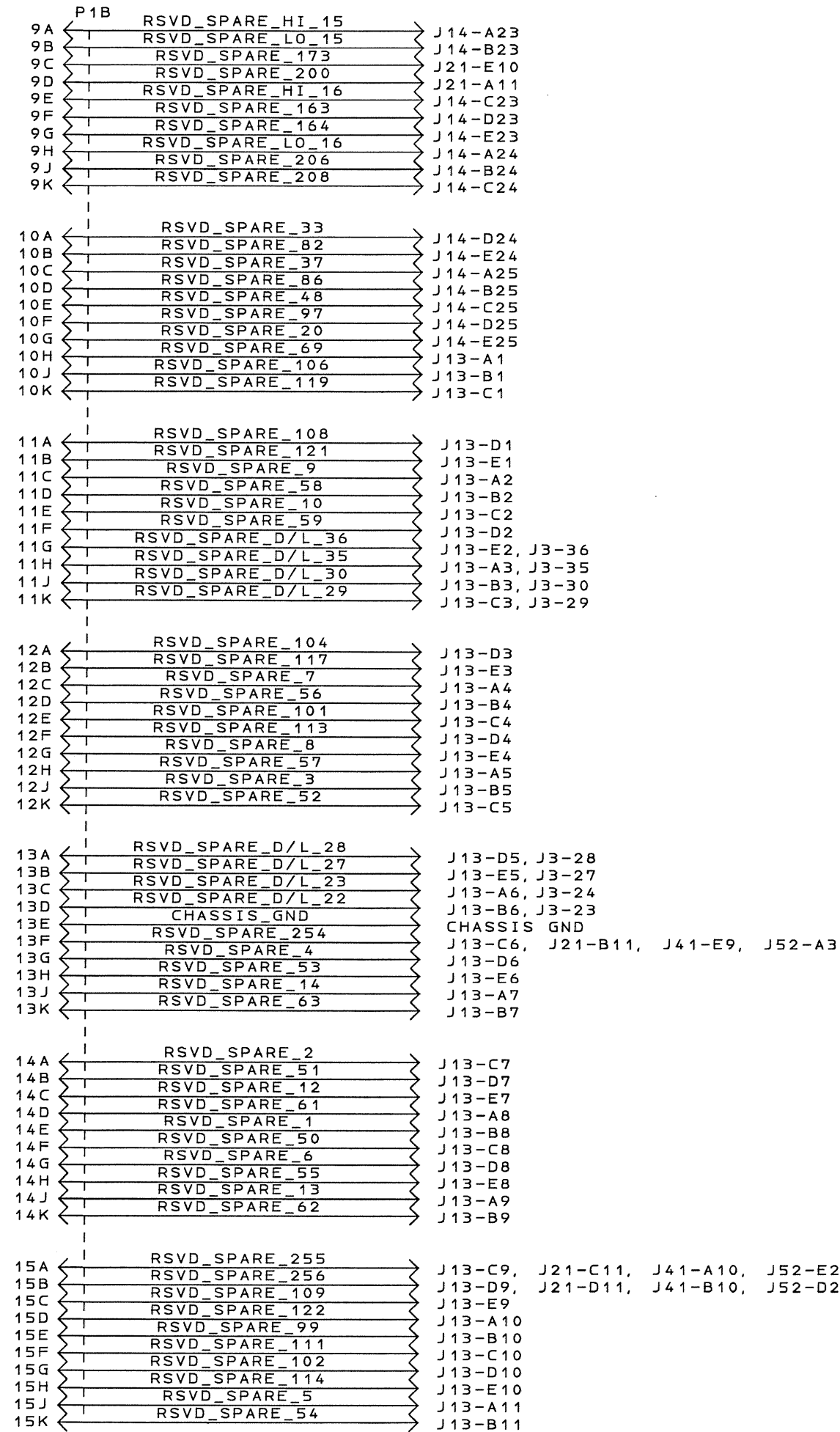
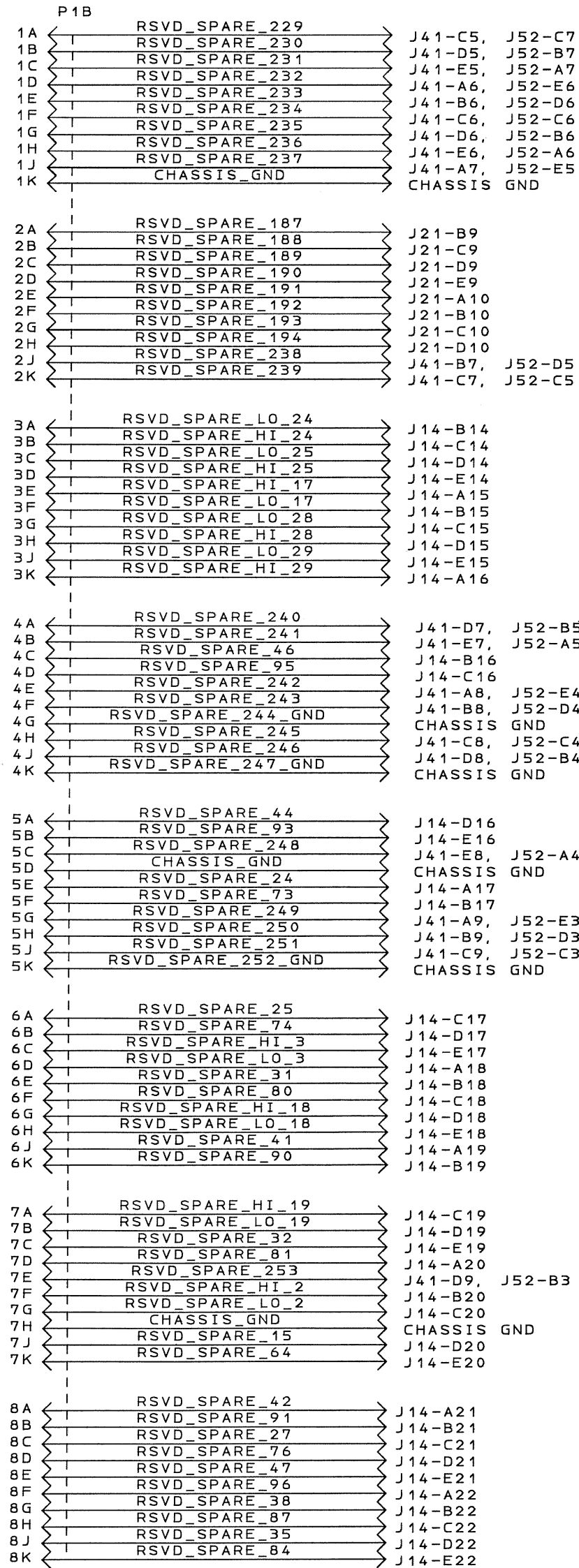
CM-950 INTERCONNECT - A6
ARINC 600 CONNECTOR
TOP PLUG
SCHEMATIC DIAGRAM SHEET NO. 1 OF 11

COMPUTER GENERATED

2-6-2001_11:06 RICH REISBECK

Honeywell	SEE FIRST SHEET FOR CONTRACT NUMBER, USE OR DISCLOSURE OF INFORMATION ON THIS SHEET IS SUBJECT TO THE RESTRICTIONS ON THE FIRST SHEET OF THIS DOCUMENT.	SIZE	CAGE CODE	DRAWING NO.	REV
		E	55939	7519220-802	A

MIDDLE PLUG



ARINC 600 CONNECTOR

MIDDLE PLUG

SCHEMATIC DIAGRAM SHEET NO. 2

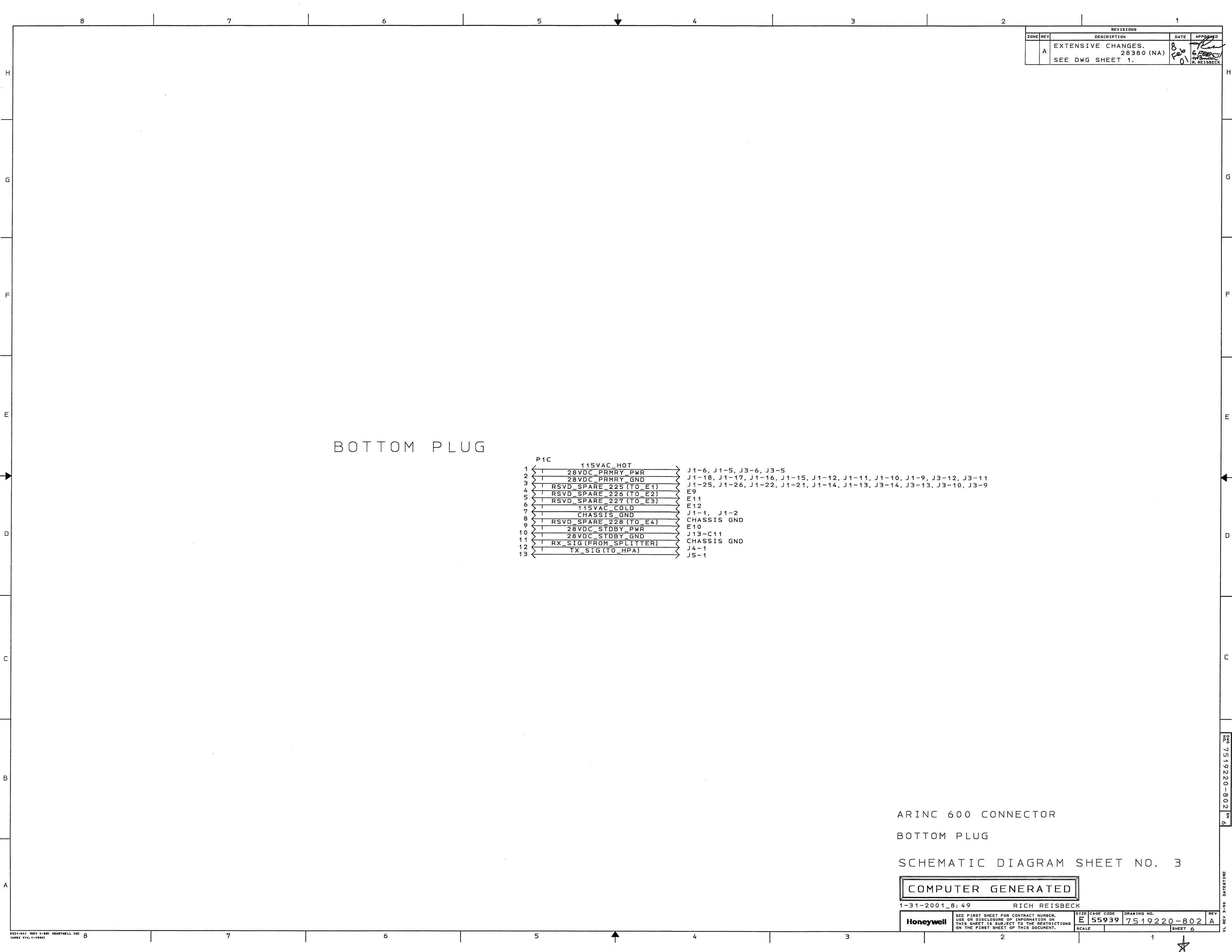
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1-31-2001_8: 49 RICH REISBECK

Honeywell

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SIZE E 55939
DRAWING NO. 7519220-802
SHEET 5



REVISIONS			
ZONE	REV	DESCRIPTION	DATE
	A	EXTENSIVE CHANGES. 28380 (NA) SEE DWG SHEET 1.	8 Feb 60

APPROVED
R. REISBECK

BOTTOM PLUG

P1C		
1	115VAC_HOT	J1-6, J1-5, J3-6, J3-5
2	28VDC_PRRY_PWR	J1-18, J1-17, J1-16, J1-15, J1-12, J1-11, J1-10, J1-9, J3-12, J3-11
3	28VDC_PRRY_GND	J1-25, J1-26, J1-22, J1-21, J1-14, J1-13, J3-14, J3-13, J3-10, J3-9
4	RSVD_SPARE_225 (TO_E1)	E9
5	RSVD_SPARE_226 (TO_E2)	E11
6	RSVD_SPARE_227 (TO_E3)	E12
7	115VAC_COLD	J1-1, J1-2
8	CHASSIS_GND	CHASSIS GND
9	RSVD_SPARE_228 (TO_E4)	E10
10	28VDC_STDBY_PWR	J13-C11
11	28VDC_STDBY_GND	CHASSIS GND
12	RX_SIG (FROM_SPLITTER)	J4-1
13	TX_SIG (TO_HPA)	J5-1

ARINC 600 CONNECTOR

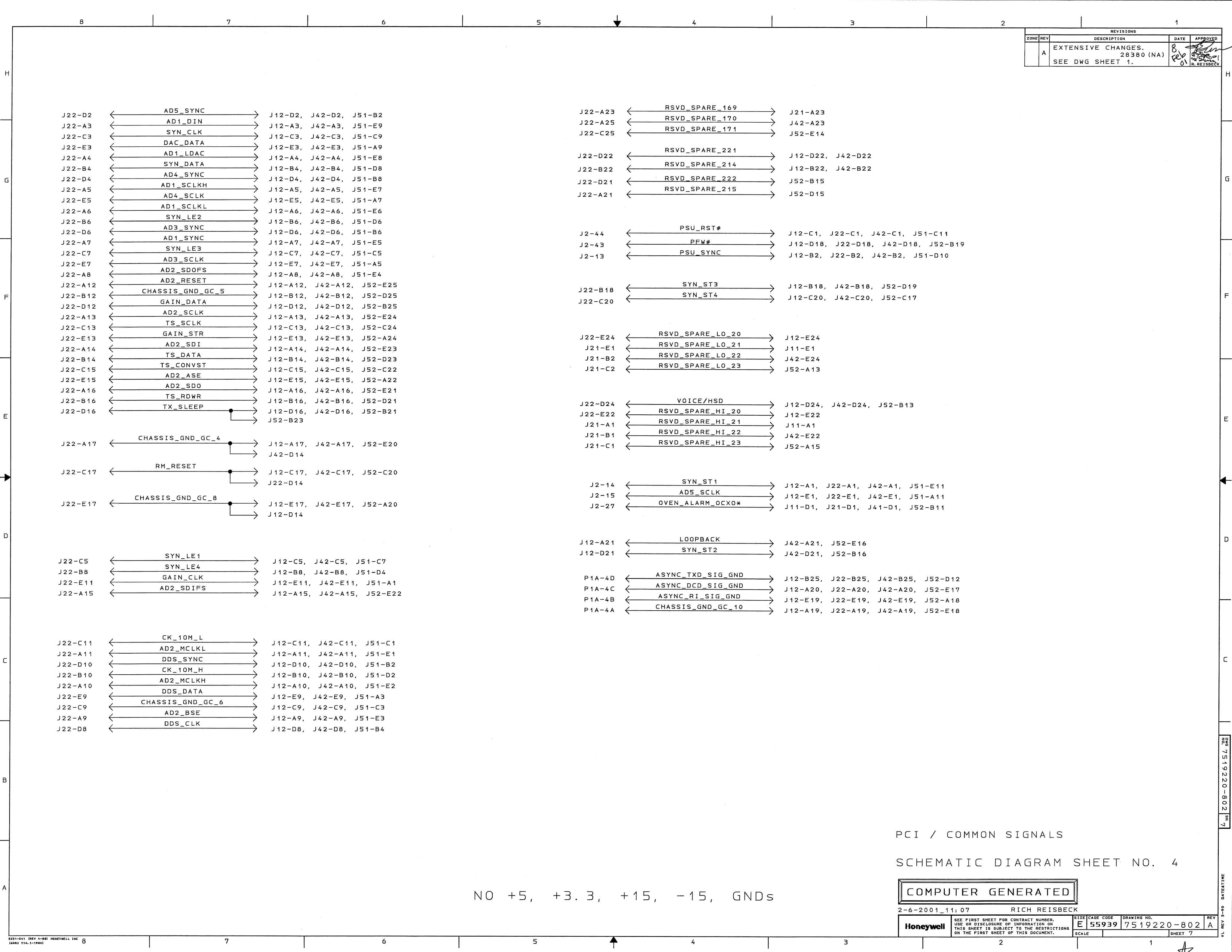
BOTTOM PLUG

SCHEMATIC DIAGRAM SHEET NO. 3

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		SCALE		SHEET	6	REV	



REVISIONS			
ZONE	REV	DESCRIPTION	DATE
A	8	EXTENSIVE CHANGES. 28380 (NA)	8/20/01
		SEE DWG SHEET 1.	R. REISBECK

PCI / COMMON SIGNALS

SCHEMATIC DIAGRAM SHEET NO. 4

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2-6-2001-11:07 RICH REISBECK

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	SCALE		E	55939	7519220-802	A

DATE/TIME 04-3-AM 17