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ZONE

REV

DESCRIPTION

DATE

APPROVED

—

INITIAL RELEASE

21AUG00

T. EUROPA
W. BROWN
J. OLSON

A

SH IDX REV. PL NOT AFFECTED.

28380 (NA)

09FEB01

T. EUROPA
W. BROWN
J. OLSON

B

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

24514 (M)

25JUN01

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

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FOR HONEYWELL REFERENCE

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

WFO REF NO.

DPA NO. A-23313

PRODUCT LINE NO. 5111

AW/PS ANALYSIS EB 7516081

REF DWG

REF SPEC

MATL-PROCESS-FINISH

MATL

PROCESS

FINISH

MILITARY DESIGNATION

PROCESS, FINISH, SEE QD. 40.

ITEM CODE (PER E6699384)

THIRD ANGLE PROJECTION

DWG CLASS A

FIRST USED ON 7519200

CONTRACT HS-600

DRAWN BY J. OLSON

DATE 07AUG00

DESIGNED BY

CHECKED BY E. THIESSEN

DATE 15AUG00

APVD FOR MFG V. LABROZZI

DATE 16AUG00

APVD FOR QE

DATE

APVD FOR ENGRG

DATE

APVD FOR ENGRG T. EUROPA

DATE 15AUG00

APVD FOR

DATE

OPERATIONAL NOTE

SIMILAR ASSEMBLY

Honeywell

COMMERCIAL FLIGHT SYSTEMS GROUP PHOENIX, ARIZONA

TITLE

CIRCUIT CARD ASSEMBLY-INTERCONNECT

SIZE

CAGE CODE

DRAWING NO.

REV

E155939

7519220-802

B

SCALE

UNIT

WT

SHEET 1 OF 14

7519300

7519300

APPLICATION

USED ON (SYS)

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

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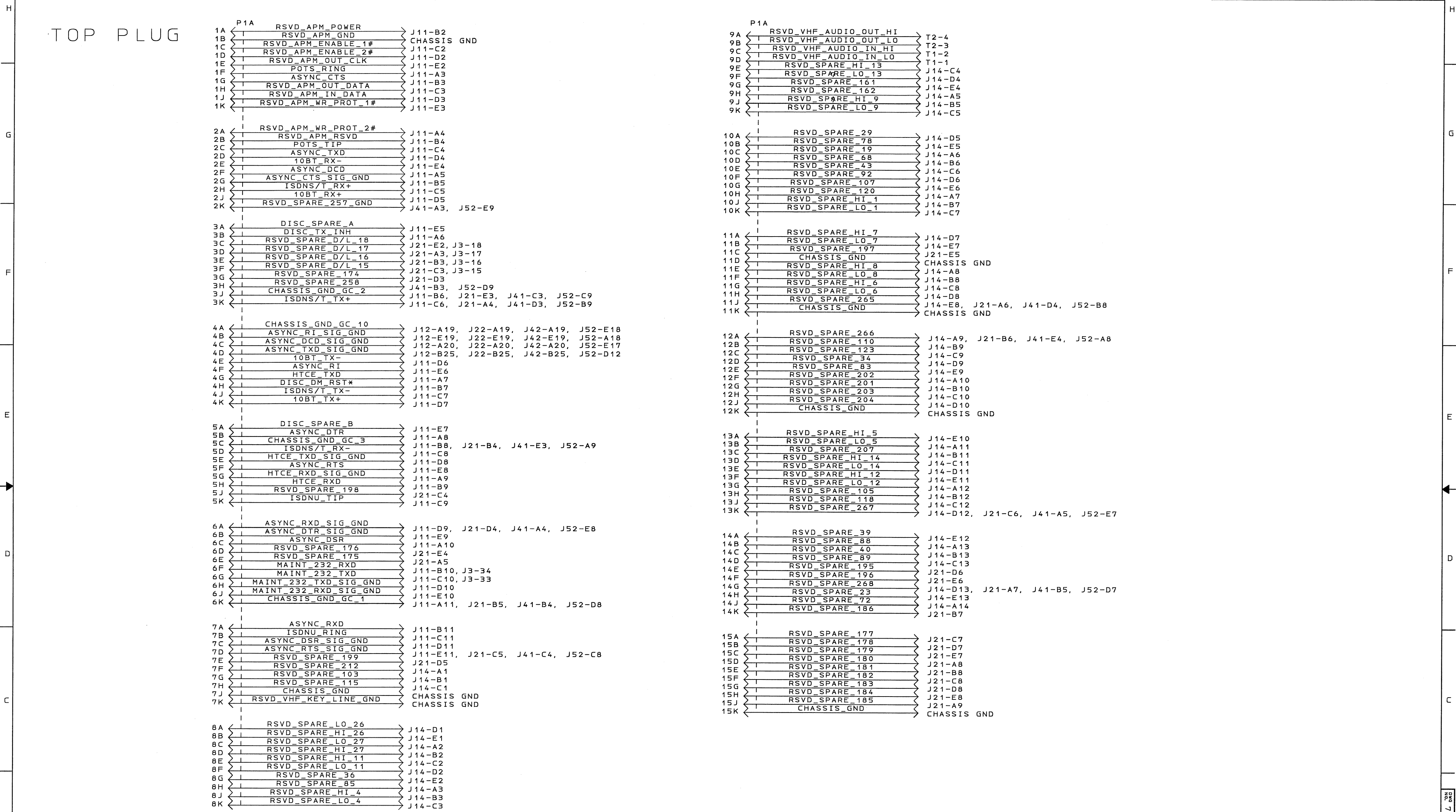
7519220-802

7519220-802

JUN 08 2001 richards 13:18:30

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

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.

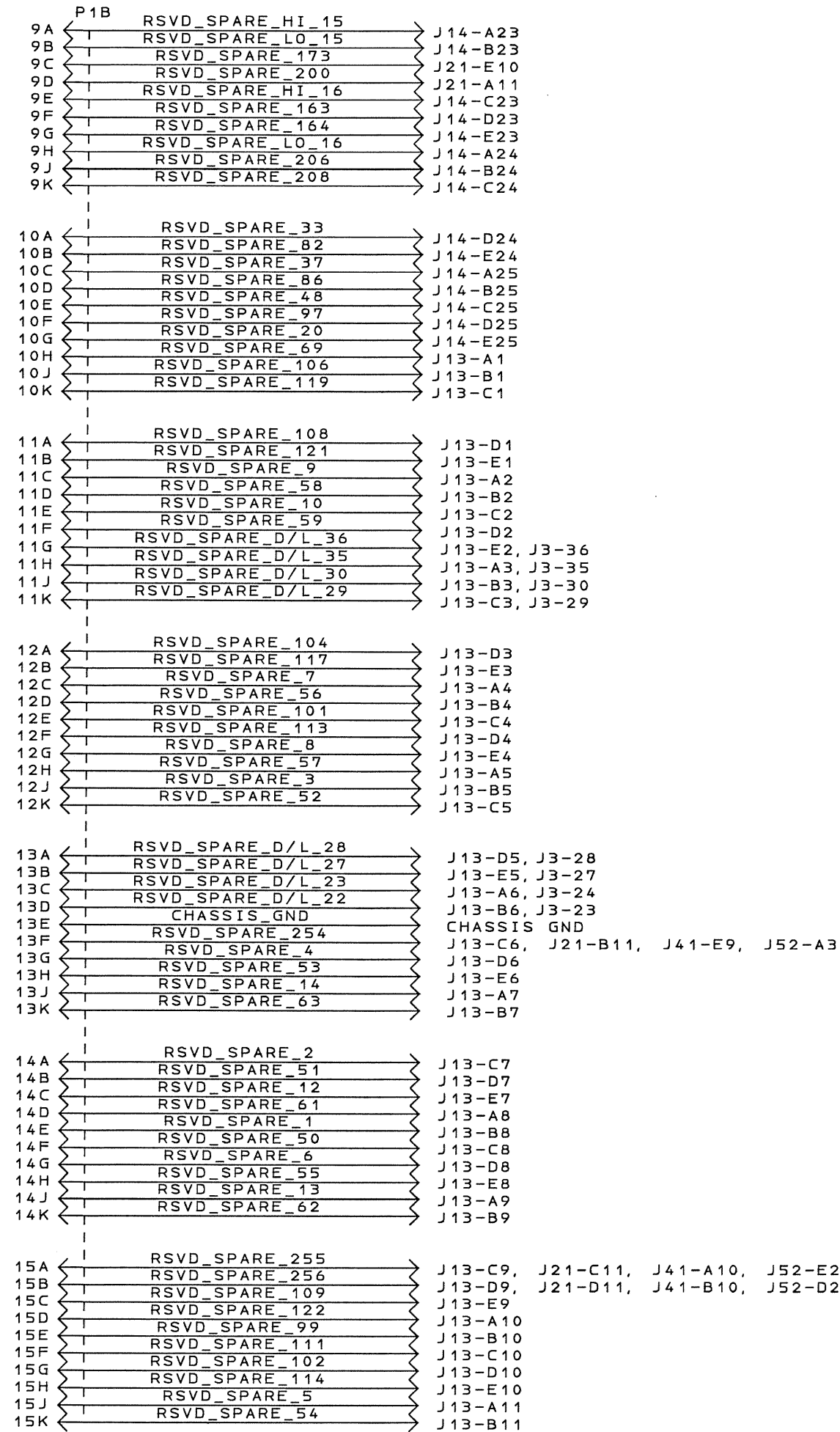
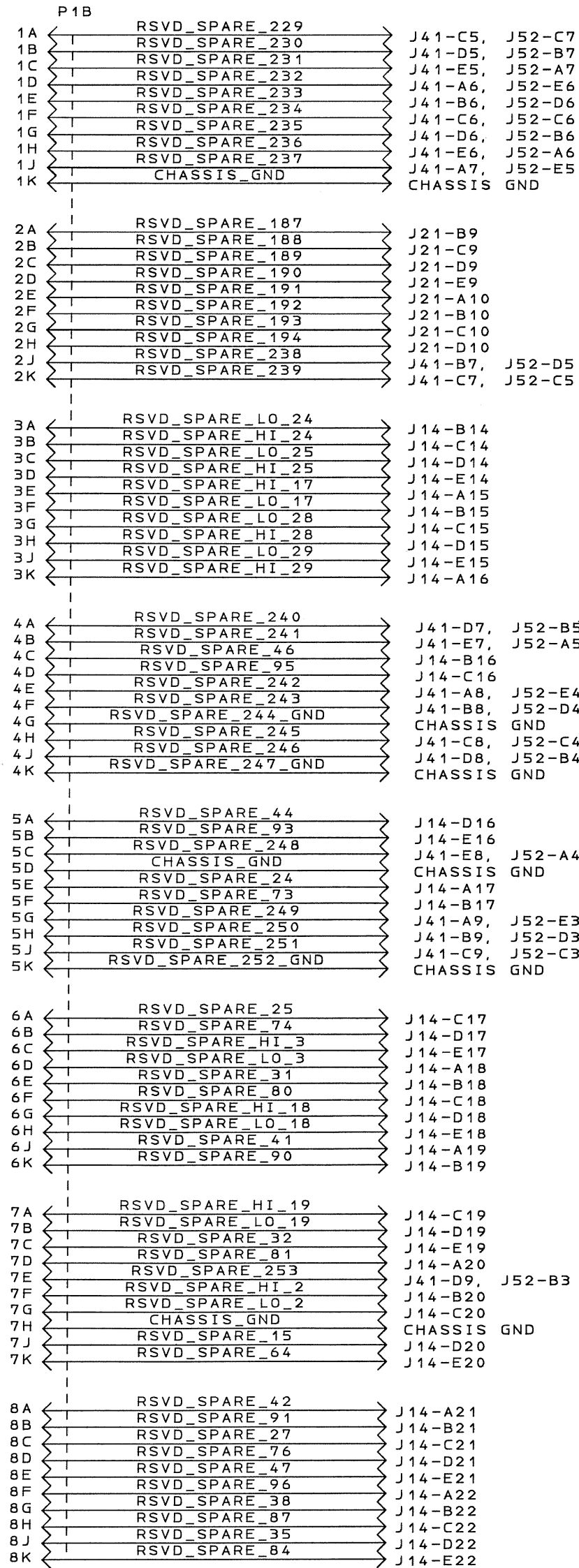
CM-950 INTERCONNECT - A6
ARINC 600 CONNECTOR
TOP PLUG
SCHEMATIC DIAGRAM SHEET NO. 1 OF 11

COMPUTER GENERATED

2-6-2001_11:06 RICH REISBECK

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		E	55939	7519220-802	A

MIDDLE PLUG



ARINC 600 CONNECTOR

MIDDLE PLUG

SCHEMATIC DIAGRAM SHEET NO. 2

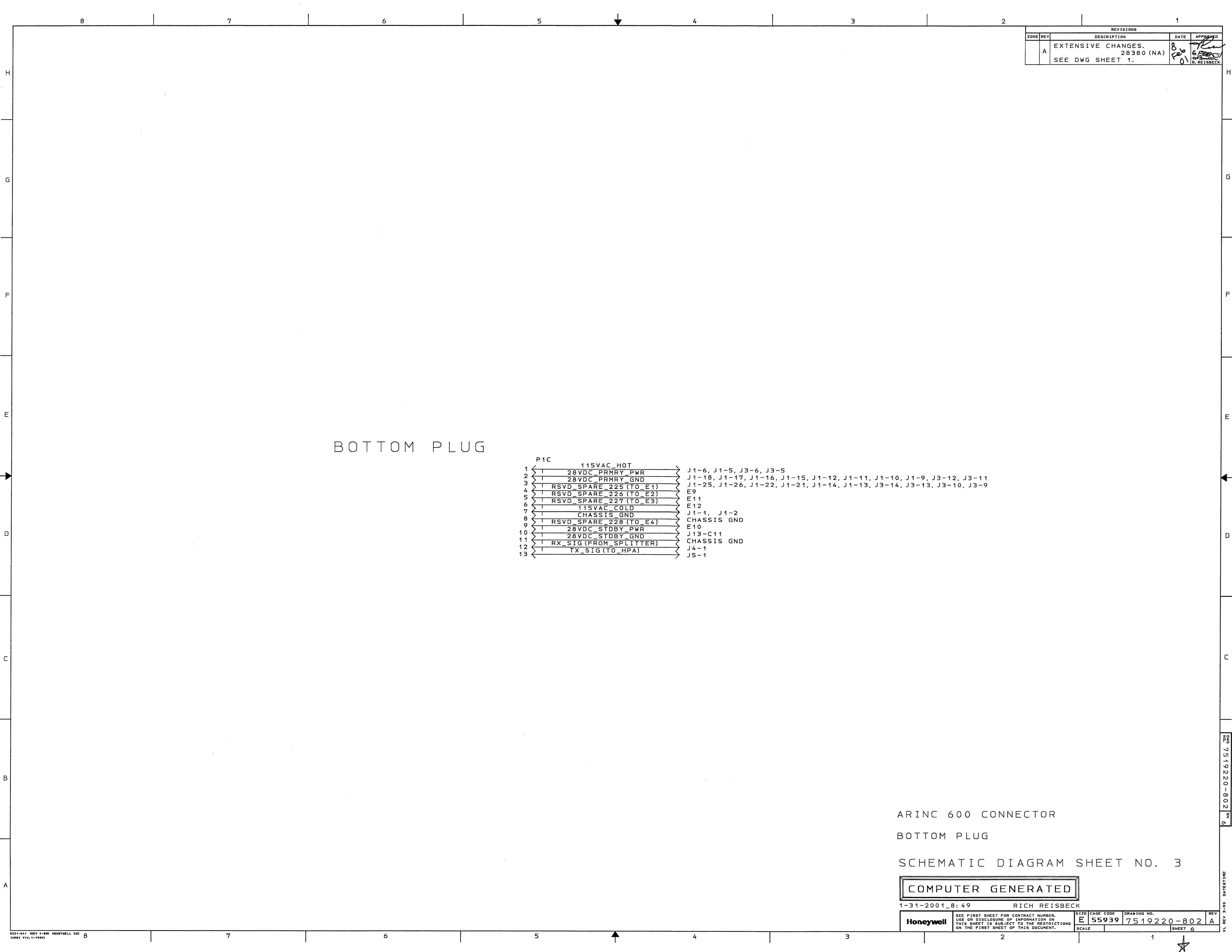
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1-31-2001_8: 49 RICH REISBECK

Honeywell

SEE FIRST SHEET FOR CONTRACT NUMBER.
USE OR DISCLOSURE OF INFORMATION ON
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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

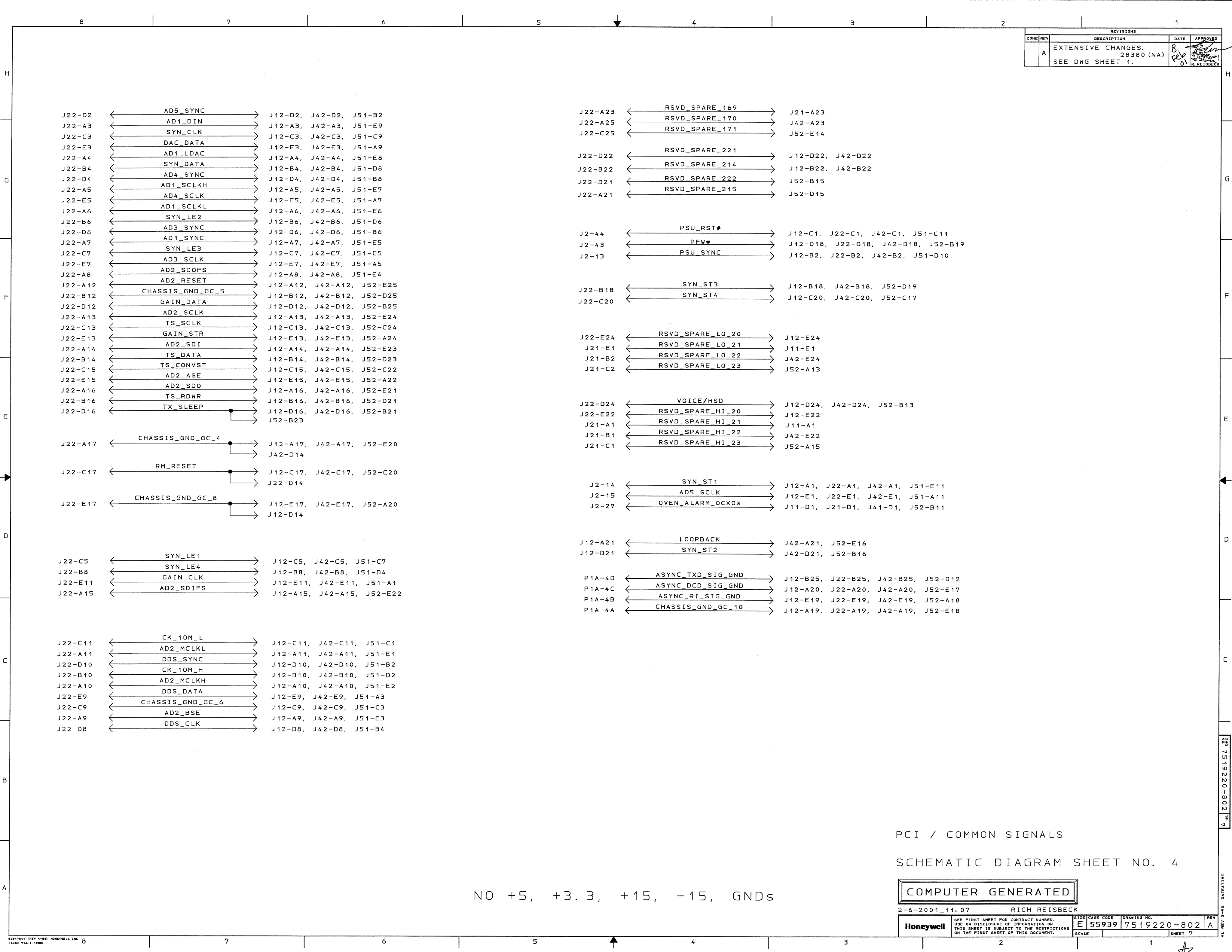
BOTTOM PLUG

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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	SCALE		E	55939	7519220-802	A

DATE/TIME 04-3-AM 17