

NOTICE
FREEDOM OF INFORMATION ACT (5 USC 552) AND
DISCLOSURE OF CONFIDENTIAL INFORMATION GENERALLY
(18 USC 1605)

THIS DOCUMENT IS BEING FURNISHED IN CONFIDENCE BY HONEYWELL
INC. THE INFORMATION DISCLOSED HEREIN FALLS WITHIN EXEMPTION
(b) (4) OF 5 USC 552 AND THE PROHIBITIONS OF 18 USC 1605.

H

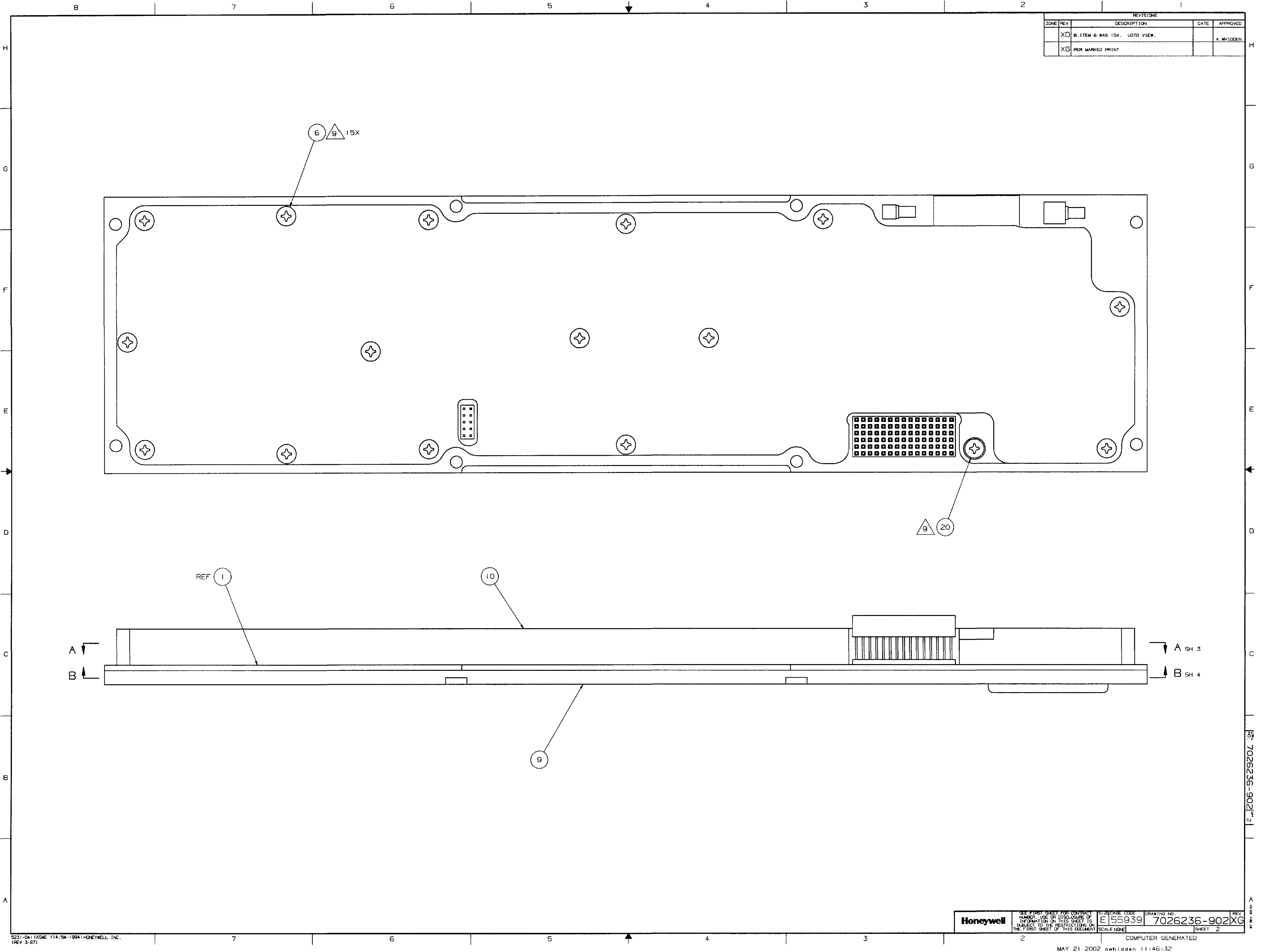
31

21) INSTALL KEYING PLUGS (ITEM 21) INTO J1-A5 AND J1-F4.

31 CONDUCTORS 610, 611, AND 612 CAN ACTUALLY BE ONE CONDUCTOR STRIPPED AT THE APPROPRIATE LOCATIONS.

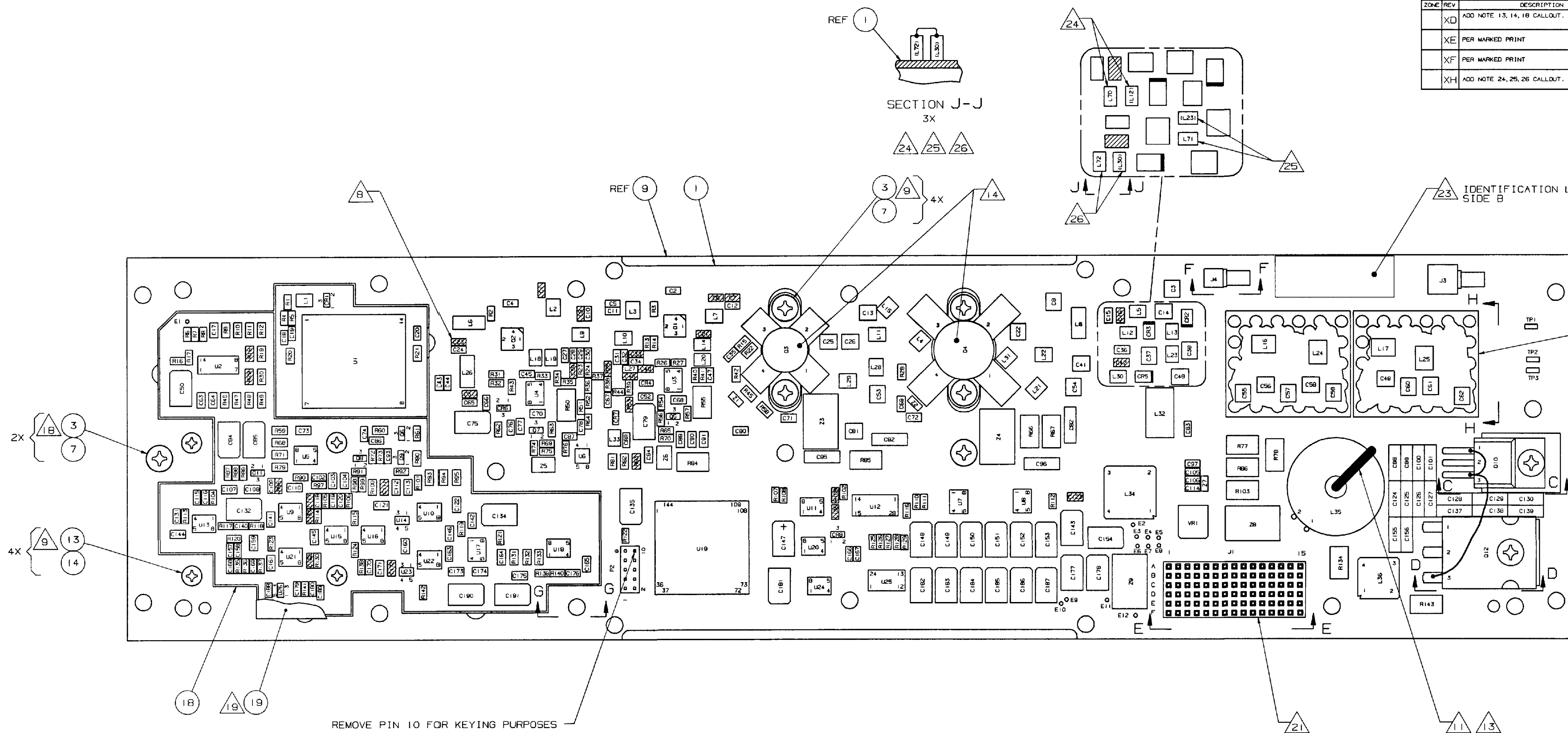
(SCHEMATIC: SHEETS 5 THRU 19)

OT REV 03-01



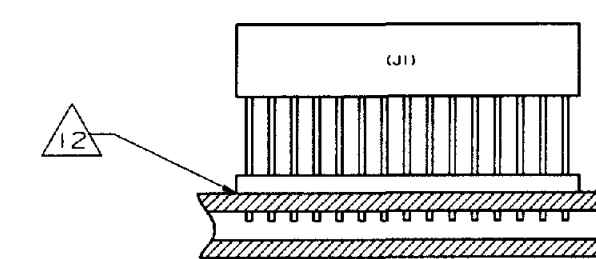
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	XD	B. ITEM 6 WAS 15X. UOTO VIEW.		A. WHIDDEN
	XG	PER MARKED PRINT		

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
	XD	ADD NOTE 13, 14, 18 CALLOUT. UOTO VIEW.	
	XE	PER MARKED PRINT	
	XF	PER MARKED PRINT	
	XH	ADD NOTE 24, 25, 26 CALLOUT. UOTO VIEW.	
			A.WHIDDEN

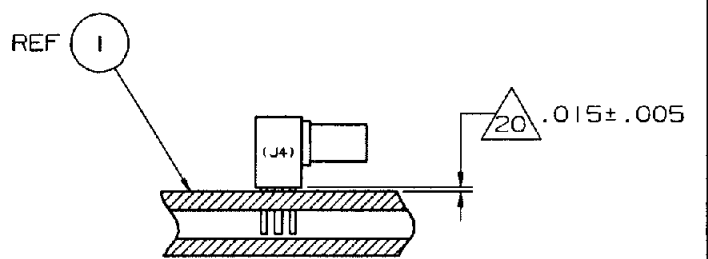


VIEWING SIDE B

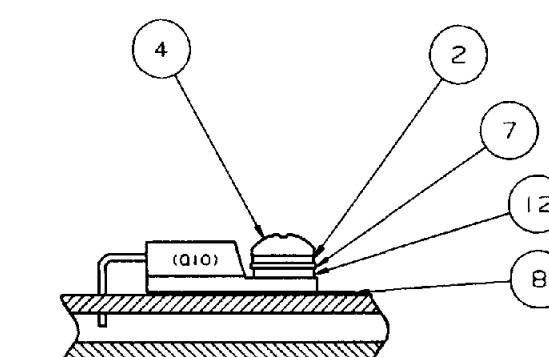
SECTION A-A (SH 2)
(ITEMS 6 AND 10 NOT SHOWN FOR CLARITY)



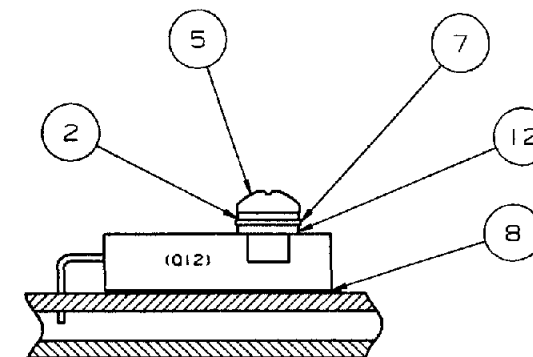
SECTION E-E



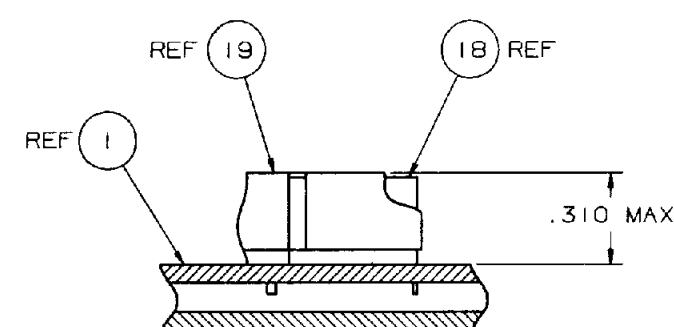
SECTION F-F



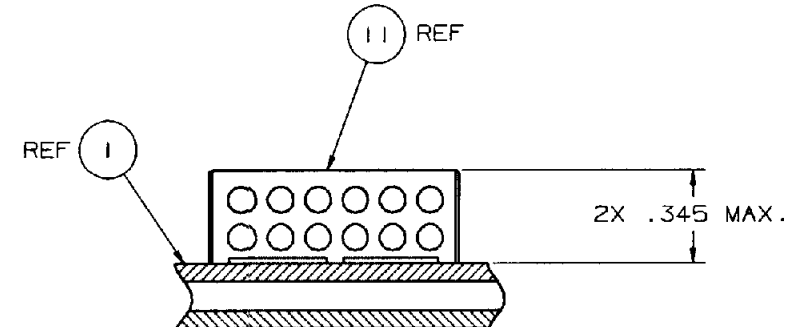
SECTION C-C



SECTION D-D



SECTION G-G

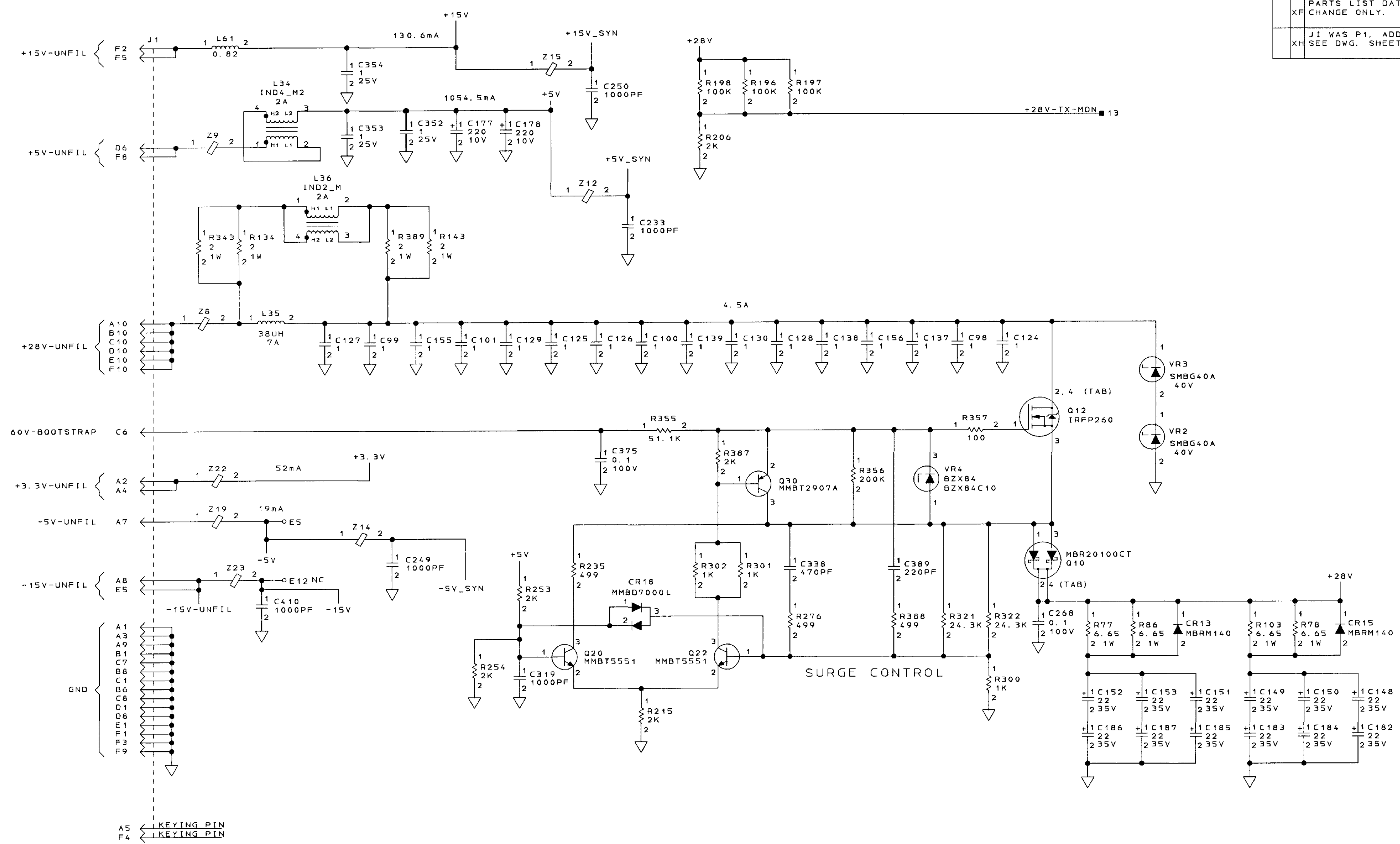


SECTION H-H
(ROTATED 90° CW)

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/CASE CODE	DRAWING NO.	REV
			E 55939	7026236-902XH	
			SCALE NONE	SHEET 3	

COMPUTER GENERATED
MAY 21 2002 awhidden 11:53:32

REV		DESCRIPTION	DATE	APPROVED
XE		PARTS LIST DATA BASE CHANGE ONLY.		M. MOREAU
XF		PARTS LIST DATA BASE CHANGE ONLY.		M. MOREAU
XH		JI WAS P1, ADD C410. SEE DWG. SHEET 1.		R. REISEBECK



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 991-1984. LOGIC SYMBOLS
 CONFORM TO ANSI/IEEE STD 91-1984.

SHUTDOWN TO CPLD THRU COMPARATOR
 SMALL BEADS OK FOR PWR LINES??
 Z7 CURR RATING
 Z12, Z13 BIG PADS, 2 VIAS EACH SIDE
 REDO CURRENT DRAW .XLS

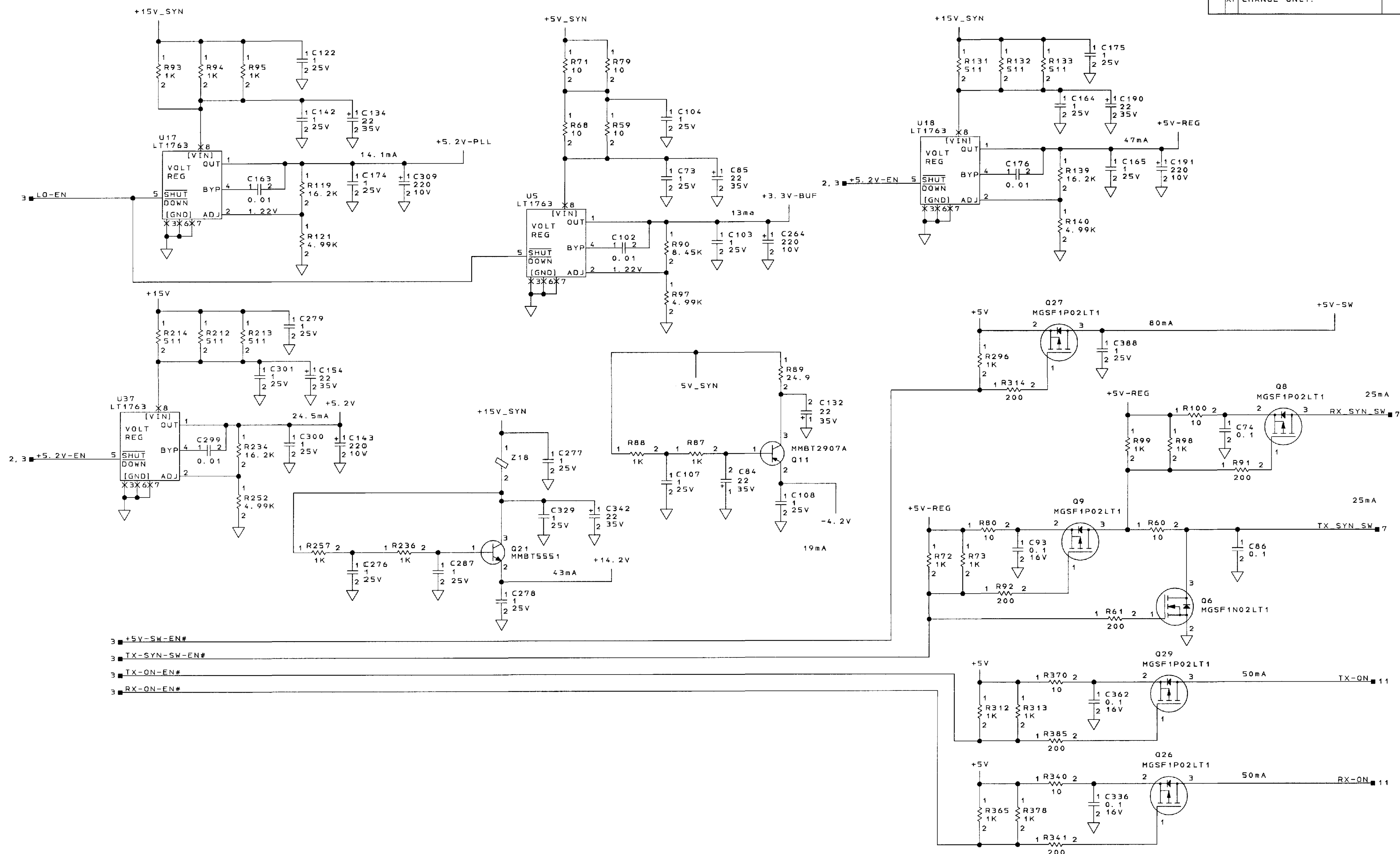
POWER INPUTS/28V SURGE CONTROL
 SCHEMATIC DIAGRAM SHEET NO. 1 OF 15

COMPUTER GENERATED

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 E 55939	DRAWING NO. 7026236-902	REV XH
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7026236-902
SHEET 5

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
	XD	THIS SHEET EXTENSIVELY REVISED.	
	XF	PARTS LIST DATA BASE CHANGE ONLY.	
			PAUL C.
			M. MOREAU



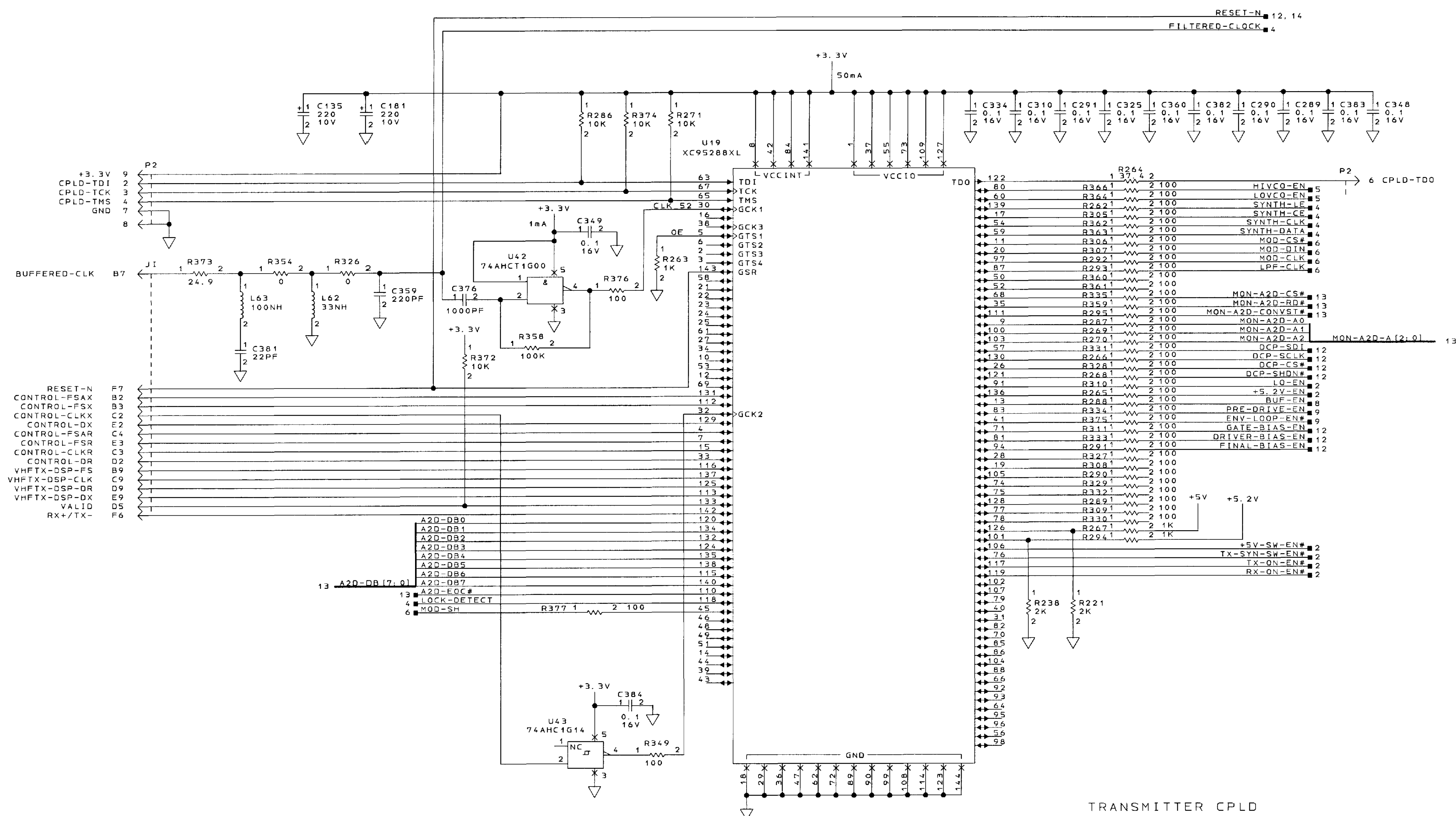
VOLTAGE REGULATORS/VOLTAGE SWITCHING
SCHEMATIC DIAGRAM SHEET NO. 2

COMPUTER GENERATED

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	7026236-902	XF
			SCALE		SHEET	6

7026236-902
 6
 DATE TIME
 5-3-2002 4:16
 RICK REIBECK

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	XD	THIS SHEET EXTENSIVELY REVISED.		PAUL
	XH	J1 WAS P1 SEE DWG. SHEET 1.		



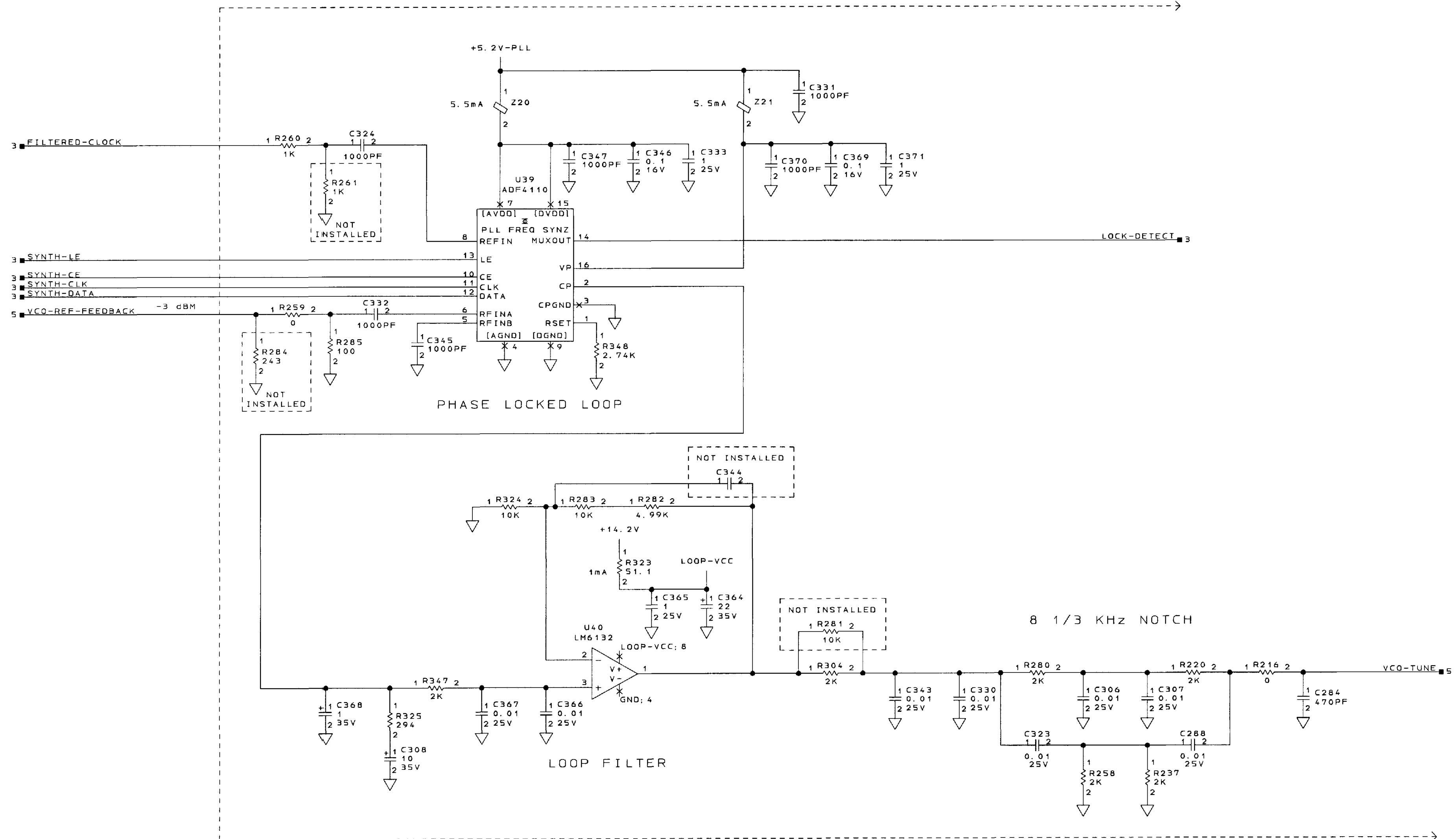
TRANSMITTER CPLD

TRANSMITTER CPLD

SCHEMATIC DIAGRAM SHEET NO. 3

COMPUTER GENERATED

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
	XD	REFDES R261 WAS INSTALLED; PN WAS 7022518-392.	PAUL C.



ADJUST LEVELS ON CLOCK
CE PIN OFF GRID

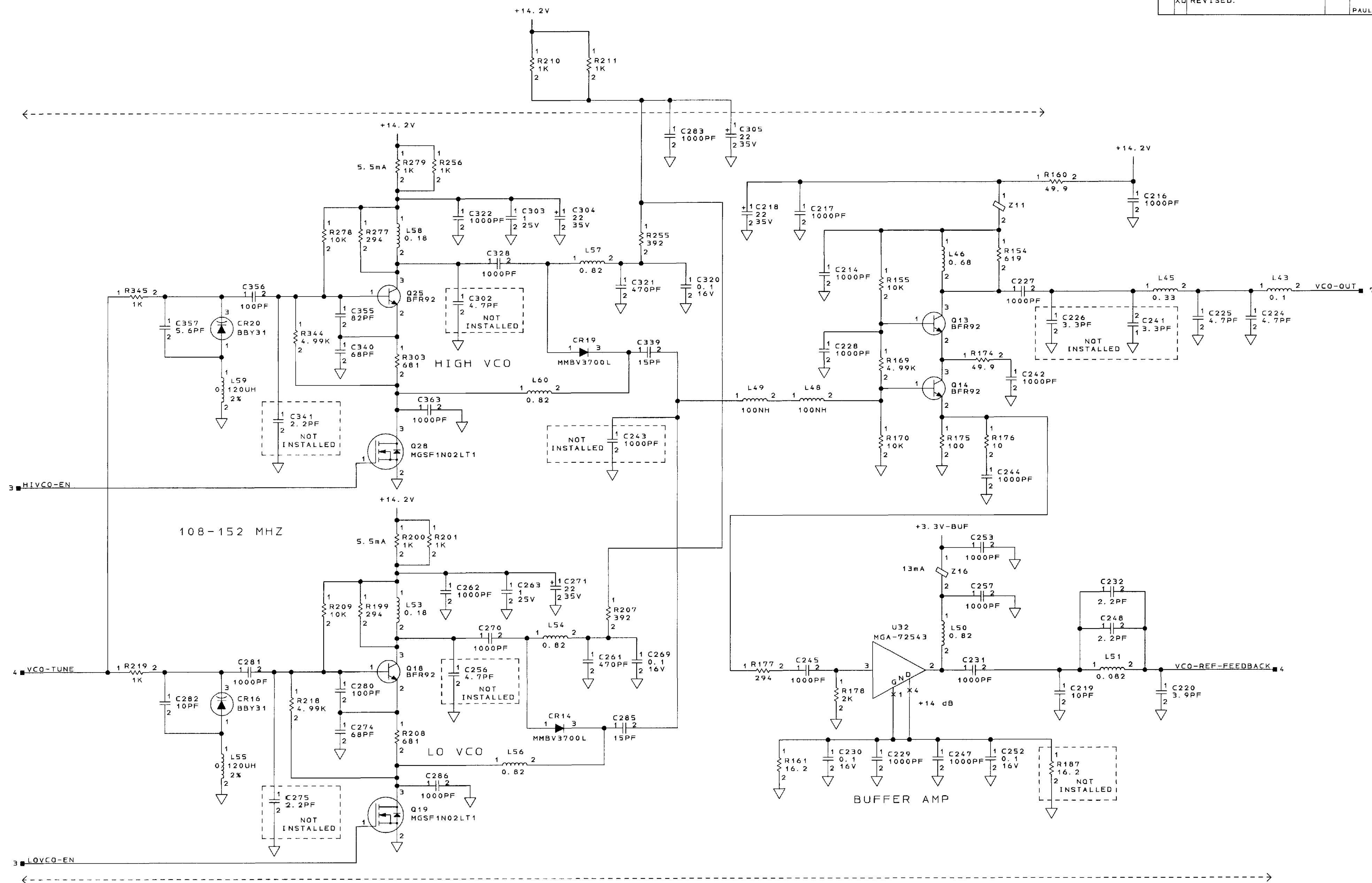
NOTE: LM6132 MADE FROM LM1458 SYMBOL, SEE SHEET 13 ALSO

SYNTHESIZER PLL/ LOOP FILTER
SCHEMATIC DIAGRAM SHEET NO. 4

COMPUTER GENERATED

5-2-2002 15:28	PAUL COBLENTZ	SIZE	CAGE CODE	DRAWING NO.	REV
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.	E	55939	7026236-902	XD
		SCALE			SHEET B

ZONE		REV	REVISIONS		DATE	APPROVED
X0			THIS SHEET EXTENSIVELY REVISED.			PAUL C.

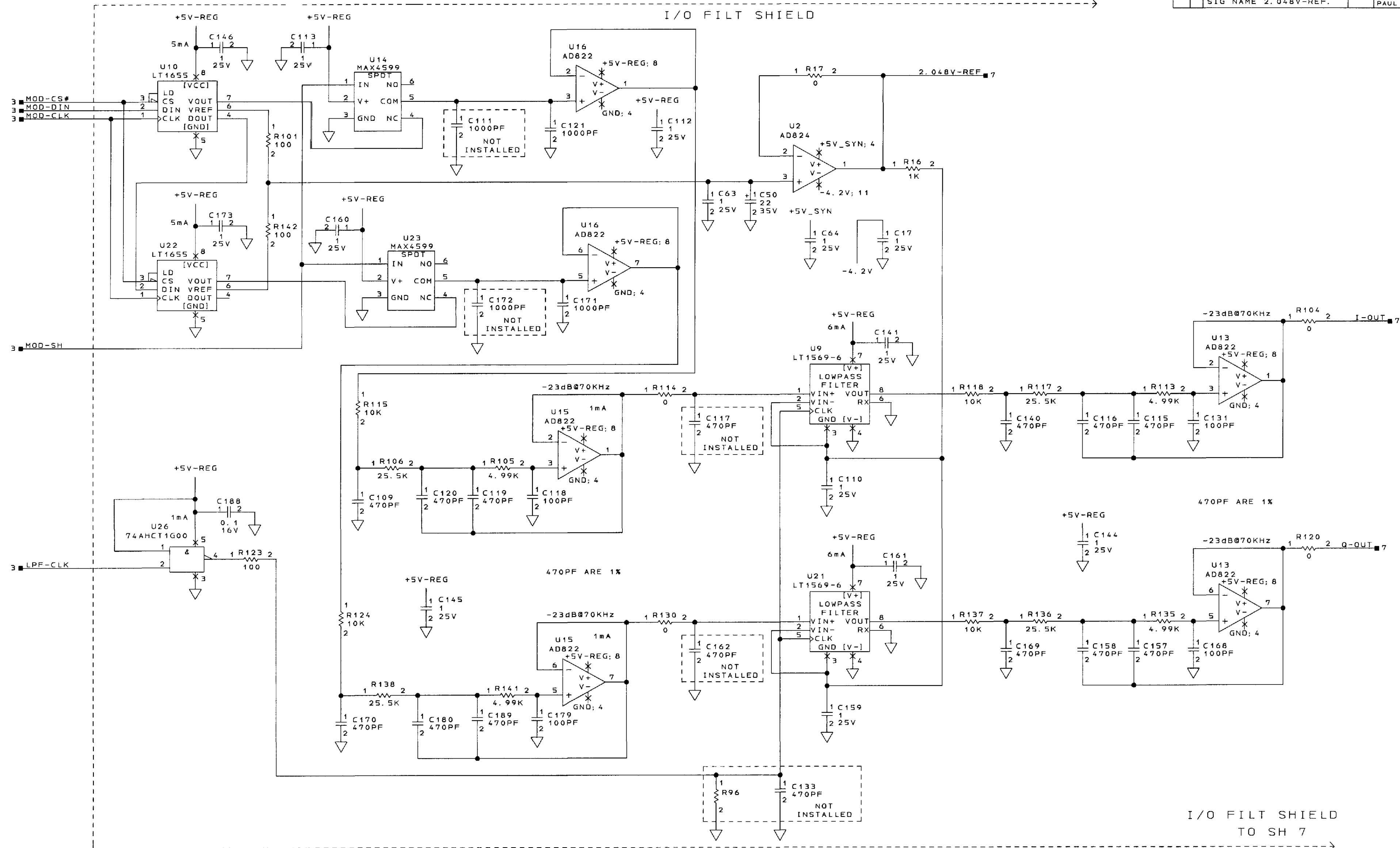


SYNTHESIZER VCO'S/BUFFER AMPS
SCHEMATIC DIAGRAM SHEET NO. 5

COMPUTER GENERATED

5-2-2002 15:28	PAUL COBLENTZ	SIZE	CAGE CODE	DRAWING NO.	REV
Honeywell		E	55939	7026236-902	X0
SCALE		SHEET		9	

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
XD	1	REFDES R17, PIN 2 WAS CONN TO REFDES R16, PIN 1 AND REFDES U2, PIN 1 ONLY. REFDES R16, PIN 2, REFDES U9 AND U21, PIN 2 AND 3 WAS CONN TO SIG NAME 2.048V-REF.	PAUL C.



IQ DAC'S/IQ FILTERING
SCHEMATIC DIAGRAM SHEET NO. 6

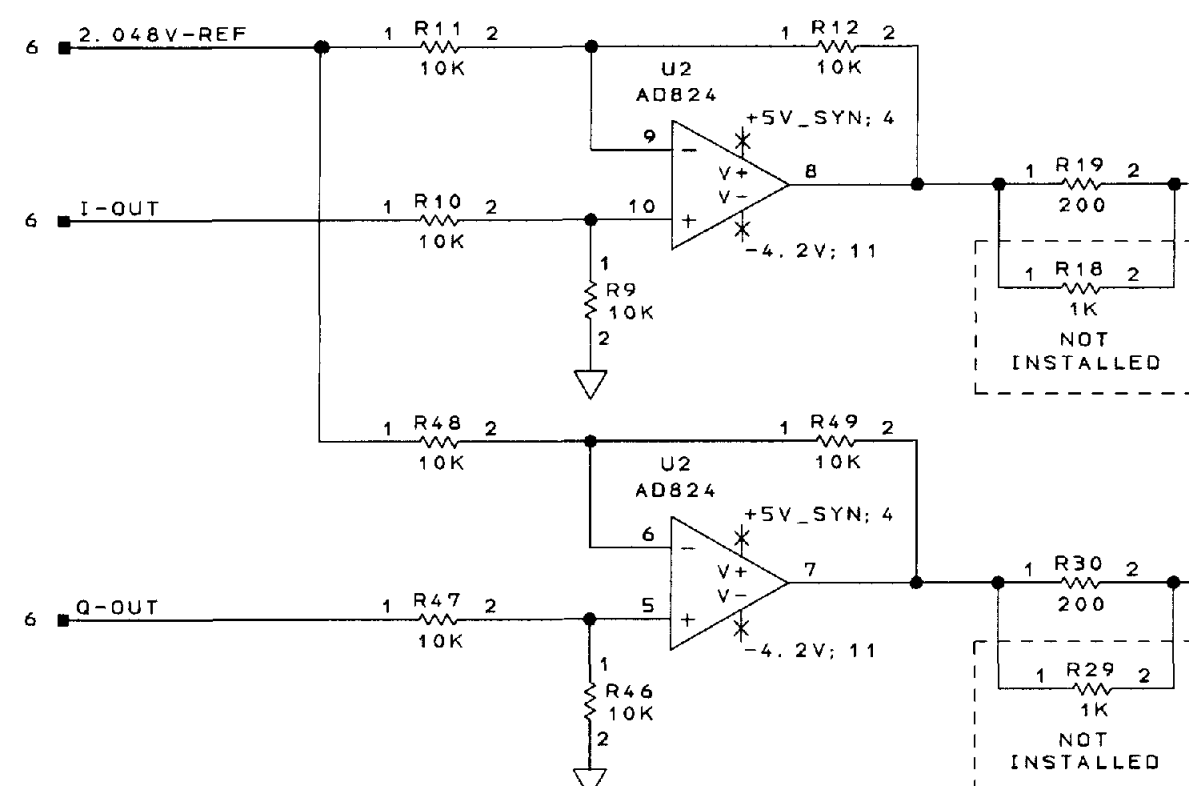
COMPUTER GENERATED

5-2-2002 15:28	PAUL COBLENTZ	SIZE	CAGE CODE	DRAWING NO.	REV
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.	E	55939	7026236-902	XD
SCALE				SHEET	10

7026236-902 10
DATE/TIME

REVISIONS						
ZONE	REV	DESCRIPTION			DATE	APPROVED
	XD	REFDES CR10, CR9, CR1; GENERIC TYPE WAS HSMP3800, PN WAS 7500361-100. REFDES R5; PN WAS 7022518-223, VAL WAS 17.4. REFDES R1, R4 WAS INSTALLED; PN WAS 7022518-341.				PAUL C.
		PARTS LIST DATA BASE CHANGE ONLY.				H. MOREAU
		XE				

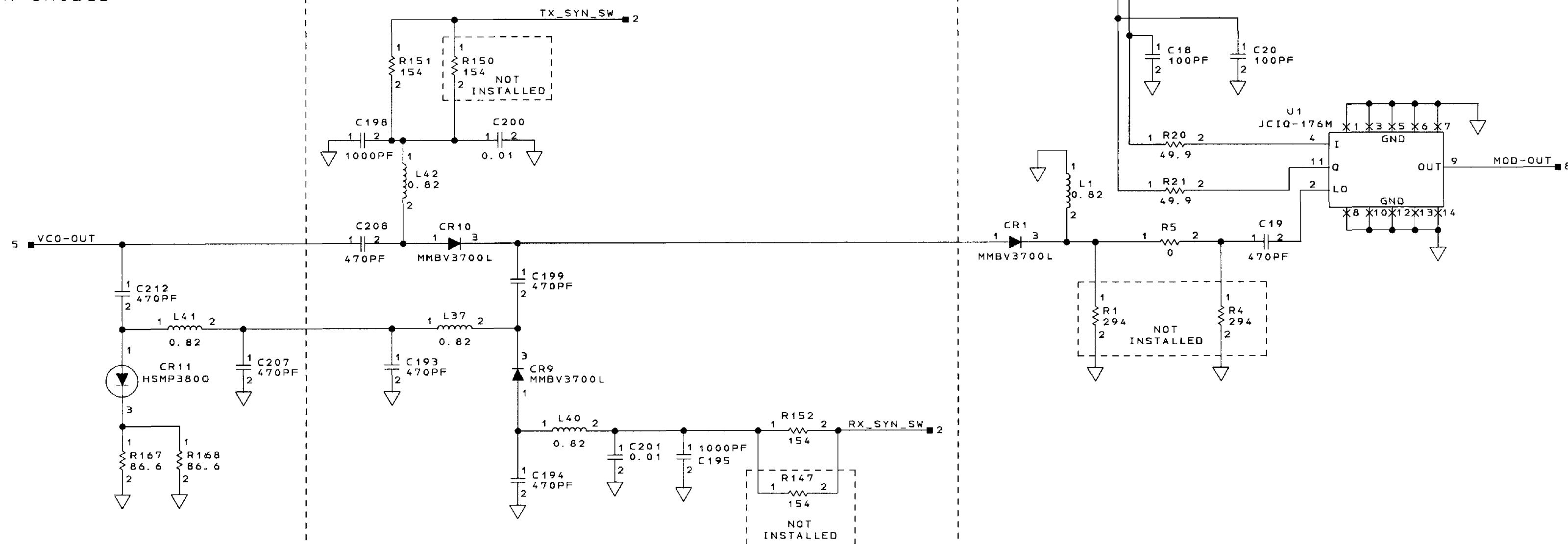
I/Q FILT SHIELD
SH6



SYNTHESIZER SHIELD
SH4 & SH5

SWITCH SHIELD

MODULATOR SHIELD

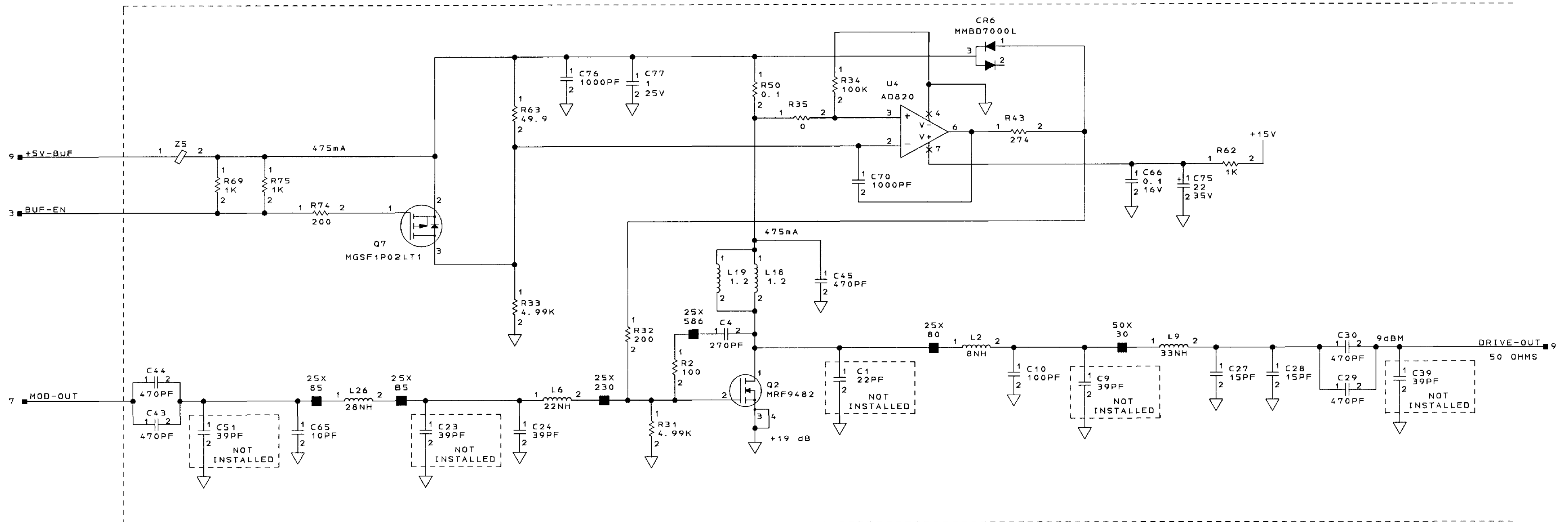


DIVIDE BY 2/VECTOR MODULATOR
SCHEMATIC DIAGRAM SHEET NO. 7

COMPUTER GENERATED

5-2-2002 15:28	PAUL COBLENTZ	SIZE	E	FACE CODE	55939	DRAWING NO.	7026236-902	REV	XE
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.		SCALE		SHEET 11		DATE/TIME	

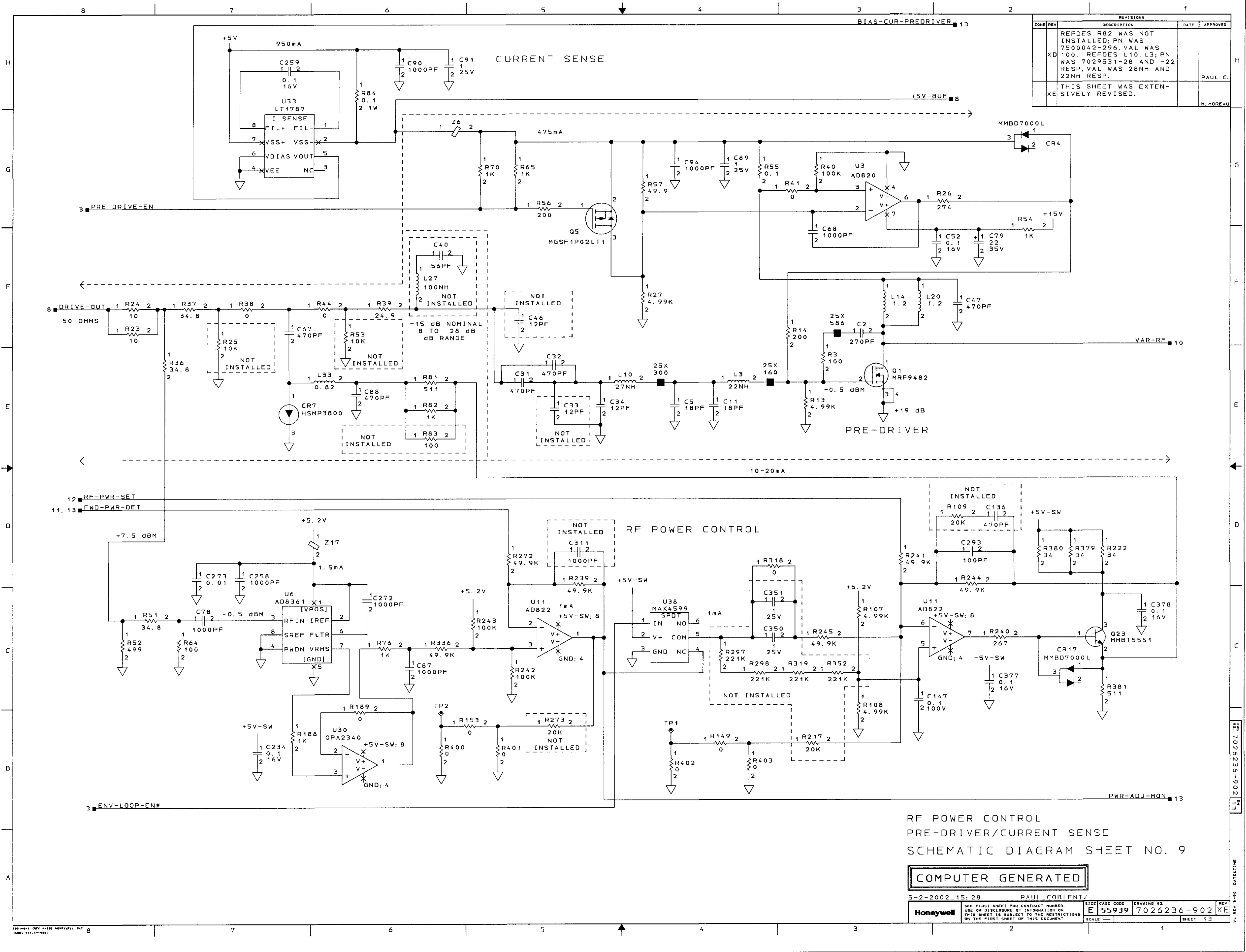
REV		REVISIONS		DATE	APPROVED
ZONE	REV	DESCRIPTION			
		REFDES C10; PN WAS 7022904-820, VAL WAS X0 82PF. REFDES L9; PN WAS 7029531-28, VAL WAS 28NH.			PAUL C.



3 RF BUFFER AMPS/LOW PASS FILTER
SCHEMATIC DIAGRAM SHEET NO. 8

COMPUTER GENERATED

5-2-2002, 15:28	PAUL COBLENTZ	SIZE	CAGE CODE	DRAWING NO.	REV
Honeywell		E	55939	7026236-902	X0
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.		SCALE		SHEET	12

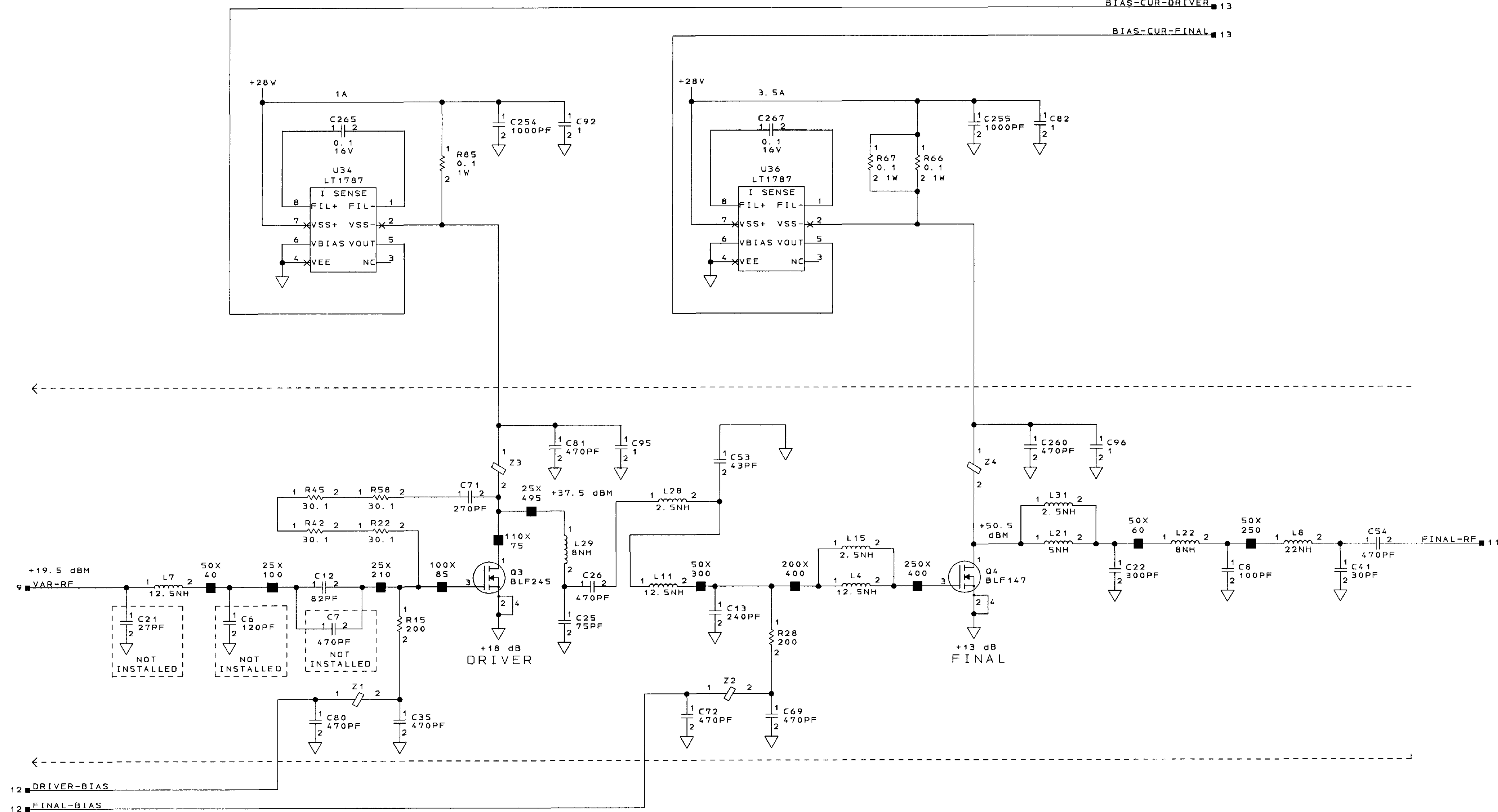


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
		REFDES C35; PN WAS 7011730-509, VAL WAS 470PF. REFDES C53; PN WAS 7015930-164, VAL WAS 56PF. REFDES L22; PN WAS 7021364-2, VAL WAS 5NH.		PAUL C.
E5	XE	REF DES C53 VALUE WAS 33PF. ADDED P/N TO Z3 AND Z4.		M. MOREAU

CURRENT SENSE

BIAS-CUR-DRIVER 13

BIAS-CUR-FINAL 13



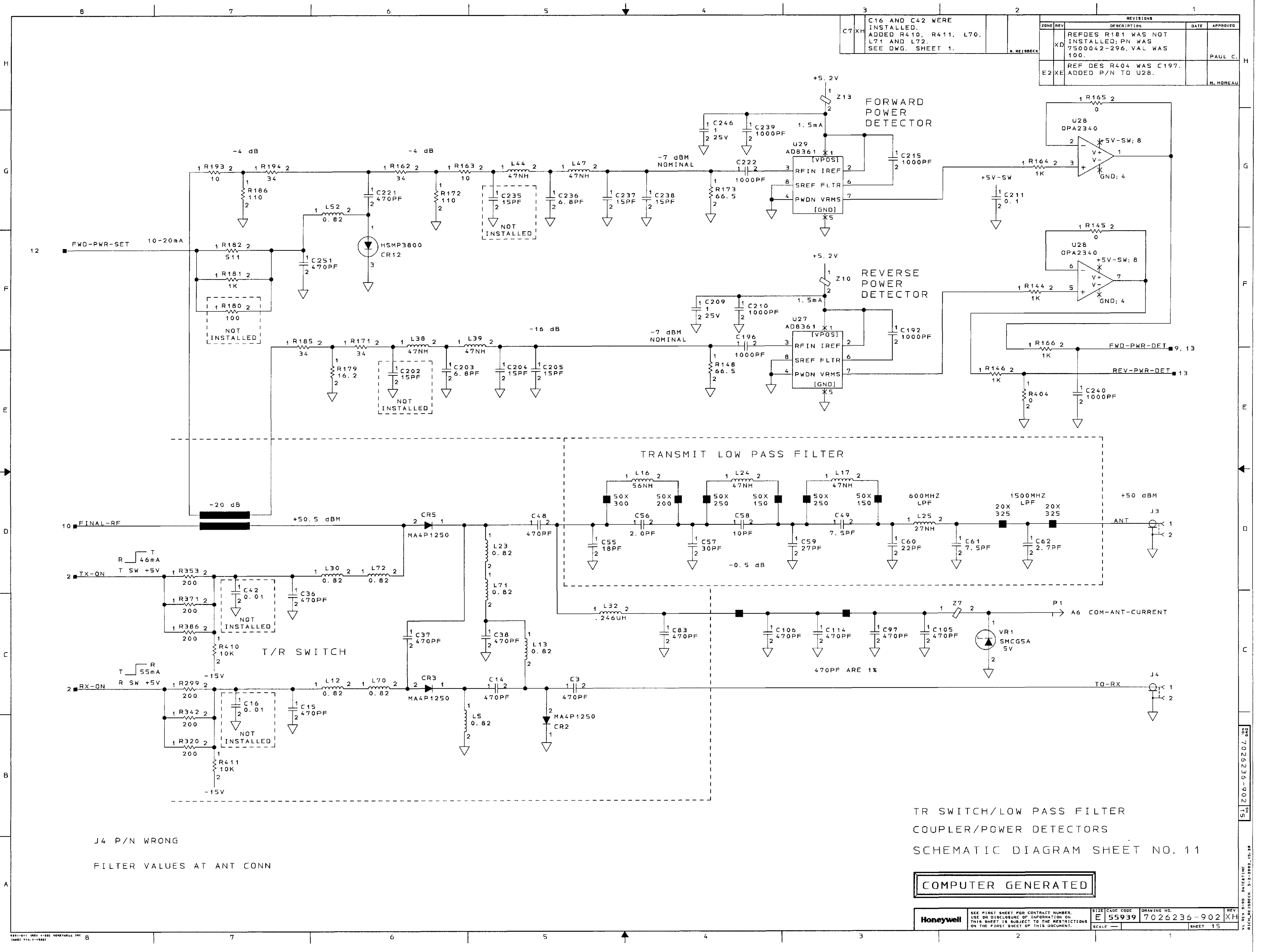
DRIVER/FINAL/CURRENT SENSE
SCHEMATIC DIAGRAM SHEET NO. 10

COMPUTER GENERATED

5-2-2002 15:28	PAUL COBLENTZ	SIZE	CAGE CODE	DRAWING NO.	REV
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.	E	55939	7026236-902	XE
		SCALE			SHEET 14

NO 7026236-002 14

REV 14



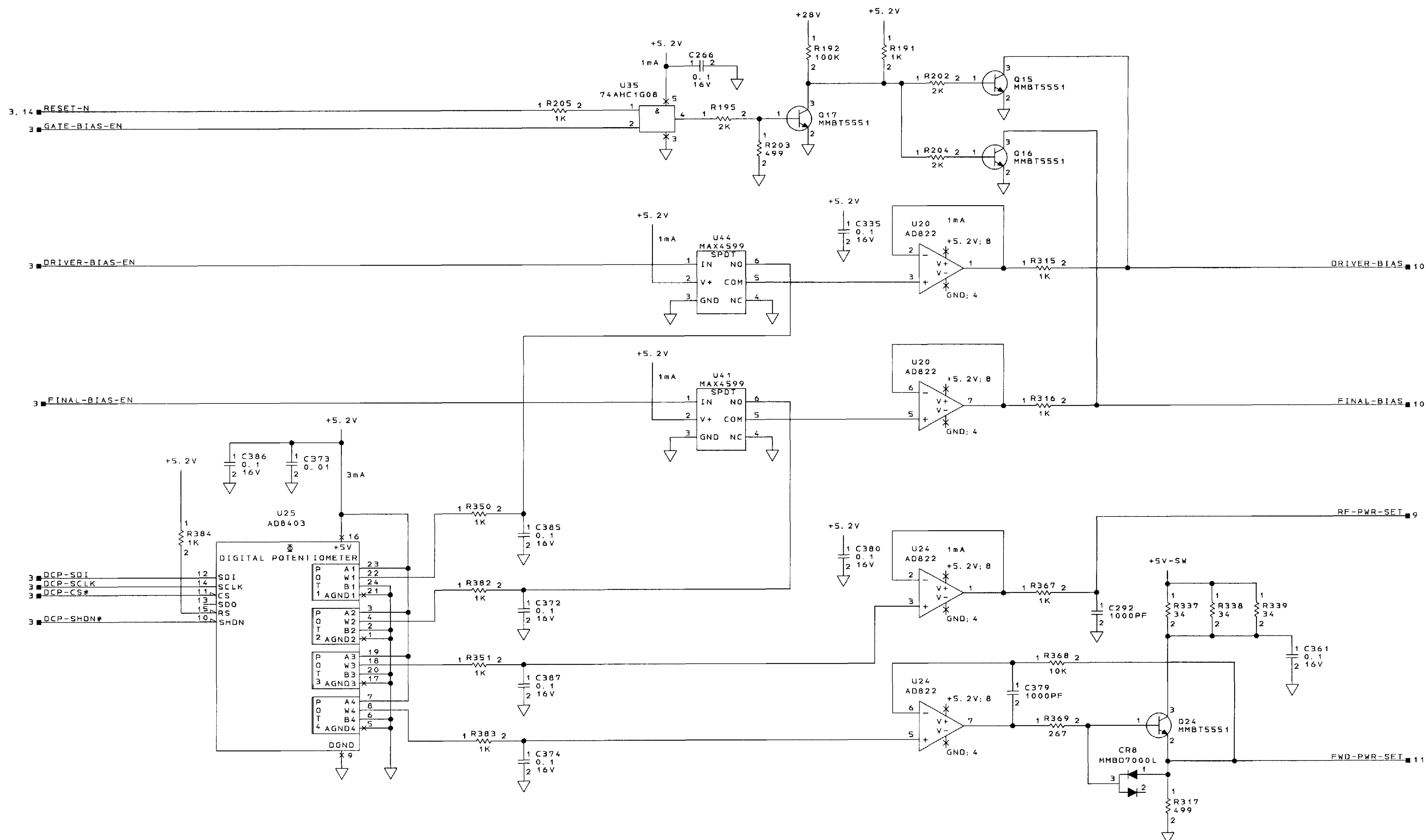
J4 P/N WRONG
FILTER VALUES AT ANT CONN

TR SWITCH/LOW PASS FILTER
COUPLER/POWER DETECTORS
SCHEMATIC DIAGRAM SHEET NO. 11

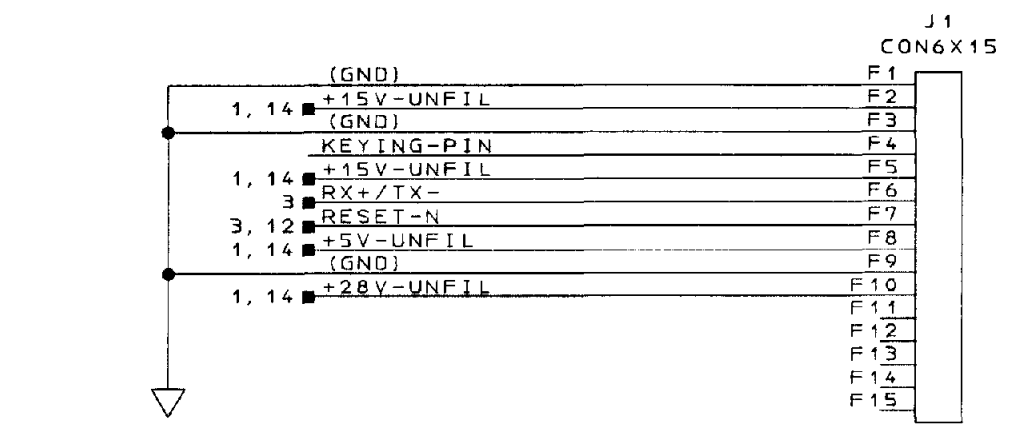
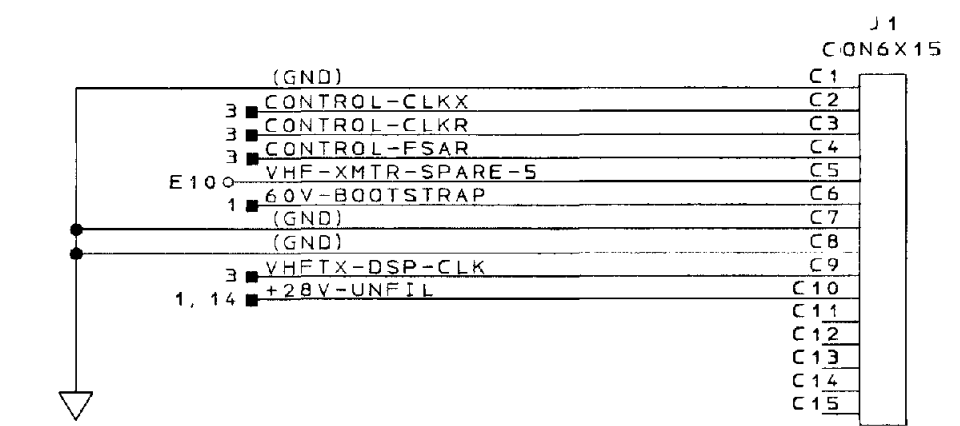
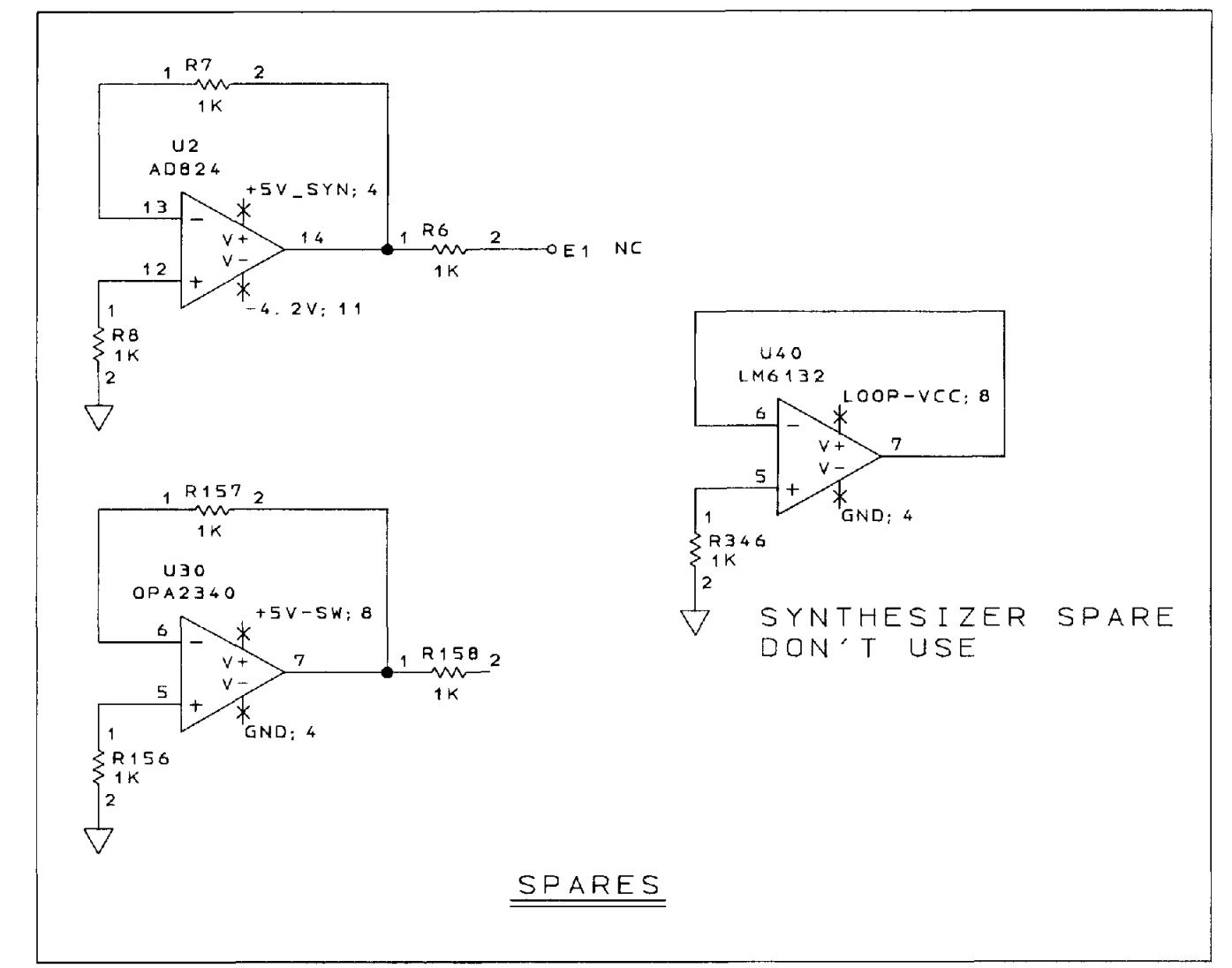
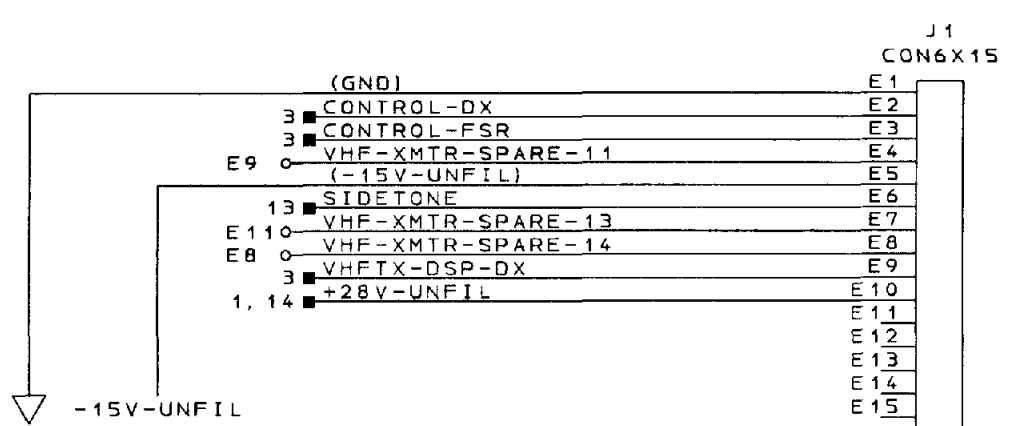
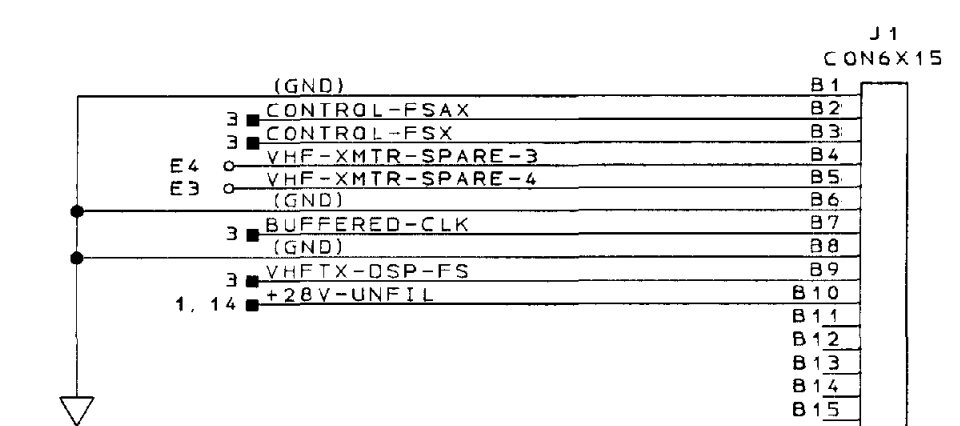
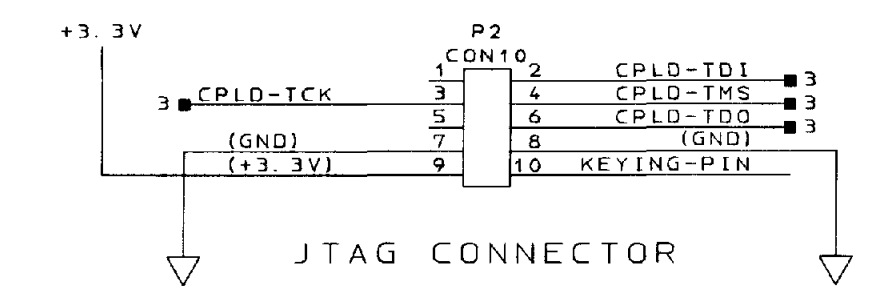
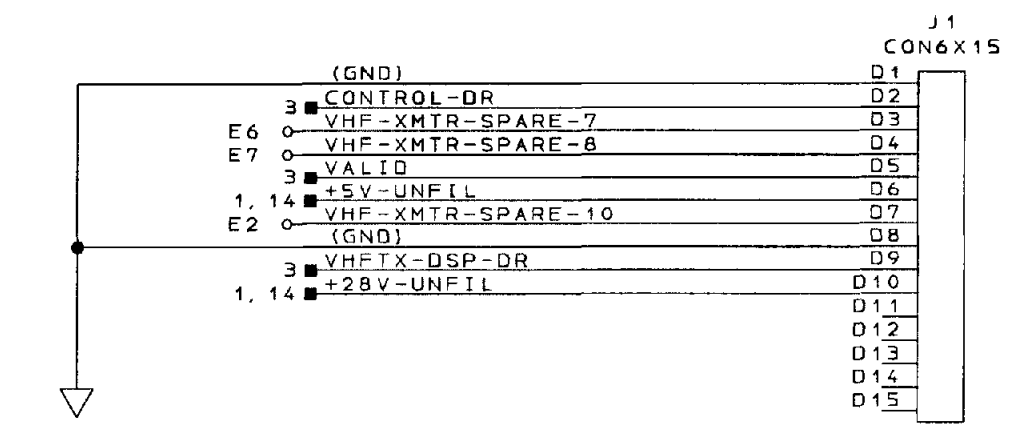
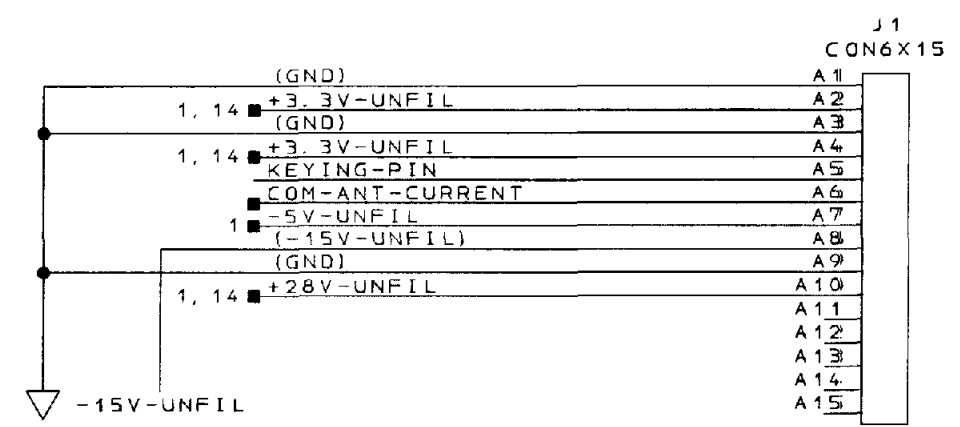
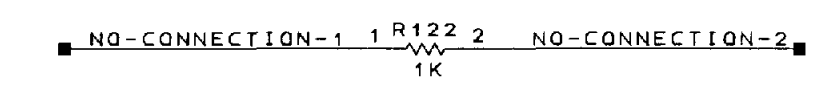
COMPUTER GENERATED

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	7026236-902	XH
		SCALE —		SHEET 15	

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
		PARTS LIST DATA BASE	
		CHANGE ONLY.	
			M. MOREAU



ZONE		REV	DESCRIPTION	DATE	APPROVED
XH	J1-A8 AND J1-E5 WERE -15V. SEE DWG. SHEET 1.				
		REVISIONS			
XH		XE	PARTS LIST DATA BASE CHANGE ONLY.		M. MOREAU
		XF	REF DES J1 WAS P1.		M. MOREAU
XH		XG	PARTS LIST DATA BASE CHANGE ONLY.		M. MOREAU



CCA CONNECTOR

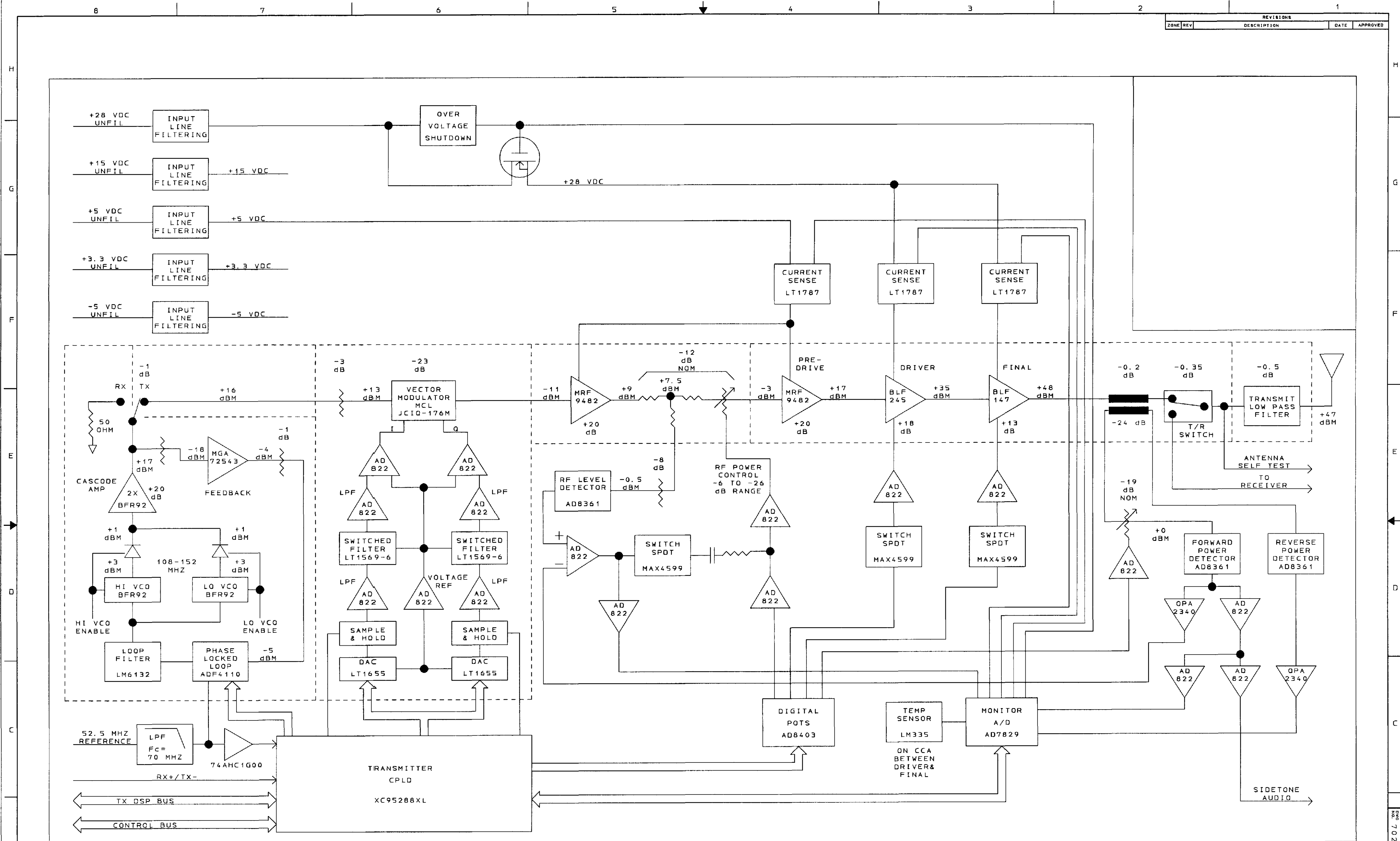
ADD OUTLINE/CODES

CONNECTOR PIN SUMMARY
AND SPARE COMPONENTS
CAD REFERENCE/REQUIREMENT
SCHEMATIC DIAGRAM SHEET NO. 14

COMPUTER GENERATED

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	7026236-902	XH
		SCALE	SHEET 18		

7026236-902 18
DATE: 5-2-2002 15:28
REV: 3-00 DATE: 5-2-2002 15:28
REV: 3-00 DATE: 5-2-2002 15:28



BLOCK DIAGRAM

SCHEMATIC DIAGRAM SHEET NO. 15

COMPUTER GENERATED