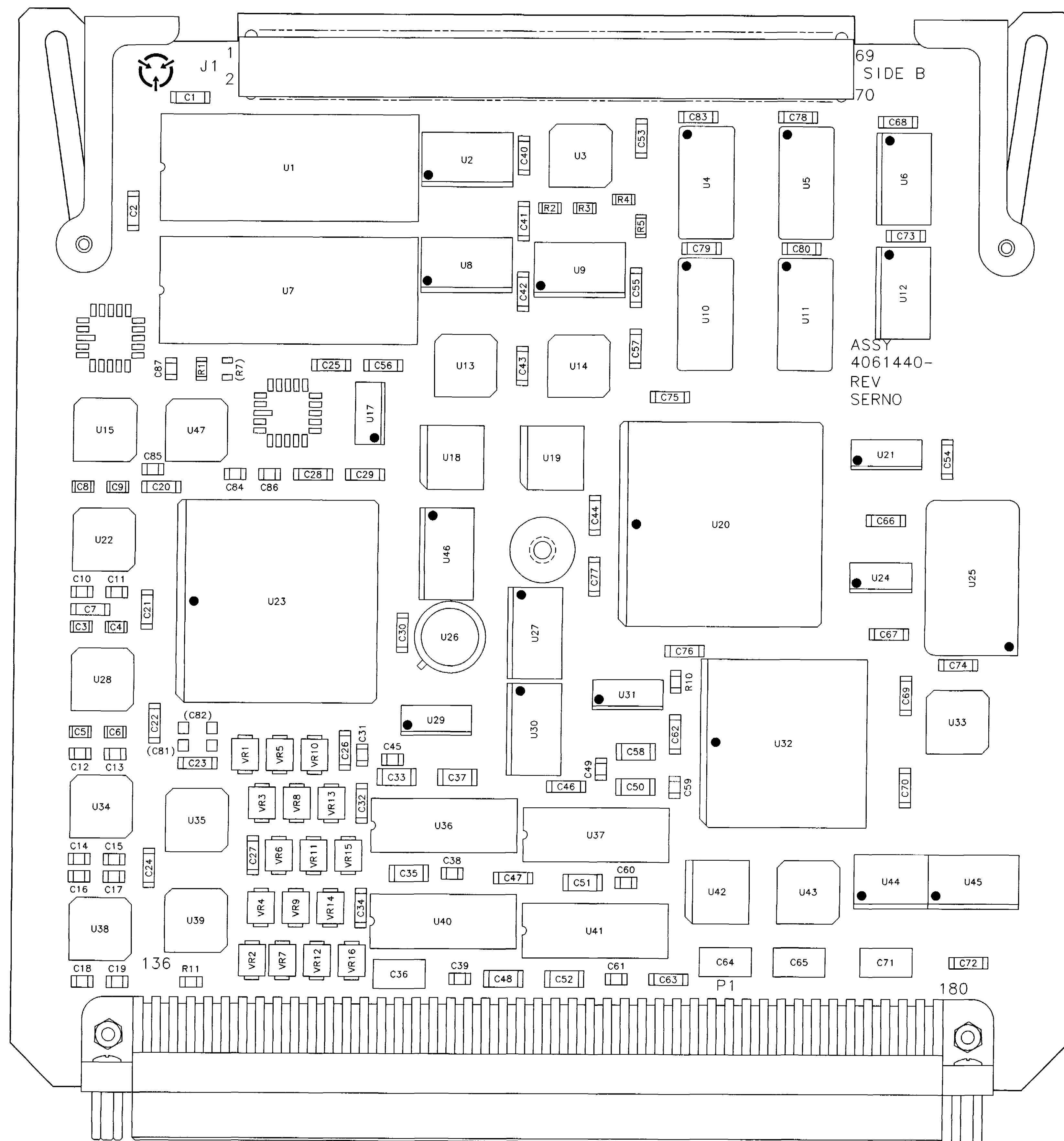


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NOTICE
FREEDOM OF INFORMATION ACT (5 USC 552) AND
DISCLOSURE OF CONFIDENTIAL INFORMATION GENERALLY
(18 USC 1905)

REVISIONS			
ZONE	REV	DESCRIPTION	DATE APPROVED
	C	MADE R7 PROVISIONAL. INCL CL11 CHGS MINOR PER NOC B95-04.	10257(NA)  B. EHLERS L. KEEFER BJS



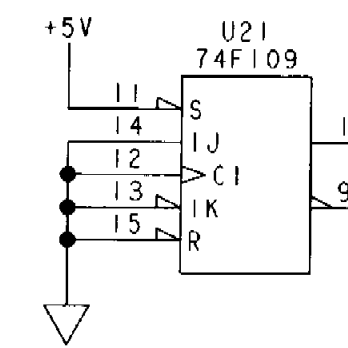
COMPONENT PLACEMENT DIAGRAM

-ATTENTION-
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REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

REF DES	GND	+5V	+15V	-15V	VMEM
U1	14				28
U2	10	20			
U3		20			
U4	12	24			
U5	12	24			
U6	10	20			
U7	14				28
U8	10	20			
U9	10	20			
U10	12	24			
U11	12	24			
U12	10	20			
U13	10	20			
U14	10	20			
U15		20			
U17	7	14			
U18	10	20			
U19	10	20			
U20	1, 7, 22	21, 45			
U20	44, 58	65, 84			
U20	64, 72				
U20	78				
U21	8	16			
U22	14	9	11	1	
U23	10, 28	11, 29			
U23	42, 56	43, 57			
U23	74	75			
U24	7	14			
U25	7	14			
U26	4	8			
U27	10	20			
U28	14	9	11	1	
U29	5		13	4	
U30	10	20			
U31	5		13	4	
U32	10, 28	9, 27			
U32	33, 45	44, 61			
U32	62	65			

REF DES	GND	+5V	+15V	-15V	VMEM
U33		20			
U34	14	9	11	1	
U35					
U36	8	16	9	7	
U37	8	16	9	7	
U38	14	9	11	1	
U39					
U40	8	16	9	7	
U41	8	16	9	7	
U42	10	20			
U43		20			
U44	8	16			
U45	10	20			
U46	10	20			
U47	14	9	11	1	

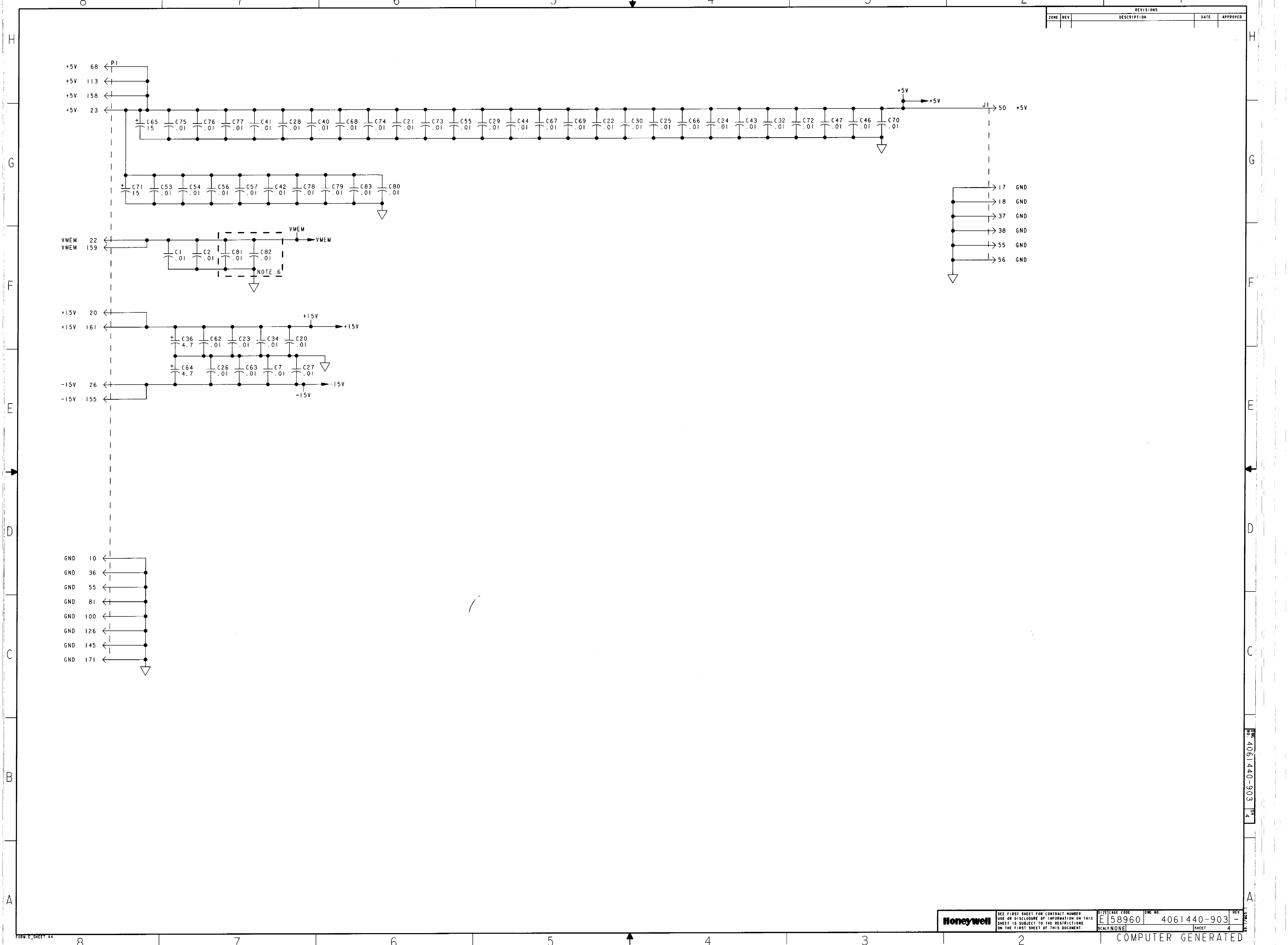


SPARES

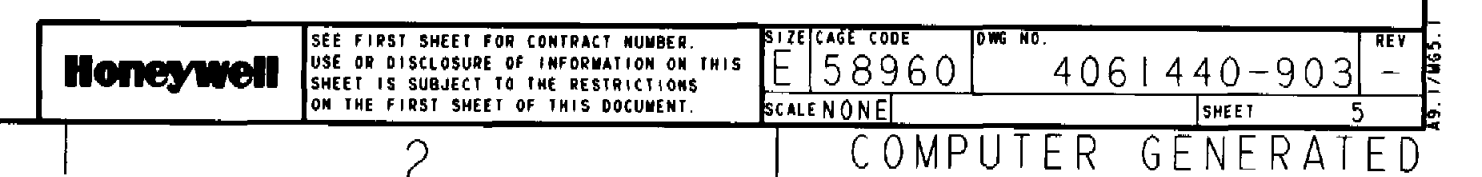
J1	39	J1_39
	54	J1_54
	57	J1_57
	58	J1_58
	60	J1_60
	62	J1_62
	65	J1_65

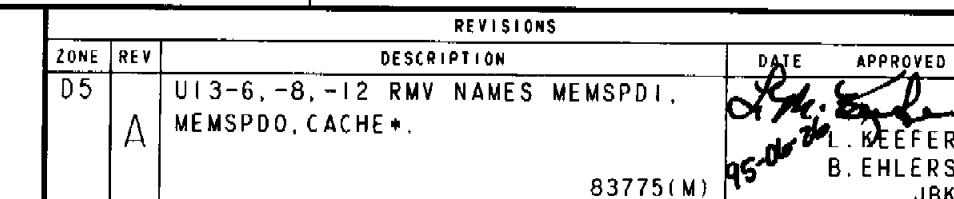
	19	P1	19
	21	P1	21
	24	P1	24
	25	P1	25
	27	P1	27
	37	P1	37
	65	P1	65
	72	P1	72
	83	P1	83
	84	P1	84
	87	P1	87
	91	P1	91
	92	P1	92
	93	P1	93
	94	P1	94
	95	P1	95
	96	P1	96
	97	P1	97
	98	P1	98
	110	P1	110
	116	P1	116
	129	P1	129
	137	P1	137

- NOTES :
- UNLESS OTHERWISE SPECIFIED
1. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
 2. ALL RESISTANCE VALUES ARE IN OHMS.
 3. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR COMPLETE DESIGNATIONS PREFIX PART DESIGNATION WITH SUBASSEMBLY DESIGNATION.
 4. INTERPRET DRAWING PER ANSI Y32.2-1975 AND ANSI/IEEE STD 991-1986. LOGIC SYMBOLS CONFORM TO ANSI/IEEE 91-1984.
 5. FOR POWER AND GROUND PINS NOT SHOWN ON SCHEMATIC SEE TABLE I.
 6. PROVISIONAL COMPONENTS ARE SHOWN FOR REFERENCE ONLY.
 7. REMOVE RESISTOR BEFORE PROGRAMMING AND REPLACE WHEN PROGRAMMING IS COMPLETED.



REVISIONS			
ZONE	REV	DESCRIPTION	DATE

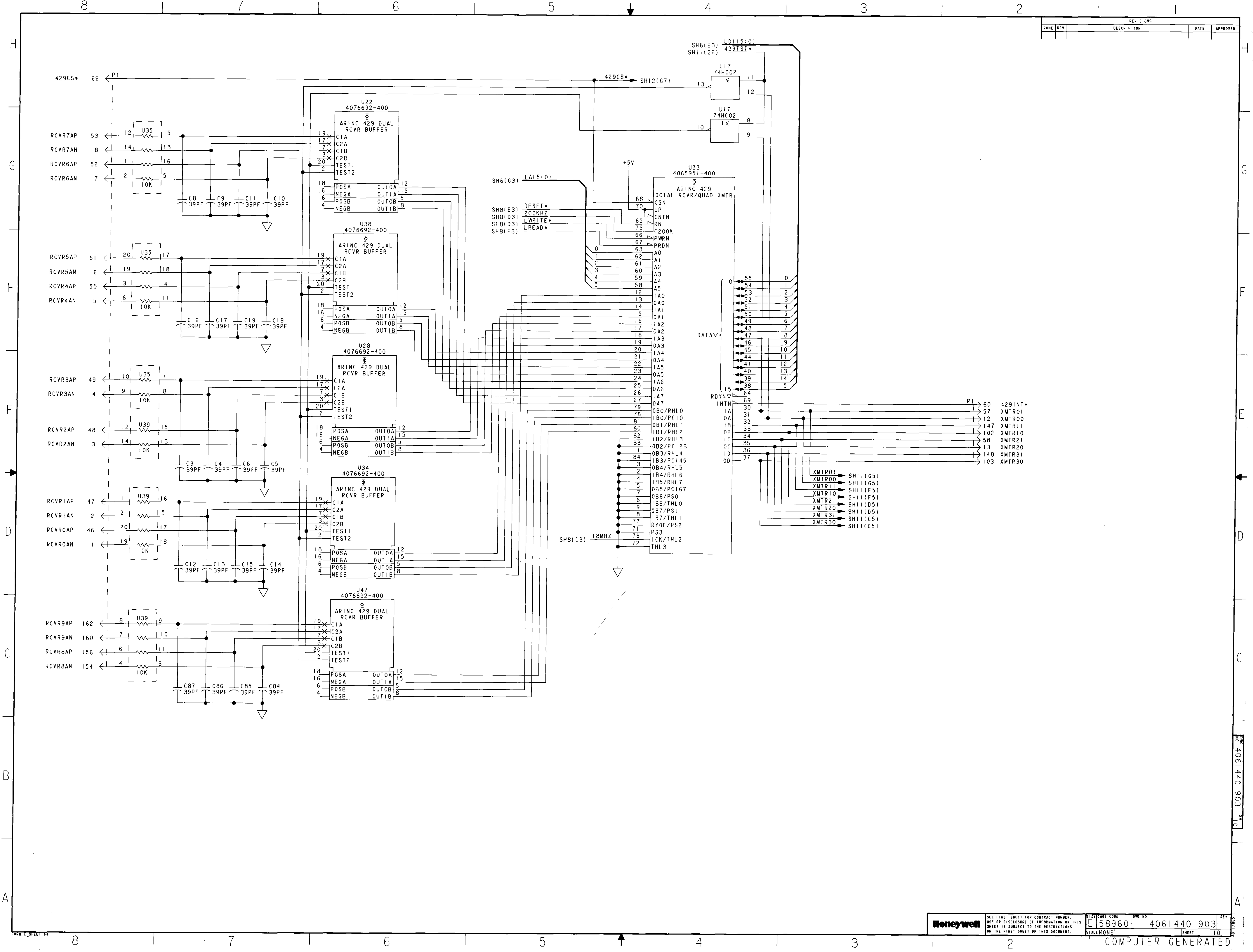




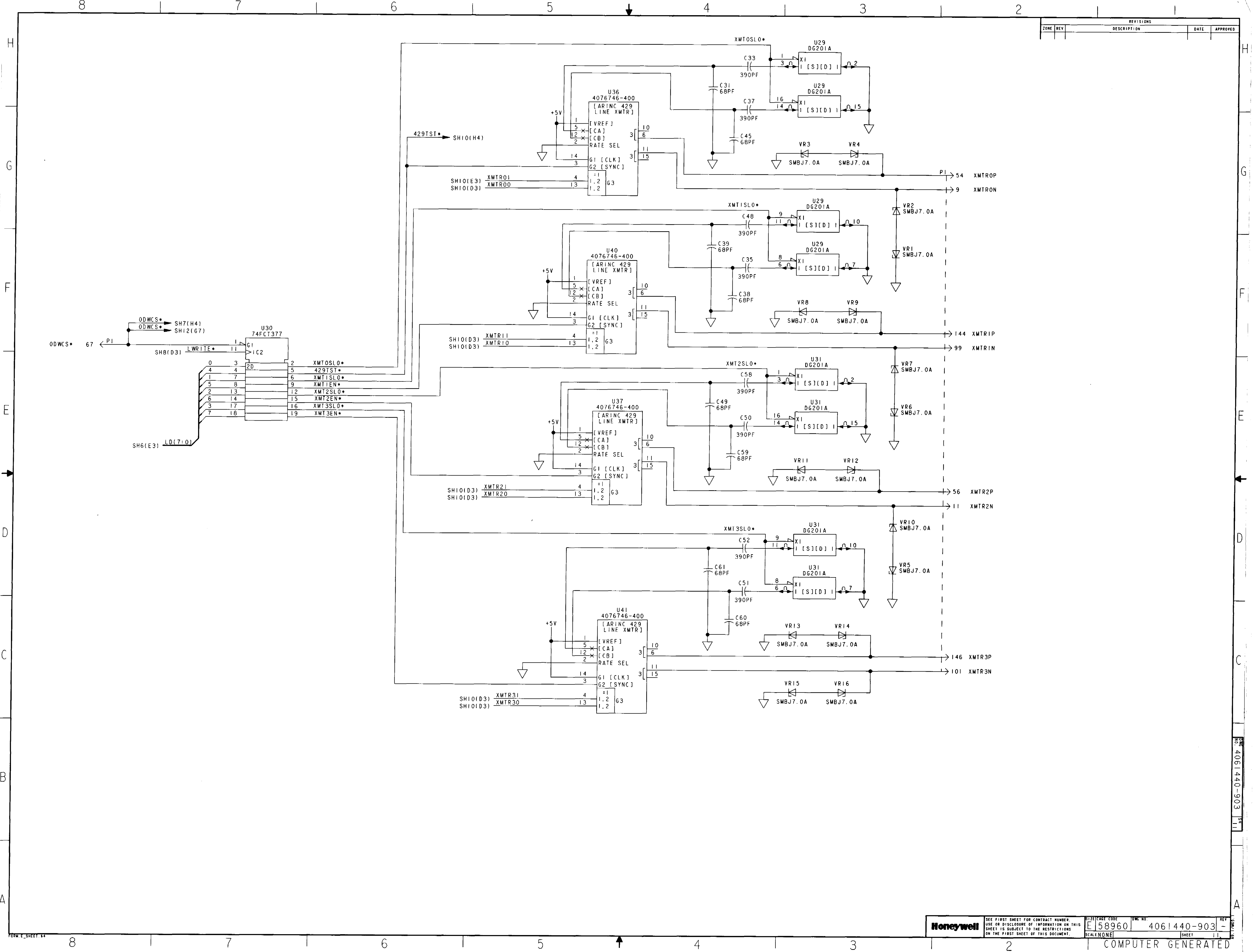




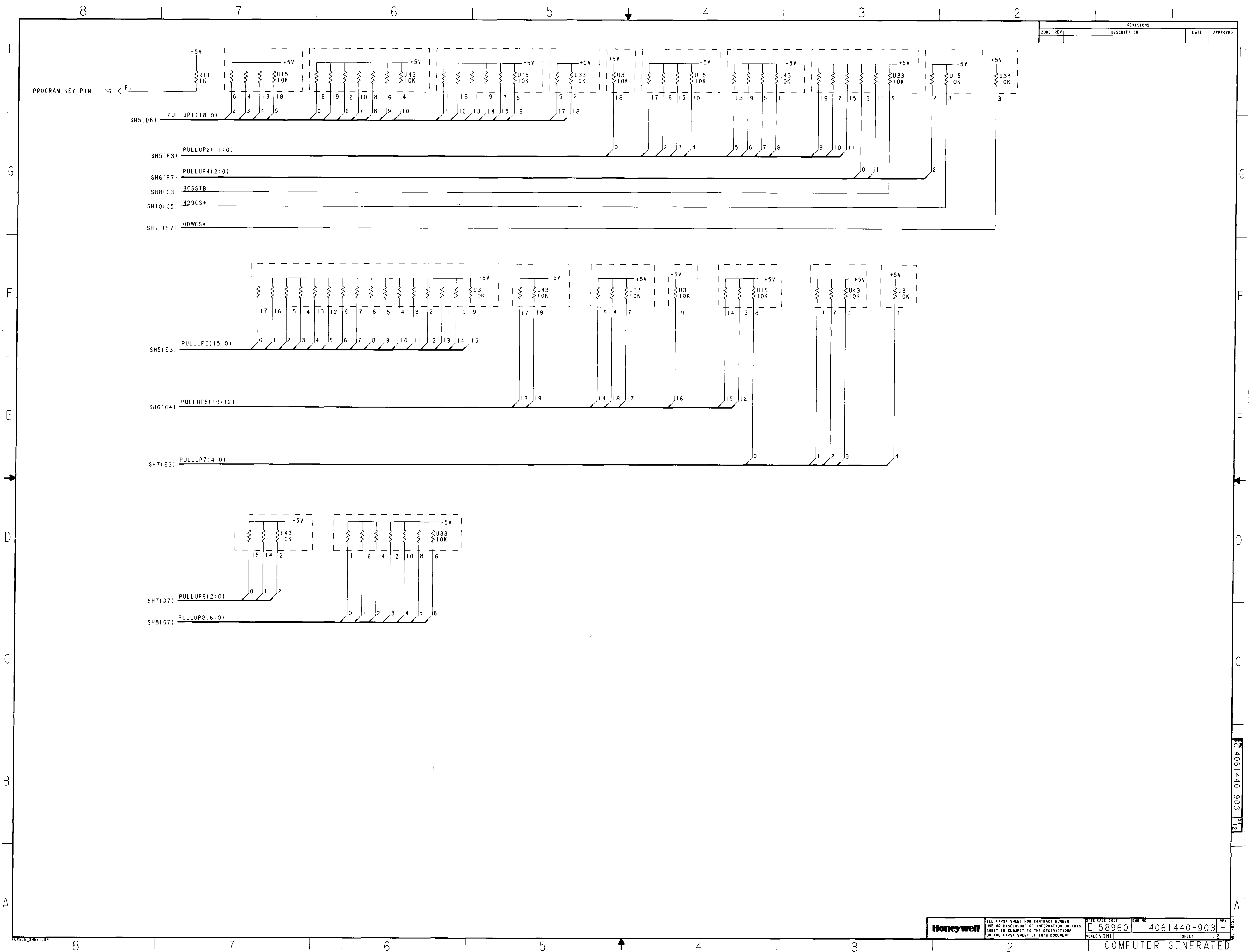
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
F7	C	R7 ADD PROV. BOX AND NOTE 6. INCL CL 11 CHNG MINOR PER NOC B95-04.	10/25/78	 W. L. KEEFER B. EHLERS JRK

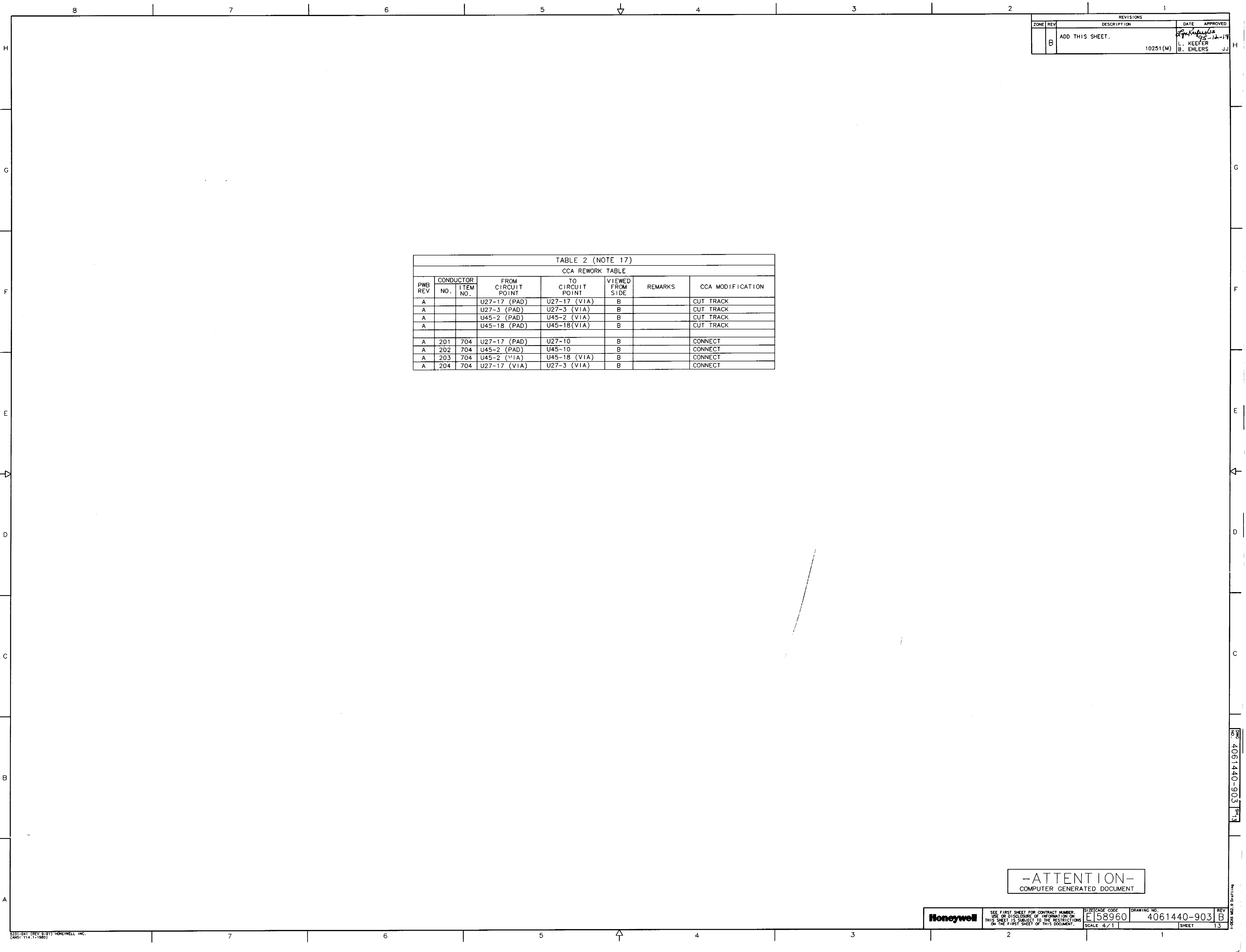


ZONE		REV	REVISIONS		DATE	APPROVED



REVISIONS		DATE	APPROVED
ZONE	REV		





ZONE		REV	REVISIONS		DATE	APPROVED
			DESCRIPTION			
		B	ADD THIS SHEET.		10251(M)	L. KEEPER B. EHLERS JJ

TABLE 2 (NOTE 17)							
CCA REWORK TABLE							
PWB REV	CONDUCTOR NO.	ITEM NO.	FROM CIRCUIT POINT	TO CIRCUIT POINT	VIEWED FROM SIDE	REMARKS	CCA MODIFICATION
A			U27-17 (PAD)	U27-17 (VIA)	B		CUT TRACK
A			U27-3 (PAD)	U27-3 (VIA)	B		CUT TRACK
A			U45-2 (PAD)	U45-2 (VIA)	B		CUT TRACK
A			U45-18 (PAD)	U45-18(VIA)	B		CUT TRACK
A	201	704	U27-17 (PAD)	U27-10	B		CONNECT
A	202	704	U45-2 (PAD)	U45-10	B		CONNECT
A	203	704	U45-2 (VIA)	U45-18 (VIA)	B		CONNECT
A	204	704	U27-17 (VIA)	U27-3 (VIA)	B		CONNECT

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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
E 58960
SCALE 4/1

DRAWING NO.
4061440-903
SHEET 13

REV
B