

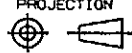
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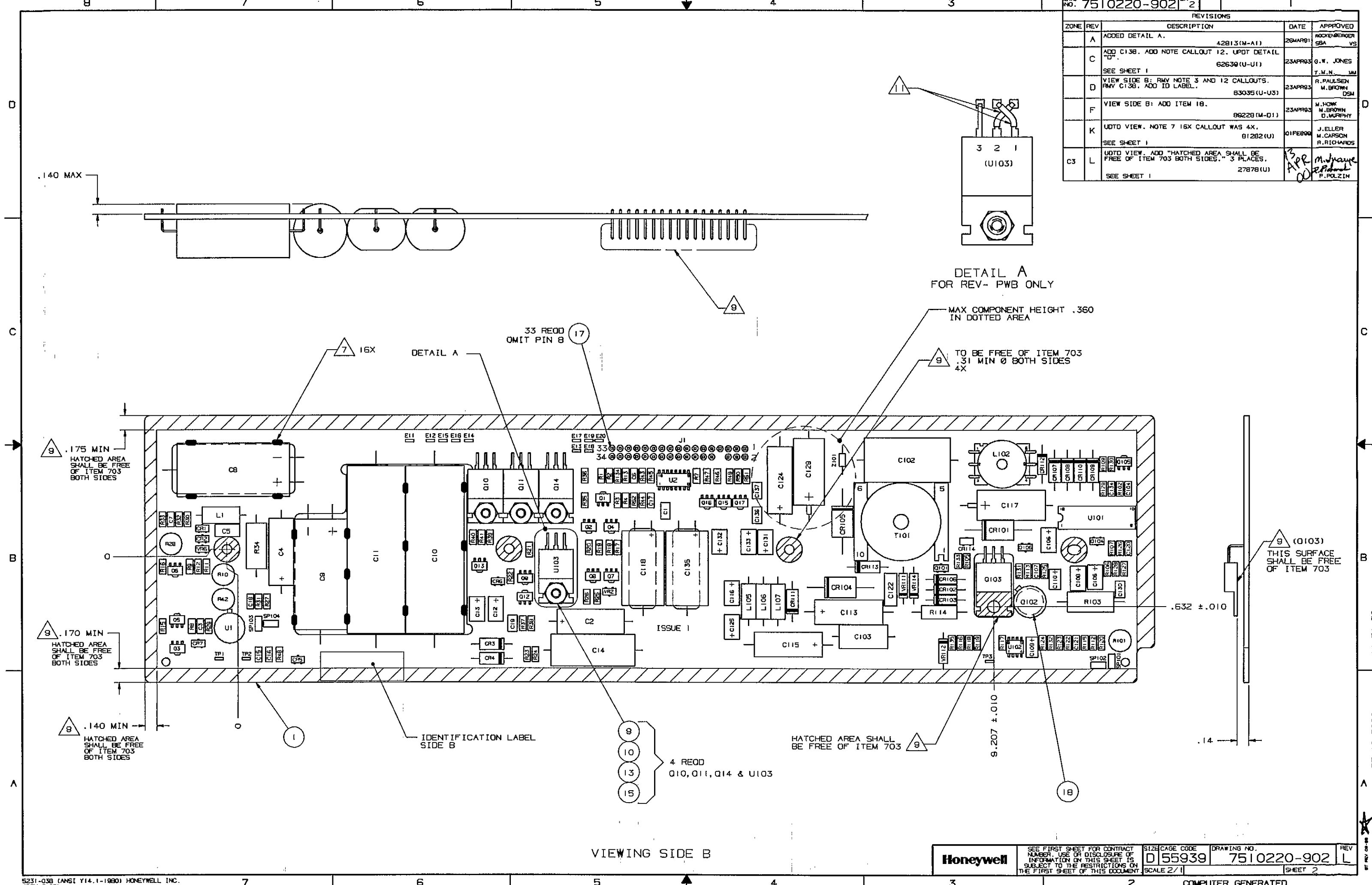
NOTES:

- SOME COMPONENTS ARE SHOWN OVERSIZED TO PROVIDE SPACE FOR REFERENCE DESIGNATORS.
- ASSEMBLE AND SOLDER PER ITEM 705.
-  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.
- MAXIMUM COMPONENT HEIGHT: .465, UNLESS OTHERWISE SPECIFIED.
- COMPONENT LEAD PROTRUSION SHALL BE .060 MAXIMUM: BARE COPPER PERMISSIBLE ON COMPONENT LEADS AT TRIMMED SURFACES.
-  SECURE C8 THRU C11, C2, C4, C14, C102, C103, C113, C115, C117, C118, C124, C129, AND C135 TO ITEM 1 USING ITEM 701.
-  COAT BOTH SIDES OF ASSEMBLY WITH ITEM 703 MASK ALL E'S, ADJUSTMENT SCREWS OF VARIABLE COMPONENTS, Q103 AS NOTED, HATCHED AREAS NOTED AND ITEM 17 .06 MAX FROM TOP OF ITEM 1.
- BEFORE CLEANING C8, C9, C118 AND C135 REFER TO PART DRAWING FOR ACCEPTABLE CLEANING SOLVENTS.
-  SLEEVE WITH ITEM 706.

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

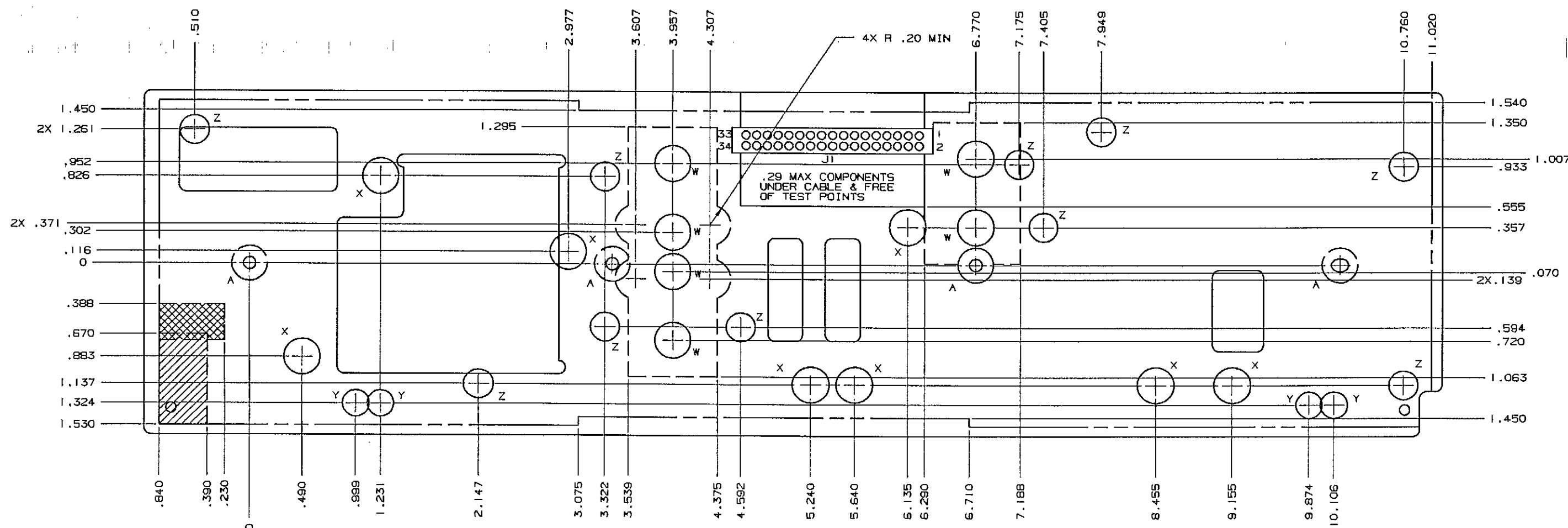
		49 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1																				J H L L L REV SHEET INDEX		CONTRACT DM-850		OPERATIONAL NOTE							
		FOR HONEYWELL REFERENCE																				INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1982		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES: TOLERANCES: ANGLES ± 1°		2 PL DEC ± .01 3 PL DEC ± .005		DRAWN BY V. SZWEZ DATE 11 JUN 80		SIMILAR ASSEMBLY			
		MFG REF NO.																				MATL-PROCESS-FINISH		MILITARY DESIGNATION		PROCESS, FINISH, SEE 00.40.		ITEM CODE (PER 88698384)		CHECKED BY S. ARNTZ DATE 11 JUN 80		Honeywell COMMERCIAL FLIGHT SYSTEMS GROUP PHOENIX, ARIZONA	
		DPA NO. R-1332																				MATL						THIRD ANGLE PROJECTION		APVD FOR MFG P. BESSER DATE 11 JUN 80		TITLE	
		PRODUCT LINE NO. 3884																												APVD FOR ENG T. EUROPA DATE 11 JUN 80		CIRCUIT CARD ASSEMBLY-DME MOD P/S	
		AW/PS ANALYSIS EB 7510800																										APVD FOR ENG ROCKENBERGER DATE 11 JUN 80		SIZE/CAGE CODE DRAWING NO.			
		REF DWG REF SPEC																										APVD FOR		D 55939 7510220-902 L			
																												FIRST USED ON 7510100		SCALE UNIT WT SHEET 1 OF 5			
																														COMPUTER GENERATED			
7510184		7510100																															
NEXT ASSY		USED ON (SYS)																															
APPLICATION																																	

DWG NO. 7510220-902		SH 2	1		
REVISIONS					
ZONE	REV	DESCRIPTION	DATE	APPROVED	
	A	ADDED DETAIL A. 42813(M-A1)	26MAR81	ROCKENBERGER SEA	VS
	C	ADD C138. ADD NOTE CALLOUT 12. UPDT DETAIL "D". 62639(U-U1)	23APR83	G.W. JONES T.W.N. MM	
	D	VIEW SIDE B: RMY NOTE 3 AND 12 CALLOUTS. RMY C138. ADD ID LABEL. 63035(U-U3)	23APR83	R. PAULSEN M. BROWN DSM	
	F	VIEW SIDE B: ADD ITEM 18. 89228(M-D1)	23APR83	M. HOWE M. BROWN D. MURPHY	
	K	UOTO VIEW. NOTE 7 16X CALLOUT WAS 4X. 81282(U)	01FEB89	J. ELLER M. CARSON R. RICHARDS	
C3	L	UOTO VIEW. ADD "HATCHED AREA SHALL BE FREE OF ITEM 703 BOTH SIDES." 3 PLACES. 27878(U)	13 APR 89	M. J. Hayes R. Richards P. POLZIN	
		SEE SHEET 1			



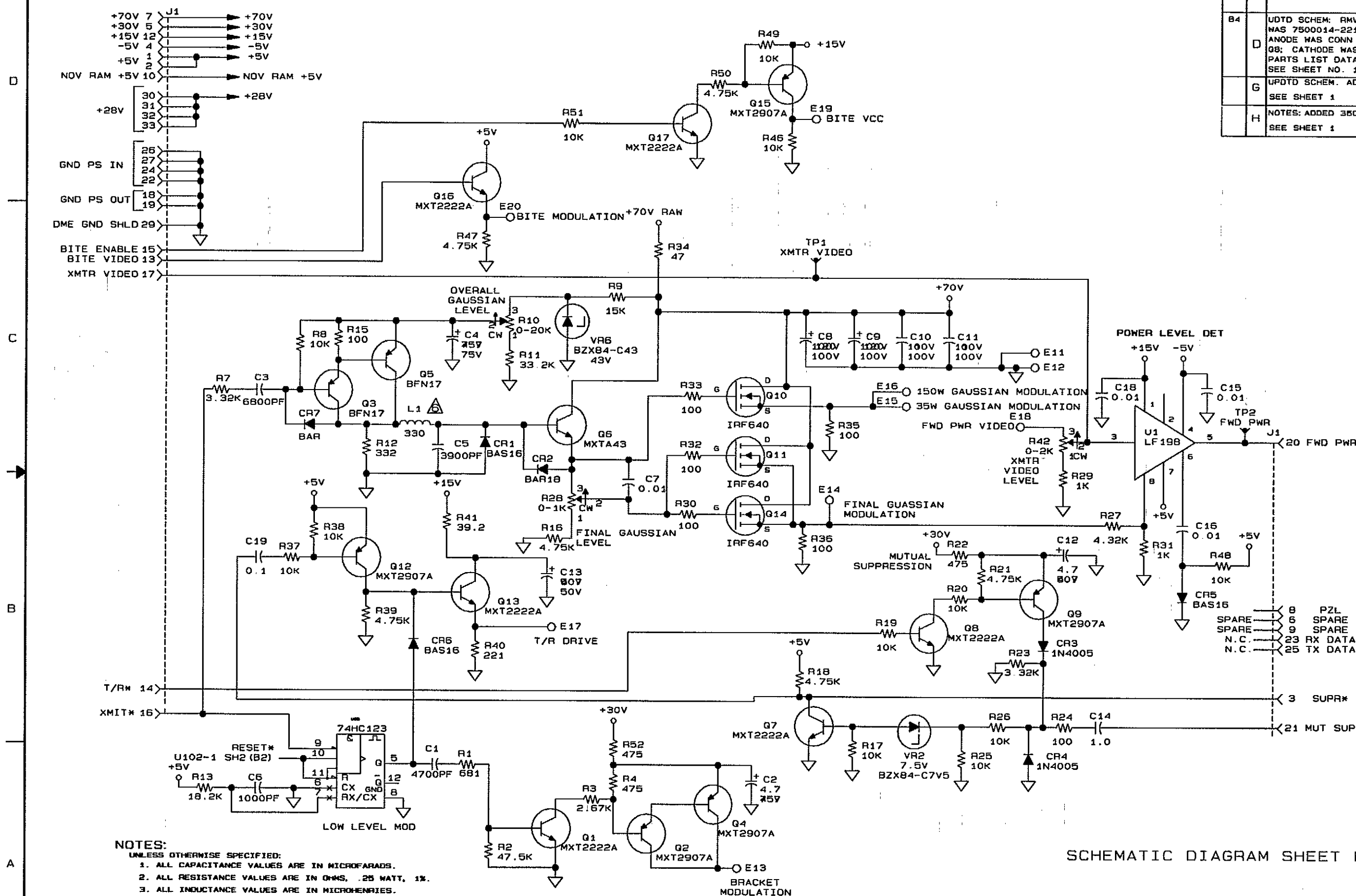
MAXIMUM COMPONENT HEIGHT

	SIZE	NONCONDUCTIVE OR GROUNDED CASE	CONDUCTIVE CASE
Ø MARKED W	Ø .273 MIN	.360	.310
Ø MARKED X	Ø .217 MIN	.094	.044
Ø MARKED X	Ø .325 MIN	.320	.270
Ø MARKED X	Ø .404 MIN	.370	.320
Ø MARKED Y	Ø .250 MIN	.390	.340
Ø MARKED Z	Ø .273 MIN	.420	.370
UNMARKED AREAS		.465	.415
HATCHED AREA		.360	
AREAS ENCLOSED IN DOTTED LINES ON SIDE B		.380	.330
CROSS HATCHED AREA & Ø .380 MIN MARKED A		FREE OF COMPONENTS	
FROM PHOTOM LINES TO EDGE OF PWB:		SIDE B SHALL BE FREE OF COMPONENTS AND FEED THURS SIDE A SHALL BE FREE OF COMPONENT LEADS, COMPONENTS AND FEED THURS	



VIEWING SIDE B
FOR DESIGN REFERENCE ONLY

DWG NO. 7510220-902		REV	DESCRIPTION	DATE	APPROVED
		REVISIONS			
ZONE	REV	DESCRIPTION			DATE
C		UPD TO SCHEM. ADDED C138, 82639 (U) SEE SHEET 1			23 APR 93
B4	D	UPD TO SCHEM. RMV REF DES C138; PN WAS 7500014-221. VAL WAS 220PF; ANODE WAS CONN TO REF DES R20 AND Q8; CATHODE WAS CONN TO GND ALSO. PARTS LIST DATA BASE CHANGE. SEE SHEET NO. 1 83035 (U)			2 FEB 95
G		UPD TO SCHEM. ADDED NOTE 6 91980 (U) SEE SHEET 1			12 OCT 95
H		NOTES: ADDED 360 TO NOTE 6. 92897 (U) SEE SHEET 1			18 JAN 96
				GEORGE JONES T8N	PEC
				N. HONK M. BROWN R. RICHARDS	



- NOTES:
1. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
 2. ALL RESISTANCE VALUES ARE IN OHMS, .25 WATT, 1%.
 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 901-1986. LOGIC SYMBOLS CONFORM TO ANSI/IEEE STD 91-1984.
- SELECT AT TEST. L1 VALUE MAY BE 330, 360 or 390.

SCHEMATIC DIAGRAM SHEET NO. 1 OF 2

