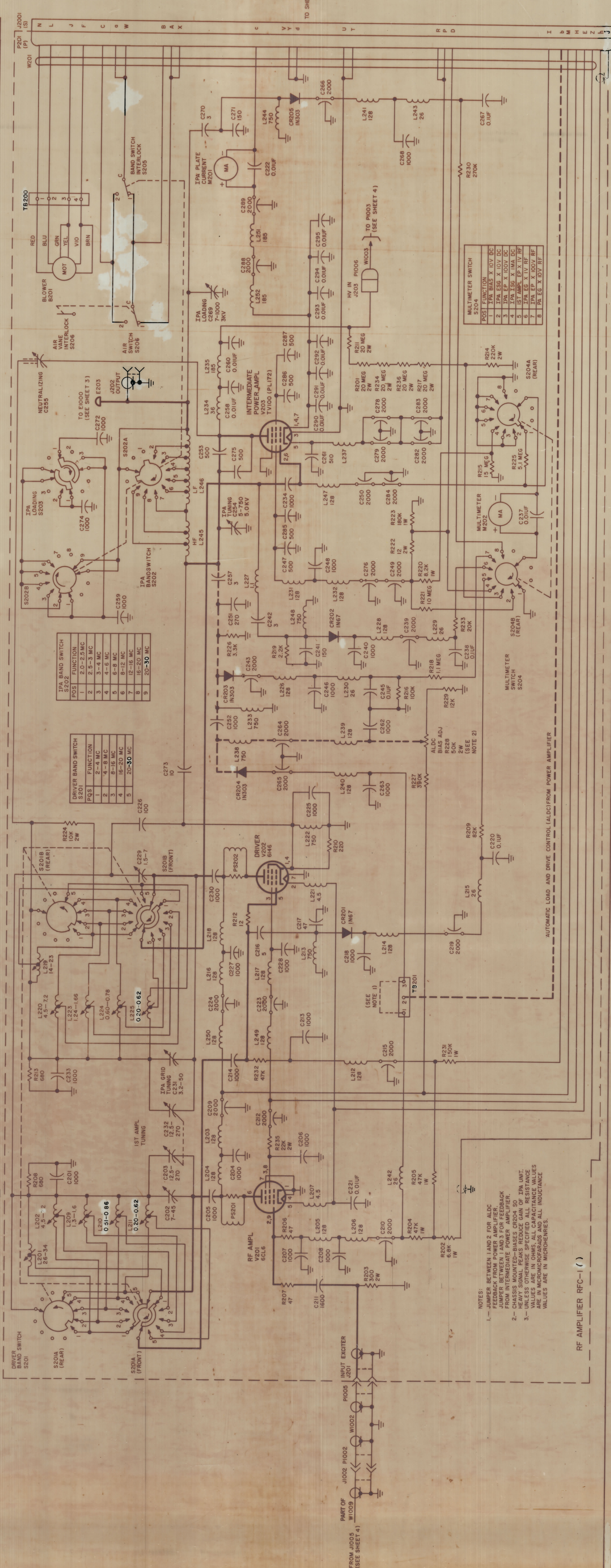


ZONE	LTR	DESCRIPTION	DATE	BY	CHKD	APP'D
	X	EXP RELEASE	11/24/64	WAK		
	A	REVISE FOR PATTERN	7/7/64	WAK		
	A	ORIGINAL RELEASE FOR PRODUCTION	7/7/64	WAK		
	A	SEE SHEET 3 OF 4	7/7/64	WAK		
	B	SEE SHEETS 3 OF 4 & 4 OF 4	7/29/64	WAK		

REV	DATE	DESCRIPTION
1	7/7/64	EXP RELEASE
2	7/7/64	REVISE FOR PATTERN
3	7/7/64	ORIGINAL RELEASE FOR PRODUCTION
4	7/7/64	SEE SHEET 3 OF 4
5	7/29/64	SEE SHEETS 3 OF 4 & 4 OF 4

QTY	REQ	ITEM	PART NO.	DESCRIPTION	SYMBOL
		F. BUDETTI		LIST OF MATERIAL	
				THE TECHNICAL MATERIAL CORP.	
				MAMARONECK, NEW YORK	
				DIAGRAM SCHEMATIC	
				GPT IO KRL	
				SIZE CODE IDENTIFYING NO.	
				82679	
				CK 1431	
				ISSUE	
				B	
				SHEET	
				1	
				OF 4	



POS	FUNCTION
1	2.0-2.5 MC
2	2.5-3 MC
3	3-4 MC
4	4-6 MC
5	6-8 MC
6	8-12 MC
7	12-16 MC
8	16-20 MC
9	20-30 MC

POS	FUNCTION
1	2-4 MC
2	4-6 MC
3	6-8 MC
4	8-12 MC
5	12-16 MC
6	16-20 MC
7	20-30 MC

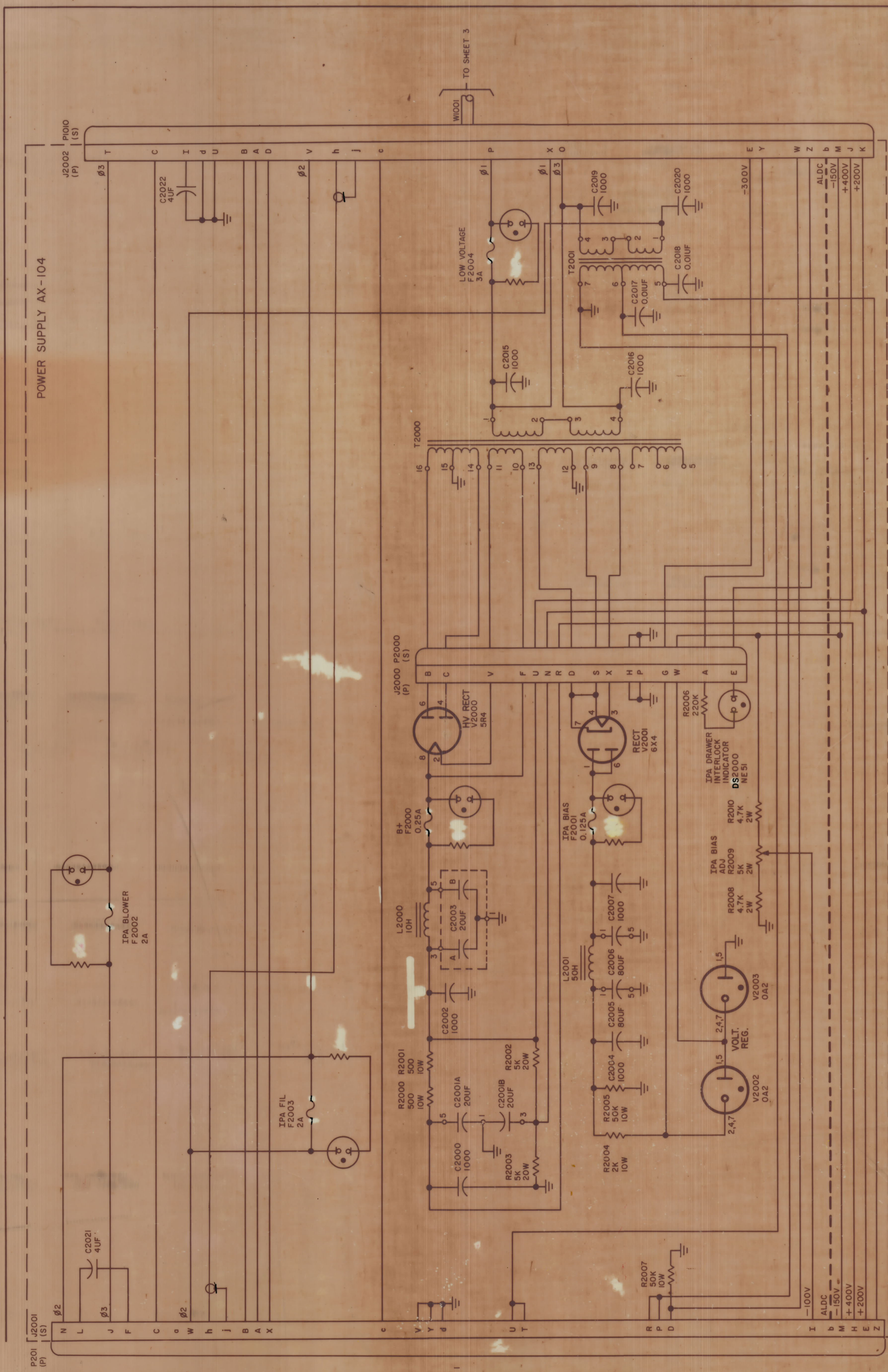
POS	FUNCTION
1	IPA BIAS X IOV DC
2	IPA ESE X IOV DC
3	IPA EP X IOV DC
4	IPA ISE X IMA DC
5	IPA ISE X IMA DC
6	IPA EG X IV RF
7	IPA EP X IOV RF
8	PA EG X IOV RF

NOTES:
 1- JUMPER BETWEEN L AND 2 FOR ALDC
 2- JUMPER BETWEEN POWER AND FEEDBACK
 3- JUMPER BETWEEN INTERMEDIATE POWER AMPLIFIER
 FROM INTERMEDIATE POWER AMPLIFIER
 FROM CHASSIS MOUNTED-BIASES CR204 SO
 HEAVY SIGNAL PEAKS REDUCE GAIN OF IPA UNIT.
 ALL CAPACITANCE VALUES
 VALUES ARE IN OHMS. ALL CAPACITANCE VALUES
 VALUES ARE IN MICROMEHRENS. AND ALL INDUCTANCE
 VALUES ARE IN MICROHENRIES.

TO SHEET 2

RF AMPLIFIER RFC-1 ()

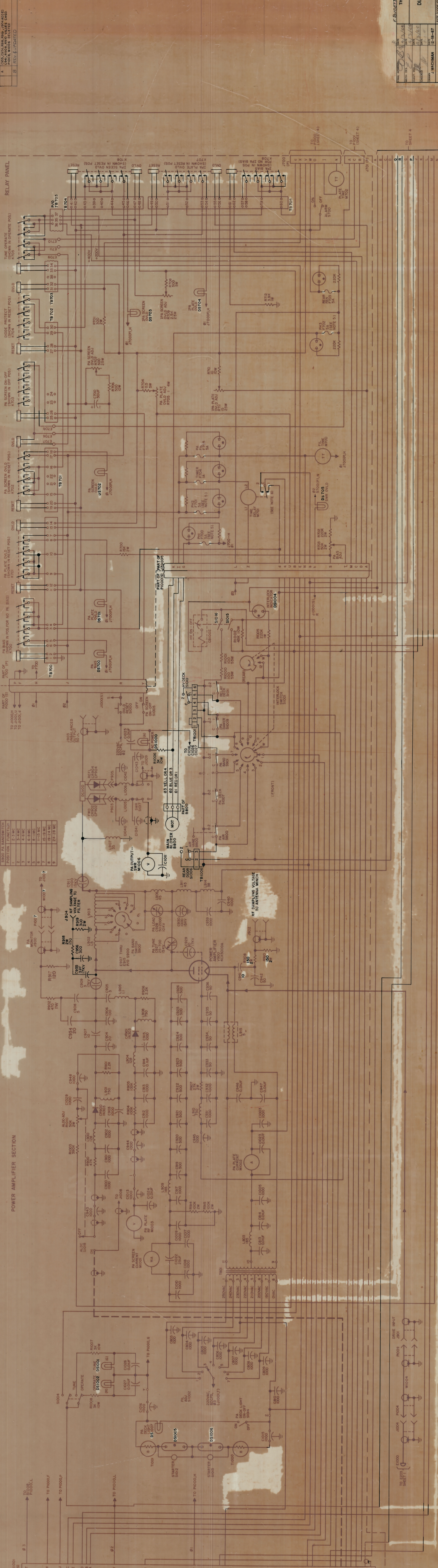
ZONE	LTR	DESCRIPTION	DATE	EM/NNO	DRAFT	CHKD	APPD
	X	EXPERIMENTAL RELEASE	4/3/68	JW			
	X	SEE SHEETS 1 & 2	4/3/68	JW			
	A	ORIGINAL RELEASE FOR PROD	7/4/68	JW			
	B	SEE SHEET 3 OF 4	5/24/68	JW			
	B	SEE SHEETS 3 OF 4 & 4 OF 4	7/24/68	AB			



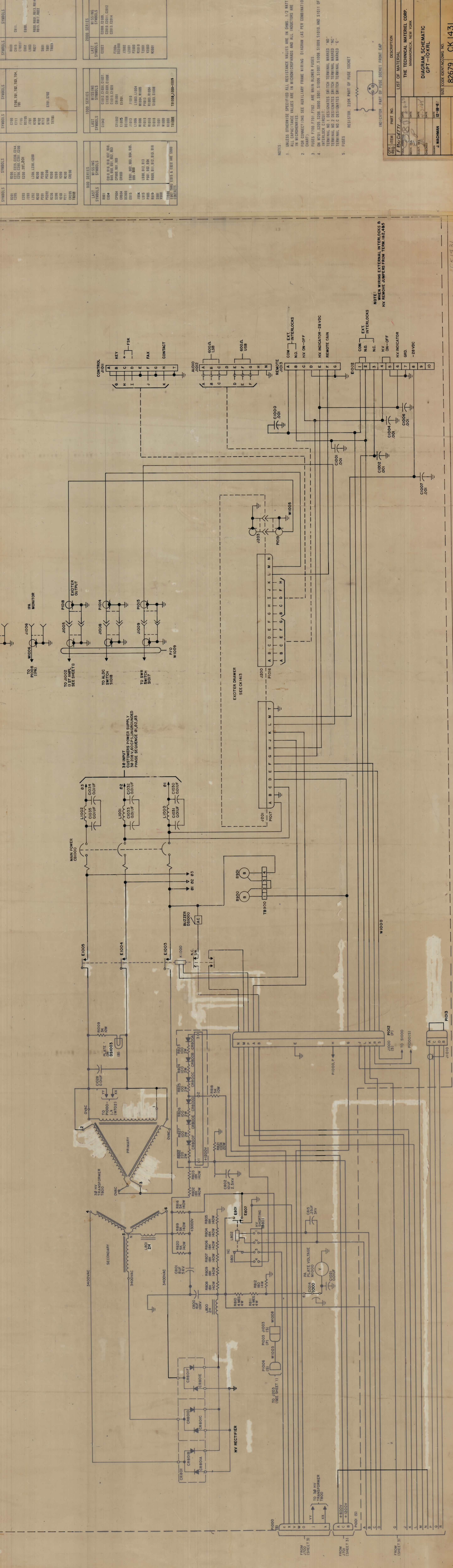
FINAL APPROVAL	DATE
MECH. DES.	4/3/68
ELECT. DES.	4/3/68
CHECKED	4/3/68
DRAWN	4/3/68

THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
DIAGRAM, SCHEMATIC GPT10KRL	
SIZE CODE IDENT. NO.	DWG NO.
82679	CK 1431
SCALE	SHEET 2 OF 4
ISSUE	B

NO.	DESCRIPTION	DATE	BY	CHKD.
1	EXPERIMENTAL RELEASE	8/24/54	JW	FB
2	REVISED	9/15/54	JW	FB
3	REVISED	10/1/54	JW	FB
4	REVISED	10/1/54	JW	FB
5	REVISED	10/1/54	JW	FB
6	REVISED	10/1/54	JW	FB
7	REVISED	10/1/54	JW	FB
8	REVISED	10/1/54	JW	FB
9	REVISED	10/1/54	JW	FB
10	REVISED	10/1/54	JW	FB
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98	REVISED	10/1/54	JW	FB
99	REVISED	10/1/54	JW	FB
100	REVISED	10/1/54	JW	FB



200 SERIES		700 SERIES		800 SERIES	
LAST SYMBOLS	MISSING SYMBOLS	LAST SYMBOLS	MISSING SYMBOLS	LAST SYMBOLS	MISSING SYMBOLS
R201	R202	C700	C701	B800	B801
C203	C204	E711	E712	C815	C816
L205	L206	F705	F706	C801F	C802F
W200	W201	J701	J702	E800	E801
W202	W203	K708	K709	R800	R801
W204	W205	L708	L709	R802	R803
W206	W207	M702	M703	R804	R805
W208	W209	W702	W703	R806	R807
W210	W211	W704	W705	R808	R809
W212	W213	W706	W707	R810	R811
W214	W215	W708	W709	R812	R813
W216	W217	W710	W711	R814	R815
W218	W219	W712	W713	R816	R817
W220	W221	W714	W715	R818	R819
W222	W223	W716	W717	R820	R821
W224	W225	W718	W719	R822	R823
W226	W227	W720	W721	R824	R825
W228	W229	W722	W723	R826	R827
W230	W231	W724	W725	R828	R829
W232	W233	W726	W727	R830	R831
W234	W235	W728	W729	R832	R833
W236	W237	W730	W731	R834	R835
W238	W239	W732	W733	R836	R837
W240	W241	W734	W735	R838	R839
W242	W243	W736	W737	R840	R841
W244	W245	W738	W739	R842	R843
W246	W247	W740	W741	R844	R845
W248	W249	W742	W743	R846	R847
W250	W251	W744	W745	R848	R849
W252	W253	W746	W747	R850	R851
W254	W255	W748	W749	R852	R853
W256	W257	W750	W751	R854	R855
W258	W259	W752	W753	R856	R857
W260	W261	W754	W755	R858	R859
W262	W263	W756	W757	R860	R861
W264	W265	W758	W759	R862	R863
W266	W267	W760	W761	R864	R865
W268	W269	W762	W763	R866	R867
W270	W271	W764	W765	R868	R869
W272	W273	W766	W767	R870	R871
W274	W275	W768	W769	R872	R873
W276	W277	W770	W771	R874	R875
W278	W279	W772	W773	R876	R877
W280	W281	W774	W775	R878	R879
W282	W283	W776	W777	R880	R881
W284	W285	W778	W779	R882	R883
W286	W287	W780	W781	R884	R885
W288	W289	W782	W783	R886	R887
W290	W291	W784	W785	R888	R889
W292	W293	W786	W787	R890	R891
W294	W295	W788	W789	R892	R893
W296	W297	W790	W791	R894	R895
W298	W299	W792	W793	R896	R897
W300	W301	W794	W795	R898	R899
W302	W303	W796	W797	R900	R901
W304	W305	W798	W799	R902	R903
W306	W307	W800	W801	R904	R905
W308	W309	W802	W803	R906	R907
W310	W311	W804	W805	R908	R909
W312	W313	W806	W807	R910	R911
W314	W315	W808	W809	R912	R913
W316	W317	W810	W811	R914	R915
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W324	W325	W818	W819	R922	R923
W326	W327	W820	W821	R924	R925
W328	W329	W822	W823	R926	R927
W330	W331	W824	W825	R928	R929
W332	W333	W826	W827	R930	R931
W334	W335	W828	W829	R932	R933
W336	W337	W830	W831	R934	R935
W338	W339	W832	W833	R936	R937
W340	W341	W834	W835	R938	R939
W342	W343	W836	W837	R940	R941
W344	W345	W838	W839	R942	R943
W346	W347	W840	W841	R944	R945
W348	W349	W842	W843	R946	R947
W350	W351	W844	W845	R948	R949
W352	W353	W846	W847	R950	R951
W354	W355	W848	W849	R952	R953
W356	W357	W850	W851	R954	R955
W358	W359	W852	W853	R956	R957
W360	W361	W854	W855	R958	R959
W362	W363	W856	W857	R960	R961
W364	W365	W858	W859	R962	R963
W366	W367	W860	W861	R964	R965
W368	W369	W862	W863	R966	R967
W370	W371	W864	W865	R968	R969
W372	W373	W866	W867	R970	R971
W374	W375	W868	W869	R972	R973
W376	W377	W870	W871	R974	R975
W378	W379	W872	W873	R976	R977
W380	W381	W874	W875	R978	R979
W382	W383	W876	W877	R980	R981
W384	W385	W878	W879	R982	R983
W386	W387	W880	W881	R984	R985
W388	W389	W882	W883	R986	R987
W390	W391	W884	W885	R988	R989
W392	W393	W886	W887	R990	R991
W394	W395	W888	W889	R992	R993
W396	W397	W890	W891	R994	R995
W398	W399	W892	W893	R996	R997
W400	W401	W894	W895	R998	R999



- NOTES:
- UNLESS OTHERWISE SPECIFIED ALL RESISTANCE VALUES ARE IN OHMS, 1/2 WATT, IN MICROHMS.
 - FOR CONNECTIONS SEE AUXILIARY WIRING DIAGRAM (AS PER COMBINATION CHART).
 - FUSES F100-F701, F702, ARE MAIN BLOWER FUSES.
 - ON 8771, S206, S208, S800, S801, S1006, S1007, S1008, S1009, S1010, AND S1011 OF THIS SCHEMATIC, THE "NO" TERMINAL MARKED "NO" TERMINAL NO. 2 DESIGNATES SWITCH TERMINAL MARKED "NO" TERMINAL NO. C DESIGNATES SWITCH TERMINAL MARKED "C".
 - FUSES

INDICATOR, PART OF FUSE SOCKET

INDICATOR, PART OF FUSE SOCKET

ITEM NO.	DESCRIPTION	SYMBOL
F1000	INDICATOR, PART OF FUSE SOCKET	

LIST OF MATERIAL

THE TECHNICAL MATERIAL CORP.
HAWAIIAN, NEW YORK

DIAGRAM SCHEMATIC
GPT-10RLL

DATE: 12-18-67
BY: J. WACHMAN
CHECKED: [Signature]
DATE: [Signature]

SIZE CODE IDENTIFYING NO. CK 1431
ISSUE B
SHEET 4 OF 4