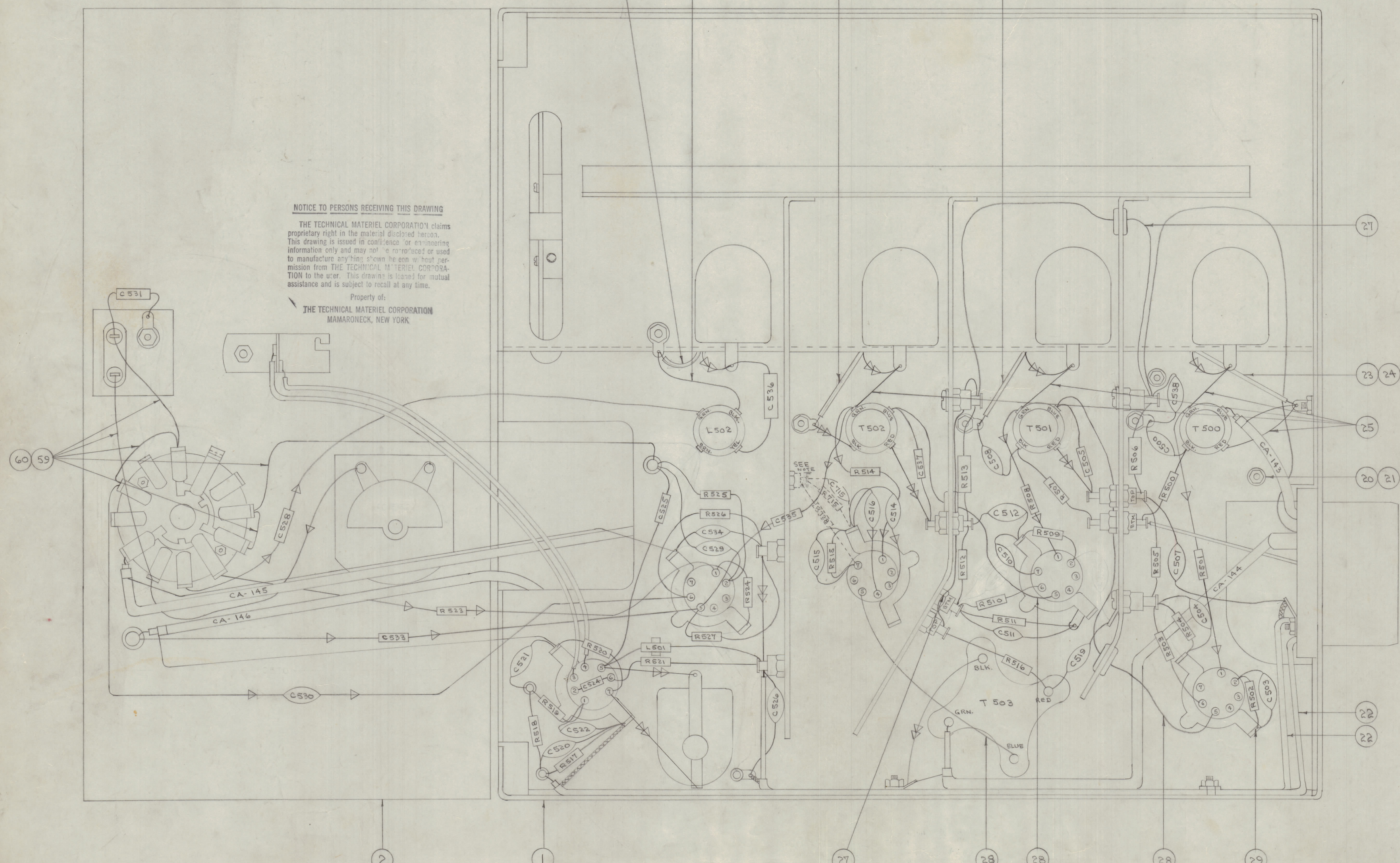


IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.  
 MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS AND SHARP EDGES

NOTE: FOR FFRD-7 - R715-C715 & R728 TO BE WIRED AS SHOWN BY DOTTED LINES. NOTE ADDITION OF R728.

BAND	FROM	TO	COMPONENT
5	PINS V503	STANDOFF	L501
6	PINS V503	STANDOFF	L601
7	PINS V503	STANDOFF	R722

X 60	PX-104-1-.033	INSULATION, SLEEVING			
X 59	WL-103-A	WIRE, BUSS BAR			
1 58	A-157	TRANSFORMER, 1F			T703
1 57	A-157	TRANSFORMER, 1F			T603
1 56	A-157	TRANSFORMER, 1F		T503	
1 55	A-307	TRANSFORMER, MIXER			T702
1 54	A-299	TRANSFORMER, MIXER			T602
1 53	A-315	TRANSFORMER, MIXER		T502	
1 52	A-304	TRANSFORMER, RF			T701
1 51	A-296	TRANSFORMER, RF			T601
1 50	A-312	TRANSFORMER, RF		T501	
1 49	A-306	TRANSFORMER, ANT.			T700
1 48	A-298	TRANSFORMER, ANT.			T600
1 47	A-314	TRANSFORMER, ANT.		T500	
1 46	RC20GF131J	RESISTOR, FIXED 130Ω			R728
2 45	RC20GF393K	RESISTOR, FIXED 39K	R527	R427	R737
			R526	R426	R736
1 44	RC20GF121K	RESISTOR, FIXED 120Ω	R525	R425	R735
1 43	RC20GF223K	RESISTOR, FIXED 22K	R524	R424	R734
1 42	RC20GF220K	RESISTOR, FIXED 22Ω	R523	R423	R733
1 41	RC20GF330J	RESISTOR, FIXED 30K			R722
1 40	RC20GF473K	RESISTOR, FIXED 47K	R521	R421	R716
1 39	RC20GF272J	RESISTOR, FIXED 27K	R520		
1 38	RC20GF222J	RESISTOR, FIXED 2.2K			R720
1 37A	RC20GF152J	RESISTOR, FIXED 1.5K			R620
3 37	RC20GF474K	RESISTOR, FIXED 470K	R518	R418	R718
			R517	R417	R717
1 36	RC30GF473K	RESISTOR, FIXED 47K 1W	R516	R416	
1 35	RC20GF821K	RESISTOR, FIXED 820Ω	R515	R415	R415
2 34	RC42GF273K	RESISTOR, FIXED 27K 2W	R513	R413	R413
			R506	R406	R710
2 33	RC20GF224K	RESISTOR, FIXED 220K	R511	R411	R711
			R504	R404	R704
2 32	RC20GF221K	RESISTOR, FIXED 220Ω	R508	R408	R708
			R502	R402	R702
5 31	RC20GF100K	RESISTOR, FIXED 10Ω	R514	R414	R714
			R510	R410	R710
			R503	R403	R703
			R501	R401	R701
4 30	RC20GF104K	RESISTOR, FIXED 100K	R507	R407	R707
			R505	R405	R705
			R500	R400	R700
X 29	BS-100	SOLDER, SOFT			
X 28	SR1R3/8(7)22066	CABLE, INSULATED			
X 27	SR1R3/8(7)22022	CABLE, INSULATED			
X 26	PX-104-1-.034	INSULATION, SLEEVING			
X 25	WL-100-6	WIRE, BUSS BAR			
X 24	PX-104-1-.066	INSULATION, SLEEVING			
X 23	WL-103-1	SHIELD, FLEX.			
X 22	WI-101-2	CABLE, SHIELD FLEX.			
8 21	NH0632 B08	NUT, HEX			
8 20	LWS06MRC	LOCKWASHER, SPLIT			
1 19	A-305	INDUCTOR, VAR.			L702
1 18	A-297	INDUCTOR, VAR.			L602
1 17	A-313	INDUCTOR, VAR.		L502	
1 16	CL-108-6	INDUCTOR, FIXED 200μH			L601
	CL-108-2	INDUCTOR, FIXED 280μH		L501	
1 15	CC21SL220K	CAPACITOR, FIXED 22μF			C737
1 14		DELETED			
1 13	CM30E222G	CAPACITOR, FIXED 2200μF			C736
1 12	CM30E152G	CAPACITOR, FIXED 1500μF			C636
1 11	CM30E102G	CAPACITOR, FIXED 1000μF			C536
1 10	CC21SL1R5C	CAPACITOR, FIXED 1.5μF			C635
2 9	CC21SL010C	CAPACITOR, FIXED 1μF			C535
1 8	CC21SL100D	CAPACITOR, FIXED 10μF			C633
1 7	CC-101-4	CAPACITOR, FIXED 120μF	C531	C631	C731
1 6	CC26SL101K	CAPACITOR, FIXED 10μF			C725
3 5	CC21SL470K	CAPACITOR, FIXED 47μF	C528	C628	C728
			C525	C625	C725
			C524	C624	C724
1 4	CC21SL220K	CAPACITOR, FIXED 22μF			C705
2 3	CC26SL101K	CAPACITOR, FIXED 100μF			C605
1 2	CC-101-2	CAPACITOR, FIXED 150μF			C505
			C537	C637	C737
			C535	C635	C735
			C534	C634	C734
			C533	C633	C733
			C532	C632	C732
			C531	C631	C731
			C530	C630	C730
			C529	C629	C729
			C528	C628	C728
			C527	C627	C727
			C526	C626	C726
			C525	C625	C725
			C524	C624	C724
			C523	C623	C723
			C522	C622	C722
			C521	C621	C721
			C520	C620	C720
			C519	C619	C719
			C518	C618	C718
			C517	C617	C717
			C516	C616	C716
			C515	C615	C715
			C514	C614	C714
			C513	C613	C713
			C512	C612	C712
			C511	C611	C711
			C510	C610	C710
			C509	C609	C709
			C508	C608	C708
			C507	C607	C707
			C506	C606	C706
			C505	C605	C705
			C504	C604	C704
			C503	C603	C703
			C502	C602	C702
			C501	C601	C701
1 2	A-228	FRONT PANEL, SUB ASSEMBLY			
1 1	A-229	MECHANICAL & ELEC. SUB ASSEMBLY			



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 MAMARONECK, NEW YORK

C	1	R720 WAS 1.2K.	9/26/53	3	CDD	WSC	WSD
B	3	COMPONENT VALUES CHANGED	7/6/53	2	CDD	WSD	WSD
A	2	COMPONENTS MOVED	7/4/53	1	CDD	WSD	WSD
	1	SYMBOLS CHANGED					
ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
TOLERANCES		SCALE:					
ALL OTHERS	DEC. DIM. ±	DRILL, PUNCH, COMMERCIAL STOCK					
	FRAC. DIM. ±	SIZES AND MANUFACTURERS					
	ANGULAR DIM. ±	TOLERANCES ARE NOT INCLUDED.					

THIS DRAWING SHOWS ONLY THAT HARDWARE NECESSARY TO SECURE COMPONENTS OR WIRING EITHER MECHANICALLY OR ELECTRICALLY.

MODEL	PROJECT NO.	ASS'Y. NO.	DATE
FFRD-7	104	A-236	1-6-53
FFRD-6	104	A-236	1-6-53
FFRD-5	104	A-236	1-6-53

REQ. ITEM	PART NO.	DESCRIPTION	QTY	SYMBOL	SYMBOL	SYMBOL
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK						
COMPONENT ASSEMBLY						
BANDS 5, 6 AND 7						
CDD: 1-6-53 G.T.O. WSC						
DRAWN: WSD ELEC. DES. APP. MECH. DES. APP.						
HEAT TREAT. SPEC. CHECKED: WSD FINAL APPROVAL: WSD						
FINISH & SPEC. NO. A-328 C						