

4

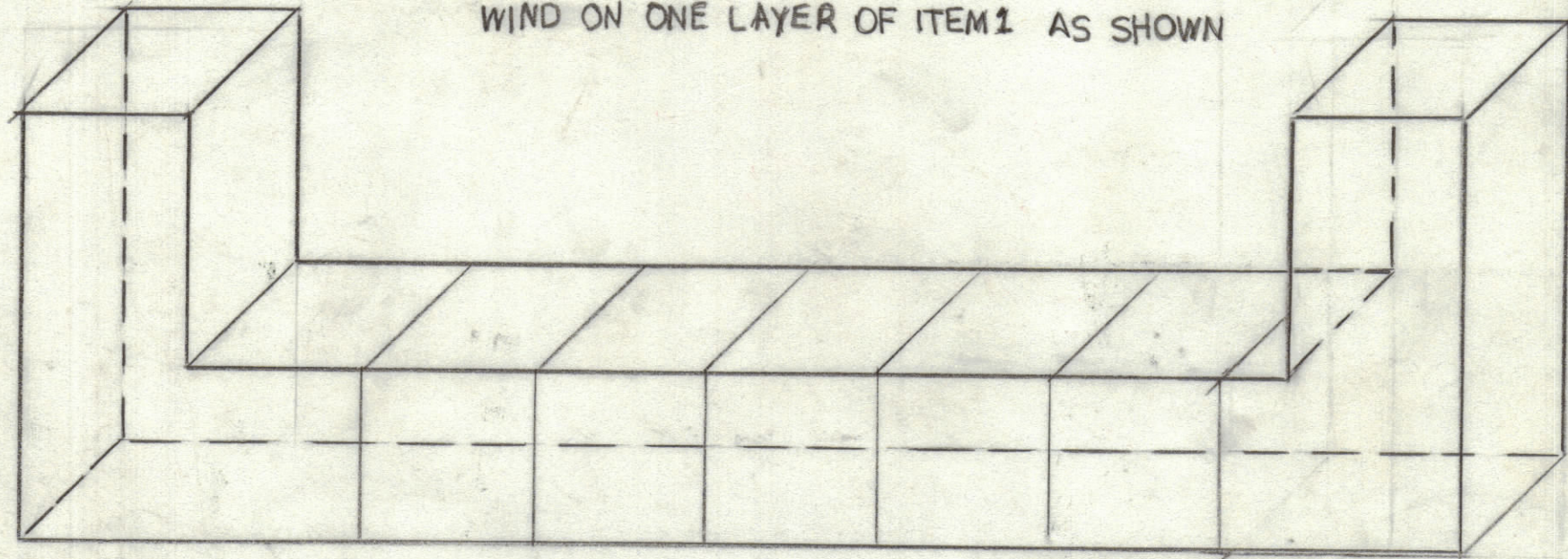
3

2

1

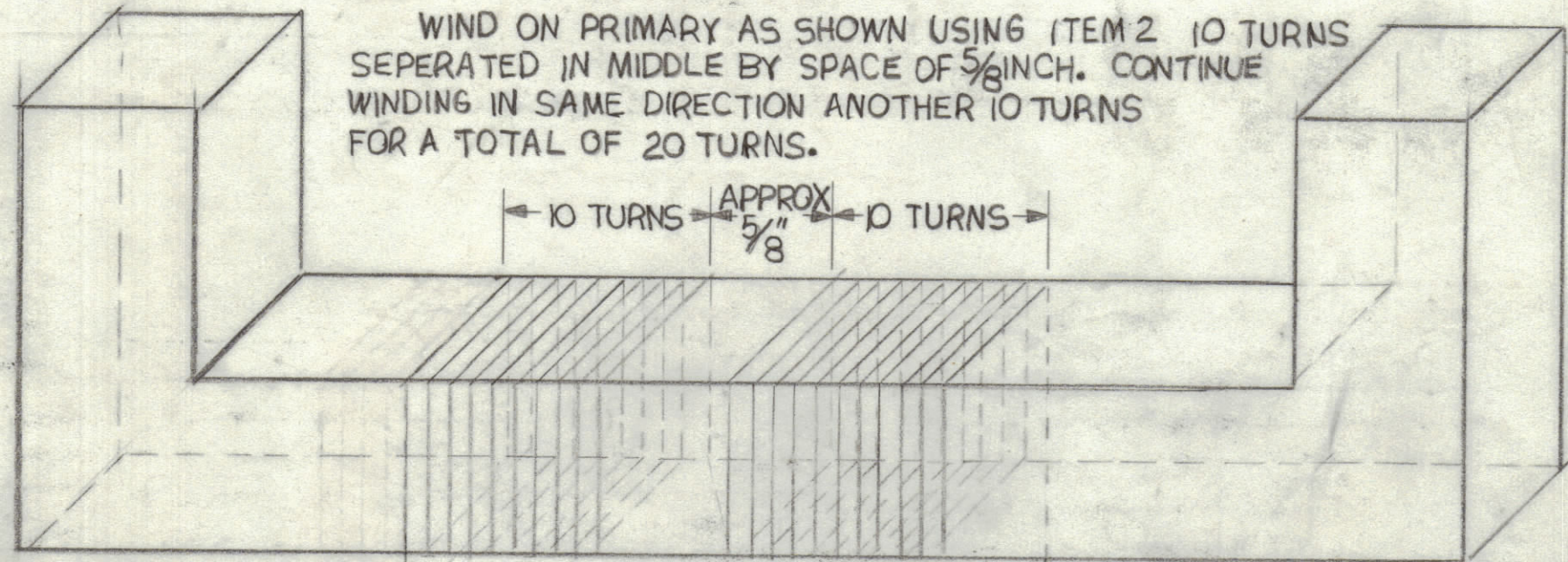
STEP ONE

WIND ON ONE LAYER OF ITEM 1 AS SHOWN



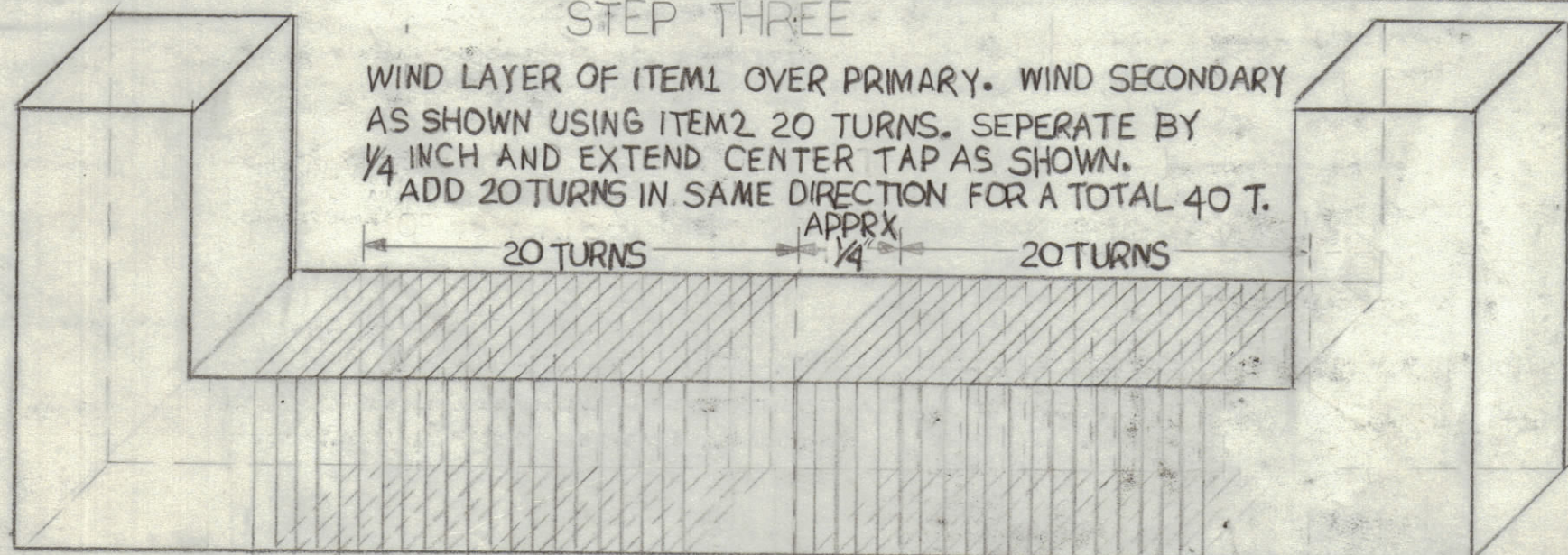
STEP TWO

WIND ON PRIMARY AS SHOWN USING ITEM 2 10 TURNS SEPERATED IN MIDDLE BY SPACE OF 5/8 INCH. CONTINUE WINDING IN SAME DIRECTION ANOTHER 10 TURNS FOR A TOTAL OF 20 TURNS.



STEP THREE

WIND LAYER OF ITEM 1 OVER PRIMARY. WIND SECONDARY AS SHOWN USING ITEM 2 20 TURNS. SEPERATE BY 1/4 INCH AND EXTEND CENTER TAP AS SHOWN. ADD 20 TURNS IN SAME DIRECTION FOR A TOTAL 40 T.



* CENTER SECONDARY IN MIDDLE OF PRIMARY

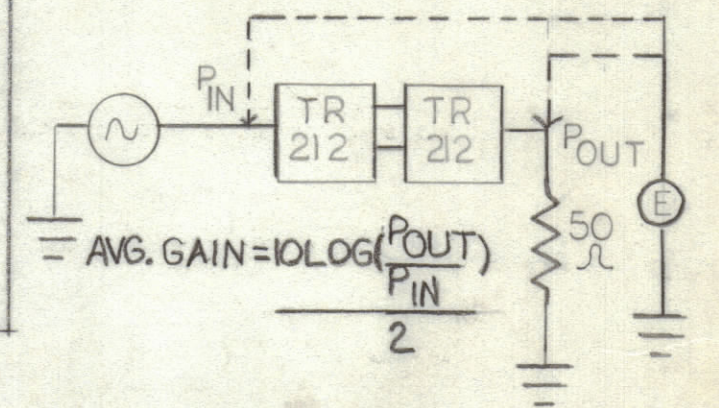
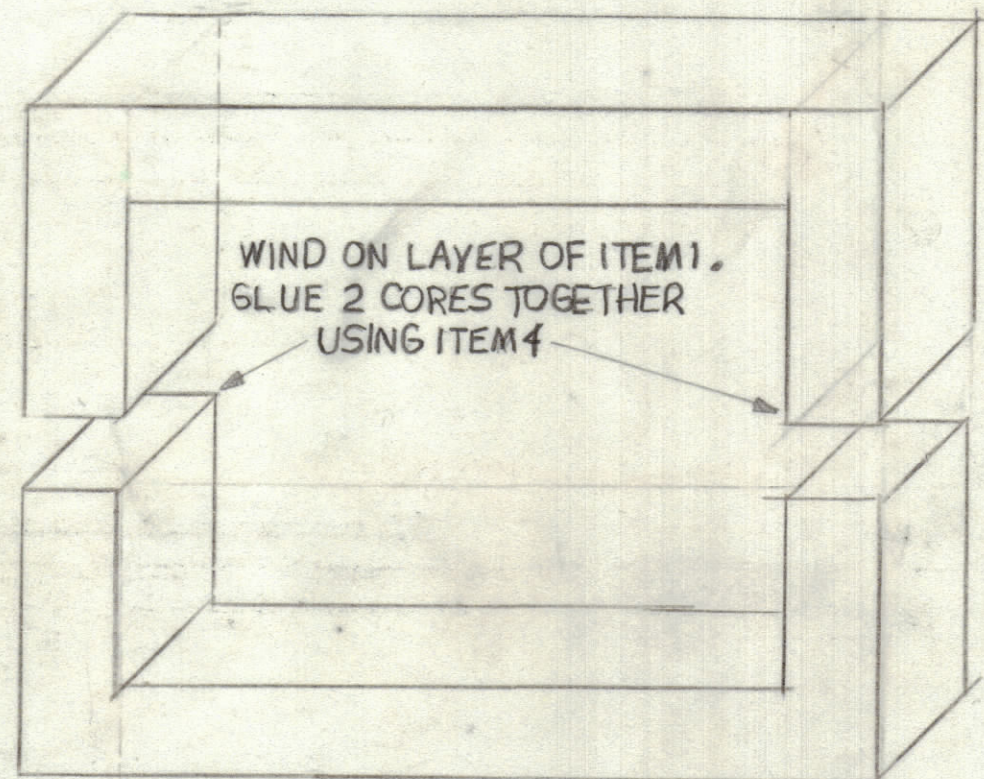
QTY / UNIT	MODEL USED ON	ASS'Y NO.
APPLICATION		
CODE		

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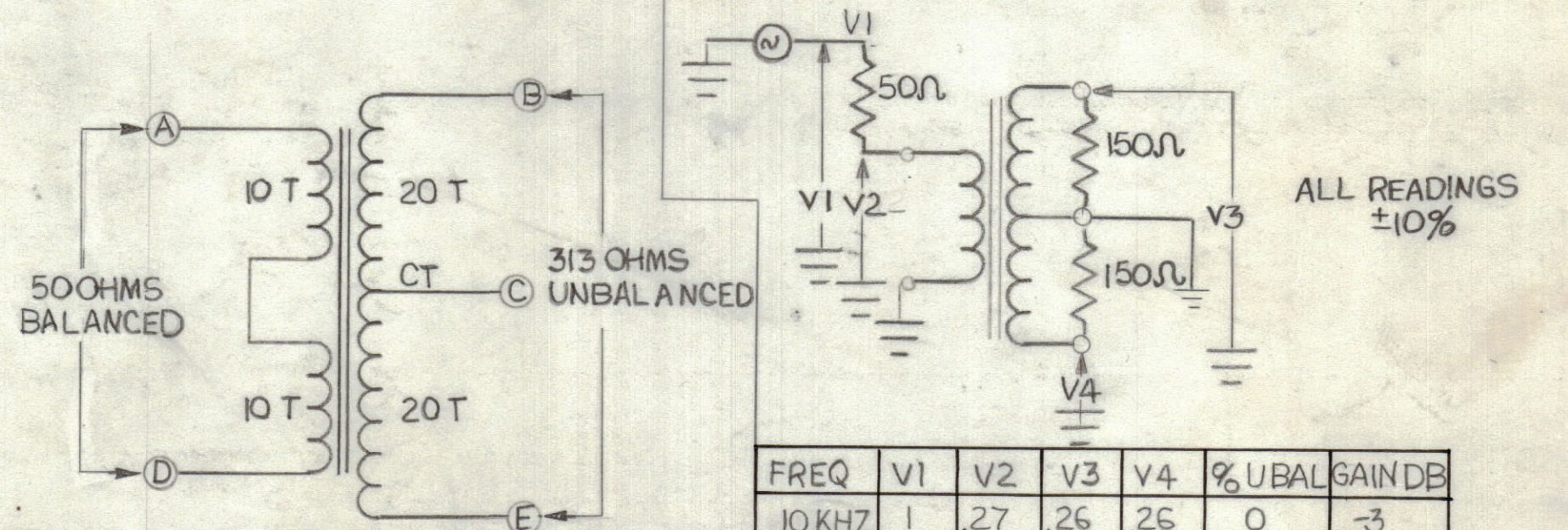
REVISIONS						
ZONE	LTR	DESCRIPTION	DATE	E.M.N.O	DRAFT	CHKD APPD

STEP FOUR

WIND ON LAYER OF ITEM 1, GLUE 2 CORES TOGETHER USING ITEM 4



AVG. GAIN = 10 LOG (P_OUT / P_IN) / 2



ALL READINGS ±10%

FREQ	V1	V2	V3	V4	% UBAL	GAIN DB
10KHZ	1	.27	.26	.26	0	-3
20KHZ	1	.31	.35	.36	2.7	-2
50KHZ	1	.48	.47	.48	2.0	-5
100KHZ	1	.52	.50	.51	1.9	-3
500KHZ	1	.53	.52	.51	1.9	-3
1MHZ	1	.56	.49	.50	2.0	-7
1.5MHZ	1	.59	.49	.50	2.0	-1
2MHZ	1	.62	.49	.47	5	-1.3

X	4		GLUE, EASTMEN 910 OR EQUIV	
2	3	CI 104-H	CORE	
X	2	W1102-9-9	WIRE	
X	1	TA102-3	TAPE	
QTY. REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

LIST OF MATERIAL
THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK
TRANSFORMER, ASSEMBLY
10KHZ 2MHZ, 50-313Ω,
BALANCED OUTPUT

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	FINAL APPROVAL <i>Wilson</i>	DATE 7/10/86
TOLERANCES ON	ELECT. DES. <i>Wilson</i>	DATE 6-28-86
DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	CHECKED	DATE
FRACTIONS ± 1/64 ANGLES ± 0° -30'	DRAWN <i>Wilson</i>	DATE 7-10-86

MATERIAL	SIZE	CODE IDENT. NO.	DWG NO.	ISSUE
FINISH	C	82679	TR212	1
	SCALE DO NOT SCALE		SHEET	OF

4

3

2

1