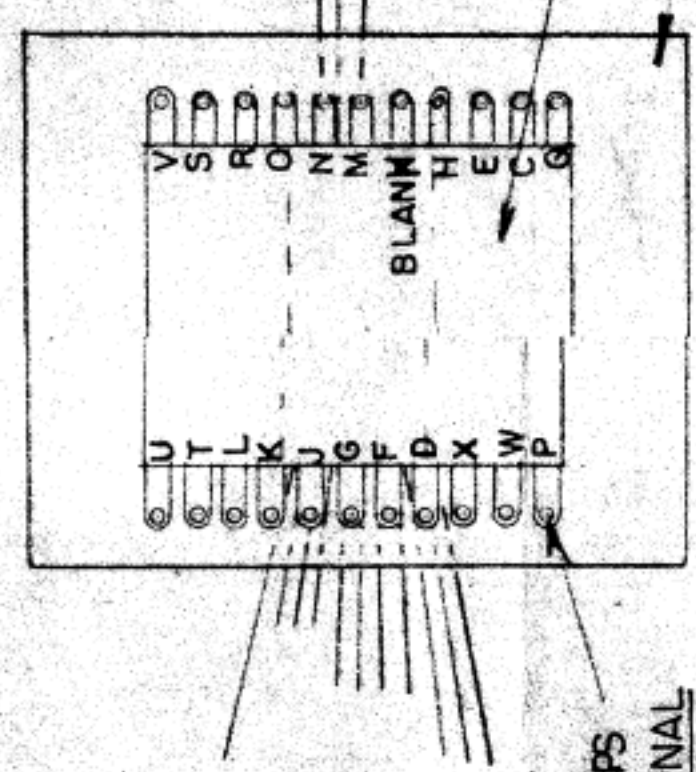


NOTE. O ARE SOLDERING CLIPS, 22 REQUIRED ONE BLANK, WHEN "A" IS POSITIVE, "B" MUST ALSO BE POSITIVE. TRANSFORMERS ARE MOUNTED ON ALLEGHENY STEEL LAMINATIONS NO. LE-8 STACKED 1.062 ± .031 THICK. MACHINE WOUND FINE WINDINGS MAY BE PUT ON FIRST. ALL NO. 19 WINDINGS TO BE ON THE OUTSIDE WINDINGS DO NOT NECESSARILY HAVE TO BE IN THE SEQUENCE SHOWN, THOUGH CONNECTIONS MUST BE AS SHOWN.

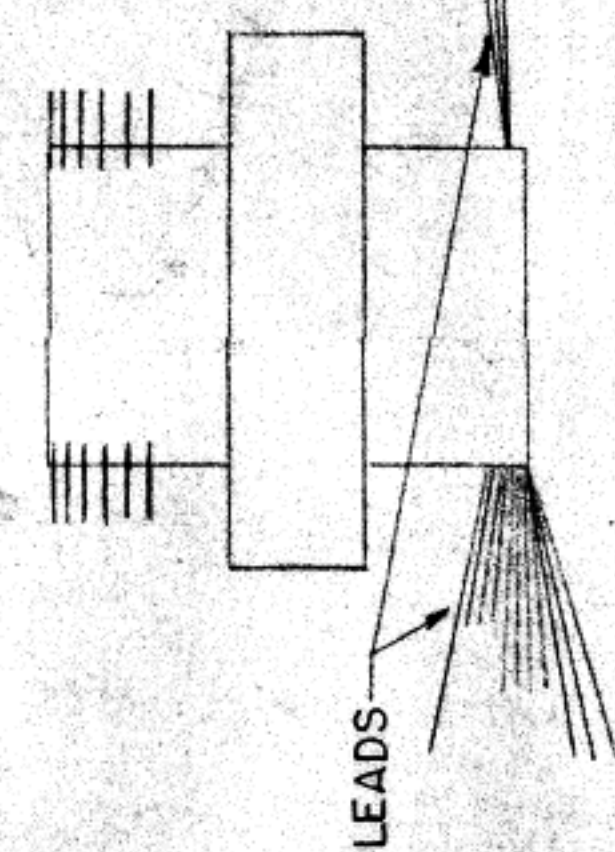


TRANSFORMER WOUND

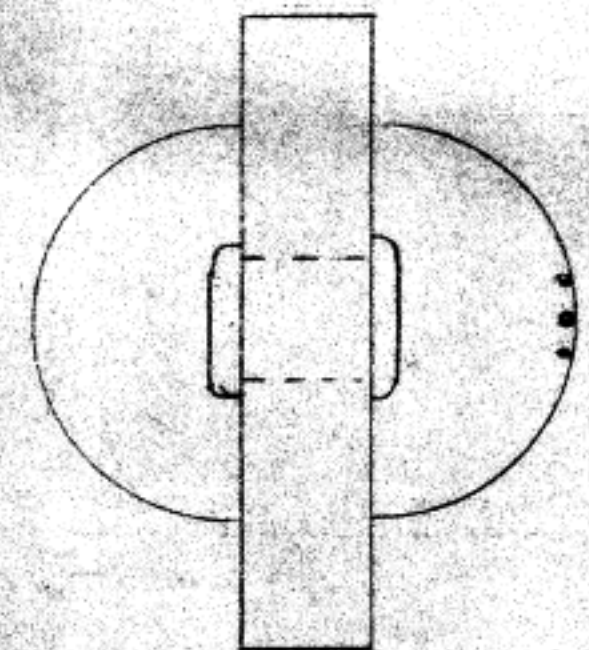
LAMINATIONS LE-8 SEE DETAIL BELOW

CLIPS ON TERMINAL STRIP

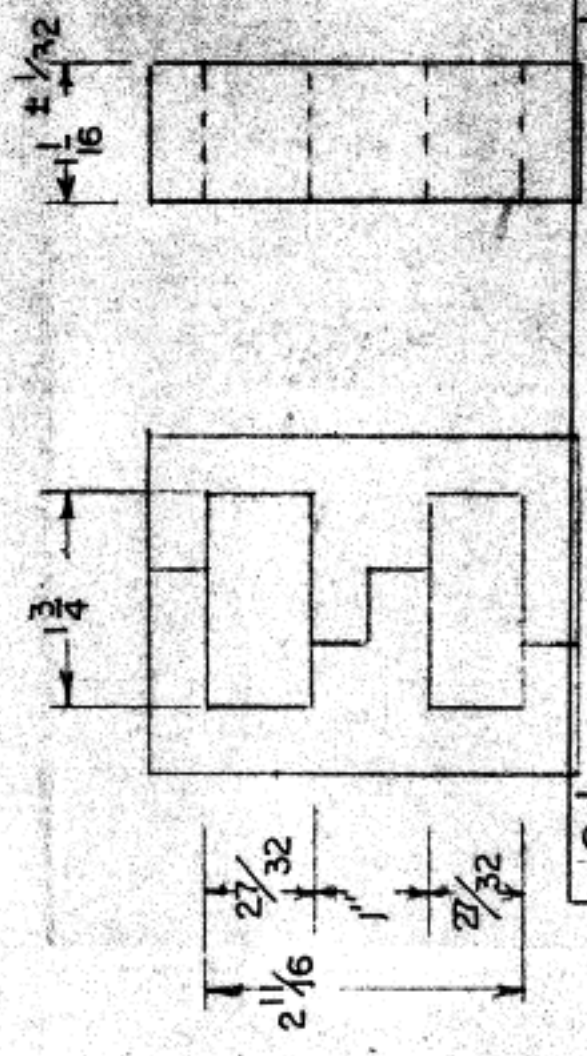
WIRE LEADS



LEADS



TRANSFORMER TO FIT LAMINATIONS SHOWN ON LEFT



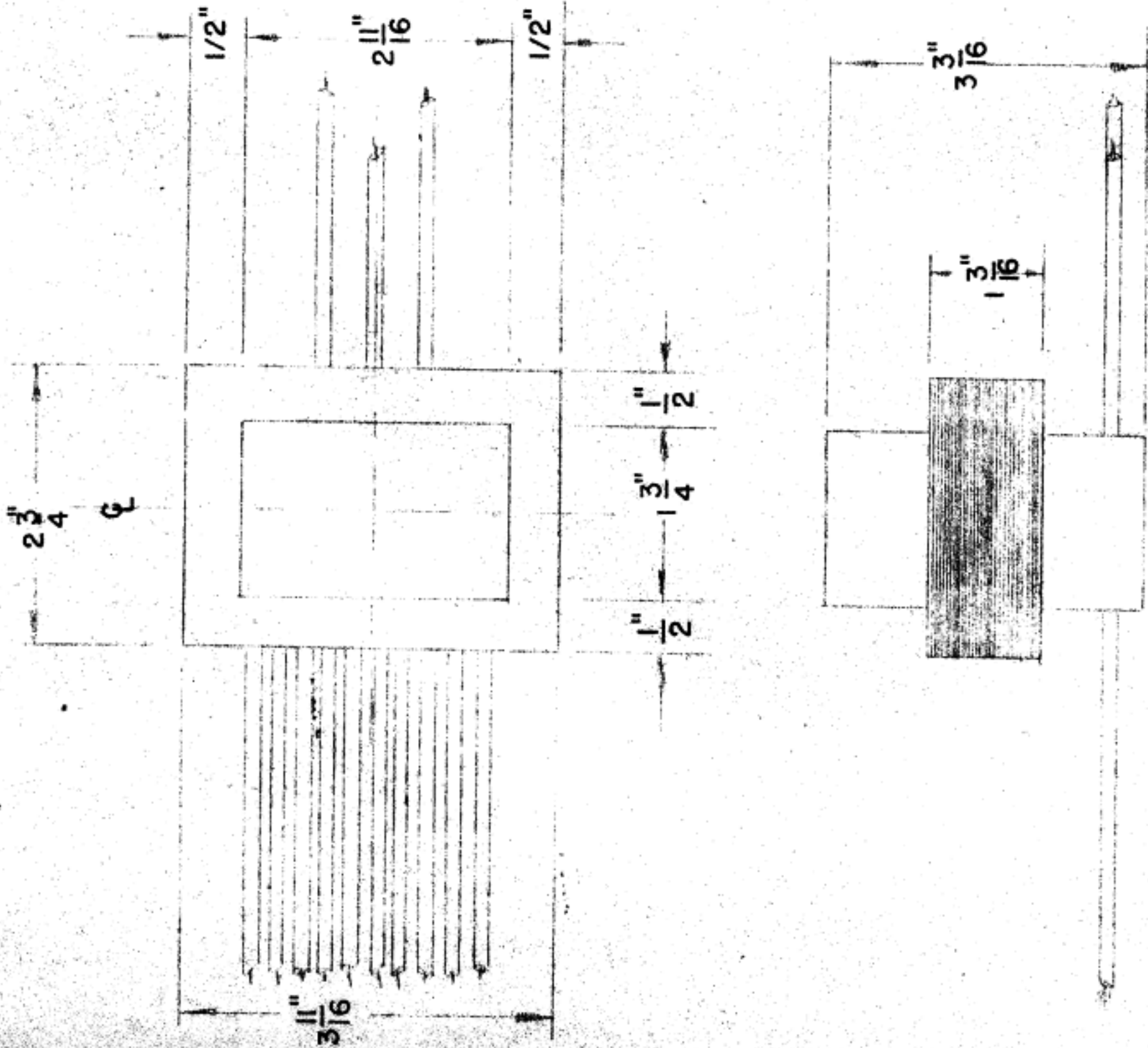
PRIORITY  
FAA1

10000 pieces

M. A. E. Burke

A Brought up to date 3/2 M. A. E. 2/3/44		TRANSFORMER WOUND	
ALTERNATION	BY APP'D	DATE	3/2/44
DO NOT SCALE DRAWING. WORK TO DIMENSIONS TOLERANCE UNLESS OTHERWISE NOTED DECIMALS + FRACTIONS +			
THE HICKOK ELECTRICAL INSTRUMENT CO. CLEVELAND, OHIO, U.S.A.			
TOOLS		QUANTITY	
PIECES PER BAR	PIECES PER STRIP	SCALE	X SIZE
ROUGH WEIGHT	FINISHED WEIGHT	DATE	8.7.43
ROUTE SHEET NO.	MTG	M.	APPROVED
NEXT ASSEMBLY			APPROVED
			PART NUMBER





WINDINGS	START	APPROX. TAP	END	KIND WIRE
PRIMARY				
SECONDARY	0	0	550	# 28 P.E. COP.
" 1	0	0	1050	# 33 P.E. COP.
" 2	0	120	1050	# 33 P.E. COP.
" 3	0	0	31	# 31 P.E. COP.
" 4	0	990	1980	# 33 P.E. COP.
" 5	0	17	34	# 24 P.E. COP.
" 6	0	17	34	# 19 COT. ENAMEL
" 7	0	7		
		9		
		13		
		17		
		19		
		27		# 19 P.E. OR COT. ENAMEL FROM 0 TO 76 TURNS
		32		
		39		
		47		
		62		
		76		
		159		# 31 P.E. FROM 76 TURNS TO END AT 750 TURNS
		225		
		320		
		480	-750	

**TRANSFORMER-I-177 U.S. SIGNAL CORPS**

USED ON		QUANTITY
MATERIAL		SCALE 1/2 X SIZE
TEMPER		DATE 8-7-43
DRAWN	TRACED	CHECKED
APPROVED	APPROVED	APPROVED
PART NUMBER		

TOOLS NOW IN THE POSSESSION OF

PIECES PER BAR

PIECES PER STRIP

ROUGH WEIGHT

FINISHED WEIGHT

ROUTE SHEET NO.

NO. ALTERATION BY APP'D DATE

DO NOT SCALE DRAWING. WORK TO DIMENSIONS  
TOLERANCE UNLESS OTHERWISE NOTED  
DECIMALS ± FRACTIONS ±

**THE HICKOK ELECTRICAL INSTRUMENT CO.**

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