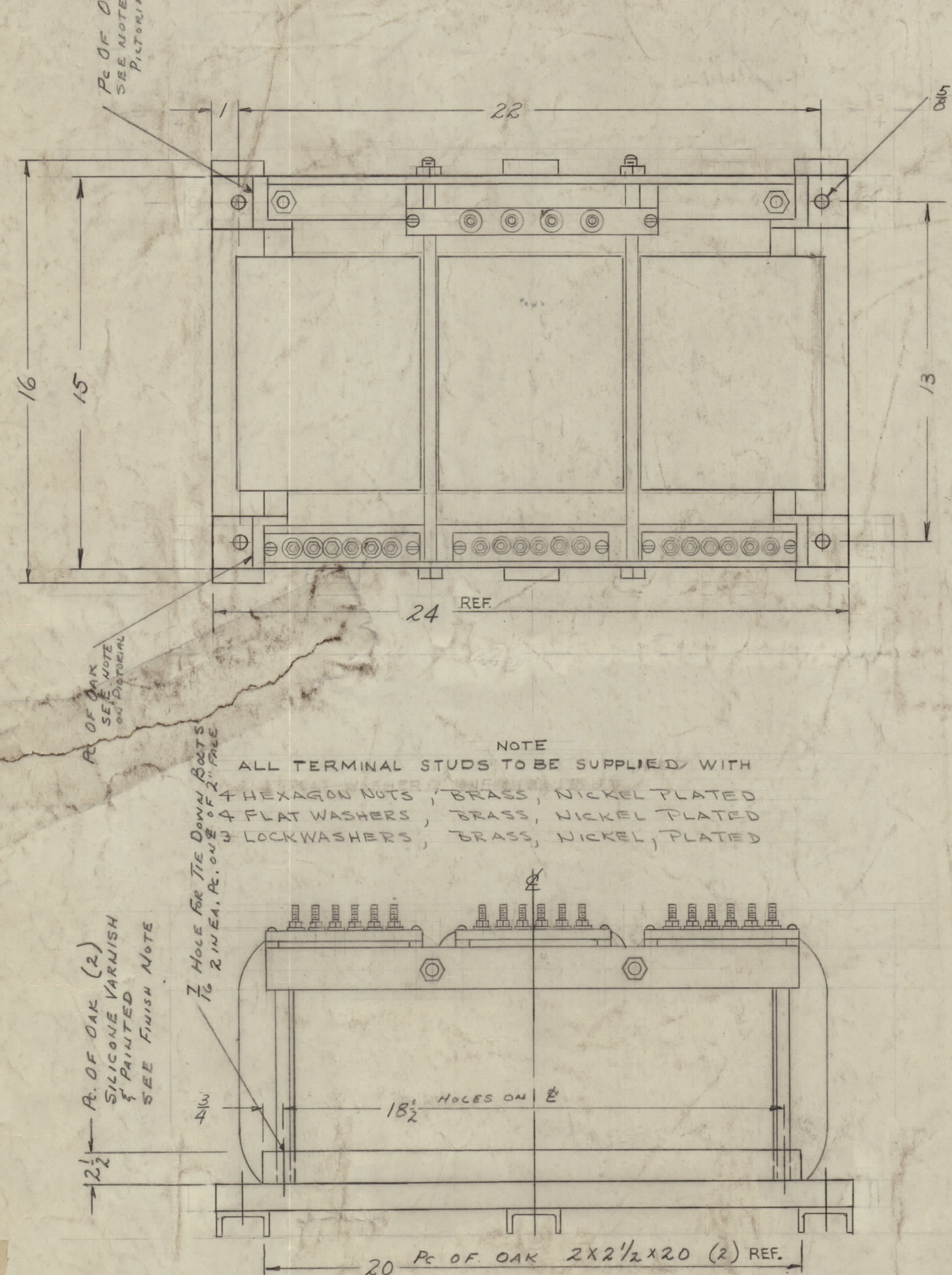
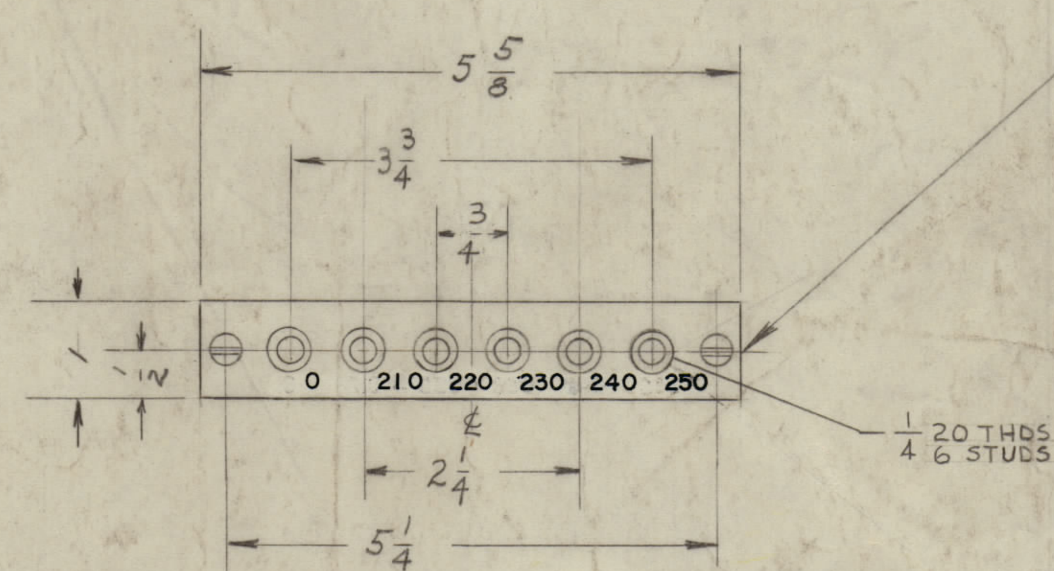
IF IT IS FOUND DESIRABLE TO CHANGE ANY TOLERANCE OR OTHER DETAIL SPECIFIED ON THIS DRAWING NOTIFY THE PURCHASER PROMPTLY.
MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS AND SHARP EDGES

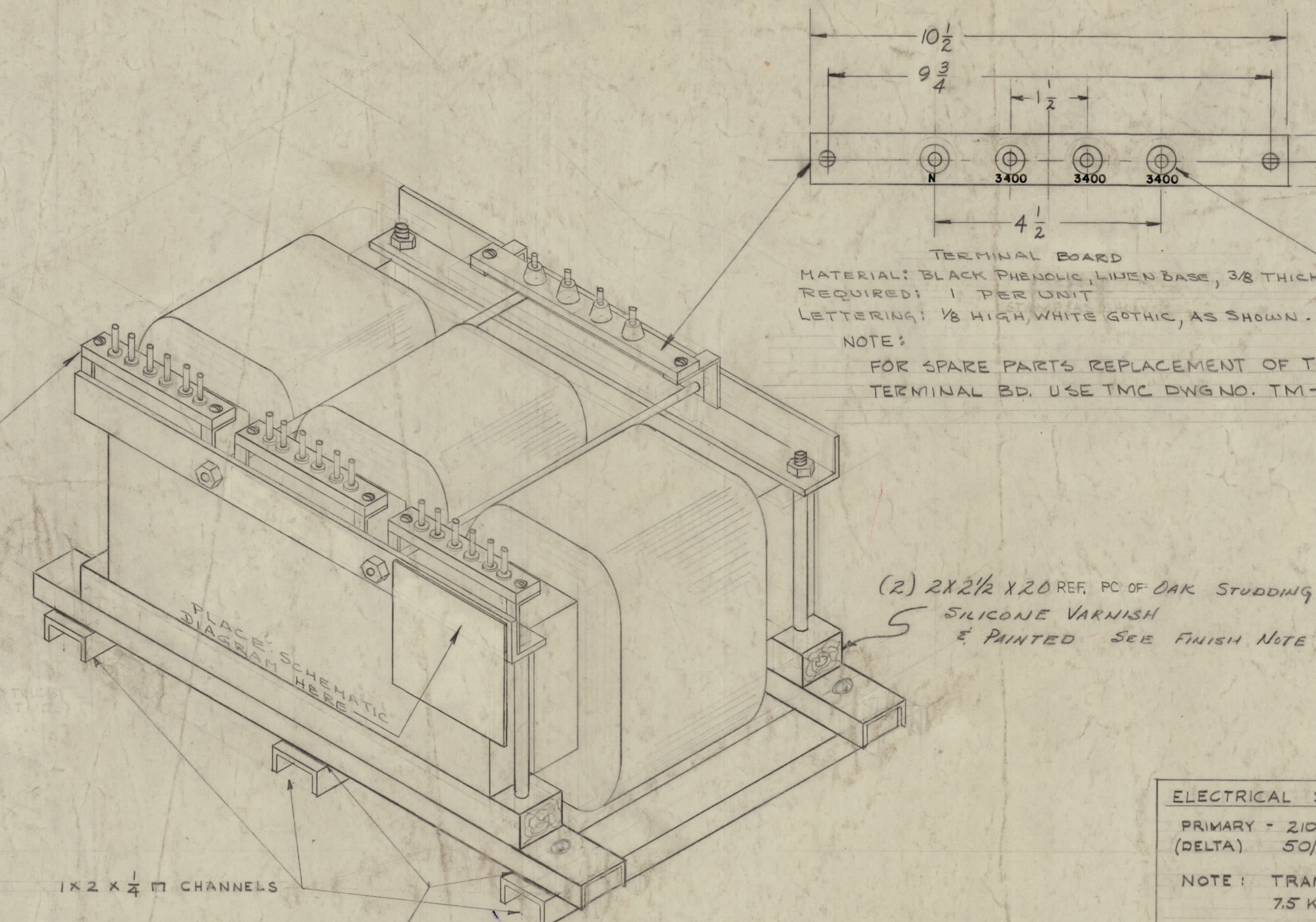




TERMINAL BOARD
MATERIAL: BLACK PHENOLIC, LINEN BASE, 3/8" THICK
REQ: 3 PER UNIT
LETTERING: 1/8 HIGH, WHITE GOTHIC, AS SHOWN

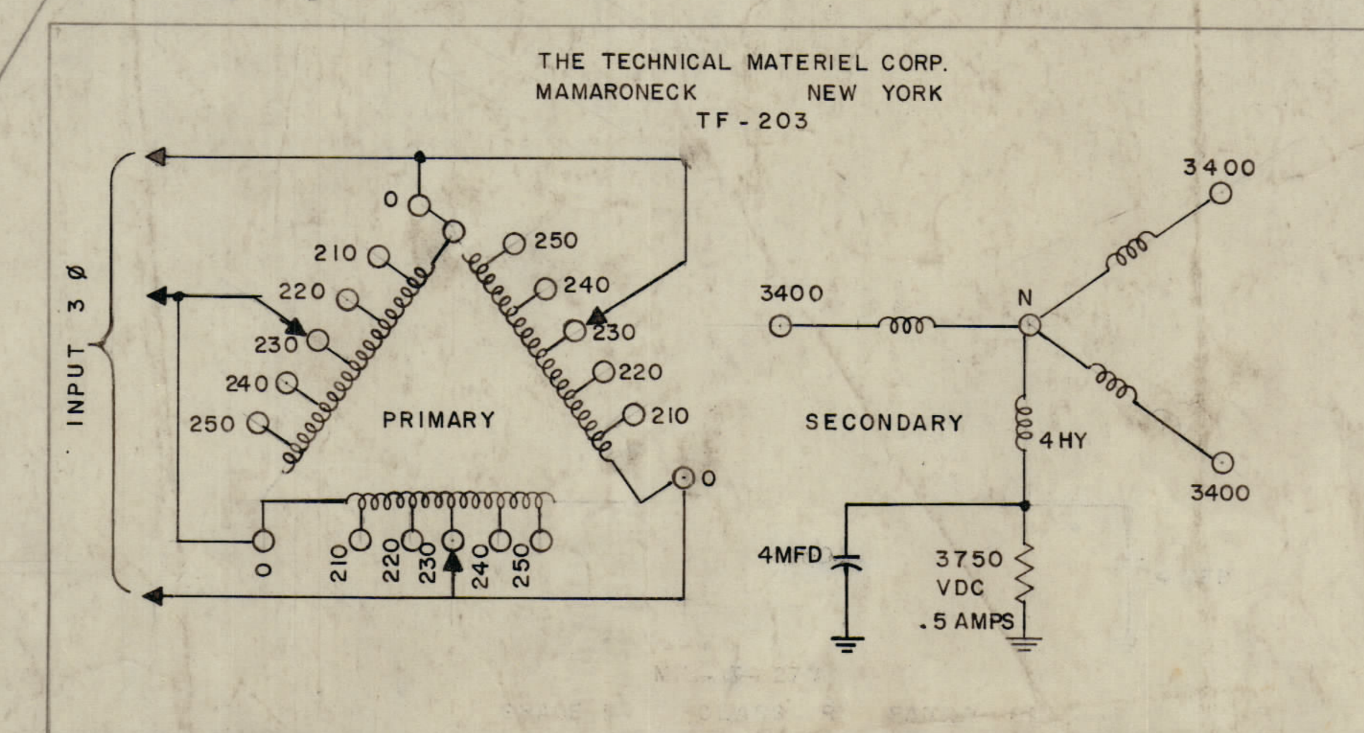
NOTE~
FOR SPARE PARTS REPLACEMENT OF THIS TERMINAL BOARD, USE TMC DWG NO: TM-122

NOTE
ALL TERMINAL STUDS TO BE SUPPLIED WITH
4 HEXAGON NUTS, BRASS, NICKEL PLATED
4 FLAT WASHERS, BRASS, NICKEL PLATED
3 LOCKWASHERS, BRASS, NICKEL, PLATED



TERMINAL BOARD
MATERIAL: BLACK PHENOLIC, LINEN BASE, 3/8 THICK.
REQUIRED: 1 PER UNIT
LETTERING: 1/8 HIGH, WHITE GOTHIC, AS SHOWN.
1/4-20 THD'S. 4-STUDS WITH STEATITE INSULATORS

NOTE:
FOR SPARE PARTS REPLACEMENT OF THIS TERMINAL BD. USE TMC DWG NO. TM-125



(SCHEMATIC DIAGRAM (PLACE AS SHOWN ABOVE)

ELECTRICAL SPECIFICATIONS:

PRIMARY - 210, 220, 230, 240, 250 VAC,
(DELTA) 50/60 CPS, THREE PHASE.

NOTE: TRANSFORMER SHALL PRODUCE 7.5 KVDC AT 2.5 AMPS (MAX).

SECONDARY: 3400 VAC EACH LEG.
(WYE) THE SECONDARY NEUTRAL POINT SHALL DELIVER 3750 VDC AT 0.5 AMPS. WITH CIRCUIT AS SHOWN IN SCHEMATIC.

TEST VOLTAGES - AS PER MIL-T-27A
INSULATION - AS PER MIL-T-27A

MECHANICAL SPECIFICATIONS:

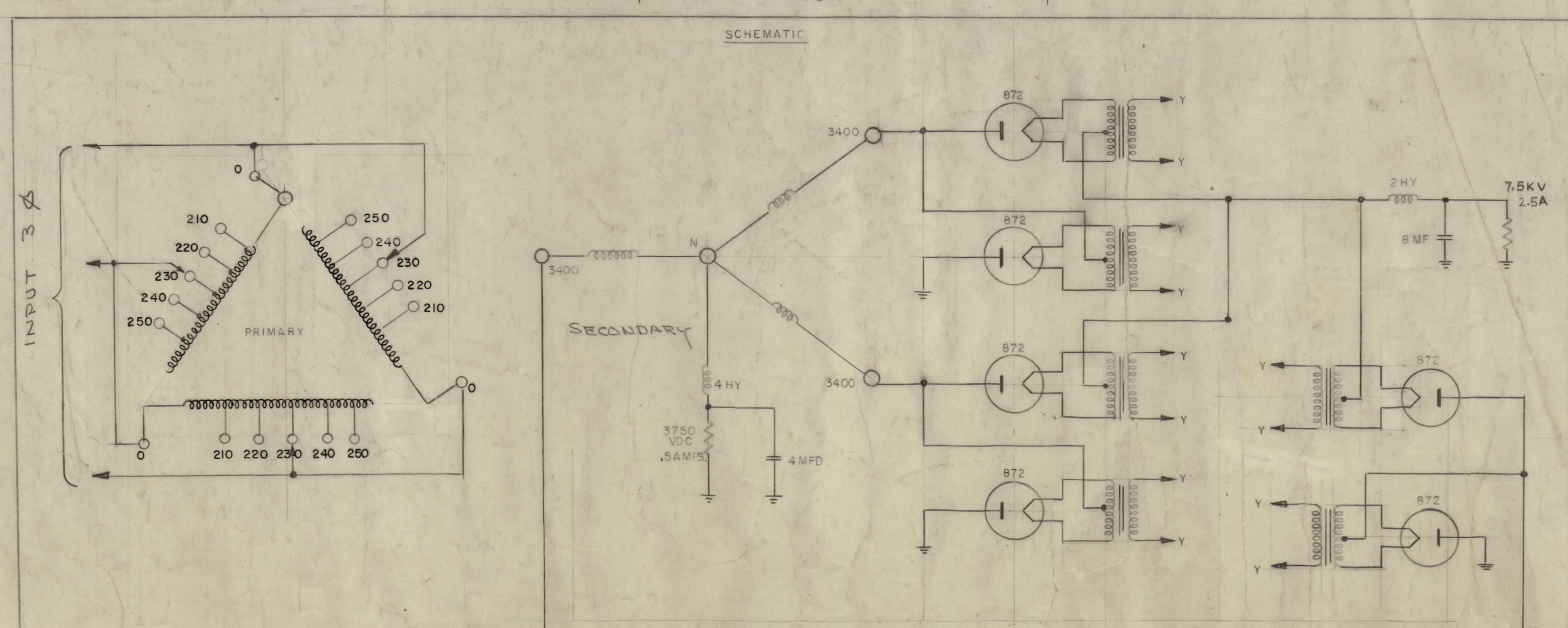
CONSTRUCTION - OPEN FRAME TYPE, WITH "U" CHANNELS & ANGLES AS SHOWN.

FINISH - TMC SMOOTH GREY ENAMEL (S115) EXCEPT TERMINAL STRIPS & TERMINALS

TF-203 | K

NOTE:
MANUFACTURED IN ACCORDANCE WITH MIL SPEC T-27-A EXCEPT THAT MIL SPEC T-27-A SHALL NOT APPEAR ON CASE AND QUALIFICATION TESTING IS NOT REQUIRED.

SCHEMATIC



— SPECIFICATIONS —

Pri Wire: Double Daglass wgt. per coil 24 lbs.
Sec Wire: Double Polythermaleze wgt. per coil 27 lbs.
Layer Insulation: Fish Paper
Winding Insulation: 15 Layers .010 Fibremat under Sec-8 layers .010.
Fibremat over sec.
Lamination: Transformer Grade C annealed after cutting stack 3 X 3.
Total wgt. required 280 lbs.
Terminal Hardware: All Brass Nickel Plated.
Impregnation: Preheat laminated unit 12 hours at 250° F.
Vacuum Varnish impregnate.
Bake 15 hours at 275° F.
Repeat Vacuum Varnish
Impregnation and bake for 15 hours at 275° F.

ISSUE	ITEM	CHANGED FROM	DATE	CN. NO.	DRAFTS	CHECKER	ENG. APP.
K		MAX AMPS WAS 1.6 (7.5KV)	11.22.66	17307	WW	JCB	[illegible]
J		REV. LETTERING LOC. ADD REF. TO DIM 16, 1, 12 3/4, 13. DELE 26" DIM. RELOC. 4MFD ON SCHEMATIC.	8.22.66	16799	RME	JCB	[illegible]
H	1	UPDATED DWG	11/26/63	10479	[illegible]	[illegible]	[illegible]
G	1	ON SCHEMATIC, TRANSFORMER CONN. BETWEEN "0" & "250" DELETED	3-26-63	8661	[illegible]	[illegible]	[illegible]
F	1	RELOCATED SCHEMATIC DIAGRAM	6-5-62	6762	V.RR	[illegible]	[illegible]
E	1	SPEC. NOTED ADDED	1-3-62	6138	L.L.	[illegible]	[illegible]
D	1	SPARE PARTS NOTE ADDED	1-17-61	3946	RL	JCB	[illegible]
C	1	NOTE ADDED (MIL-T-27-A)	6-28-60	2572	[illegible]		
B	1	OAK PC'S SHOWN 26 CHANNEL WAS 24	1/29/59	730	[illegible]	[illegible]	ARB
A	3 2 1	MTG HOLE 22 WAS 26 ADDED MIDDLE CHANNEL DELETED LIFTING HOOKS	11/24/58		[illegible]	E.G.	ARB

TOLERANCES			SCALE:
ALL OTHERS	DEC. DIM. ± FRAC. DIM. ± ANGULAR DIM. ±	A	DRILL, PUNCH, COMMERCIAL STOCK SIZES AND MANUFACTURERS TOLERANCES ARE NOT INCLUDED.

FORM—111

REQ PER UNIT	MODEL	PROJECT NO.	ASS'Y. NO.	DATE
1	GPT, 10K			

USED ON

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

STOCK SIZE | MATERIAL | WEIGHT PER PC. | TYPE & TEMPER | HEAT TREAT. SPEC. | FINISH & SPEC. NO.

TRANSFORMER, POWER
STEP-UP, THREE PHASE

DRAWN	ELEC. DES. APP.	MECH. DES. APP.
Tortilla	S.F.G.	

CHECKED	FINAL APPROVAL
[illegible]	ARB

Supercedes ENG. SK. 2-1191 | TF-203 | K