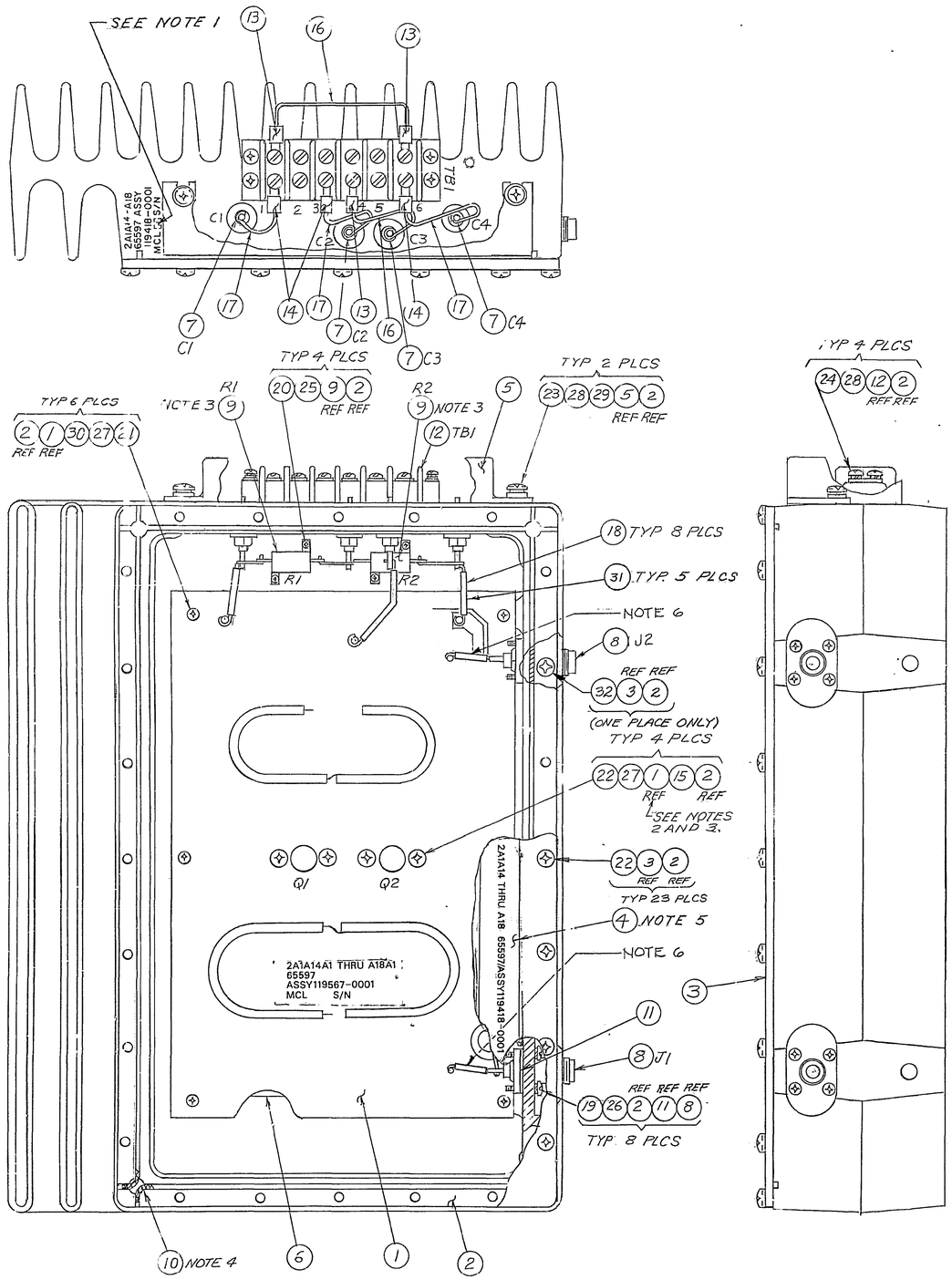

PART NO. —//— SHOWN

NOTES:

1. MARK OR STAMP THE LETTER SPECIFIED IN THE MODULE CONTROL STATUS BLOCK ADJACENT TO THE "MCL" AND SERIAL NUMBER ASSIGNED BY PRODUCTION CONTROL ADJACENT TO "S/N" ON THE ASSEMBLY PER WILCOX N.R. .03,06.02 SPECIFICATION 104731066 METHOD 3.

MODULE CONTROL STATUS		
ASSY NO.	MCL	DATE
119418-0001	A	9-9-81

2.- 01 AND 02 ARE PART OF ITEM 1.

3.- USE ITEM 15 WHEN INSTALLING 01,02,R1 AND R2.

4. INSTALL SOLDERED ENDS OF ITEM 10 INTO ITEM 2 AS SHOWN SO THAT ENDS OF ITEM 10 DO NOT PROTRUDE BEYOND EDGES OF ITEM 2. COMPRESS SOLDERED ENDS INTO GROOVE SECURELY.

5. MOUNT LABEL (ITEM 4) ON TOP SURFACE OF COVER AND LOCATE IN APPROXIMATE CENTER. ORIENTATE LABEL TO CORRESPONDING CONNECTORS.

6. MAKE WIRE LENGTH AS SHORT AS PRACTICAL FOR J1 & J2 INTERCONNECT TO P.W. BOARD.

REVISIONS

ZONE	LTR.	DESCRIPTION	DATE	APPROVED
	A10	REVISED & REDRAWN, FOR WAS [illegible]		
	A10	L/M - ADDED ITEM D - TRD REF DATA. PER CMCN NONE. R.KEITH/RKO. 10-1-81		
	A11	FRONT PICT: ITEM CALLOUT 10 ADDED 'NOTE 4'; ADDED NOTE 4. PER CMCN 1024. M.GONZALES 12-3-81	12-7-81	J. Horak
	A12	REVISED EXTENSIVELY PER CMCN 1200 MMM 2-12-82	2-19-82	L. Dumont
	A13	L/M - ITEM 3 WAS: PN 484840-0001 PER CMCN 1356. R.KEITH 3-4-82	3-5-82	J. Horak
	A14	REVISED ITEMS 13 & 14 PER CMCN 1379. JLS 3-11-82	3-16-82	[illegible]
	A15	TOP PICT: REF DES WAS 2A1A4-A18; BOTTOM PICT ADDED CALLOUT NOTE 6 2PLACES; ADDED NOTE 6; L/M ITEM 17 ADDED P/N 37TB6. PER CMCN 1391. jls 3-16-82	3-16-82	[illegible]
	A16	L/M - ADDED ITEM 32; ITEM 22 -0001 QTY 27 WAS 28, ITEMS 3 & 4 ADDED NOTE 5 ref. FRONT PICT - ADDED ITEM CALLOUTS 22,3ref,2ref, typ 23 plcs; 32, 3 ref, 2 ref, one plc only. TOP PICT - DELETED ITEM CALLOUTS 2ref, 3ref, 22, typ 24 plcs. PER CMCN 1608. R.KEITH 6-21-82	6/22/82	RED for J. Horak
	A16	FINAL RELEASE PER ERF F3B	7-23-82	RK
	B	L/M - ITEM 20 WAS PN 915011-0005, ID NO WAS MS51957-5, DESC: WAS: SCREW, MACH 2-56 X 3/8 PHPHMS, PER ECN 39284. R.KEITH 9-15-82	[illegible]	[illegible]
	C	L/M - ITEMS 16,17,18,31 WAS QTY A/R. PER ECN 39944 R.KEITH 1-27-84	2/1/84	[illegible]

* VENDOR ITEM - SEE SPEC CONTROL DWG.

	B 915012-0013						1	32	MS51957-13	SCREW, MACH 4-40 X 1/4		MS51957
*	A314159-1000						5.25"	31		INSULATION, ELECT. TUBING		
	B 925000-0803						6	30	MS15795-803	WASHER, FLAT, NO. 4		MS15795
	B 925001-0004						2	29	AN 960C6	WASHER, FLAT NO. 6		AN 960
	B 926001-0079						6	28	MS 35338-0079	WASHER, SPLIT NO. 6		MS 35338
	B 926001-0078						10	27	MS 35338-0078	WASHER, SPLIT NO. 4		MS 35338
*	B 276370-0001						8	26		WASHER, SPLIT NO. 3		
	B 926001-0077						4	25	MS 35338-134	WASHER, SPLIT NO. 2		MS 35338
	B 915013-0031						4	24	MS 51957-31	SCREW, MACH. 6-32 X 5/8 PHPHMS		MS 51957
	B 915013-0028						2	23	MS 51957-28	SCREW, MACH. 6-32 X 3/8 PHPHMS		MS 51957
	B 915012-0014						27	22	MS 51957-14	SCREW, MACH. 4-40 X 5/16 PHPHMS		MS 51957
	B 915012-0015						6	21	MS 51957-15	SCREW, MACH. 4-40 X 3/8 PHPHMS		MS 51957
	B 915011-0004						4	20	MS 51957-4	SCREW, MACH. 2-56 X 5/16 PHPHMS		MS 51957
*	B 103760-0004						8	19		SCREW, MACH. 3-56 X 5/16 PHPHMS		
	B 110830-0016						13"	18	TYPE S	WIRE, TINNED, 16 AWG		QQ-W-343
	A 889014-2222						5.75"	17	TYPE E-14	WIRE, 14 AWG, RED		MIL-W-16878/4
	A 889022-9999						5.5"	16	TYPE E-24	WIRE, 22 AWG, WHT		MIL-W-16878
	A065787-0001						A/R	15		COMPOUND, SILICON (HEAT SINK)		
	A025996-0006						3	14	MS 25036-105	TERMINAL LUG, SPADE-CRIMP #6		MIL-T-7928
	A025996-0002						3	13	MS 25036-101	TERMINAL LUG, SPADE-CRIMP #5		MIL-T-7828
*	B 031850-0006						1	12	37TB6	TERMINAL BD MOLDED BARRIER		MIL-T-55164/1
*	A 265124-0001						2	11		GASKET, CONNECTOR		
	B 265123-0002						1	10		GASKET, SHIELDING		
	A 858210-2000						2	9	RER60FR200M	RESISTOR, FIXED R1,R2		MIL-R-39009/1
	A 875601-0001						2	8	M 39012/32-0001	CONNECTOR, COAXIAL J1, J2		M 39012/32
	A 833022-0087						4	7	M 39014/16-0087	CAPACITOR, FIXED, C1, C2, C3, C4		MIL-C-39014/16
	C 684211-0001						1	6		BOARD, INSULATOR (PWR. AMPL)		
	C 488869-0001						1	5		COVER, WIRING		
	D704820-0001						1	4		LABEL, PWR. AMPL.	5	
	C 488840-0001						1	3		COVER, ENCLOSURE RF	5	
	D 281856-0001						1	2		ENCL. RF DRVR AND PWR AMPL.		
	D 119567-0001						1	1		CIRCUIT CARD ASSY., POWER AMPL.		
	A 1291-3P51R-1							D		TEST REQ DOCUMENT		
	TP 119418-0001							C		PRODUCTION TEST PROCEDURE		
	E 305122							B		SCHEMATIC, POWER AMPL		
	D 119418-0001							A		POWER AMPLIFIER ASSY.		
WILCOX ELECTRIC PART NO.							0001	ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL OR NOTE	SPECIFICATION / CODE IDENT. NO.

QUANTITY REQUIRED — LIST OF MATERIALS OR PARTS LIST

ALL DIMENSIONS ARE SHOWN IN INCHES. ALL DIMENSIONS APPLY AFTER FINISH. REMOVE ALL BURRS AND SHARP EDGES.

TOLERANCES UNLESS OTHERWISE SPECIFIED
2 DECIMAL .XX ± .02
3 DECIMAL .XXX ± .010
FORMED ANGLE ± 1.0°
HOLE DIAMETERS ± .005
MACH. SURFACES 125 μ

DRAWN BY	T. Willy	7-31
DRAFTING APPROVAL	[illegible]	9-18-81
M. E. APPROVAL	[illegible]	9-18-81
W. E. APPROVAL	J. Horak	9-21-81
COMP. APPROVAL	—	
CONF. MGMT.	R Keith	7-23-82

CONTRACT NO. FA79WA-4317

WILCOX ELECTRIC, INC. KANSAS CITY, MO. • U.S.A.
A Subsidiary of Northrop Corporation

POWER AMPLIFIER ASSEMBLY

DASH NO.	NO. REQD.	NEXT ASSY	USED ON
0001	5	098393-0100	098390-0151 VORTAC

APPLICATION

MATERIAL: —//—
FINISH: —//—

APPROVED
APPROVED

SIZE D | CODE IDENT. NO. 65597 | 119418

SCALE 1/1 | SHEET 1 OF 1