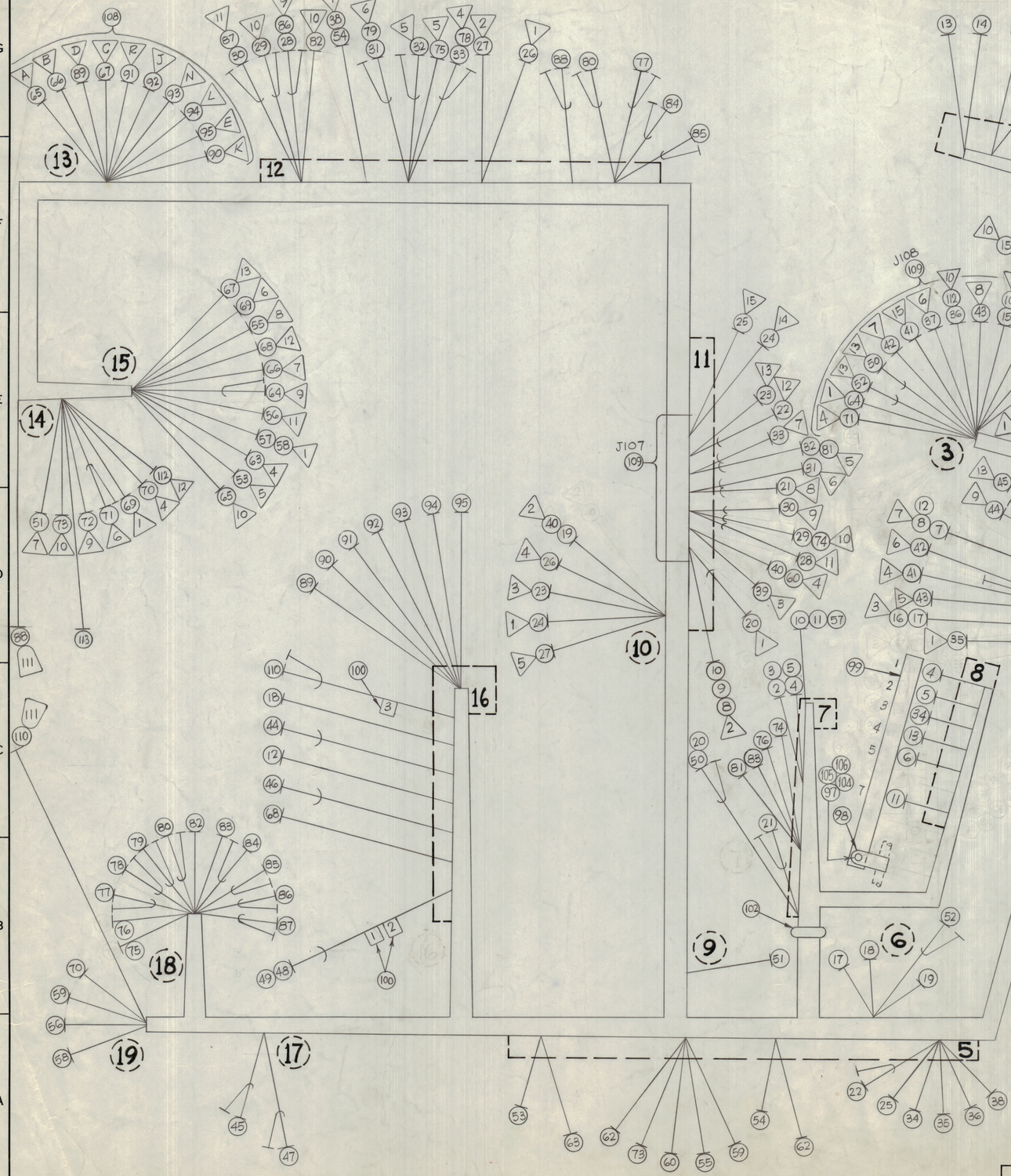

THIS SYMBOL INDICATES END OF SLEEVING

THIS SYMBOL DENOTES END OF INSULATION AND NAIL DRIVING POINT. WIRE MUST BE STRIPPED 3/4" BEYOND THIS POINT AND TINNED 1/2" UNLESS OTHERWISE SPECIFIED.

PIGTAIL

THE ABOVE SYMBOL DENOTES END OF SHIELD, WHICH SHOULD BE TERMINATED AS SHOWN, LEAVING EXCESS SHIELDING AS A PIGTAIL. TIN PIGTAIL 1/4 INCH.

SYMBOL	DENOTES
○	= ITEM NOS.
△	= PIN NOS.
□	= WIRE MARKERS
⬭	= BREAKOUTS
⏢	= PLUG

UNLESS OTHERWISE SPECIFIED
WIRES SHOULD BE PLACED IN CABLE IN NUMERICAL SEQUENCE AS THEY APPEAR IN ITEM COLUMN BY CATEGORY.
1. ALL R.F. CABLES
2. ALL SHIELDED CABLES
3. ALL OTHERS
SPACE LACING APPROXIMATELY 3/4" APART.

3/4

FROM	TO	REQ'D	ITEM	PART NUMBER	DESCRIPTION
3	14		113	MWC22(7)U7	WIRE ELECT. INS.
3	14		112	MWC22(7)U0	WIRE ELECT. INS.
		2	111	PL244-1	CONN, PL, RF, BNC
16	19		110	RG174/U	CABLE, RF
		4	109	JJ319-A15SFD	CONNECTOR, RECP, FEMALE, PC
		1	108	MS3102A20-29S	CONNECTOR, RECP, FEMALE
		1	107	MS3102A14P-1P	CONNECTOR, RECP, FEMALE
		1	106	NTM0632BN8	NUT, PLAIN, HEX
		1	105	LWE06MRN	WASHER, LK, EXTERNAL
			104	FW06MRN	WASHER, FLAT
		X	103	CD101-1-MW	CORD, NYLON, LACING
		1	102	EY102-5	GROMMET, RUB/3/8 I.D.
		X	101	BS100	SOLDER, TIN, ALLOY
			100	LA101	BAND, CABLE No. 1thru 3
		1	99	TM105-10AL	TERM, BD-FNG
		1	98	CU102-3	CLAMP, LOOP/1/4D
		1	97	SCBP0632BN7	SCREW, MACHINE
		X	96	FX830-18-1	INS, SLVG-SHRINK
13	16		95	MWC22(7)U93	WIRE, ELEC, INSULATED
13	16		94	U97	
13	16		93	U91	
13	16		92	U95	
13	16		91	U94	
13	16		90	U92	
13	16		89	MWC22(7)U98	WIRE, ELEC INSULATED
12	14		88	RG174/U	CABLE, RF
12	18		87	MWC22(7)SJ4	CABLE, SPLIT, SHLD/JKT.
12	18		86	SJ92	CABLE, SPLIT, SHLD/JKT.
12	18		85	SJ93	CABLE, SPLIT, SHLD/JKT.
12	18		84	SJ94	CABLE, SPLIT, SHLD/JKT.
7	18		83	U1	WIRE, ELEC., INSULATED
12	18		82	U9	WIRE, ELEC, INSULATED
7	11		81	U90	WIRE, ELEC, INSULATED
12	18		80	SJ5	CABLE, SPLIT, SHLD/ JKT
12	18		79	SJ92	
12	18		78	SJ91	
12	18		77	SJ4	CABLE, SPLIT, SHLD/JKT.
7	18		76	U94	WIRE, ELEC, INSULATED
12	18		75	U7	
7	11		74	U97	
5	14		73	U3	
3	14		72	U93	WIRE, ELEC, INSULATED
3	14		71	U92	CABLE, SPLIT, SHLD/JKT
14	19		70	U2	WIRE, ELEC, INSULATED
14	15		69	U5	WIRE, ELEC, INSULATED
15	16		68	U90	CABLE, SPLIT, SHLD/JKT
13	15		67	U94	WIRE, ELECTRICAL, INS.
3	15		66	MWC22(7)U7	WIRE, ELECTRICAL, INS.
13	15		65	MWC22(7)U96	WIRE, ELECTRICAL, INSULATED
2	15		64	SJ92	CABLE, SPLIT, SHIELD/ JACKET
5	15		63	U93	WIRE, ELECTRICAL, INSULATED
5	5		62	U3	
			61	DELETED	
5	11		60	U3	
5	19		59	U2	
15	19		58	U2	
7	15		57	U2	
15	19		56	U90	
5	15		55	U95	
5	12		54	U0	
5	15		53	U94	WIRE, ELECTRICAL, INSULATED
3	6		52	SJ95	CABLE, SPLIT, SHIELD/ JACKET
9	14		51	U92	WIRE, ELECTRICAL, INSULATED
5	7		50	SJ1	CABLE, SPLIT, SHIELD/ JACKET
2	16		49	SJ98	
2	16		48	SJ97	
2	17		47	SJ92	
2	16		46	SJ91	
4	17		45	SJ95	
4	16		44	SJ96	
3	4		43	SJ94	
3	4		42	SJ92	
3	4		41	SJ90	CABLE, SPLIT, SHIELD/ JACKET
10	11		40	U3	WIRE, ELECTRICAL, INSULATED
2	11		39	U0	WIRE, ELECTRICAL, INSULATED
5	12		38	U0	WIRE, ELECTRICAL, INSULATED
2	3		37	MWC22(7)U0	WIRE, ELECTRICAL, INSULATED
3	5		36	MWC22(7)U0	WIRE, ELECTRICAL, INSULATED
4	5		35	U0	WIRE, ELECTRICAL, INSULATED
5	8		34	U0	WIRE, ELECTRICAL, INSULATED
11	12		33	MWC22(7)SJ4	CABLE, SPLIT, SHIELD/ JACKET
11	12		32	MWC22(7)SJ92	CABLE, SPLIT, SHIELD/ JACKET
11	12		31	MWC22(7)SJ93	CABLE, SPLIT, SHIELD/ JACKET
11	12		30	SJ98	CABLE, SPLIT, SHIELD/ JACKET
11	12		29	SJ96	CABLE, SPLIT, SHIELD/ JACKET
11	12		28	SJ91	CABLE, SPLIT, SHIELD/ JACKET
10	12		27	U8	WIRE, ELECTRICAL, INSULATED
10	12		26	U4	
5	11		25	U5	
10	11		24	U6	
10	11		23	U96	WIRE, ELECTRICAL, INSULATED
5	11		22	SJ91	CABLE, SPLIT, SHIELD/ JACKET
7	11		21	SJ96	CABLE, SPLIT, SHIELD/ JACKET
7	11		20	SJ95	CABLE, SPLIT, SHIELD/ JACKET
6	10		19	U9	WIRE, ELECTRICAL, INSULATED
6	16		18	U3	
4	6		17	U3	
3	4		16	U3	
2	3		15	U3	
1	2		14	U3	
1	8		13	U3	
4	16		12	U2	
7	8		11	U92	
7	11		10	U2	
3	11		9	U2	
4	11		8	U2	
1	4		7	U2	
1	8		6	MWC22(7)U2	
7	8		5	MWC18(7)U98	
7	8		4	U0	
1	7		3	U0	
1	7		2	U90	
1	1		1	MWC18(7)U90	WIRE, ELECTRICAL, INSULATED

FROM TO BREAKOUT | REQ'D. | ITEM | PART NUMBER | DESCRIPTION | SYMBOL

POSE

LIST OF MATERIAL

NOTES

REVISIONS								
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
	X1	ADDED PIN NOS. ON ITEM 109 - ADDED IT. 110 & 111	11/15/65		HLA		
	Ø	ORIGINAL RELEASE FOR PRODUCTION	11/5/65		HLA		
	A	ON B/M REV. IT. 12,50,53,68,71,102; ON PICT. ADD. J101, REV. PINS A & C; REV. BREAKOUTS. 3, 4, 11 & 10	12/10/65	15411	HLA		
	B	IT. 112 & 113 ADDED	2-9-66	15652			

CA1166 B

THE TECHNICAL MATERIEL CORP.
MAMARONECK, NEW YORK

TITLE: WIRING HARNESS, MAIN

Q'TY/UNIT	MODEL USED ON	ASS'Y. NO.
1	VLRE-1	AX575

SCALE 1:1 | CODE

MATERIAL: —
FINISH: —

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

DECIMALS .X ± .05, .XX ± .01, .XXX ± .005 | FRACTIONS ± 1/64 | ANGLES ± 0° 30' | TOLERANCES

DRAWN H. AUSTIN DATE 8-24-65
CHECKED DATE 11/12/65
ELECT. DES. DATE 11/15/65
MECH. DES. DATE
FINAL APPROVAL DATE 11/15/65

SHEET | REV. LTR. B

M/LAK 11/15/65

CA1166 B

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TMC FORM 111 | REPROVEL NO. 440H