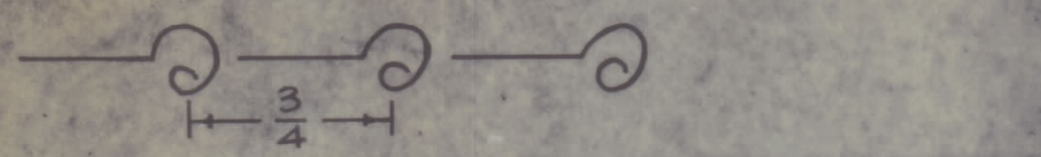


UNLESS OTHERWISE SPECIFIED
WIRES SHOULD BE PLACED IN CABLE IN NUMERICAL SEQUENCE
AS THEY APPEAR IN ITEM COLUMN BY CATEGORY.

1. ALL R.F. CABLES
2. ALL SHIELDED CABLES
3. ALL OTHERS

SPACE LACING APPROXIMATELY 3/4" APART.

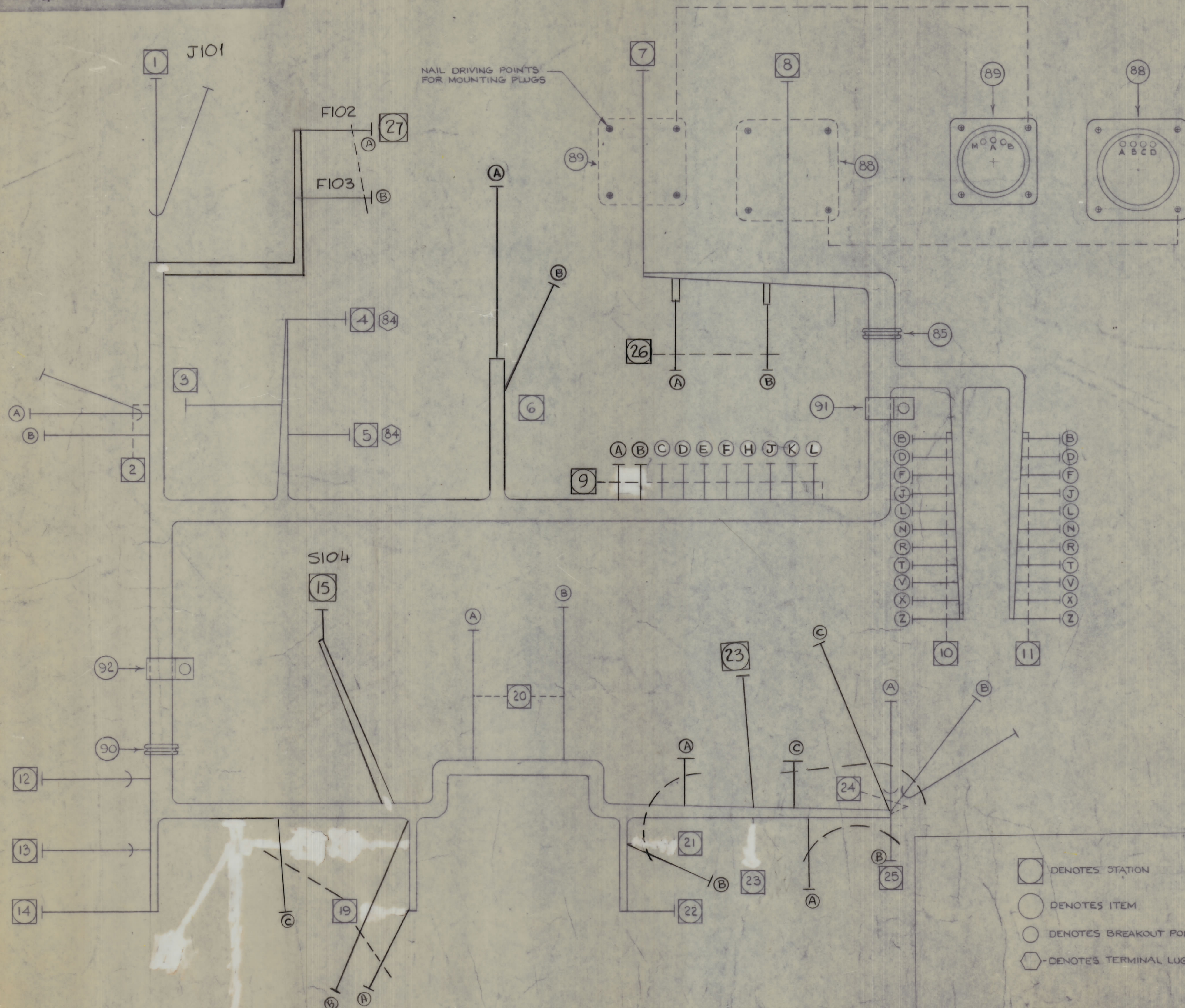


THIS SYMBOL DENOTES END OF INSULATION
AND NAIL DRIVING POINT. WIRE MUST BE
STRIPPED 3/4" BEYOND THIS POINT AND
TINNED 1/2" UNLESS OTHERWISE SPECIFIED.

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

THIS SYMBOL INDICATES END OF SHIELDING.

REVISIONS						
ZONE	SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD
		ORIGINAL RELEASE FOR PRODUCTION	1/2/72			



- DENOTES STATION
- DENOTES ITEM
- DENOTES BREAKOUT POINT
- ⬡ DENOTES TERMINAL LUG



REQ'D.	ITEM	PART NUMBER	DESCRIPTION	SYMBOL
S.D.				
LIST OF MATERIAL				
MATERIAL			THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK	
FINISH			TITLE	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES			DRAWN 12-12-71	DATE 1-6-72
TOLERANCES			FINAL APPROVAL S. DeMarco	DATE 12-12-71
DECIMALS ± .005			ELECT. DES. 12-12-71	DATE 12-12-71
FRACTIONS ± 1/64 ANGLES ± 30'			REVISIONS 1	REV. LTR. Ø

NOTES

THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY
OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR
REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.

REQ	ITEM	PART NUMBER	BREAKOUT		DESTINATION OR DESCRIPTION	
			FROM	TO	FROM	TO
	1	MWC22 (7) U8	1	27-A	J101	F102
	2		1	27-B	J101	F103
	3	90	24-B	27-B	S101	F103
	4	98	24-B	27-A	S101	F102
	5	9	24-A	2-A	S101	T101-1
	6	MWC22 (7) U8	24-A	2-A	S101	-4
	7	MWC24 (7) U7	14	3	F101	-8
	8	9	24-C	3	DS104	-7
	9	9	7	3	J102-D	-7
	10	1	6-A	3	PS/TB-3	-6
	11	91	6-A	2-B		-5
	12	93	6-A	3		-9
	13	3	6-A	3		T101-10
	14	2	6-A	5		C102 (+)
	15	92	6-A	12		F105
	16	94	6-A	13		F104
	17	0	4	3	PS/TB-4	GRD (T101)
	18	0	5	3	C101 (-)	
	19	0	16	2-B	C102 (-)	
	20	0	15	2-B	F104	
	21	4	4	6-A	F105	
	22	7	25	14	C101 (+)	
	23	9	24-C	23	DS108	
	24	9	23	21-A	DS104	
	25	9	21-A	21-B	DS105	
	26	9	21-B	19-A	DS103	
	27	9	21-B	19-A	DS106	
	28	9	19-A	19-B	DS107	
	29	9	19-B	19-C	DS101	
	30	97	23	10-J	DS101	
	31	7	24-C	14	DS108	J104-7
	32	7	23	11-B	DS105	F101
	33	7	19-C	11-D	DS102	J104-A
	34	7	19-B	11-J	DS101	-D
	35	7	21-B	11-T	DS106	-K
	36	7	21-A	11-X	DS103	-S
	37	7	19-A	10-Z	DS107	-W
	38	97	14	11-D	F101	-22
	39	93	20-B	10-V	S102-10	-C
	40	94	20-B	10-X	-11	-18
	41	91	20-B	10-X	-8	-19
	42	92	20-B	11-Z	A102-9	-20
	43	91	9-A	10-T	TB101-1	-Y
	44	92	9-B	10-N		-16
	45	93	9-C	11-L		-12
	46	94	9-D	11-J		-L
	47	9	9-E	11-R		-H
	48	8	9-F	10-B	TB101-6	-P
	49	98	15	11-Z	S104-W2-9	-2
	50	MWC24 (7) U4	8	11-N	J103-X	-Z
			4	10-J	C101 (+)	-M
						J104-7

REQ	ITEM	PART NUMBER	BREAKOUT		DESTINATION OR DESCRIPTION	TO
			FROM	TO		
51	MWC18(16)U0		6-B	10-B	GRD (CR103)	J104-1
52	MWC24(7)U1		8	11-B	J103-A	-B
53		3	8	11-F	-B	-F
54		9	8	11-J	-C	-J
55		5	8	11-N	-D	-N
56		964	8	10-F	-T	-5
57		8	8	11-X	-F	-X
58		951	8	10-T	-G	-15
59		911	8	10-R	-H	-14
60		961	8	10-V	-J	-17
61		952	8	10-N	-K	-11
62		922	8	10-L	-L	-10
63		962	8	10-R	-M	-13
64		953	8	10-J	-N	-8
65		933	8	10-F	-P	-6
66		963	8	10-L	-Q	-9
67		954	8	10-D	-R	-4
68		944	8	10-D	J103-S	J104-3
69		0	6-A	6-B	PS/TB-5 (GND)	CR103
70		91	7	9-A	J102-M	TB101-1
71		92	7	9-B	J102-L	TB101-2
72		93	7	9-C	J102-N	TB101-3
73		94	7	9-D	J102-P	TB101-4
74		9	7	9-E	-T	TB101-5
75		8	7	9-F	-R	TB101-6
76		97	7	14	J102-C	F101
77		965	26-B	8	K102-8	J103-U
78		95	26-B	8	K102-9	J103-V
79		955	26-B	8	K102-10	J103-W
80		4	7	4	J102-B	C101(+)
81		0	9-J	6-B	TB101-8	GRD (CR103)
82		9	9-E	20-B	TB101-5	S102-2 (REAR)
83	MWC24(7)U0		2-B	20-A	GRD(T101)	GRD (S102)
84	TE159-34161				LUG, TERMINAL	
85	EY102-22				GROMMET	
86	CD101-1MW				LACING TAPE	
87	BS100				SOLDER	
88	MS3102A-24-28S				PLUG (FEM 1)	
89	MS3102A-20-29S				PIJG (FEM 1)	
90	EY102-8				GROMMET	
91	CU102-5				CLAMP	
92	CU102-7				CLAMP	
93	MWC24(7)U6		8	11-U	J103-E	J104-V
94		90	15	26-A	S104-W2-6	F101-1
95		95	9-L	26-B	TB101-10	S104-W3-C
96		95	26-3	7	K102-1	J102-J
97		9	9-E	19	TB101-5	S104-2 REAR
98		9	11-R	26-B	J104-P	K102-6
99		94	11-J	26-A	J104-H	K101-7
100	MWC24(7)U93		11-L	26-A	J104-L	K101-10

REQ ITEM	PART NUMBER	BREAKOUT		DESTINATION OR DESCRIPTION	
		FROM	TO	FROM	TO
101	MWC24 (7) U92	10-N	26-A	J104-12	K101-13
102	91	10-T	26-A	J104-16	K101-16
103	2	5	8	C102 (+)	J103-Z
104	4	10-J	24-C	J104-7	DS109
105	1	19-B	8	DS108	J103-Y
106	3	19	26-A	S104-11 FRONT	K101-6
107	4	19	26-A	S104-10 FRONT	K101-9
108	5	19	26-A	S104-9 FRONT	K101-12
109	MWC24 (7) U6	19	26-A	S104-8 FRONT	K101-15
110	MWC24 (7) U95	7	15	J102-J	S104-W3-1
111	MWC24 (7) U98	9-H	20	TB101-7	S102-W2-12
112	MWC24 (7) U90	9-K	15	TB101-9	S104-W2-12

REQ ITEM	PART NUMBER	BREAKOUT		DESTINATION OR DESCRIPTION	
		FROM	TO	FROM	TO
		S10412R		S10412R	
		S10411R		S10411F	
		S10410R		S10410R	
		S1049R		S1049F	
		S1028R		S1028F	
		S1029R		S1029F	
		S10210R		S10210F	
		S10211R		S10211F	
		S104-W3-1		S104-W3-2	
		S104-W3-5		S104-W3-6	
		S104-W2-6		S104-W2-5	
		S104-W2-5		S104-W2-2	
		S104-W2-2		S104-W2-1	
		S102-W2-9		S102-W2-7	
		S102-W2-7		S102-W2-6	
		S102-W2-6		S102-W2-3	
		S102-W2-3		S102-W2-1	
		J102-A		GND	
		K102-7		K102-1	
		1N4245 ACROSS K101		1N4245 ACROSS K101 & K104	
		1N4245 ACROSS K102		1N4245 ACROSS K102 & K104	
		+25V CR103 THRU RESISTOR		+25V CR103 THRU RESISTOR TO K102-4	