

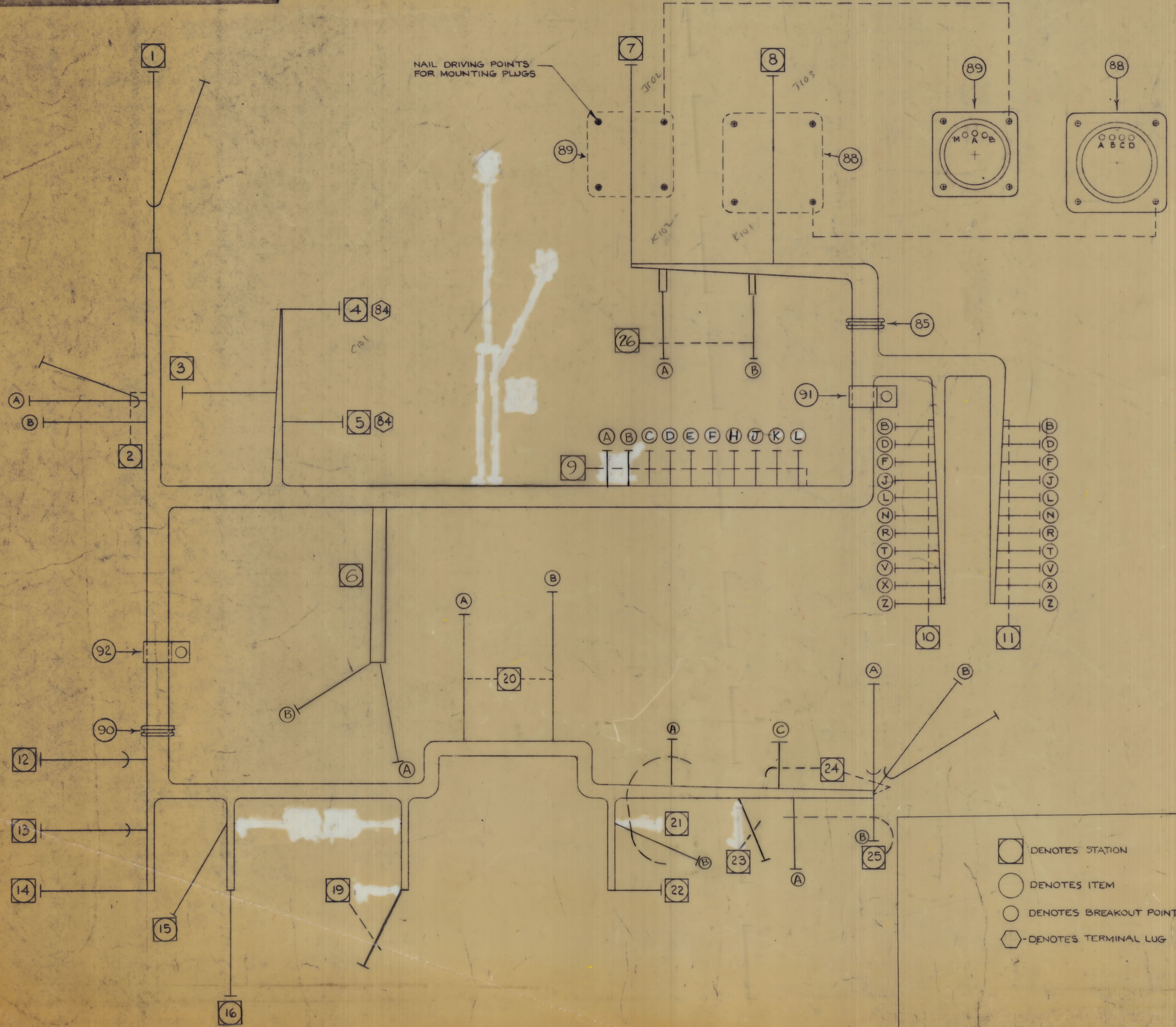
UNLESS OTHERWISE SPECIFIED
 WIRES SHOULD BE PLACED IN CABLE IN NUMERICAL SEQUENCE
 AS THEY APPEAR IN ITEM COLUMN BY CATEGORY.
 1. ALL R.F. CABLES
 2. ALL SHIELDED CABLES
 3. ALL OTHERS
 SPACE LACING APPROXIMATELY 3/4" APART.

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.

THE ABOVE 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	BY	DESCRIPTION	DATE	CHKD.	APP.
0		ORIGINAL RELEASE FOR PRODUCTION	8/21/51	CD	CR



MATERIAL		FINISH		QUANTITY/UNIT		SCALE		LSCA-Z		MODEL USES ON		ASBY. NO.	
THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK		TITLE WIRING HARNESS, BRANCHED		DRAWN RLL		DATE 8-21-51		CHECKED RLL		DATE 8-21-51		FINAL APPROVAL RLL	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE DIMENSIONS APPLIED ON PLATED FINISHES		DECIMALS 1/16		FRACTIONS 1/8		TOLERANCES ± 0.005		TOLERANCES ± 0.005		TOLERANCES ± 0.005		TOLERANCES ± 0.005	
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.		CA1649		DATE 8-21-51		BY RLL		DATE 8-21-51		BY RLL		DATE 8-21-51	

CA1649

CA-649-φ

Model LSCA-2

REQ ITEM	PART NUMBER	BREAKOUT		DESTINATION OR DESCRIPTION	
		FROM	TO	FROM	TO
1	MWC22 (7) U8	1	13	J101	F102
2		1	12	J101	F103
3		24-B	12	S101	F103
4		24-B	13		F102
5		24-A	2-A		T101-1
6	MWC22 (7) U8	24-A	2-A		-3
7	MWC24 (7) U7	14	3	S101	-8
8		23	3	F101	-7
9		7	3	DS101	-7
10		6-A	3	J102-D	-6
11		6-A	2-B	PS/TB-3	-5
12		6-A	3		-9
13		6-A	3		T101-10
14		6-A	5		C102(+)
15		6-A	15		F105
16		6-A	16		F104
17		4	3	PS/TB-4	GRD (T101)
18		0	3	C101(-)	
19		0	3	C102(-)	
20		0	3	F104	
21		4	6-A	F105	GRD (T101)
22		7	14	C101(+)	
23		9	23	DS108	CR103
24		9	24-A	DS101	F101
25		9	24-A	DS103	DS102
26		9	24-C	DS103	DS102
27		9	24-C	DS105	DS104
28		9	21-A	DS105	DS104
29		9	21-B	DS105	DS106
30		9	25-A	DS107	DS106
31		97	25-B	DS107	DS108
32		7	24-C	DS104	F101
33		7	21-A	DS105	J104-A
34		7	24-A	DS102	-D
35		7	23	DS101	-K
36		7	21-B	DS106	-S
37		7	23	DS103	-W
38		97	25-A	DS107	-22
39		93	14	F101	-C
40		94	20-B	S102-10	-18
41		91	20-B	-11	-19
42		92	20-B	-8	-20
43		91	20-B	S102-9	-Y
44		92	9-A	TB101-1	-16
45		93	9-B		-12
46		94	9-C		-L
47		9	9-D		-H
48		8	9-E		-P
49		98	9-F		-2
50	MWC24 (7) U4	2	9-H	TB101-7	-Z
		4	8	J103-X	-M
			4	C101(+)	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			8	11-F		-F
54			8	11-J		-J
55			8	11-N		-N
56		964	8	10-F		-5
57			8	11-X		-X
58		951	8	10-T		-15
59		911	8	10-R		-14
60		961	8	10-V		-17
61		952	8	10-N		-11
62		922	8	10-L		-10
63		962	8	10-R		-13
64		953	8	10-J		-8
65		933	8	10-F		-6
66		963	8	10-L		-9
67		954	8	10-D		-4
68		944	8	10-D		J104-3
69		0	6-A	6-B	J103-S	CR103
70		91	7	9-A	PS/TB-5 (GND)	TB101-1
71		92	7	9-B	J102-M	TB101-2
72		93	7	9-C	J102-L	TB101-3
73		94	7	9-D	J102-N	TB101-4
74		9	7	9-E	J102-P	TB101-5
75		8	7	9-F		TB101-6
76		97	7	14		F101
77		965	26-B	8	J102-C	J103-U
78		95	26-B	8	K101-8	J103-V
79		955	26-B	8	K101-9	J103-W
80		4	7	4	K101-10	C101(+)
81		0	9-J	6-B	J102-B	GRD(CR103)
82		9	9-E	20-B	TB101-8	S102-2 REAR
83		MWC24 (7)U0	2-B	20-A	GRD(T101)	GRD(S102)
84	4	TE159-34161			LUG, TERMINAL	
85	1	EY102-22			GROMMET	
86	X	CD101-1MW			LACING TAPE	
87	X	BS100			SOLDER	
88	1	MS3102A-24-28S			PLUG (FEM 1)	
89	1	MS3102A-20-29S			PLUG (FEM 1)	
90	1	EY-102-8			GROMMET	
91	1	CU102-5			CLAMP	
92	1	CU102-7			CLAMP	
93	1	MWC24 (7)U6	8	11-U	J103-E	J104-V

REQ ITEM	PART NUMBER	BREAKOUT		DESTINATION OR DESCRIPTION	
		FROM	TO	FROM	TO
94	MWC24 (7) U90	9-K	26-A	TB101-9	K102-1
95	95	9-L	26-B	TB101-10	K101-1
96	95	26-3	7	K101-1	J102-J
97	9	9-E	19	TB101-5	S104-3 REAR
98	9	11-R	26-B	J104-P	K101-6
99	94	11-J	26-A	J104-H	K102-7
100	93	11-L	26-A	J104-L	K102-10
101	92	10-N	26-A	J104-12	K102-13
102	91	10-T	26-A	J104-16	K102-16
103	2	5	8	C102 (+)	J103-Z
104	4	10-J	24-C	J104-7	DS109
105	1	24-C	8	DS109	J103-Y
106	3	19	26-A	S104-12	K102-6
107	4	19	26-A	S104-11	K102-9
108	5	19	26-A	S104-10	K102-12
109	MWC24 (7) U6	19	26-A	S104-3	K102-15

REQ ITEM	PART NUMBER	BREAKOUT		DESTINATION OR DESCRIPTION	TO
		FROM	TO		

S10412R	S10412F
S10411R	S10411F
S10410R	S10410F
S1049R	S1049F

S1028R	S1028F
S1029R	S1029F
S10210R	S10210F
S10211R	S10211F

J102-A	GND
K101-7	K101-1

IN4245 ACROSS K101 & K104	
IN4245 ACROSS K102 & K104	
+25V CR103 THRU RESISTOR TO K102-4	