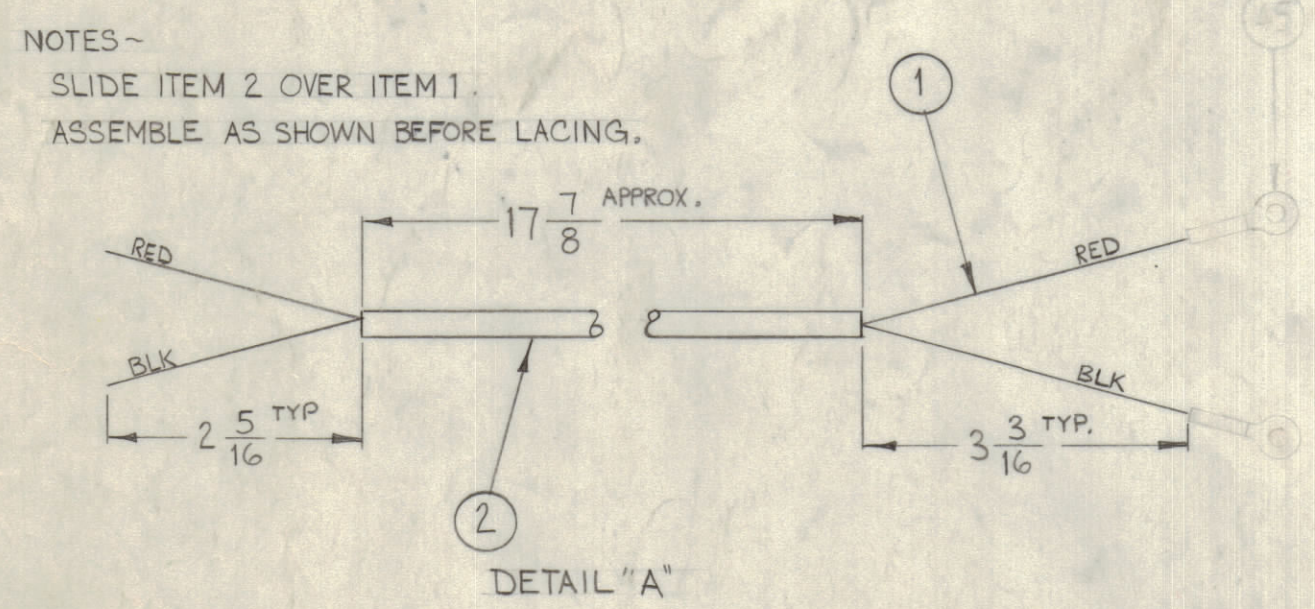
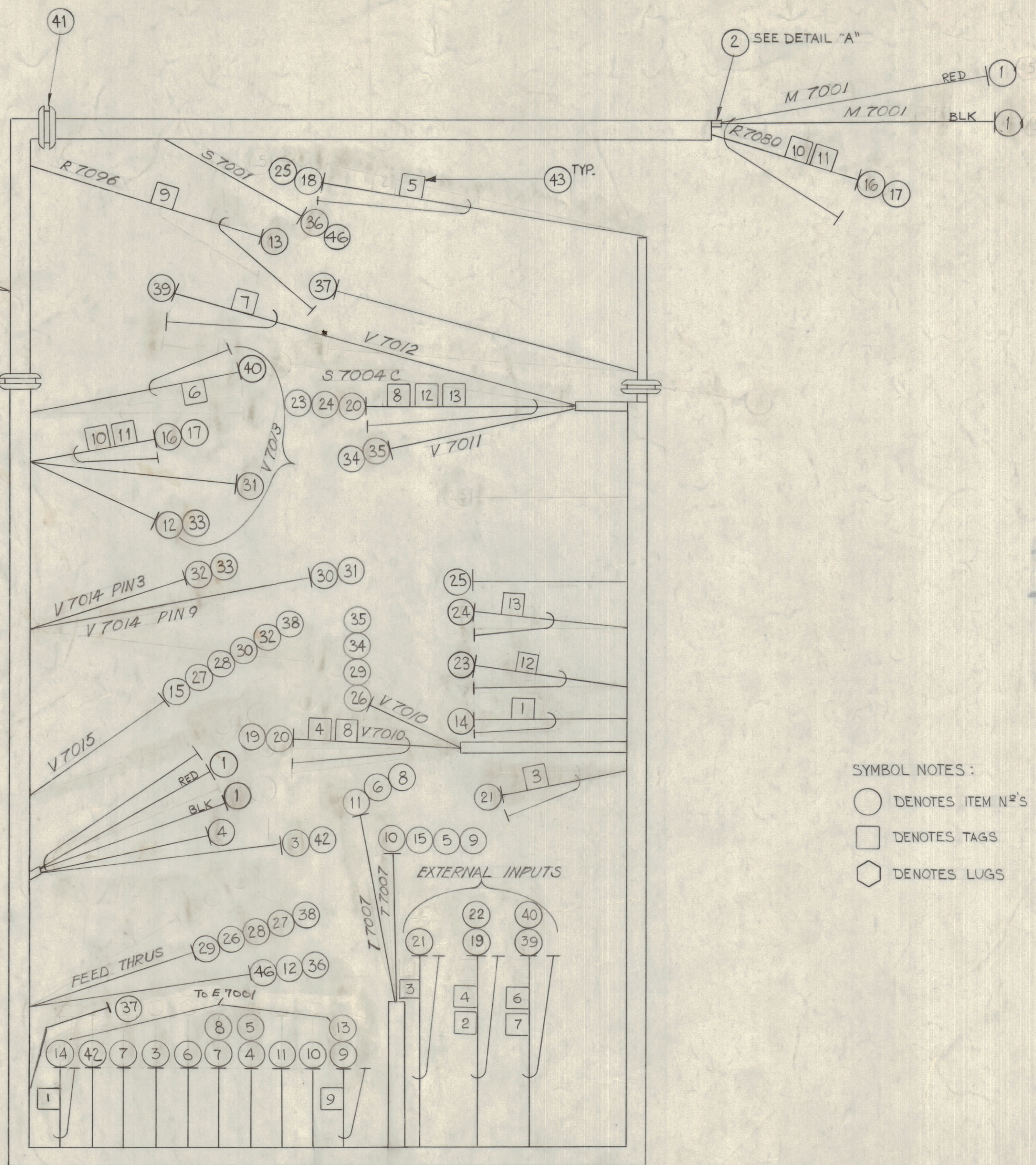


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 THE TECHNICAL MATERIEL CORPORATION
 MAMARONECK, NEW YORK



SYMBOL NOTES:
 ○ DENOTES ITEM N^o's
 □ DENOTES TAGS
 ◻ DENOTES LUGS

NOTE: CHANGE SCHEMATIC ACCORDING TO CA-675 BUILD-UP.

THIS SYMBOL DENOTES END OF INSULATION & NAIL DRIVING POINT WIRE MUST BE STRIPPED 1/2" BEYOND THIS POINT & TINNED 3/8" UNLESS OTHERWISE SPECIFIED.

THIS EQUALS THIS

WIRES SHOULD BE PLACED IN CABLE IN NUMERICAL SEQUENCE AS THEY APPEAR IN ITEM COLUMN. SPACE LACING APPROX. 3/4" APART.

THE ABOVE SYMBOL DENOTES BREAK-OUT OF SHIELD (PIGTAIL).

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
46	MWC 22(7)U91		FEED THRU TO S7001	WH/BRN
45	DELETED			
X 44	CD-101-T-MW		CORD LACING	BLACK
Z 43	LA-101		WIRE MARKER	
42	MWC 24(7)U7		TIE POINT TO E7002 PIN 10	VIOLET
3 41	EY-102-4		GROMMET, ELASTIC	
40	RG-174/U		V7013 PIN 7 TO J7012	
39	RG-174/U		V7012 PIN 7 TO J7011	
38	MWC 22(7)U2		FEED THRU TO V7015 PIN 6	RED
37		91	C7001 TO STAND-OFF	WH/BRN.
36		0	FEED THRU TO S7001	BLACK
35		91	V7010 PIN 4 TO V7011 PIN 4	WH/BRN.
34		1	V7010 PIN 3 TO V7011 PIN 5	BROWN
33		1	V7014 PIN 5 TO V7013 PIN 5	BROWN
32		1	V7015 PIN 3 TO V7014 PIN 5	BROWN
31		91	V7014 PIN 9 TO V7013 PIN 9	WH/BRN.
30		91	V7015 PIN 4 TO V7014 PIN 9	WH/BRN.
29		91	FEED THRU TO V7010 PIN 4	WH/BRN.
28		91	FEED THRU TO V7015 PIN 4	WH/BRN.
27		1	FEED THRU TO V7015 PIN 3	BROWN
26	MWC 22(7)U1		FEED THRU TO V7010 PIN 3	BROWN
25	MWC 24(7)U2		TIE POINT TO R7065	RED
24	RG-174/U		T7006 PIN 3 TO S7004C PIN 1	
23	MWC 22(7)SJ2		C7044 TO S7004C PIN 7	RED
22	RG-174/U		J7009 TO K7000	
21			J7007 TO T7004 YELLOW	
20			V7010 PIN 1 TO S7004C PIN 5	
19			J7008 TO V7010 PIN 1	
18			K7000 TO S7004A PIN 11	
17			V7013 PIN 2 TO R7080 CENTER TAP	
16	RG-174/U		TIE POINT TO R7080 HOT SIDE	
15	MWC 24(7)U6		V7015 PIN 5 TO T7007 PIN 1	BLUE
14	MWC 22(7)SJ4		E7001 PIN 11 TO R7071	YELLOW
13	MWC 22(7)SJ4		E7001 PIN 2 TO R7096 HOT SIDE	YELLOW
12	MWC 24(7)U93		TIE POINT TO V7013 PIN 3	WH/ORN.
11		97	E7001 PIN 4 TO T7007 PIN 10	WH/VIO.
10		4	E7001 PIN 3 TO T7007 PIN 9	YELLOW
9		96	E7001 PIN 2 TO T7007 PIN 8	WH/BLUE
8		9	E7001 PIN 6 TO T7007 PIN 5	WHITE
7		93	E7001 PIN 9 TO E7001 PIN 6	WH/ORN.
6		92	E7001 PIN 7 TO T7007 PIN 4	WH/RED
5		3	E7001 PIN 5 TO T7007 PIN 6	ORANGE
4		3	S7005 TO E7001 PIN 5	ORANGE
3	MWC 24(7)U96		TIE POINT TO E7001 PIN 8	WH/BLUE
17 1/2	2	PX-100-1-186	SLEEVE INSULATION	BLACK
23 3/8	1	WI-128-20/2	M7001 TO TIE POINTS	RED BLACK

BYM	ZONE	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
A		IL 45 (TE-156-32953) DELE.	5-7-65	14052	22	APP	
UNLESS OTHERWISE SPECIFIED:			SCALE				
DIMENSIONS ARE IN INCHES			MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION. REMOVE ALL BURRS & SHARP EDGES				
TOLERANCES ON FRACTIONS ± 1/64			DECIMALS ± .005		ANGLES ± 1/2°		

1	HFA-1			7-26-62	
REQ. PER UNIT	MODEL	SECTION	ASSY. NO.	DATE	
USED ON					
FINISH & SPEC. NO.			ELEC. DES. APP. MECH. DES. APP. SHEET OF		