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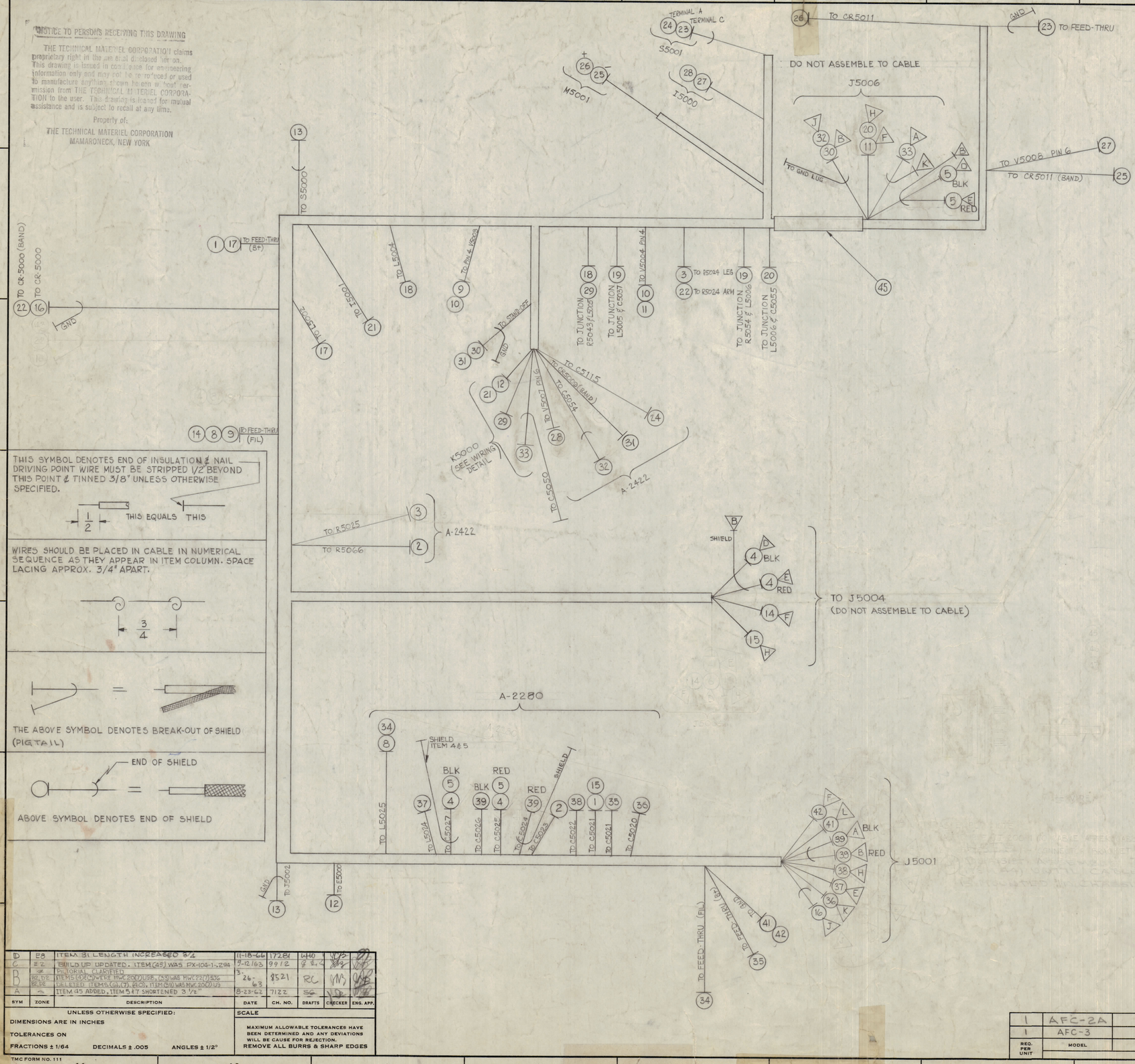
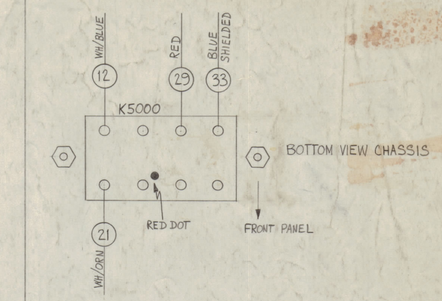
THE TECHNICAL MATERIEL CORPORATION
MAMARONECK, NEW YORK





WIRING DETAIL RELAY

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)

ABOVE SYMBOL DENOTES END OF SHIELD

SYMBOL NOTES —
- ○ DENOTES ITEM Nº'S
- ▽ DENOTES PIN Nº'S

REQ.	ITEM	PART NO.	DESCRIPTION	SYMBOL
0-02	45	PX-104-1-294	SLEEVING, SIZE 1	BLACK
X	44	CD-101-1-MW	CORD, LACING	BLACK
X	43	BS-100	SOLDER, SOFT	
0-06	42	MWC16(19)U8	WIRE, ELECTRICAL	GRAY
0-06	41	MWC16(19)U0	WIRE, ELECTRICAL	BLACK
—	40		(DELETED)	
0-09	39	WI-142-2	CABLE, SPECIAL PURPOSE ELEC.	RED/BLK
0-08	38	MWC22(7)U97	WIRE, ELECTRICAL	WH/VIO
0-11	37	MWC18(16)U91	" "	WH/BRN
0-7	36	MWC22(7)U92	" "	WH/RED
0-7	35	MWC22(7)U2	" "	RED
1-01	34	MWC22(7)U1	WIRE, ELECTRICAL	BROWN
1-02	33	RG-188/U	CABLE, COAXIAL	
1-03	32	MWC22(7)SJ3	CABLE, INSULATED, SHIELDED W/JACKET	ORANGE
0-06	31	MWC22(7)U4	WIRE, ELECTRICAL	YELLOW
1-01	30	MWC22(7)SJ4	CABLE, INSULATED, SHIELDED W/JACKET	YELLOW
0-08	29	MWC22(7)U2	WIRE, ELECTRICAL	RED
1-02	28	LWC26(7)U5	" "	GREEN
1-01	27	LWC26(7)U4	" "	YELLOW
1-06	26	LWC26(7)U6	" "	BLUE
1-02	25	LWC26(7)U0	" "	BLACK
1-04	24	LWC26(7)U2	" "	RED
1-04	23	MWC22(7)SJ2	CABLE, INSULATED, SHIELDED W/JACKET	RED
1-05	22	MWC22(7)U5	WIRE, ELECTRICAL	GREEN
1-00	21	MWC22(7)U93	" "	WH/ORN
0-06	20	MWC22(7)U2	" "	RED
0-06	19	MWC22(7)U2	" "	RED
0-08	18	MWC22(7)U2	" "	RED
0-05	17	MWC22(7)U2	" "	RED
2-05	16	MWC22(7)SJ5	CABLE, INSULATED, SHIELDED W/JACKET	GREEN
2-00	15	MWC22(7)U2	WIRE, ELECTRICAL	RED
1-04	14	MWC22(7)U1	WIRE, ELECTRICAL	BROWN
1-05	13	RG-174/U	CABLE, CO-AXIAL	
2-00	12	MWC22(7)U96	WIRE, ELECTRICAL	WH/BLUE
0-09	11	MWC22(7)U1	" "	BROWN
0-07	10	MWC20(7)U1	" "	BROWN
1-00	9	MWC20(7)U1	" "	BROWN
1-03	8	MWC18(16)U1	WIRE, ELECTRICAL	BROWN
—	7		(DELETED)	
—	6		(DELETED)	
2-11	5	WI-142-2	CABLE, SPECIAL PURPOSE, ELEC.	RED/BLK
1-10	4	WI-142-2	CABLE, SPECIAL PURPOSE, ELEC.	RED/BLK
1-09	3	MWC22(7)U97	WIRE, ELECTRICAL	WH/VIO
1-04	2	MWC22(7)U7	" "	VIOLET
1-10	1	MWC22(7)U2	WIRE, ELECTRICAL	RED

WESCHLER DESCRIPTION

STOCK SIZE

MATERIAL

TYPE & TEMPER | HEAT TREAT. SPEC.

FINISH & SPEC. NO.

THE TECHNICAL MATERIEL CORP.
MAMARONECK. NEW YORK

CABLE, ELECTRICAL, MAIN

DRAWN	CHECKED	FINAL APPROVAL
G.D.L		

ELEC. DES. APP. | MECH. DES. APP. | SHEET OF

CA-699 D

SYM	ZONE	DESCRIPTION	DATE	CH. NO.	DRAFTS	CHECKER	ENG. APP.
D	E8	ITEM 3 (LENGTH INCREASED 3")	11-18-66	7128	GHO	WVS	
C	E2	BUILD UP UPDATED. ITEM (45) WAS PX-104-1-294	9-12-63	9912			
B	—	PICTORIAL CLARIFIED	3-26-63	8521	RL	WM	
	B2, D2	ITEMS (42,6) WERE MWC20(7)U98, (33) WAS MWC22(7)U96					
	B6, D6	DELETED ITEMS (31,7), (40), ITEM (39) WAS MWC20(7)U9					
A	—	ITEM 45 ADDED, ITEM 5 & 7 SHORTENED 3 1/2"	8-23-62	7122	SG		

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ON
FRACTIONS ± 1/64 DECIMALS ± .005 ANGLES ± 1/2°

SCALE

MAXIMUM ALLOWABLE TOLERANCES HAVE BEEN DETERMINED AND ANY DEVIATIONS WILL BE CAUSE FOR REJECTION.
REMOVE ALL BURRS & SHARP EDGES

TMC FORM NO. 111

REQ. PER UNIT	MODEL	SECTION	ASSY. NO.	DATE
1	AFC-2A			7-26-62
1	AFC-3			7-26-62

USED ON

DEFIANCE NO. 1220