

FOR INSTALLATION DATA SEE DS134-3127

INSTALLATION NOTES:

- \* INDICATES NORMALLY ENERGIZED RELAY
- 1. ALL FIELD WIRING SHOWN MUST BE WIRED IN ACCORDANCE WITH NFPA PAMPHLET #72 ARTICLE 210.
- 2. THE MAXIMUM RESISTANCE OF ANY BOX CIRCUIT SHALL NOT EXCEED 15 OHMS (I.E. CONDUIT RUNS AND/OR CABLE LENGTHS MUST NOT EXCEED THE FOLLOWING: #22 AWG-230 FT., #18 AWG-500 FT., #16 AWG-900 FT., #14 AWG-1500 FT.) THE MAXIMUM CIRCUIT RESISTANCE WITH A THERMOSTAT OR STATION CONTACT CLOSED SHALL NOT EXCEED 7.5 OHMS.
- 3. THERE SHOULD BE AT LEAST 1 NON-CODE, MANUAL STATION ON EACH THERMOSTAT CIRCUIT.
- 4. WIRING TO THERMOSTATS:
  - A. IN CONDUIT, #14 AWG TYPES R OR RT, #16 OR #18 TYPES RF-2 OR TF.
  - B. OPEN WIRING-THERMOSTAT WIRE, TWO, #16 AWG, SOLID COPPER, THERMOPLASTIC INSULATED, PARALLEL CONDUCTORS. UNDERWRITERS' LABORATORIES LABELED FOR LOW VOLTAGE LIMITED ENERGY THERMOSTAT CIRCUITS (LESS THAN 50 VOLTS). THIS WIRE CAN BE OBTAINED FROM THE GAMEWELL CO.
- 5. IN A SYSTEM WITH A GROUNDED POWER SUPPLY (IN WHICH THE B- TERMINAL IS GROUNDED AS SPECIFIED IN ARTICLE 250 OF THE N.E.C.), ANY SUBSEQUENT GROUND ON ANY SUPERVISED EXTERNAL CIRCUIT WILL CAUSE A TROUBLE INDICATION. IN A SYSTEM WITH AN UNGROUNDED POWER SUPPLY, A SINGLE GROUND ON THE BOX CIRCUIT OR THE ALARM CIRCUIT WILL NOT PREVENT AN ALARM.

FACTORY NOTES:

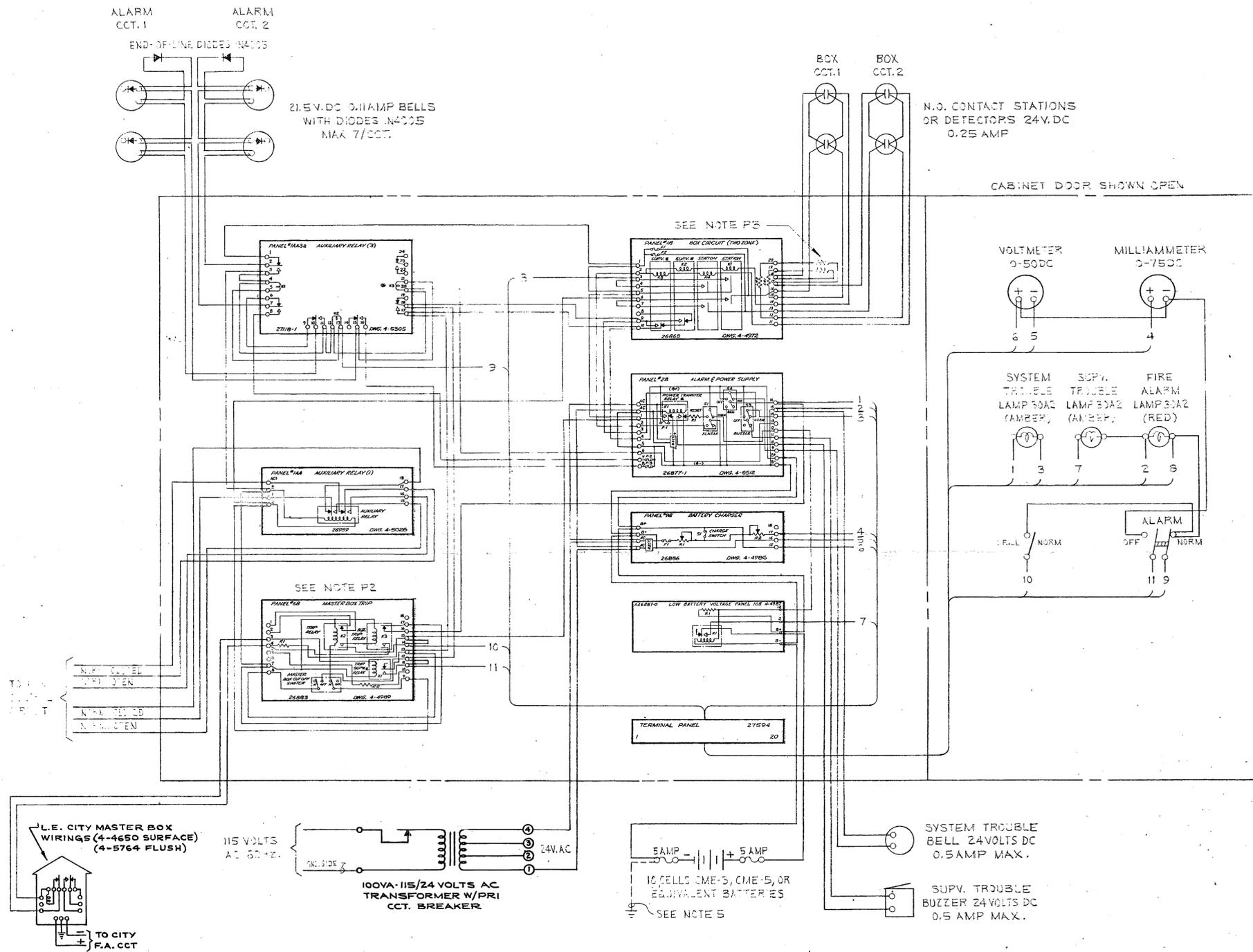
- P1. ALL INTERPANEL WIRE IS #18 AWG SOLID BLACK, PER U.L. REQUIREMENTS UNLESS OTHERWISE INDICATED. WHI WIRE IS RM-47197. WIRING BETWEEN PANELS AND DOOR EQUIPMENT IS #18 AWG FLEXIBLE BLK, RM-47057.
- P2. IF PANEL 6B IS USED, CONNECT RED WIRE WITH SPADE TIP SOLDER LUG ON PANEL 6B, TO TERMINAL 4 ON THAT PANEL.
- P3. ADD 75 OHM 5 WATT RESISTOR (RM-47547) BETWEEN TERMINALS 17-20 AND/OR 18-19 OF PANEL 1B AS SHOWN.

FUSE SCHEDULE:

PANEL 1B	2 AMP FUSE/STAT	RM-47076
2B	2 AMP FUSE	41417A
	4 AMP	47070
9B	1 AMP	45261A

BATTERY RATINGS, 10 CELLS, EXIDE (OR EQUAL) AT 8 HOUR RATE.

TYPE	RATING	TRICKLE CHARGE RATE MA		
		70°F	85°F	100°F
CME-3	8 AMP HR.	15	24	40
CME-5	16 AMP HR.	20	32	57
CME-7	24 AMP HR.	24	40	74



WIRING, FLEXALARM TYPE B FA SYSTEM: INTEREQUIPMENT & LAYOUT

DRAWN BY *CH* CHECKED BY *CH* SCALE

APPROVED BY *CH* DATE *7-27-71*

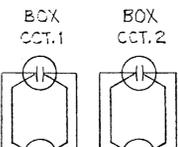
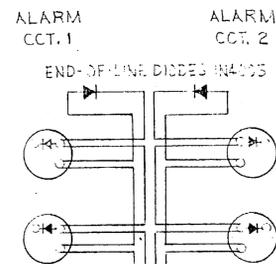
**GAMEWELL** D-W505

1228 CHESTNUT ST. NEWTON, MASS. 02454

TOLERANCES UNLESS OTHERWISE STATED  
 DECIMAL .XX ± .02 ANGLULAR ± .005 A 1° MAXIMUM  
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E.W. Bliss Company  
 Div. of  
 The  
 General Electric Company





N.O. CONTACT STATIONS OR DETECTORS 24V. DC 0.25 AMP

CABINET DOOR SHOWN OPEN

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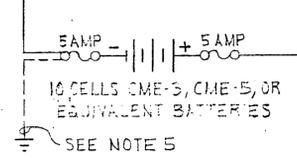
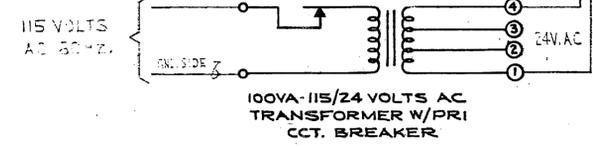
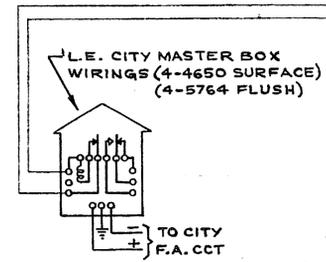
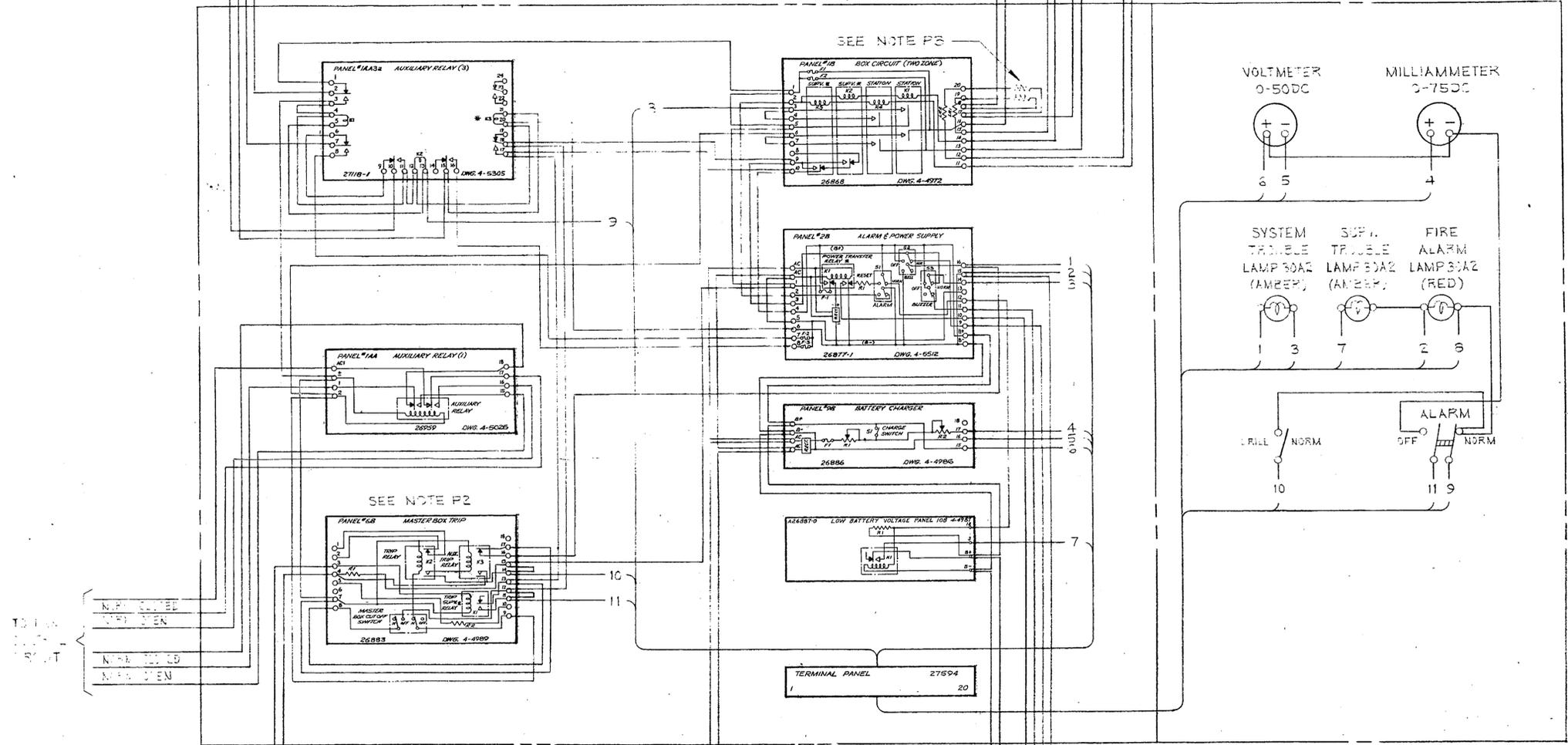
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SYSTEM TROUBLE BELL 24VOLTS DC 0.5 AMP MAX.

SUPV. TROUBLE BUZZER 24VOLTS DC 0.5 AMP MAX.

WIRING, FLEXALARM TYPE B F.A. SYSTEM: INTEREQUIPMENT & LAYOUT

DRAWN BY [Signature] CHECKED BY [Signature] SCALE [Signature]  
APPROVED BY [Signature] DATE 10-21-51



D-W505

TOLERANCES UNLESS OTHERWISE STATED  
DECIMAL .XX ± .02 ANGULAR ± A 1" RADIUS  
XXX ± .005

E.W. BLISS COMPANY  
NEWTON, MASS.

SCHEMATICS FOR  
1770 & 1780 FIRE ALARM