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OPTION INDEX

| APP OR WPG | RATED OR ISSUE | REF NOTES | LOCATION |
|------------|----------------|-----------|-----------------------------|
| Z | STD 1 | | B1,G1 |
| Y | STD 1 | | B1,G1 |
| X | STD 2B | | B4,G2,G3 |
| W | STD 2B | | B1,B4,G1,G3 |
| V | STD 2B | | B7,G5 |
| U | STD 2B | | B7,G5 |
| T | STD 2B | | B2,B4,G1,G3 |
| S | STD 2B | | B2,G1 |
| R | STD 2B | | B5,B9, APP FIG. 6, 06,07,09 |
| Q | STD 2B | | B5, APP FIG. 6, 06, 09 |
| P | STD 2B | | B10, APP FIG. 6, 06,07,09 |
| M | AVAIL | | B4,G2 |
| N | AVAIL | | B3,G3 |

| DWG ISS | CO ISS | DWG ISS | CO ISS | DWG ISS | CO ISS |
|---------|--------|----------|--------|---------|--------|
| 1 | 1 | 28 | 18 | 3A | 2A |
| 4A | 1 | 5B | 5B | | |
| DWG ISS | CO ISS | DATE | DRW | APP | |
| BAC | T SAC | 6-30-91 | | | |
| 7AC | T SAC | 5-18-92 | | | |
| 8B | T SAC | 5-18-92 | | | |
| 9B | T SAC | 10-28-92 | | | |
| 10M | T SAC | 07-01-94 | | | |
| 11M | T SAC | 10-17-94 | | | |
| 12B | T SAC | 01-18-95 | | | |

SUPPORTING INFORMATION

| SYSTEM USED ON | DESIGN CONTROL | CATEGORY | NO | SHEET INDEX NOTES |
|----------------|----------------|----------|----|--|
| SESS | H1 | | | <p>1. ONLY THE LATEST ISSUE, OR ISSUES IF CONCURRENT, ARE SHOWN IN THE INDEX.</p> <p>2. FOR REISSUES, A CHANGED OR NEW SHEET IS ASSIGNED THE SAME ISSUE NUMBER AS SHEET 1.</p> <p>3. THE ISSUE NUMBER OF SHEET 1 IS RECOGNIZED AS THE ISSUE NUMBER OF THE WHOLE DRAWING.</p> |

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SESS SWITCHING EQUIPMENT
AUDIBLE AND VISUAL ALARM
CIRCUIT

DWG SIZE
C2
ISSUE
12B

AT&T SO-50017-01 SHEET A1

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B

A



1 5 10

A

R

| APPARATUS INDEX | | | | LEAD INDEX | | | |
|---------------------------------------|----------|----------|------|---|----------------------|----------------------|--|
| DESIG | LOCATION | | | DESIG | LOCATION | | |
| | FS | APP | EQPT | | FS | CAO | |
| UNITS | | | | ALARM AND STATUS UNIT | | | |
| RARL | 4E# | 3 | | -48VABS | 706, 1181 | 503 | |
| ASU | 801, 900 | 6 | | ABSRTN | 706, 1181 | 503 | |
| ASU | 801, 900 | 8 | | CRAUX (M.T.) | 7E6 | 503 | |
| ASU | 900 | 8 | | MJAUJ (M.T.) | 7F8 | 5E3 | |
| PANEL | | | | DISTRIBUTING FRAME | | | |
| RRAAP | 7B4 | 4 | | CRAUXB | 9F6, 10F6 | 701 | |
| RSMASP | 5C1 | 5 | | MJAUJB | 9F7, 10F7 | 7H1 | |
| RELAY | | | | FUSED POWER SOURCE | | | |
| RAP | 1C3 | 1 | | -48ALM | 4B4 | 2F0 | |
| CHIME | | | | ALARM APPARATUS REQUIRING CLOSURES ONLY | | | |
| MJ/CR | 1C3 | 1 | | CRAUX | 7E6 | 507 | |
| RESISTOR | | | | LINK ADAPTER UNIT VIA DISTRIBUTING FRAME | | | |
| R1 | 7E5 | 4 | | 00THINS | 10B3 | 700 | |
| R2 | 7F5 | 4 | | 00THINSR | 10B3 | 700 | |
| R3 | 7G5 | 4 | | 0ALFACTN | 10G4 | 600 | |
| R4 | 7B4 | 4 | | 0ALFACTP | 10G4 | 600 | |
| CONNECTING CIRCUIT AS REQUIRED | | | | DC POWER DISTRIBUTION CIRCUIT | | | |
| SPEL | 4B4 | 307 | | -48VABS | 706, 8C2, 10B2, 11C1 | 5C3, 9B5, 11B6, 11D6 | |
| SPELR | 4B4 | 307 | | ABSRTN | 706, 8C2, 10B2, 11C1 | 503, 8B4, 11B6, 11D6 | |
| CONVERTER UNIT | | | | DC POWER DISTRIBUTION CIRCUIT | | | |
| -48ALMB | 1E7 | 1E0 | | -48VABS | 706, 8C2, 10B2, 11C1 | 5C3, 9B5, 11B6, 11D6 | |
| 48VABS | 4B3, 4B4 | 3E5, 307 | | ABSRTN | 706, 8C2, 10B2, 11C1 | 503, 8B4, 11B6, 11D6 | |
| RTNABS | 4B3, 4B4 | 305, 307 | | | | | |
| SWITCH | | | | DC POWER DISTRIBUTION CIRCUIT | | | |
| AR | 5E5 | 5 | | -48VABS | 706, 8C2, 10B2, 11C1 | 5C3, 9B5, 11B6, 11D6 | |
| MCTST0 | 5E2 | 5 | | ABSRTN | 706, 8C2, 10B2, 11C1 | 503, 8B4, 11B6, 11D6 | |
| MCTST1 | 5E3 | 5 | | | | | |
| LAMP | | | | DC POWER DISTRIBUTION CIRCUIT | | | |
| ATIP(0,1) | 504 | 5 | | -48VABS | 706, 8C2, 10B2, 11C1 | 5C3, 9B5, 11B6, 11D6 | |
| BP1(0,1) | 504 | 5 | | ABSRTN | 706, 8C2, 10B2, 11C1 | 503, 8B4, 11B6, 11D6 | |
| CR | 186 | 2 | | | | | |
| CR | 506 | 5 | | | | | |
| MJ | 1A6 | 2 | | | | | |
| MJ | 505 | 5 | | | | | |
| MN | 186 | 2 | | | | | |
| MN | 507 | 5 | | | | | |
| RS1(0,1) | 503 | 5 | | | | | |
| SS1(0,1) | 502 | 5 | | | | | |
| ST | 506 | 5 | | | | | |

| OFFICE ALARM UNIT | | | |
|-------------------|----------|----------|--|
| DESIG | FS | CAO | |
| -48VABS | 3F2 | 3C5, 3C7 | |
| BA2 | 1E7 | 1D0 | |
| CLR1 | 2B2 | 1D3 | |
| CLR1R | 2C2 | 1D3 | |
| CLR2 | 202, 4B3 | 1E3, 3C5 | |
| CLR2R | 2E2, 4B3 | 1F3, 3C5 | |
| MJL1 | 2A2 | 1C3 | |
| MJL1R | 2A2 | 1C3 | |
| MJL2 | 202, 4B2 | 1E3, 3D0 | |
| MJL2R | 202, 4B1 | 1E3, 3C0 | |
| MNL1 | 2B2 | 1B3 | |
| MNL1R | 2B2 | 1E3 | |
| MNL2 | 202 | 3D3 | |

| MPSU(0) VIA DISTRIBUTING FRAME | | | |
|--------------------------------|-----|-----|--|
| DESIG | FS | CAO | |
| 00THINS | 9B3 | 700 | |
| 00THINSR | 9B3 | 700 | |
| 0ALFACTN | 9C4 | 600 | |
| 0ALFACTP | 9C4 | 600 | |
| 0ALMPWRN | 9C1 | 6C0 | |
| 0ALMPWRP | 9C1 | 6C0 | |
| 0ALMRETN | 9C8 | 6A0 | |
| 0ALMRETP | 9C8 | 6A0 | |
| 0ALMTSTN | 9C7 | 6E0 | |
| 0ALMTSTP | 9C7 | 6E0 | |
| 0ALOPWR | 9B4 | 6F0 | |
| 0ALOPWRR | 9B4 | 6F0 | |
| 0CRAUD | 9B5 | 7E0 | |
| 0CRAUDR | 9B5 | 7E0 | |
| 0CALMP | 9B6 | 700 | |
| 0CALMPR | 9B6 | 700 | |
| 0MAN | 9B8 | 7C0 | |
| 0MANR | 9B8 | 7C0 | |
| 0MAUD | 9B5 | 7F0 | |
| 0MAUDR | 9B5 | 7F0 | |
| 0MLMP | 9B7 | 7D0 | |
| 0MLMPR | 9B7 | 7D0 | |
| 0MNAUD | 9B6 | 700 | |
| 0MNAUDR | 9B6 | 700 | |
| 0MNLMP | 9B7 | 7E0 | |
| 0MNLMPR | 9B7 | 7E0 | |
| 0MNDEN | 9C8 | 6C0 | |
| 0MNDERP | 9C8 | 6C0 | |
| 0MNTSA | 9B3 | 6E0 | |
| 0MNTSAR | 9B3 | 6E0 | |
| 0SMTBL | 9B4 | 7A0 | |
| 0SMTBLR | 9B4 | 7A0 | |
| 0SNTYTH | 9B5 | 6H5 | |
| 0SNTYTHR | 9B5 | 6H5 | |
| 0TSTPRG | 9B7 | 6D0 | |
| 0TSTPRGR | 9B7 | 6D0 | |
| 0TTHINS | 9B3 | 7C0 | |
| 0TTHINSR | 9B3 | 7C0 | |
| 0ALFACTN | 9C4 | 600 | |
| 0ALFACTP | 9C4 | 600 | |
| 0ALMPWRN | 9C1 | 6C0 | |
| 0ALMPWRP | 9C1 | 6C0 | |

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AUDIBLE AND VISUAL ALARM

| | |
|----------|-------|
| DWG SIZE | ISSUE |
| C2 | 7AC |

AT&T SD-50017-01

AT&T SD-50017-01

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| LEAD INDEX (CONT) | | | | | |
|---|----------|------|-------|----------|-----|
| DESIG | LOCATION | | DESIG | LOCATION | |
| | FS | CAO | | FS | CAO |
| OFFICE ALARM UNIT (CONT) | | | | | |
| ANL2R | 202, | 1E3, | | | |
| | 482 | 302 | | | |
| RTNABS | 302 | 385, | | | |
| | | 3C7 | | | |
| S1B | 1E7, | 1C8, | | | |
| | 483 | 3E2 | | | |
| S1BR | 1D7, | 1B8, | | | |
| | 482 | 302 | | | |
| TB | 1C7, | 1B8, | | | |
| | 482 | 3E8 | | | |
| TBR | 1D7, | 1B8, | | | |
| | 482 | 308 | | | |
| OTHER ALARM REPORTING EQUIP. REQUIRING VOLTAGE | | | | | |
| CR1R,V1 | 7E6 | 6E5 | | | |
| CR1B | 4D7 | 2E3 | | | |
| CR1M | 4D7 | 2D3 | | | |
| CR1R | 4G7 | 2B3 | | | |
| MJL(R,V) | 7F8 | 5F5 | | | |
| MNL(R,V) | 7G8 | 6G5 | | | |
| MJ1B | 4G4 | 2F8 | | | |
| MJ1M | 4G4 | 2E8 | | | |
| MJ1R | 4G5 | 2C8 | | | |
| MN1B | 4G5 | 2F5 | | | |
| MN1M | 4G5 | 2E5 | | | |
| MN1R | 4G6 | 2C5 | | | |
| SPREL1B | 4G8 | 2E8 | | | |
| SPREL1M | 4G8 | 2C8 | | | |
| SPREL1R | 4G8 | 2B8 | | | |
| REMOTE ALARM UNIT IN MISCELLANEOUS CABINET 6' | | | | | |
| LMPCR | 5B5 | 4F1 | | | |
| LMPCR | 5B5 | 4F1 | | | |
| LMPHJ | 5B5 | 4F1 | | | |
| LMPHR | 5B5 | 4F1 | | | |
| LMPST | 5B5 | 4E1 | | | |
| LMPSTR | 5B5 | 4E1 | | | |

| OTHER ALARM REPORTING EQUIP. REQUIR. CONTACT CLOSURE ONLY | | |
|---|-----|-----|
| CR2B | 4C3 | 2F3 |
| CR2M | 4C3 | 2G3 |
| CR2R | 4C3 | 2D3 |
| MJ2B | 4C2 | 2F3 |
| MJ2M | 4G1 | 2F3 |
| MJ2R | 4G1 | 2F3 |
| MN2B | 4G2 | 2F8 |
| MN2M | 4G2 | 2F8 |
| MN2R | 4G2 | 2F8 |
| SPREL2B | 4G4 | 2F8 |
| SPREL2M | 4G3 | 2G8 |
| SPREL2R | 4G4 | 2F8 |

| FUSED POWER SOURCE | | |
|--------------------|-----|-----|
| 4BALM | 484 | 2F8 |
| 4BALB | 7D6 | 5C3 |
| 4BRTNB | 7D6 | 5C3 |
| RTNRLM | 4B5 | 2F8 |

| REMOTE AUDIBLE ALARM PANEL VIA DISTRIBUTING FRAME | | |
|---|------|-----|
| CRALX(M,T) | 9C8, | 7C8 |
| | 18C6 | |
| MNAX(M,P) | 9C5, | 7H8 |
| | 18C5 | |
| MJAX(M,T) | 9C6, | 7D8 |
| | 18C6 | |
| MNAX(M,T) | 9D7, | 7F8 |
| | 18G7 | |
| TBIN,P1 | 9C5, | 7C8 |
| | 18C5 | |

| REMOTE ALARM UNIT | | |
|-------------------|-----|-----|
| MNAXD | 1C7 | 1D8 |
| MNAXR | 1B7 | 1C8 |
| MNAXM | 1C7 | 1C8 |
| MNAXM1 | 1C7 | 1C8 |
| TB | 1B7 | 1C8 |
| TBR | 1B7 | 1C8 |

| RESISTOR PANEL CIRCUIT VIA DISTRIBUTING FRAME | | |
|---|-----|-----|
| 8ALSTL | 5B4 | 4D1 |
| 8E8AL | 5B3 | 4B1 |
| 8MISCL | 5B4 | 4E1 |
| 8SSL | 5B2 | 4C1 |
| 1ALSTL | 5B5 | 4D1 |
| 1E8AL | 5B3 | 4B1 |
| 1MISCL | 5B4 | 4D1 |
| 1SSL | 5B2 | 4C1 |

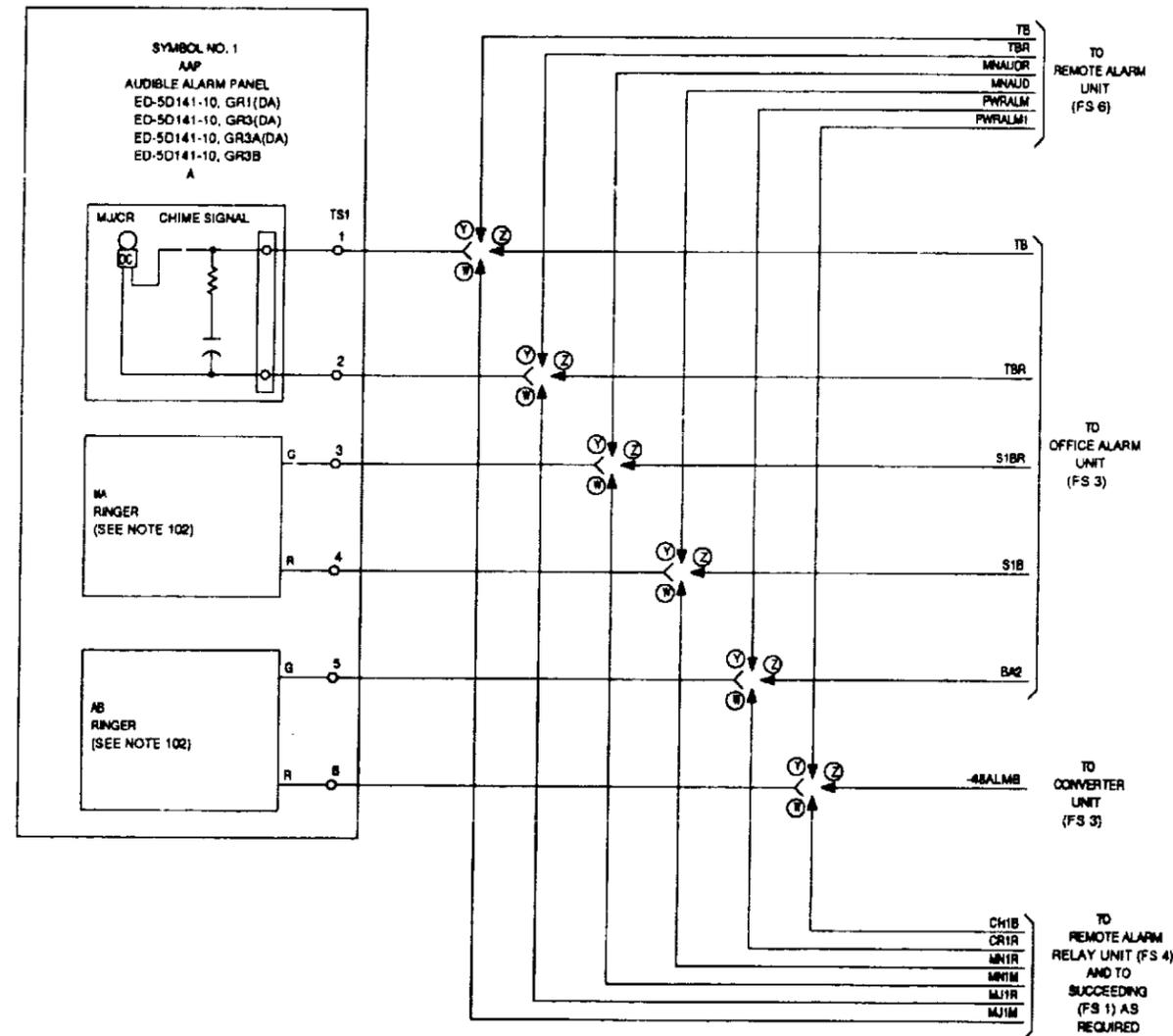
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| | | | |
|--------------------------|-------------|----------|-------|
| AUDIBLE AND VISUAL ALARM | | SIZE | ISSUE |
| | | 02 | 6AC |
| AT&T | SD-50017-01 | SHEET A3 | |

FS 1

AUDIBLE CIRCUIT

NOTES:
1. A MAXIMUM OF 1 AUDIBLE ALARM PANEL MAY BE CONNECTED PER OFFICE UNLESS THEY ARE CONNECTED THROUGH A REMOTE ALARM RELAY UNIT.



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AUDIBLE AND VISUAL ALARM

DWG SIZE
C2

ISSUE
9B

AT&T

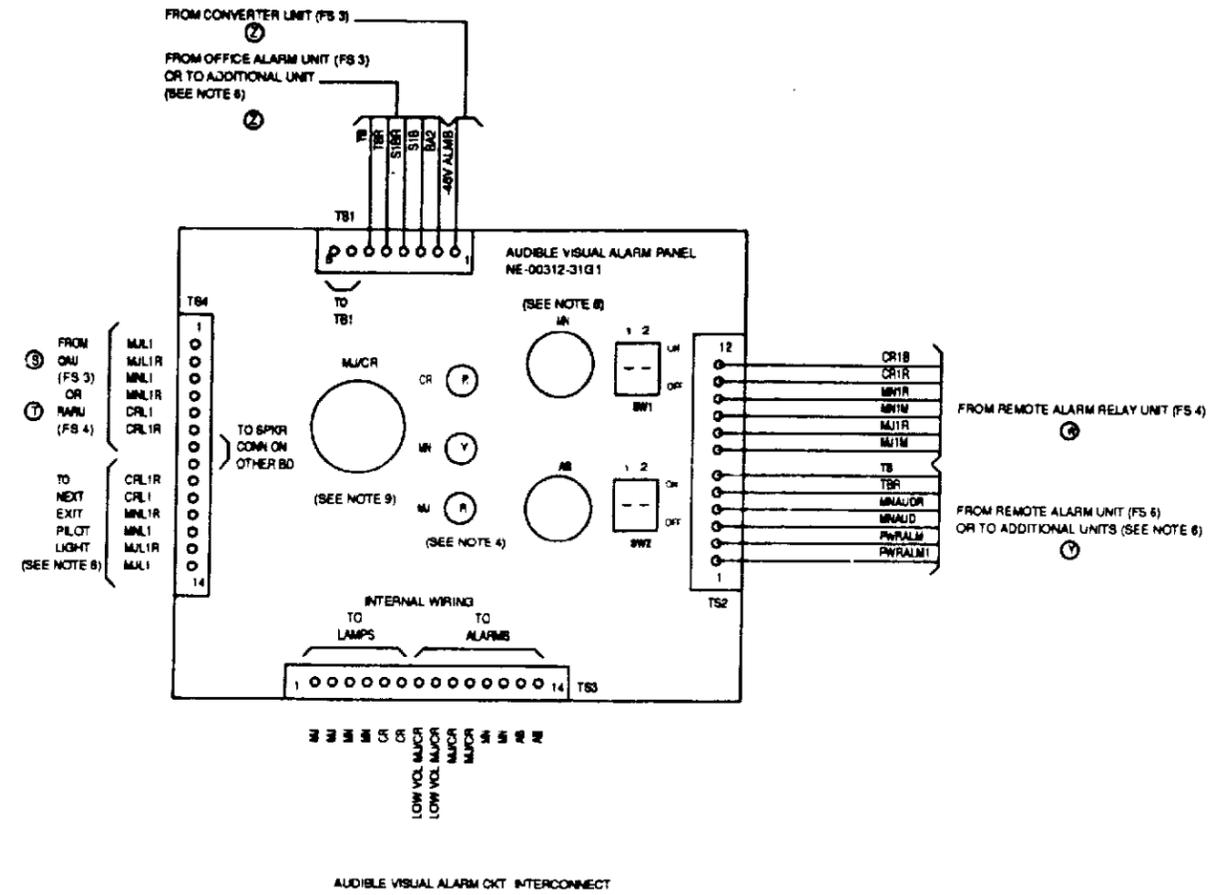
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SHEET
B1A

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FS 1A

(COMBINES FS 1 AND FS 2)



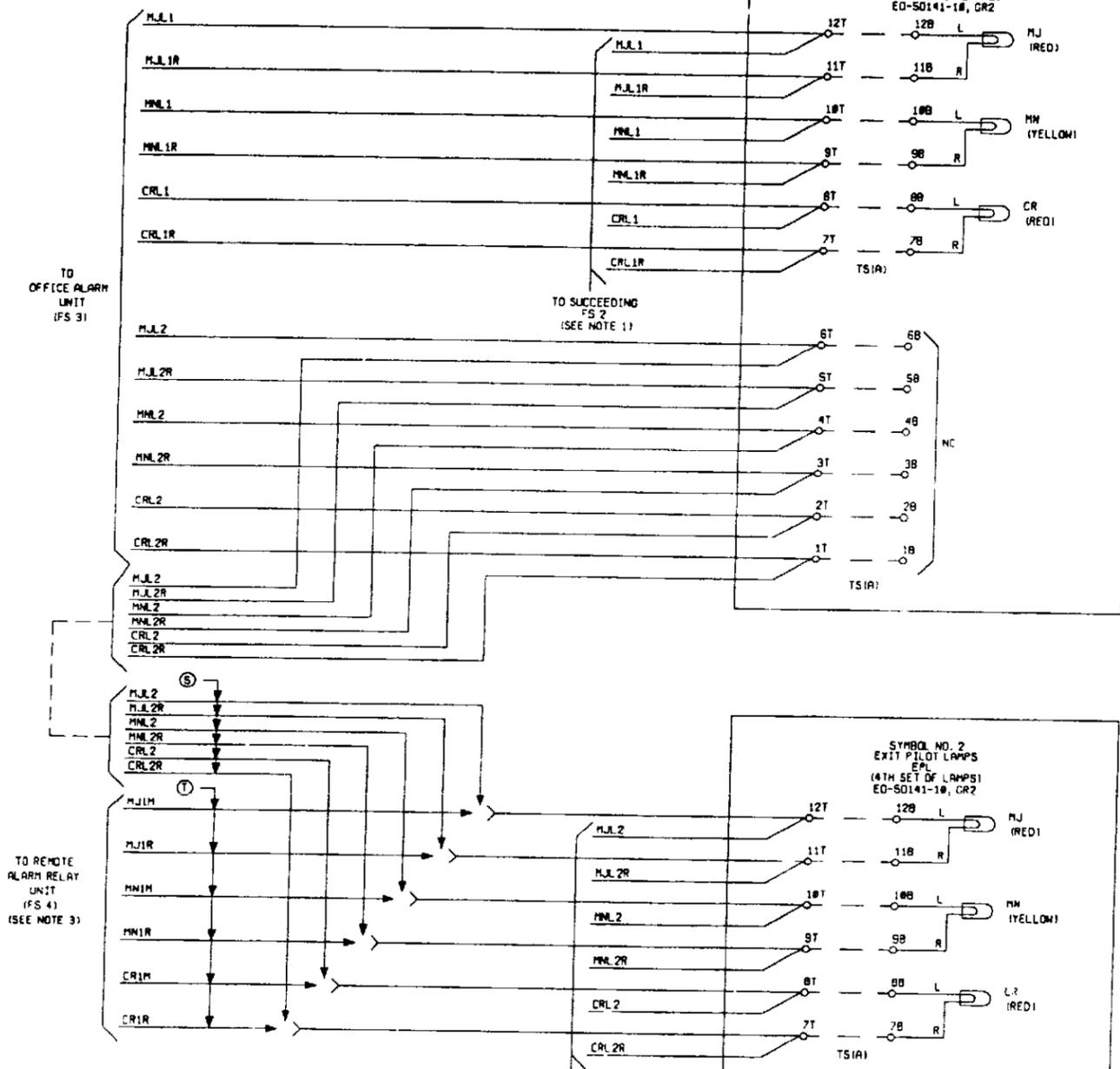
NOTES:

1. KEYS FOR ALL THE BOXES ARE THE SAME
2. TWO (2) DIFFERENT FREQUENCY CHIPS ARE PROVIDED FOR MN & AB ALARMS AND ARE SELECTED BY THE CUSTOMER. 813A3 IS 1200 HZ. AT 20 HZ MODULATION. 813BA2 IS 900HZ. AT 15 HZ. MODULATION. ONE (1) SPARE OF EACH IS PROVIDED.
3. MOUNTING HARDWARE IS PROVIDED
4. LAMPS ARE 48ESB
5. THREE (3) AUDIBLE VISUAL ALARM PANELS MAXIMUM ARE PERMITTED PER OAU. EXIT PILOT LAMP UNIT (FS2) MAY BE SUBSTITUTED FOR THE AUDIBLE VISUAL ALARM PANEL. FOR ADDITIONAL UNITS A RARU (FS4) IS REQUIRED.
6. TB1 TERMINALS 1-8 AND TS2 TERMINALS 1-8 ARE COMMON AND CAN BE USED FOR POWERING ADDITIONAL AUDIO ALARM UNITS (MAX 3 PER OAU). TS4 TERMINALS 1-8 AND TS4 TERMINALS 14-9 ARE USED FOR POWERING VISUAL ALARMS IN ADDITIONAL UNITS (3 MAX PER OAU).
7. MAXIMUM WIRE SIZE USED ON TERMINAL STRIPS IS 14 AWG SOLID OR STRANDED.
8. THE VOLUME FOR MN AND AB CAN BE SELECTED FROM THE DIP SWITCHES, SW1 & SW2 OFF - LOW, SW1 OFF SW2 ON - MED, SW1 ON SW2 OFF - HIGH.
9. THE SOUND FROM M/VCR ALARM CAN BE CONTROLLED BY ADJUSTING THE TWO POTENTIOMETERS ON THE BOARD IN THE TWO RANGES BY MOVING TWO WIRES ON TS3 FROM M/VCR TO LOW VOL. M/VCR.

| | | |
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| AUDIBLE AND VISUAL ALARM | | ISSUE 11M |
| DWG SIZE C2 | SHEET B1B | |
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FS 2

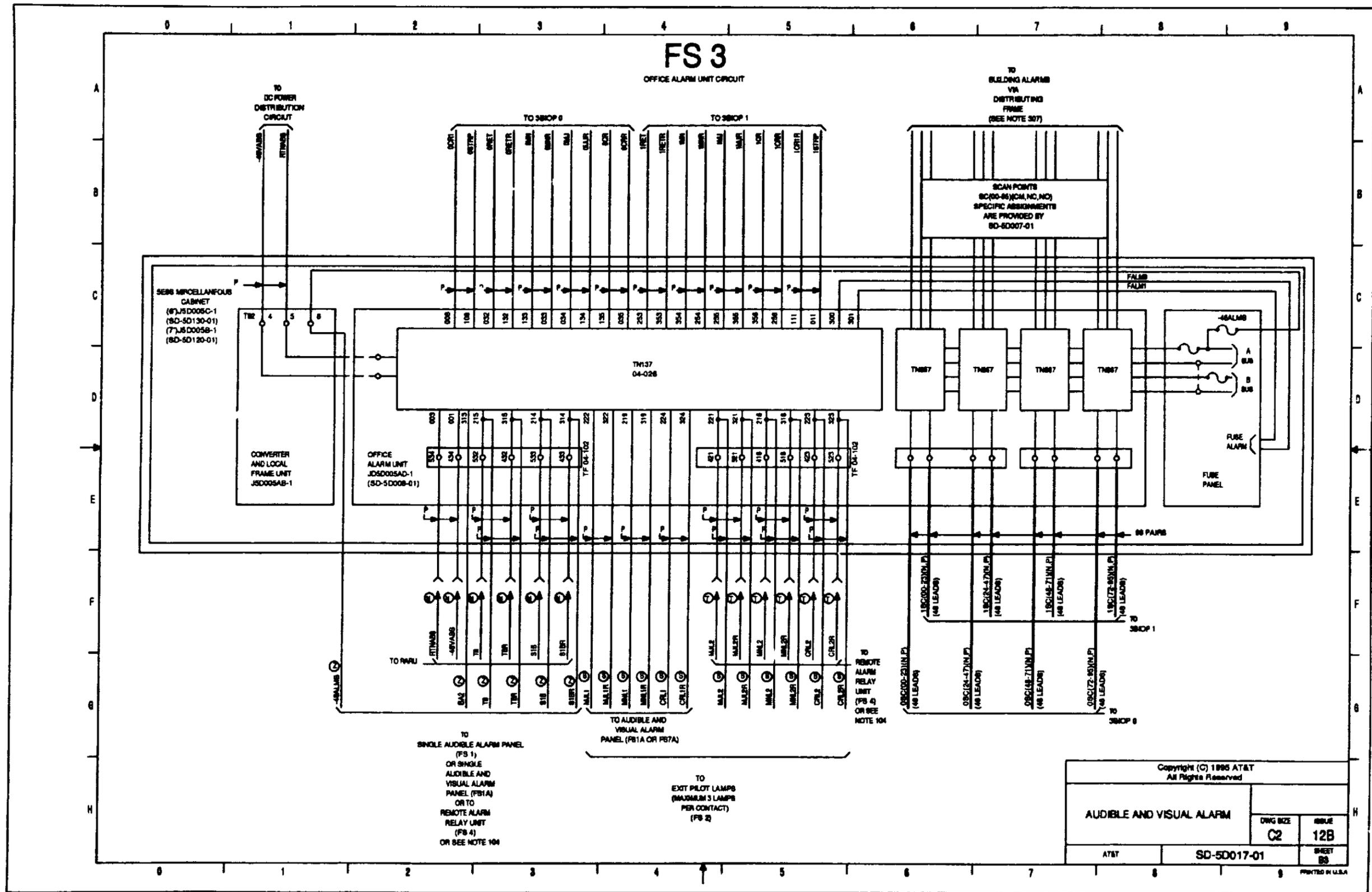
EXIT PILOT LAMPS



- NOTES:**
1. THESE LEADS ARE MULTIPLE CONNECTIONS FROM THE FIRST SET OF ALARM CONTACTS TO THE SAME LAMPS IN UP TO TWO SUCCEEDING EXIT PILOT LAMPS. (MAXIMUM 3 LAMPS PER CONTACT).
 2. THESE LEADS ARE MULTIPLE CONNECTIONS FROM THE SECOND SET OF ALARM CONTACTS TO THE SAME LAMPS IN UP TO TWO SUCCEEDING EXIT PILOT LAMPS. (MAXIMUM 3 LAMPS PER CONTACT).
 3. WHEN GREATER THAN SIX (6) EXIT PILOT LAMPS ARE REQUIRED PER OFFICE, THE 4TH THROUGH (N) LAMPS MUST BE CONNECTED THROUGH A REMOTE ALARM RELAY UNIT.

SEE PROPRIETARY NOTICE ON SHEET ONE

| | | | |
|--------------------------|-------------|----------------|-------------------|
| AUDIBLE AND VISUAL ALARM | | CNC SIZE C2 | SCALE 6PC |
| PART | SD-SC017-01 | SHEET #2 | PRINTED IN U.S.A. |



B

A

1

5

10

A

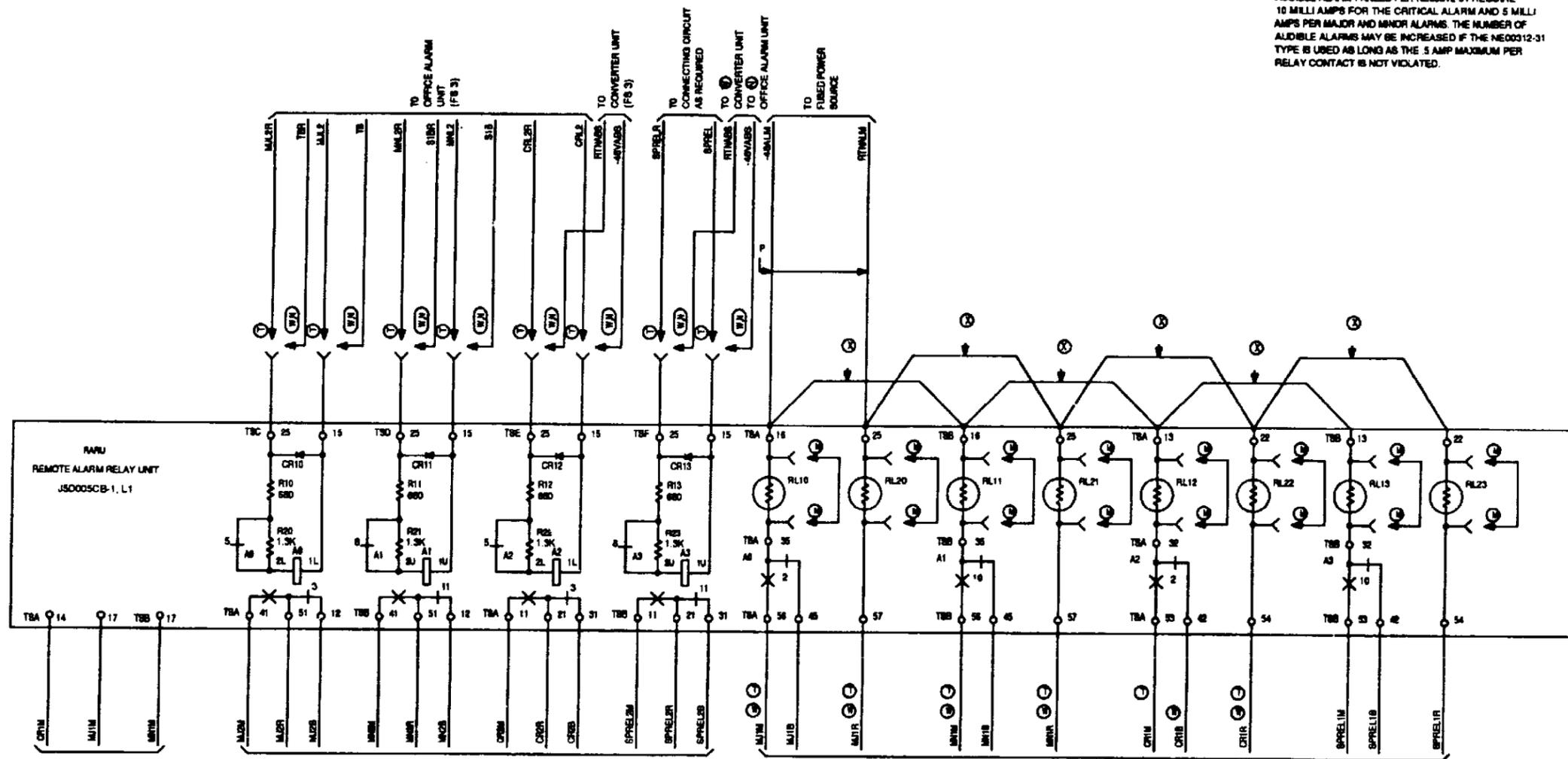
B

FS 4

ALARM REMOTING RELAY CIRCUIT

NOTES:

1. THE MAXIMUM LOAD PER RELAY CONTACT IS 5 AMP. THIS WILL EQUATE TO 3 AUDIBLE ALARM PANELS OF THE EDSD141-10 TYPE OR 6 EXT PILOT LIGHTS. AUDIBLE ALARM PANELS PER NE00312-31 REQUIRE 10 MILLI AMPS FOR THE CRITICAL ALARM AND 5 MILLI AMPS PER MAJOR AND MINOR ALARMS. THE NUMBER OF AUDIBLE ALARMS MAY BE INCREASED IF THE NE00312-31 TYPE IS USED AS LONG AS THE 5 AMP MAXIMUM PER RELAY CONTACT IS NOT VIOLATED.



TO TELEMETRY UNIT FOR REMOTE ALARM REPORTING VISUAL

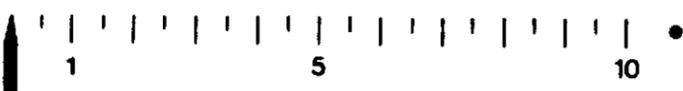
TO OTHER ALARM REPORTING EQUIPMENT REQUIRING CONTACT CLOSURE ONLY (SEE NOTE 1) OR TELEMETRY UNIT FOR REMOTE ALARM REPORTING AUDIBLE

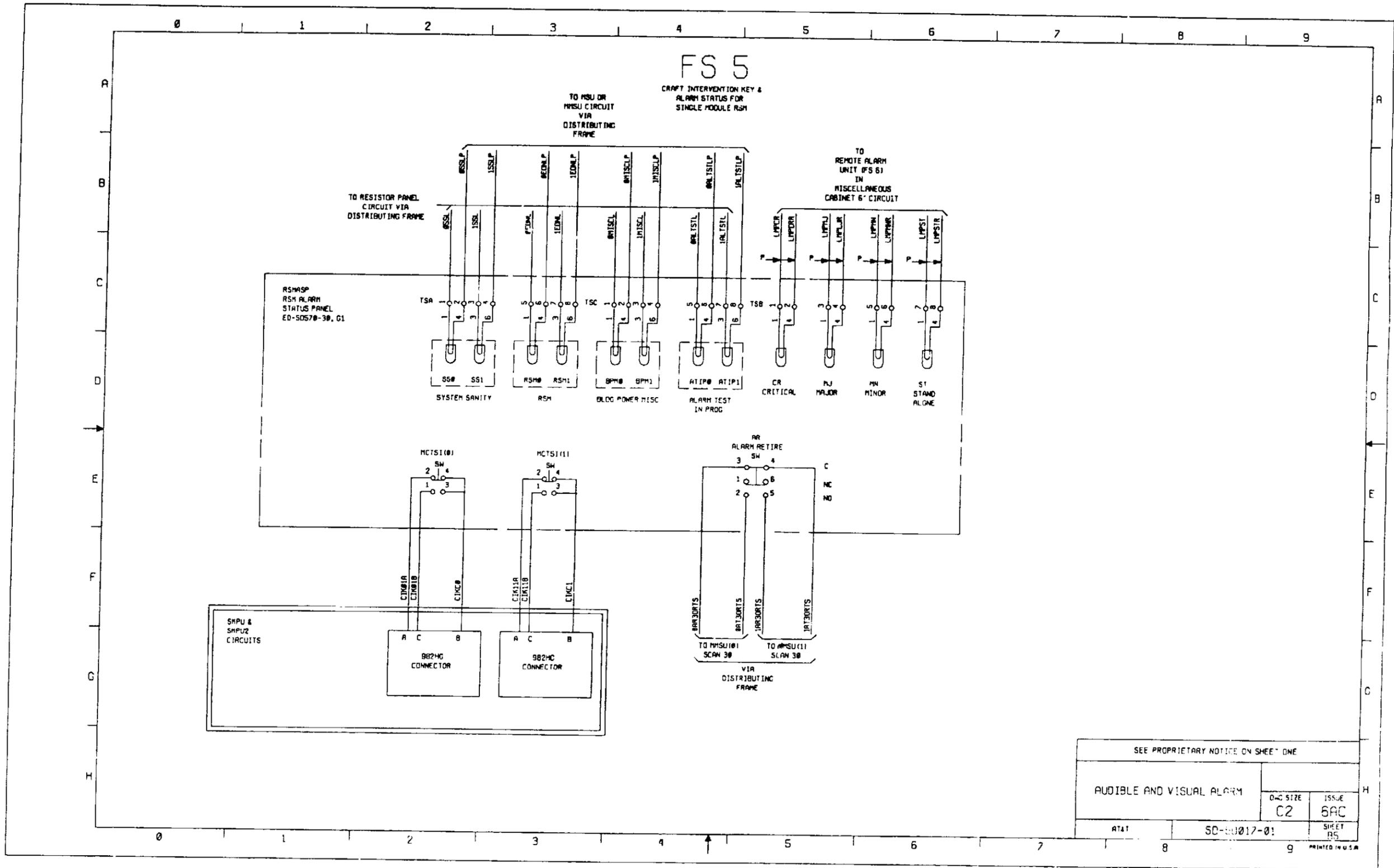
TO OTHER ALARM REPORTING EQUIPMENT REQUIRING VOLTAGE FOR FS2 (SEE NOTE 1)

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| | |
|--------------------------|--------------|
| AUDIBLE AND VISUAL ALARM | |
| DWG SIZE C2 | ISSUE 12B |
| AT&T | SD-50017-01 |
| SHEET B4 | |

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| | | | |
|--------------------------|-------------|-----------|-------|
| AUDIBLE AND VISUAL ALARM | | DATE SIZE | ISSUE |
| | | C2 | 6AC |
| ATAT | SD-80017-01 | SHEET 05 | |

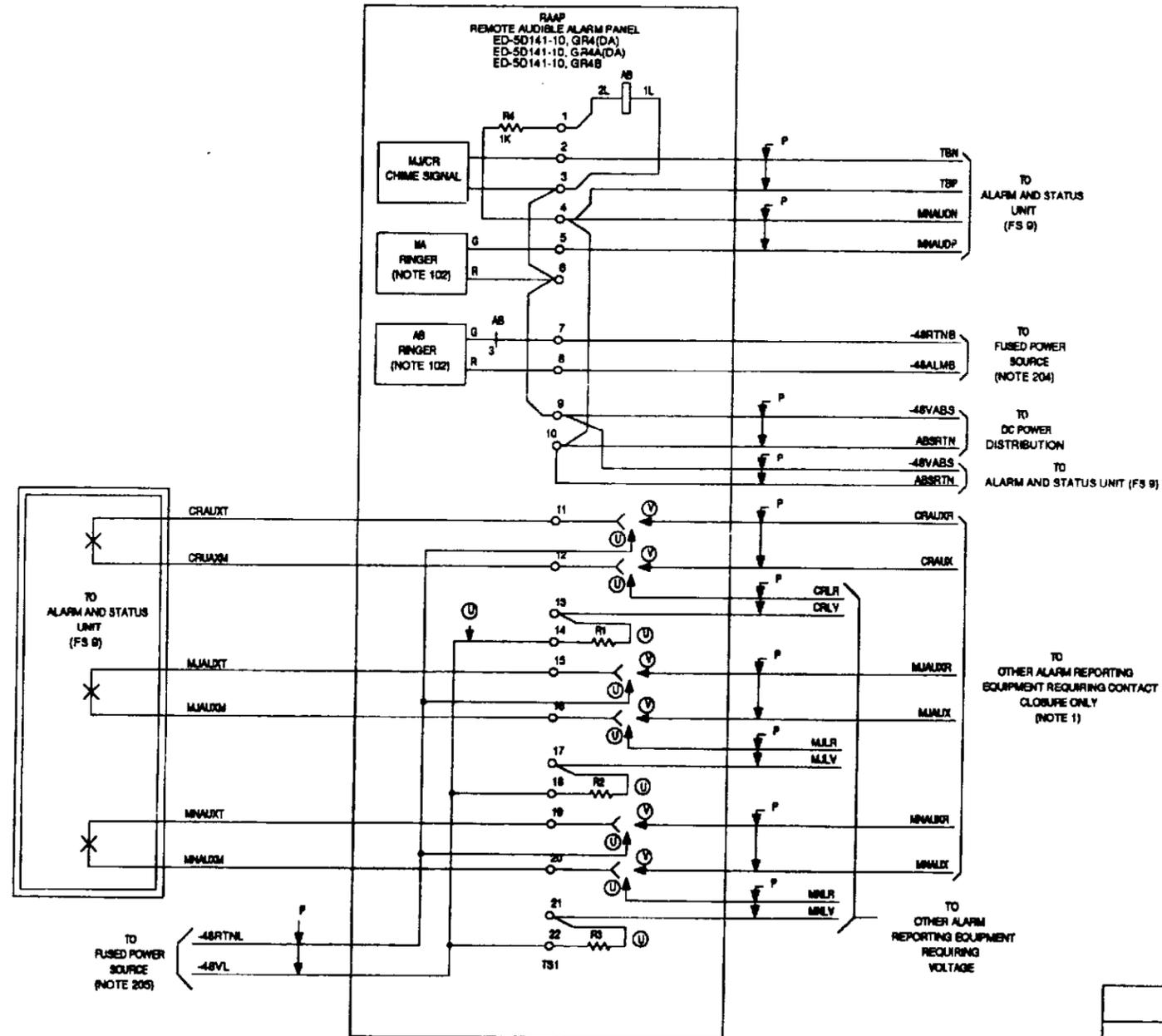
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FS 7

AUDIBLE ALARMS AND ALARM
REMOTING FOR MULTI MODULE RSM

NOTES:

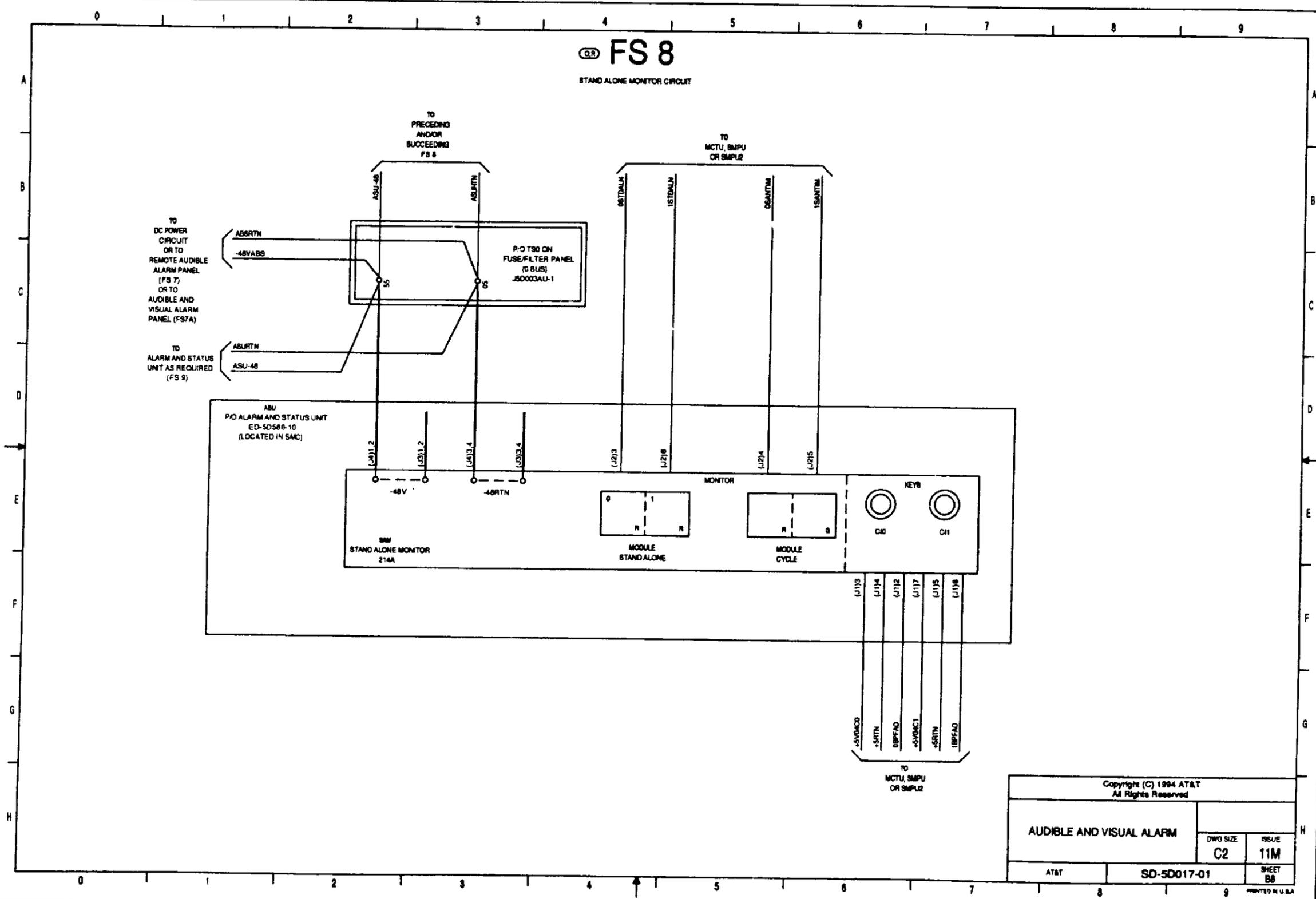
1. THESE CLOSURES MAY ONLY BE USED IN THE
VOLTAGE OR CLOSURE MODE, BUT NOT BOTH.



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| AUDIBLE AND VISUAL ALARM | | |
| DWG SIZE C2 | ISSUE 9B | |
| AT&T | SD-5D017-01 | SHEET B7A |
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0.8 FS 8

STAND ALONE MONITOR CIRCUIT



TO DC POWER CIRCUIT OR TO REMOTE AUDIBLE ALARM PANEL (FS 7) OR TO AUDIBLE AND VISUAL ALARM PANEL (FS7A)

TO ALARM AND STATUS UNIT AS REQUIRED (FS 9)

ABU P/O ALARM AND STATUS UNIT ED-50588-10 (LOCATED IN SMC)

P-O T80 ON FUSE/FILTER PANEL (S BUS) J50003ALU-1

MONITOR

MODULE STAND ALONE

MODULE CYCLE

KEYS

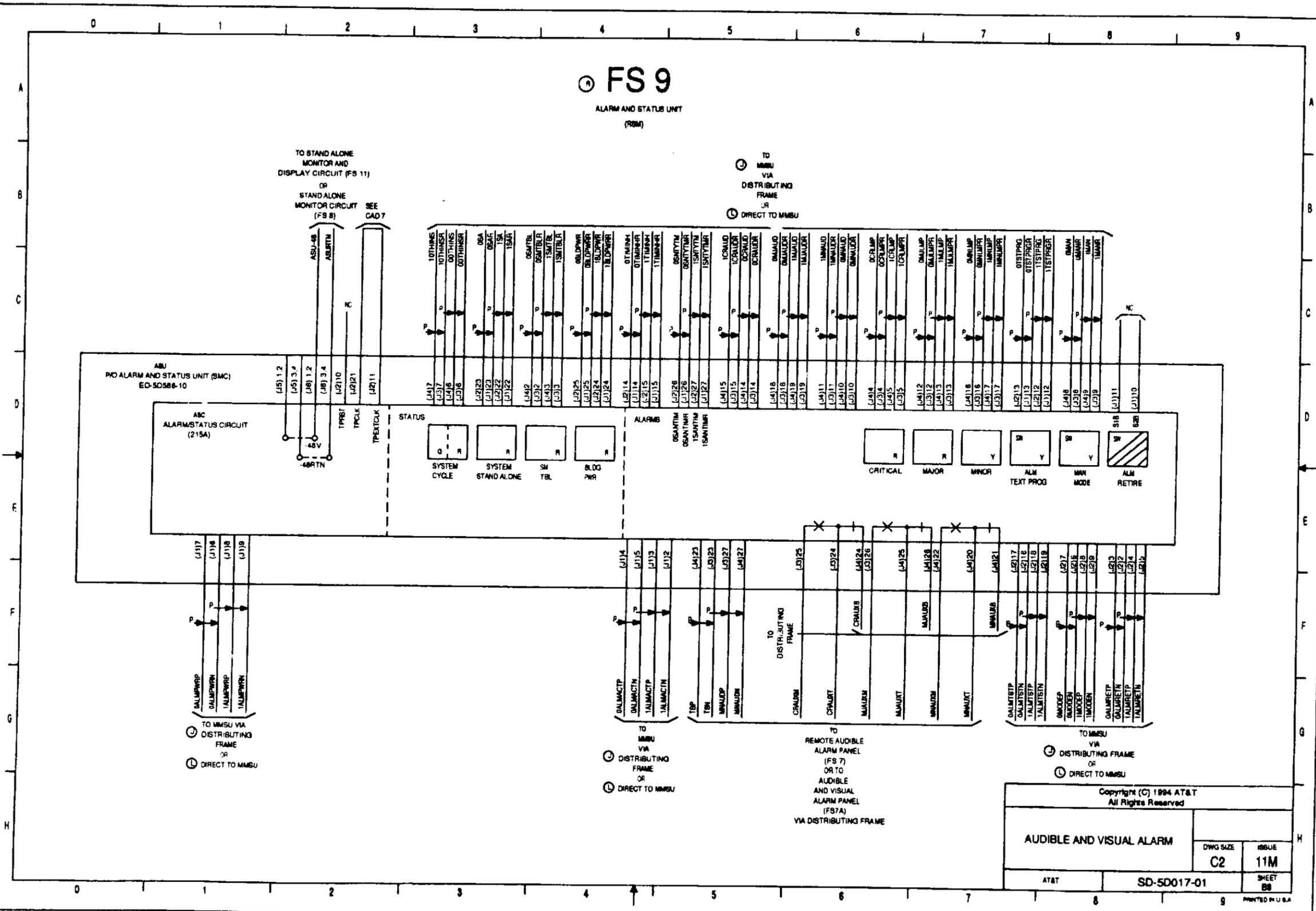
CR CH

| | | |
|--|-------------|----------|
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| AUDIBLE AND VISUAL ALARM | | |
| DWG SIZE | ISSUE | |
| C2 | 11M | |
| AT&T | SD-50017-01 | SHEET 88 |

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FS 9

ALARM AND STATUS UNIT
(R9M)



TO STAND ALONE
MONITOR AND
DISPLAY CIRCUIT (FS 11)
OR
STAND ALONE
MONITOR CIRCUIT
(FS 8) SEE
CAD 7

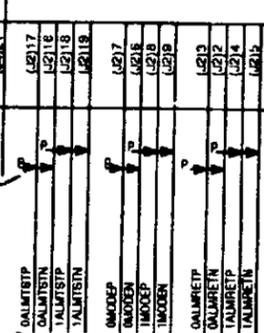
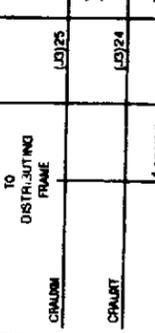
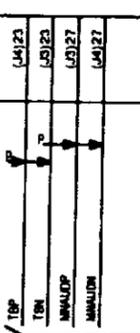
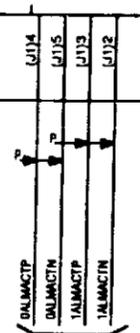
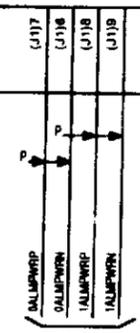
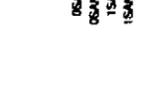
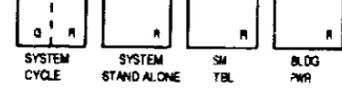
TO
MMSU
VIA
DISTRIBUTING
FRAME
OR
DIRECT TO MMSU

ABU
PIO ALARM AND STATUS UNIT (SMC)
ED-50588-10

ABC
ALARM STATUS CIRCUIT
(215A)

STATUS

ALARMS



TO MMSU VIA
DISTRIBUTING
FRAME
OR
DIRECT TO MMSU

TO
MMSU
VIA
DISTRIBUTING
FRAME
OR
DIRECT TO MMSU

TO
REMOTE AUDIBLE
ALARM PANEL
(FS 7)
OR TO
AUDIBLE
AND VISUAL
ALARM PANEL
(FS 7A)
VIA DISTRIBUTING FRAME

TO MMSU
VIA
DISTRIBUTING
FRAME
OR
DIRECT TO MMSU

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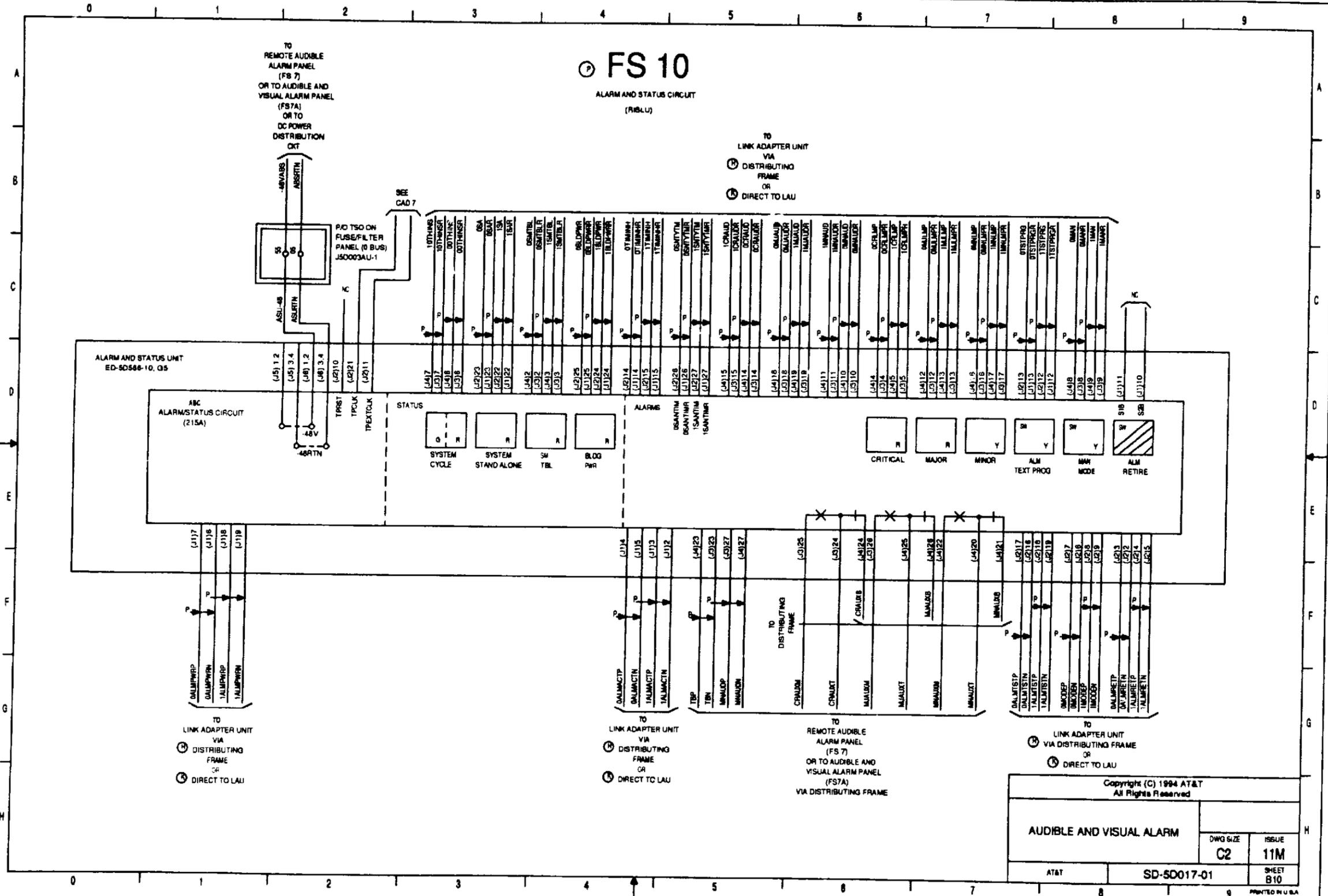
AUDIBLE AND VISUAL ALARM

| | |
|----------|-------------|
| DWG SIZE | ISSUE |
| C2 | 11M |
| AT&T | SD-5D017-01 |
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FS 10

ALARM AND STATUS CIRCUIT
(RIBLU)



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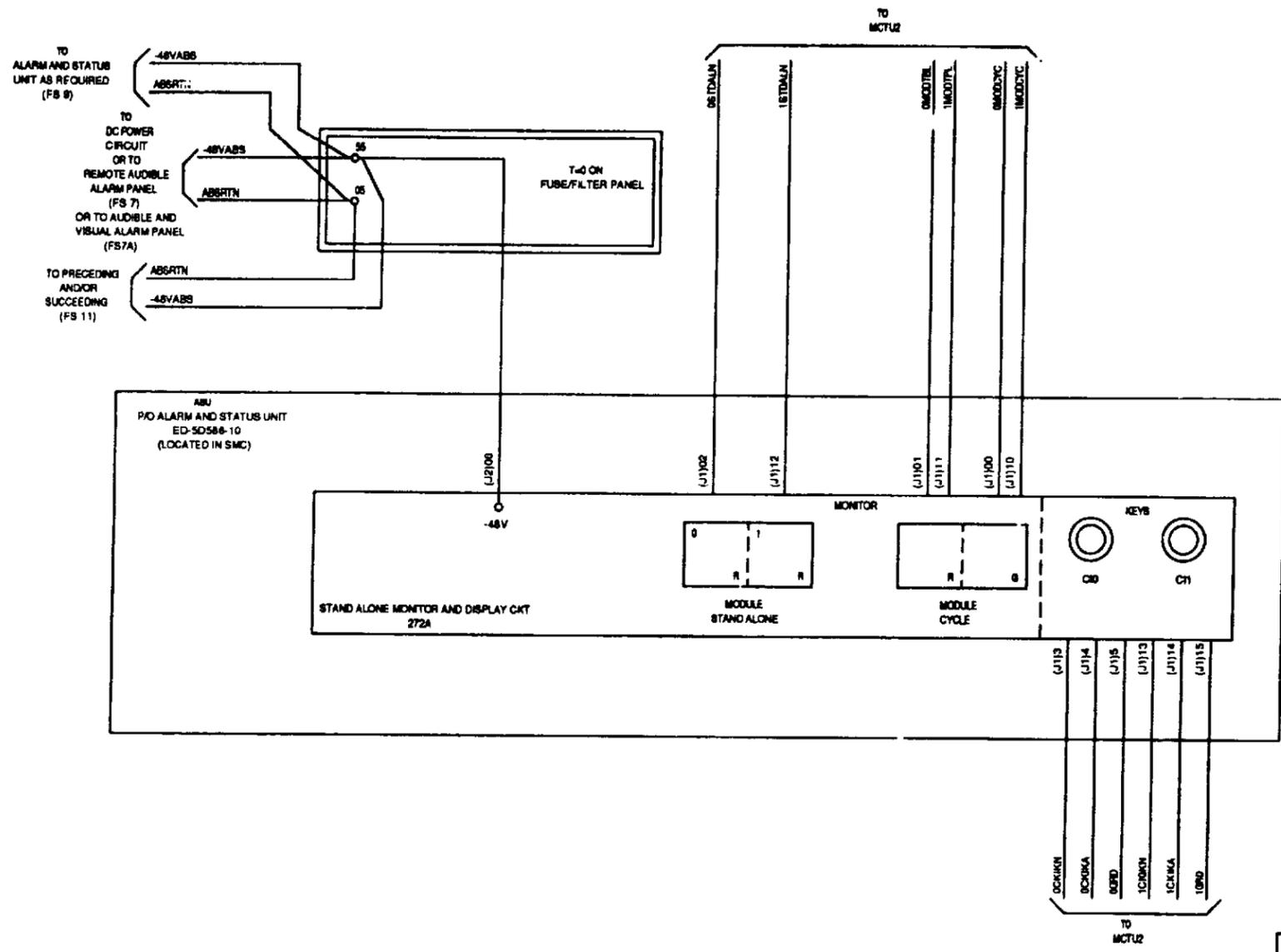
AUDIBLE AND VISUAL ALARM

| | |
|----------|-------------|
| DWG SIZE | ISSUE |
| C2 | 11M |
| AT&T | SD-50017-01 |
| | SHEET B10 |

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FS 11

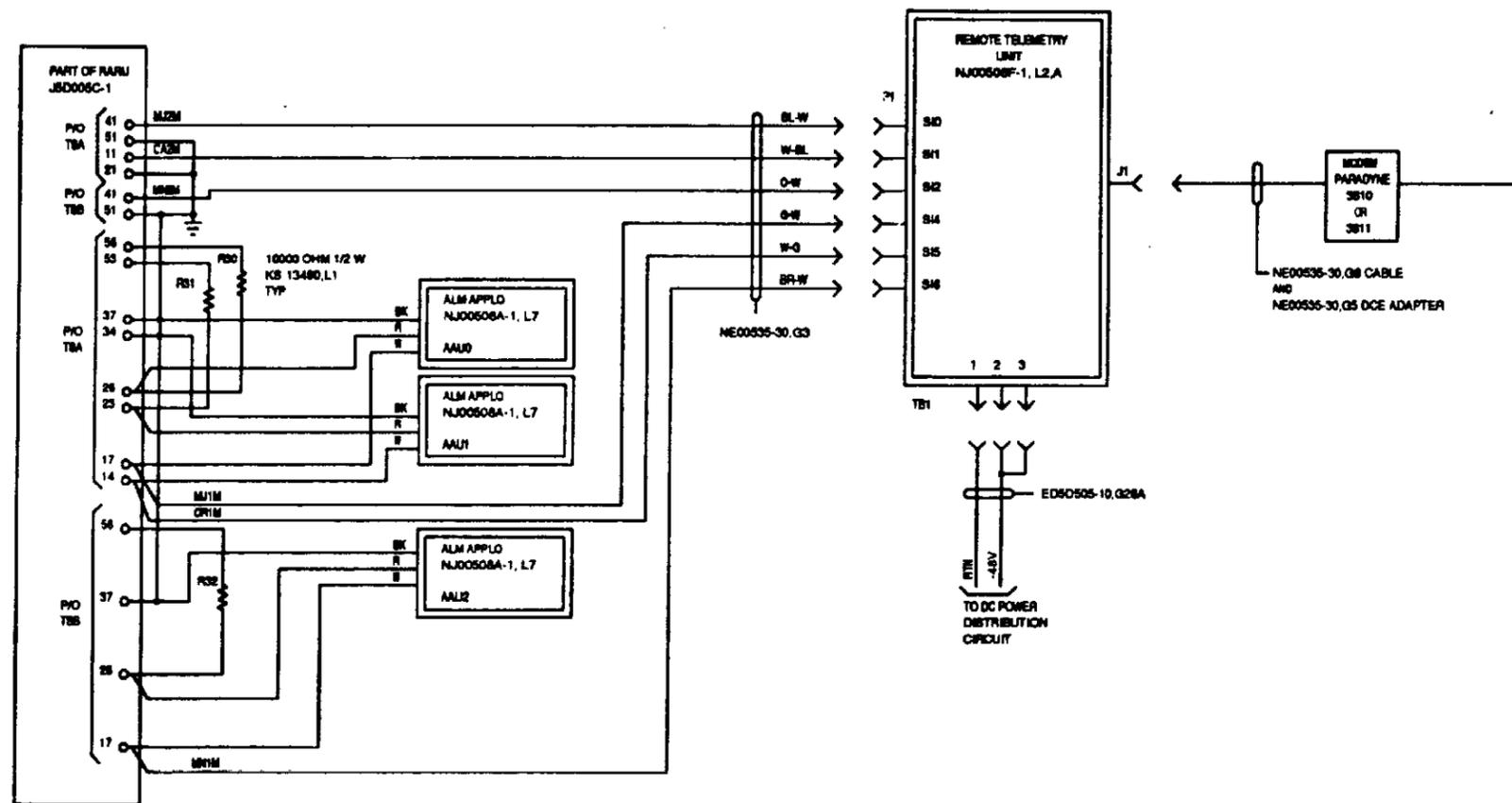
STAND ALONE MONITOR AND DISPLAY CIRCUIT



| | | |
|--|--------------|--------------|
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| AUDIBLE AND VISUAL ALARM | | |
| DWG SIZE C2 | ISSUE 11M | |
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PART OF FS 12

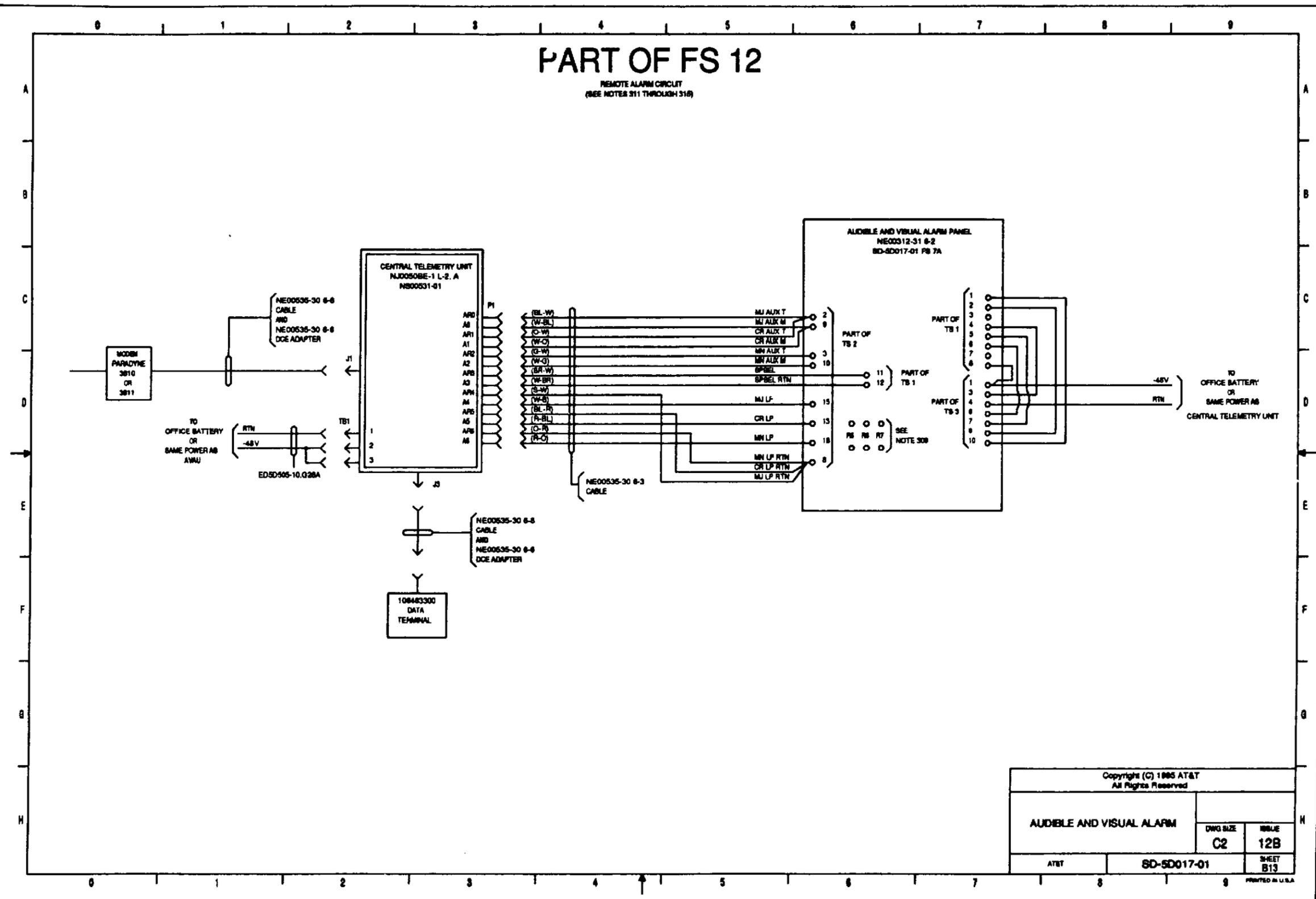
REMOTE ALARM CIRCUIT
(SEE NOTES 311 THROUGH 319)



| | | | |
|--|-------------|-----------|-------|
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| AUDIBLE AND VISUAL ALARM | | DRWG SIZE | ISSUE |
| | | C2 | 12B |
| AT&T | SD-SD017-01 | SHEET 812 | |
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PART OF FS 12

REMOTE ALARM CIRCUIT
(SEE NOTES 311 THROUGH 316)



| | | |
|--|-------------|----------|
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| AUDIBLE AND VISUAL ALARM | | DWG SIZE |
| | | C2 |
| | | ISSUE |
| | | 12B |
| AT&T | SD-SD017-01 | SHEET |
| | | B13 |
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APP FIG. 1 DA

| AUDIBLE ALARM PANEL ASSEMBLY | | | |
|------------------------------|-------|-----|--------------------------|
| OPTION | DESIG | LOC | CODE |
| | AAP | 1C1 | ED-SD141-10, G1 E/W (DA) |
| | AAP | 1C1 | ED-SD141-10, GR3 (DA) |
| | AAP | 1C1 | ED-SD141-10, GR3A (DA) |
| | AAP | 1C1 | ED-SD141-10, GR3B |

| CHIME SIGNAL | | | |
|--------------|-------|-----|-------------|
| OPTION | DESIG | LOC | CODE |
| | MJCR | 1C3 | K9-5584, L8 |

| RINGER | | | |
|--------|-------|-----|--|
| OPTION | DESIG | LOC | CODE |
| | AS | 1E3 | S1B-50(DA) |
| | WA | 1E3 | S1B-50(DA) |
| | AS | 1F3 | CSW1A-50 (DA) |
| | WA | 1G3 | (SEE NOTE 102) CSW1A-50 (DA) |
| | AS | 1E3 | W1C-248(DA) |
| | WA | 1E3 | (SEE NOTE 105) W1C-248(DA) |
| | AS | 1E3 | ED-SD725-30 L1 |
| | WA | 1E3 | (SEE NOTE 108) ED-SD725-30, G1, G2, G3 |

APP FIG. 1A

| AUDIBLE ALARM PANEL ASSEMBLY E/W | | | |
|----------------------------------|-------|-----|----------------|
| EXIT PILOT LIGHTS | | | |
| OPTION | DESIG | LOC | CODE |
| | AAP | | NE00312-31, G1 |
| | CR | | 48E58 |
| | MJ | | 48E58 |
| | MN | | 48E58 |

APP FIG. 2

| EXIT PILOT LAMP ASSEMBLY | | |
|--------------------------|-----|---------------------|
| DESIG | LOC | CODE |
| EPL | 2A8 | ED-SD141-10, G2 E/W |

| LAMP | | |
|-------|-----|-------|
| DESIG | LOC | CODE |
| CR | 1B8 | 48E58 |
| MJ | 1A8 | 48E58 |
| MN | 1B8 | 48E58 |

APP FIG. 3

| UNIT, REMOTE ALARM RELAY | | |
|--------------------------|-----|--------------------|
| DESIG | LOC | CODE |
| RAAU | 4E2 | JS0005CB-1, L1 E/W |

| DIODE | | |
|--------------|-----|------|
| DESIG | LOC | CODE |
| (4) CR1(0-3) | 4E2 | 458A |

| RESISTANCE LAMP | | |
|-----------------|-----|------|
| DESIG | LOC | CODE |
| (4) R1(0-3) | 4E5 | 13L |
| (4) R2(0-3) | 4E8 | 13L |

| RESISTOR | | |
|-------------|--------------|-------------------|
| DESIG | LOC | CODE |
| (4) R1(0-3) | 4E2 | KS19152 L2, 880 |
| (4) R2(0-3) | 4E3 | KS19152 L2, 1300 |
| (3) R3(0-2) | 12C2 12C3 | KS13490, L1 10000 |

| UNIT, ALARM APPLIQUE | | |
|----------------------|---------------|----------------|
| DESIG | LOC | CODE |
| (3) AAU(0-2) | 12D3, 12E3 | NJ00508A-1, L7 |

APP FIG. 4 DA

| PANEL, REMOTE AUDIBLE ALARM | | |
|-----------------------------|-----|---------------------------|
| DESIG | LOC | CODE |
| RAAP | 784 | ED-SD141-10, G4 E/W (DA) |
| RAAP | 784 | ED-SD141-10, G4A E/W (DA) |
| RAAP | 784 | ED-SD141-10, G4B E/W |

| RELAY | | |
|-------|-----|------|
| DESIG | LOC | CODE |
| AR | 786 | AK36 |

| RESISTOR | | |
|----------|-----|-----------------|
| DESIG | LOC | CODE |
| R1 | 7E5 | (SEE NOTE 308) |
| R2 | 7F5 | |
| R3 | 7G5 | |
| RA | 784 | KS19152, L2, 1K |

APP FIG. 4A

| REMOTE AUDIBLE ALARM PANEL ASSEMBLY E/W | | | |
|---|-------|-----|----------------|
| EXIT PILOT LIGHTS | | | |
| OPTION | DESIG | LOC | CODE |
| | RAAP | | NE00312-31, G2 |
| | CR | | 48E58 |
| | MJ | | 48E58 |
| | MN | | 48E58 |

| | | |
|--|-------------|-------------------|
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| DWG SIZE C2 | SHEET C1 | |
| AT&T | SD-5D017-01 | PRINTED IN U.S.A. |

APP FIG. 5

| PANEL, RBM ALARM STATUS | | |
|-------------------------|-----|--|
| DEBG | LOC | CODE |
| RBMASP | SC1 | ED-SD570-30, G1 E/W |
| LAMP | | |
| DEBG | LOC | CODE |
| (2) ATRP(0,1) | SD4 | 4RE88 |
| (2) BPM(0,1) | SD4 | |
| CR | SD6 | |
| MJ | SD6 | |
| IN | SD7 | |
| (2) RBMD(1) | SD3 | |
| (2) SS(C,1) | SD2 | |
| PT | SD8 | 4RE88 |
| SWITCH | | |
| DEBG | LOC | CODE |
| AP | SE5 | MPS200R E/W C22 CAP |
| (2) MCTSD(0,1) | SE2 | MBPF-101BC E/W G15 GUARD (NOTE 306) |

APP FIG. 6

| UNIT, ALARM AND STATUS | | |
|------------------------|----------|-----------------------|
| DEBG | LOC | CODE |
| ASU | SD1,SD0 | ED-SD686-10, G1/3 E/W |
| ASU | SD1 | ED-SD686-10, G2/4 E/W |
| ASU | 1808 | ED-SD686-10, G5 E/W |
| CIRCUIT MODULE | | |
| DEBG | LOC | CODE |
| (R) SAM | SE2 | 214A |
| (R) ABC | SD1,10D1 | 215A |

APP FIG. 7

| UNIT, REMOTE TELEMETRY | | |
|-----------------------------------|------|-----------------|
| DEBG | LOC | CODE |
| RTU | 1288 | NJ00508F-1, L2A |
| UNIT, CENTRAL TELEMETRY | | |
| DEBG | LOC | CODE |
| CTU | 1302 | NJ00508E-1, L2A |
| REMOTE AUDIBLE VISUAL ALARM PANEL | | |
| DEBG | LOC | CODE |
| RAVAU | 1388 | NE00312-31, G2 |

| | | |
|--|-------------|-------------|
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B

A

A

B

CIRCUIT NOTES:

| DESIG | FUSE REF | POTENTIAL | ONE PER |
|----------------|----------|---------------|---------|
| | | | |
| BATTERY SYMBOL | | VOLTAGE RANGE | |
| -48V | | 39.50-57.00 | |

CIRCUIT NOTES (CONT):

103. R1 VALUE SHALL BE SELECTED TO MEET REQUIREMENTS 1.03(B) OF A-811K013.
104. A RELAY COIL WHEN CONNECTED TO THE OFFICE ALARM UNIT HAS THE FOLLOWING REQUIREMENTS:
1. VOLTAGE ACROSS ALARM TERMINALS IS 39.50 TO 57.00 VOLTS.
 2. CURRENT DRAIN WILL BE LESS THAN 0.1 AMPERE.
 3. A DIODE SHALL BE ACROSS THE COIL.

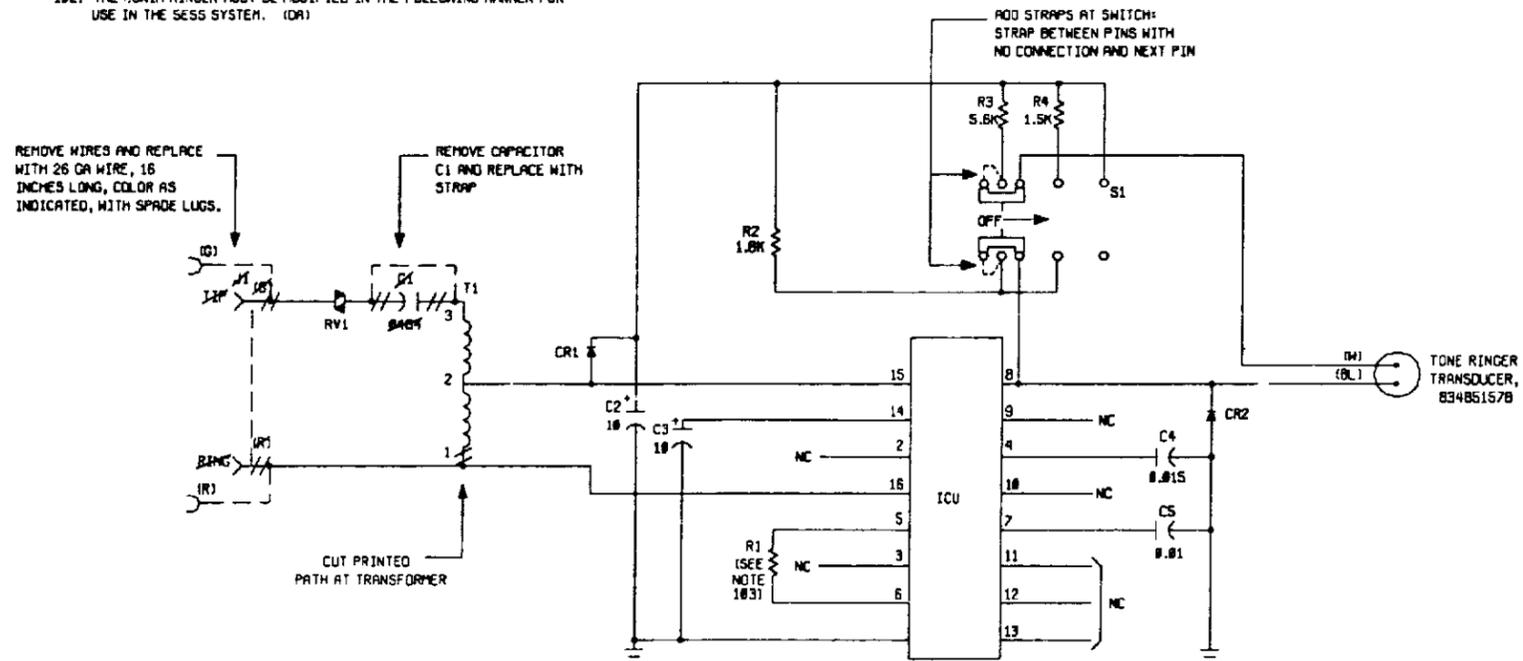
102. THE CSMIA RINGER MUST BE MODIFIED IN THE FOLLOWING MANNER FOR USE IN THE SESS SYSTEM. (OR)

REMOVE WIRES AND REPLACE WITH 26 GA WIRE, 18 INCHES LONG, COLOR AS INDICATED, WITH SPRADE LUGS.

REMOVE CAPACITOR C1 AND REPLACE WITH STRAP

CUT PRINTED PATH AT TRANSFORMER

ADD STRAPS AT SWITCH: STRAP BETWEEN PINS WITH NO CONNECTION AND NEXT PIN



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AUDIBLE AND VISUAL ALARM

| | |
|----------|-------|
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AT&T

SD-50017-01

| |
|-------|
| SHEET |
| D1 |

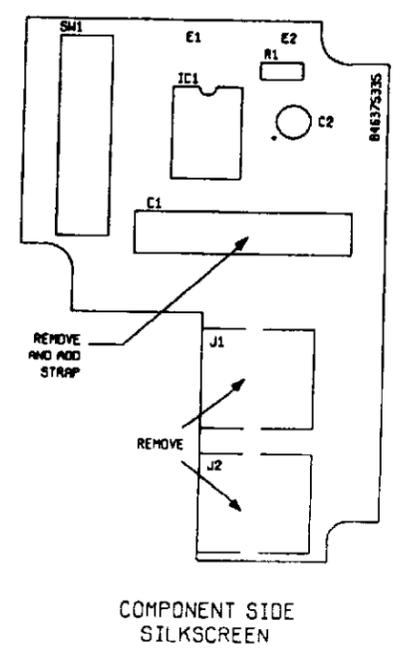
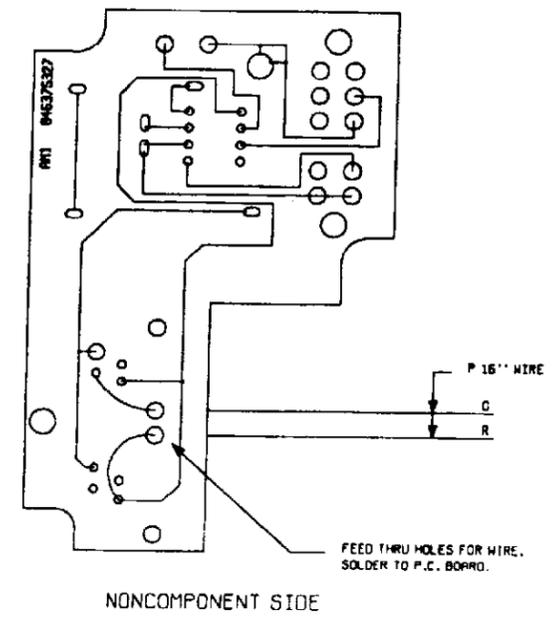
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0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

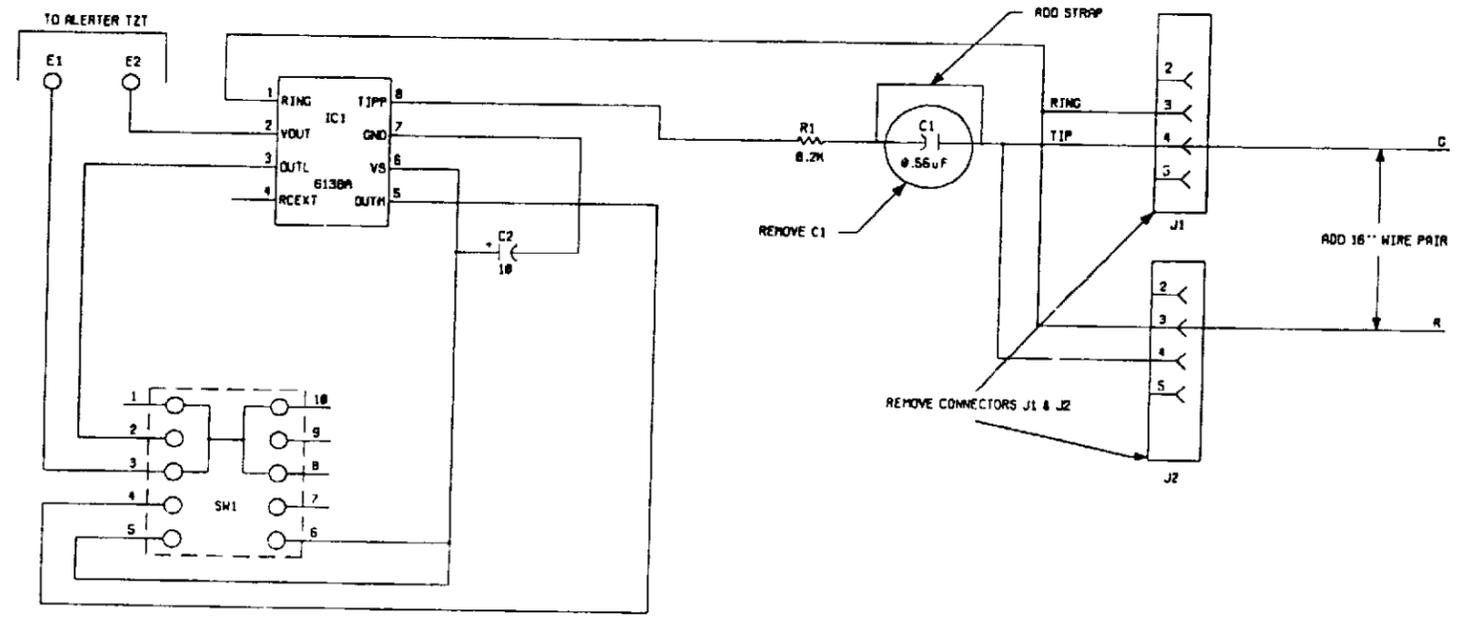
CIRCUIT NOTES (CONT):

185. THE MIC-248 (18544548) RINGER MUST BE MODIFIED IN THE FOLLOWING MANNER FOR USE IN THE GESS SYSTEM. (DA)



NOTES:

1. ALL CAPACITOR VALUES ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
2. ALL RESISTOR VALUES ARE IN OHMS UNLESS OTHERWISE SPECIFIED.



| | | |
|-------------------------------------|-------------|----------|
| SEE PROPRIETARY NOTICE ON SHEET ONE | | |
| AUDIBLE AND VISUAL ALARM | | ISSUE |
| DRG SIZE | C2 | 6AC |
| AT&T | SD-50017-01 | SHEET 02 |

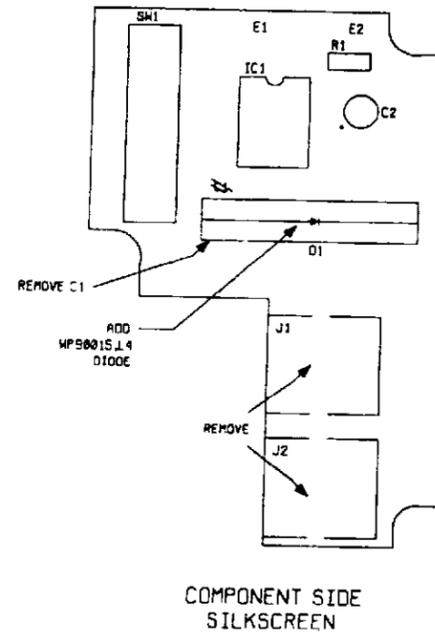
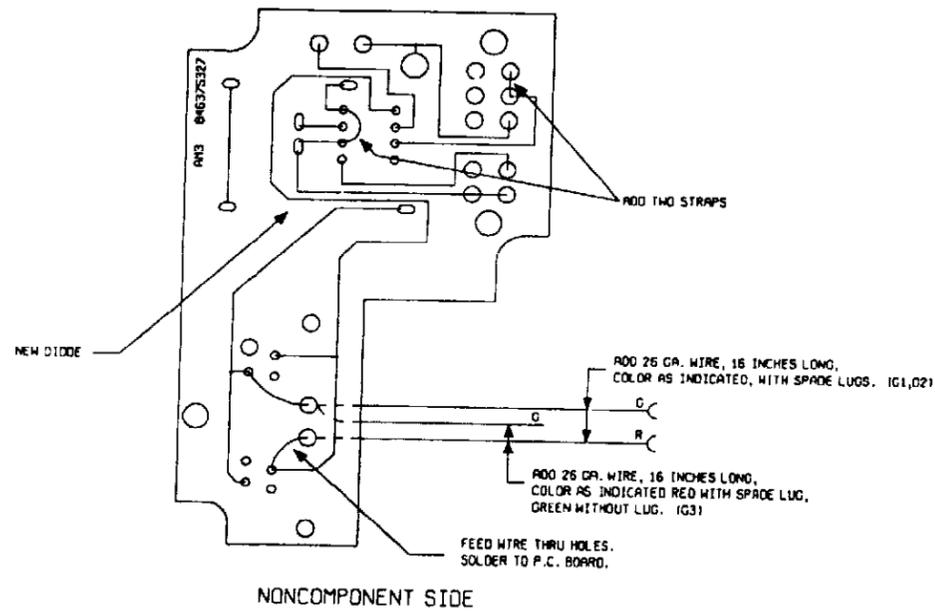
0 1 2 3 4 5 6 7 8 9 PRINTED IN U.S.A.

CIRCUIT NOTES (CONT):

105. THE MIC-246 (105446548) RINGER MUST BE MODIFIED IN THE FOLLOWING MANNER FOR USE IN THE SESS SYSTEM. IDENTIFY MODIFIED RINGER AS FD60726-36 01, 02 OR 03.

NOTES:

1. ALL CAPACITOR VALUES ARE IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
2. ALL RESISTOR VALUES ARE IN OHMS UNLESS OTHERWISE SPECIFIED.

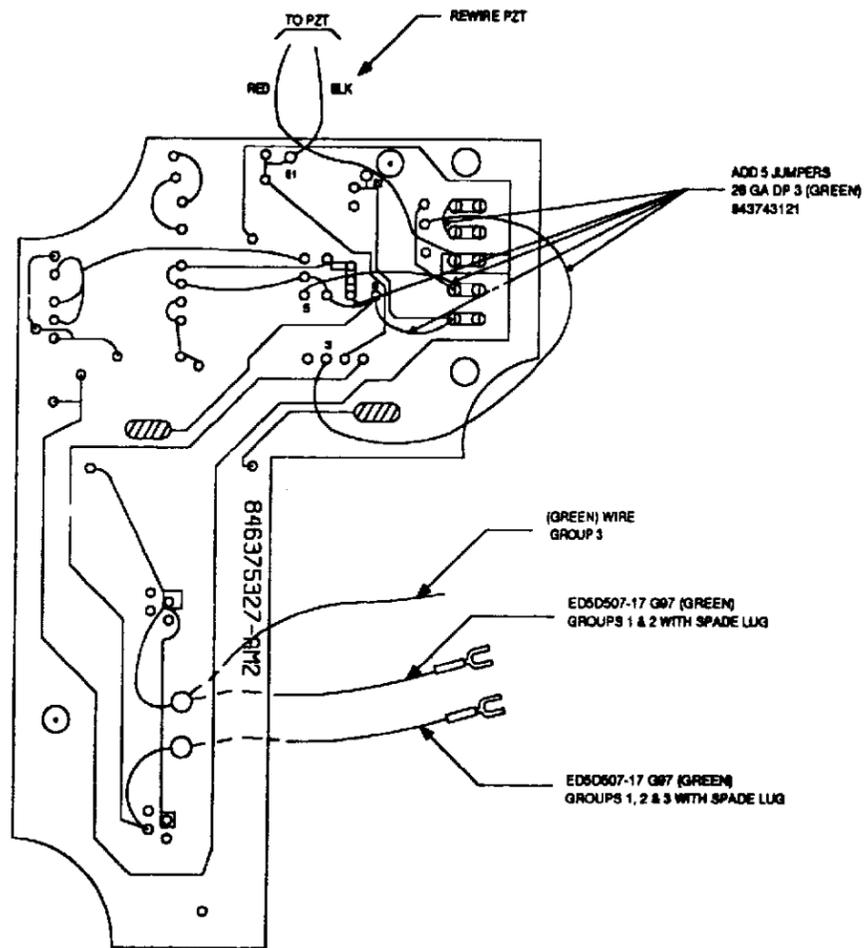


| | | |
|-------------------------------------|-------------|----------|
| SEE PROPRIETARY NOTICE ON SHEET ONE | | |
| AUDIBLE AND VISUAL ALARM | | DMC SIZE |
| | | C2 |
| | | ISSUE |
| | | 6AC |
| AT&T | SD-50017-01 | SHEET |
| | | 03 |
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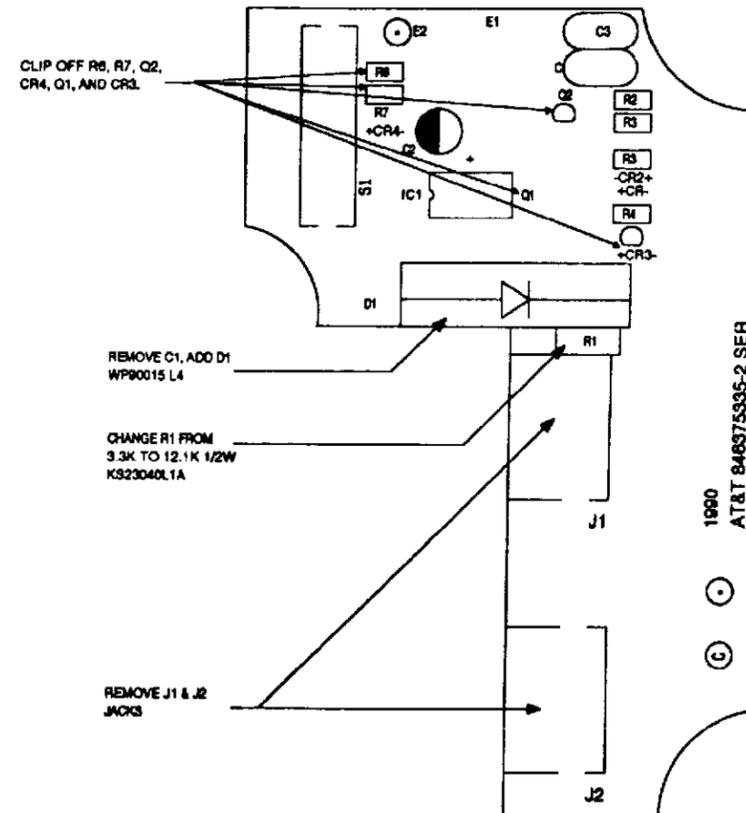
CIRCUIT NOTES (CONT)

107. THE W1C-348 (108448548) RINGER MUST BE MODIFIED IN THE FOLLOWING MANNER FOR USE IN THE 5ESS SYSTEM. IDENTIFY MODIFIED RINGER AS ED-50725-30 G1, G2, G3.

NOTES:
 1) ALL CAPACITOR VALUES IN MICROFARADS UNLESS OTHERWISE SPECIFIED.
 2) ALL RESISTOR VALUES ARE IN OHMS UNLESS OTHERWISE SPECIFIED



NONCOMPONENT SIDE



COMPONENT SIDE SILKSCREEN

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| | C2 | 9B |
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EQUIPMENT NOTES:

204. THIS FUSE IS JOB ASSIGNED, TYPICALLY FROM THE FIRST LTP OR MISCELLANEOUS CABINET AND IS ALWAYS REQUIRED WHEN AN AUDIBLE ALARM PANEL IS USED, A 70H, 3A AMP FUSE IS REQUIRED. A WPH70B, L10A(1/2 AMP) FUSE IS REQUIRED INSTEAD OF A 70H, 3A AMP FUSE WHEN AN AUDIBLE ALARM PANEL IS UTILIZED IN A CABINET THAT IS EQUIPPED WITH THE MODULAR FUSE/FILTER UNIT.

205. THIS FUSE IS JOB ASSIGNED AND IS ONLY REQUIRED IF ASLE PILOT LIGHTS OR OTHER ALARM EQUIPMENT REQUIRES VOLTAGE. TYPICALLY A 48V FUSE WOULD BE ASSIGNED ON THE FIRST LTP OR MISCELLANEOUS CABINET.

INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED: RESISTANCE VALUES ARE IN OHMS CAPACITANCE VALUES ARE IN MICROFARADS VALUES PRECEDED BY THE SYMBOL + (PLUS) OR - (MINUS) ARE IN VOLTS.

| FEATURE OR OPTION | PROVIDE | | QUANTITY |
|---|--|------------|---|
| | APP FIG | AMP OR VOL | |
| AUDIBLE ALARM PANEL | VIA OAU | Z | MIN-1 SEE NOTE 1 |
| | VIA RARU | W | AS REQUIRED SEE NOTE 1 |
| EXIT PILOT LAMPS | VIA OAU | S | MAX 3 LAMPS PER CONTACT TOTAL OMIT T SEE NOTE 1 |
| | VIA RARU | T | AS REQUIRED OMIT S |
| REMOTE ALARM RELAY UNIT | VISUAL | XBT | AS REQUIRED |
| | AUDIBLE | XBW | AS REQUIRED |
| RARU | FACILITATE CABLING WHEN RARU IS LOCATED IN A SEPARATE CABINET | N | |
| AUDIBLE ALARM PANEL | | | 1 Y MAX 1 |
| CRAFT INTERVENTION KEY AND STATUS ALARM PANEL | | | 5 1 PER RBM |
| REMOTE AUDIBLE ALARM PANEL | OTHER ALARM REPORTING EQUIPMENT REQUIRES VOLTAGE | U | 1 PER OFFICE |
| | OTHER ALARM REPORTING EQUIPMENT REQUIRES CLOSURES ONLY | V | SEE NOTE 2 |
| ALARM AND STATUS UNIT | 1ST SMC | RL | 1 PER OFFICE |
| | SUCCESSING SMC | G | 1 PER RBM |
| | RISLU | P,K | AS REQUIRED |
| REMOTE ALARM RELAY UNIT | STRAP OUT RESISTOR LAMPS WHEN CONNECTING UP AUDIBLE ALARM PANELS FROM THE RARU | H | |

NOTES:

- THREE AUDIBLE VISUAL ALARM PANELS MAXIMUM ARE PERMITTED PER OAU. A EXIT PILOT LAMP UNIT MAYBE SUBSTITUTED FOR THE AUDIBLE VISUAL ALARM PANEL, FOR ADDITIONAL UNITS A RARU IS REQUIRED.
- THREE AUDIBLE VISUAL ALARM PANELS MAXIMUM ARE PERMITTED PER ASU. A EXIT PILOT LAMP UNIT MAYBE SUBSTITUTED FOR THE AUDIBLE VISUAL ALARM PANEL, FOR ADDITIONAL UNITS A RARU IS REQUIRED.

INFORMATION NOTES (CONT):

303. RECORD OF FIGURES, WIRING AND APPARATUS CHANGES

| CHANGED ON ISS | IF JOB RECORDS DO NOT SPECIFY | THIS OPTION WAS FURN | SEE NOTE | USE IN CIRCUIT | | |
|----------------|-------------------------------|----------------------|----------|----------------|-----|----|
| | | | | STD | AMM | NO |
| 2B | X | NONE | | X | | |
| 2B | Y,Z | NONE | | W,Y,Z | | |
| 2B | U,V | NONE | | UV | | |
| 2B | S,T | S | | S,T | | |
| 2B | R,Q,P | NONE | | R,Q,P | | |
| | | | | AVAIL | DA | |
| 4B | M | | | M | | |
| 5B | N,W | W | | N,W | | |
| 8M | L,K | | | L,K | H,J | |
| 9B | 1A,4A | | | | 1,4 | |

304. CABLING INFORMATION IS CONTAINED IN ED-5D100-11 AND ED5D500-11 FOR WIRING CABINETS.

305. CABLING INFORMATION IS CONTAINED IN ED-5D047-30 FOR WIRING FRAMES.

306. ASSIGNMENT FOR ALARMS IS DONE IN DS-5D047-01.

307. ALARMS ARE CONTROLLED BY DISTRIBUTE (SD) OR SCAN (SC) POINTS. THE FOLLOWING TABLE IS AN EXAMPLE OF SUCH ASSIGNMENTS. APPROPRIATE SCHEMATIC DRAWINGS FURTHER EXPLAIN THEIR APPLICATION.

SECTION FROM SD-5D007-01, ISSUE 1 (THIS FIGURE WILL NOT BE CURRENT).

INFORMATION NOTES (CONT):

307. (CONT): PC20 - THIS COMMUNITY IS EQUIPPED WITH A U433 CIRCUIT PACK, WHICH IS ALWAYS REQUIRED, AND IS USED FOR SCAN AND DISTRIBUTIVE POINT ASSIGNMENTS FOR THE OFFICE ALARMS. SPECIFIC ASSIGNMENTS ARE:

| SCAN POINT | UNIT/FRAME | LEAD | SD POINT | UNIT/FRAME | LEAD |
|------------|-----------------|------|----------|------------|------|
| SC00 | BLDG, FIRE | CJ | SD00 | | |
| SC01 | FIRE ALARM TEL. | MJ | SD01 | | |
| SC02 | 0 | SC02 | SD02 | | |
| SC03 | 0 | SC02 | SD03 | | |
| SC04 | 0 | SC02 | SD04 | | |
| SC05 | 0 | SC02 | SD05 | | |
| SC06 | 0 | MJ | SD06 | | |
| SC07 | 0 | MJ | SD07 | | |
| SC08 | 0 | MJ | SD08 | | |
| SC09 | 0 | MJ | SD09 | | |
| SC10 | 0 | MJ | SD10 | | |
| SC11 | 0 | MJ | SD11 | | |
| SC12 | 0 | MJ | SD12 | | |
| SC13 | 0 | MJ | SD13 | | |
| SC14 | 0 | MJ | SD14 | | |
| SC15 | 0 | MJ | SD15 | | |
| SC16 | 0 | MJ | SD16 | | |
| SC17 | 0 | MJ | SD17 | | |
| SC18 | 0 | MJ | SD18 | | |
| SC19 | 0 | MJ | SD19 | | |
| SC20 | 0 | MJ | SD20 | | |
| SC21 | 0 | MJ | SD21 | | |
| SC22 | 0 | MJ | SD22 | | |
| SC23 | 0 | MJ | SD23 | | |
| SC24 | 0 | MJ | SD24 | | |
| SC25 | 0 | MJ | SD25 | | |
| SC26 | 0 | MJ | SD26 | | |
| SC27 | 0 | MJ | SD27 | | |
| SC28 | DSCHG FUSE FAIL | MJ | SD28 | | |
| SC29 | INV FAIL | MJ | SD29 | | |
| SC30 | MISC PWR | MJ | SD30 | | |
| SC31 | MISC PWR | MJ | SD31 | | |
| SC32 | MISC PWR | MJ | | | |
| SC33 | RECT FAIL | MJ | | | |
| SC34 | | MJ | | | |
| SC35 | F F PDF-0 | MJ | | | |
| SC36 | U A PDF-1 | MJ | | | |
| SC37 | S I PDF-2 | MJ | | | |
| SC38 | E L PDF-3 | MJ | | | |
| SC39 | | MJ | | | |
| SC40 | ALM BAT | MJ | | | |
| SC41 | CO BAT DSCHG | MJ | | | |
| SC42 | S S LOW FUEL | MJ | | | |
| SC43 | T L OPER | MJ | | | |
| SC44 | B N RECT FAIL | MJ | | | |
| SC45 | Y T FAIL | MJ | | | |
| SC46 | HIGH VLTO | MJ | | | |
| SC47 | COM PWR FAIL | MJ | | | |

308. MAY BE OBTAINED FROM: ALGOSWITCH, NO. ANDOVER, MA.

309. RESISTOR TYPE, VALUE, AND POWER ARE JOB ASSIGNED AS REQUIRED. CURRENT THROUGH ASU CONTACT SHOULD BE LIMITED TO .1 AMPERE. STRAPPED FOR REMOTE VISUAL ALARMS.

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AUDIBLE AND VISUAL ALARM

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| | | SHEET D6 | |

INFORMATION NOTES (CONT):

- 310. RESERVED
- 311. CENTRAL AND REMOTE TELEMETRY UNIT FUSES SHALL BE ASSIGNED ON A JOB BASIS. FUSES TO BE ZAMP FAST ACTING.
- 312. IF OFFICE -48V BATTERY IS NOT AVAILABLE TO POWER THE CENTRAL TELEMETRY UNIT, NJ00006-1, AND AUDIBLE VISUAL ALARM UNIT, NED0012-31 A LAMBDA, LRS-65-48 POWER SUPPLY, 90V TO 132VAC, 47-63HZ, 8.2AMP OR EQUIVALENT MAY BE PROVIDED.
- 313. MODULAR CORDS USED FOR REMOTE ALARM CONNECTIONS MUST NOT EXCEED 90.98M (200FT).
- 314. ALL CONNECTIONS AND STRAPS WITHIN THE AUDIBLE VISUAL ALARM UNIT ARE TO BE 22AWG MINIMUM.
- 315. FOR ADDITIONAL INFORMATION ON REMOTE ALARM UNITS AND CONNECTION SEE NED0012-31 AND NJ00006PM-T.

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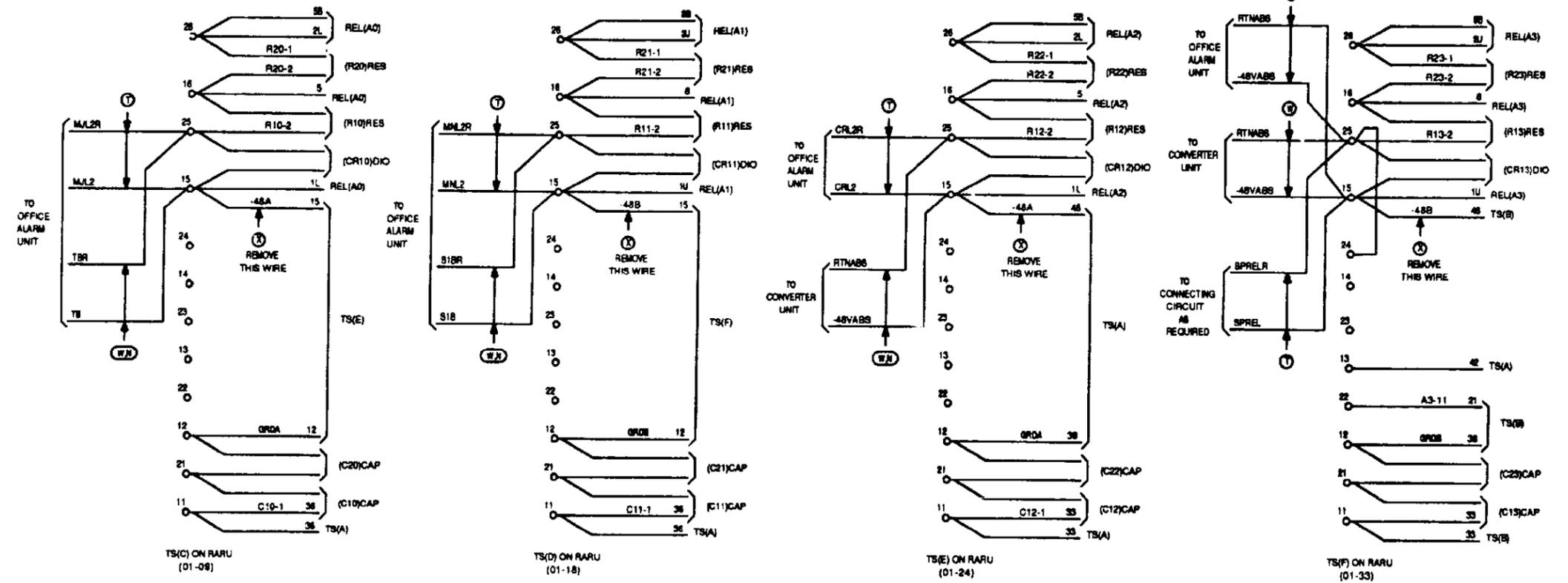
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R

P/O CAD 3

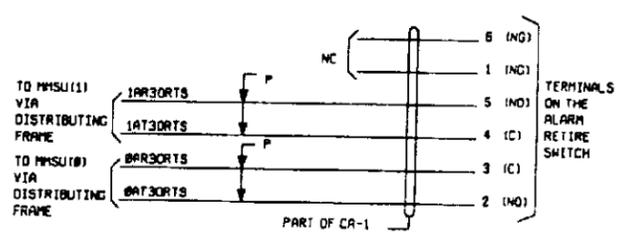
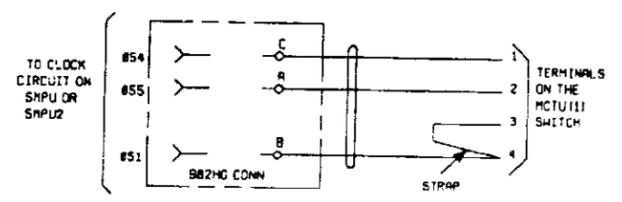
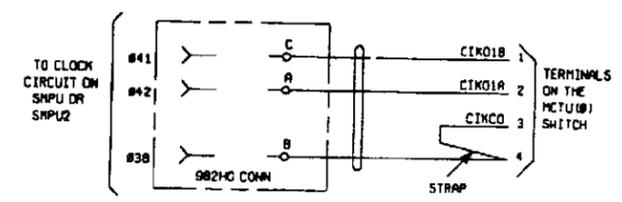
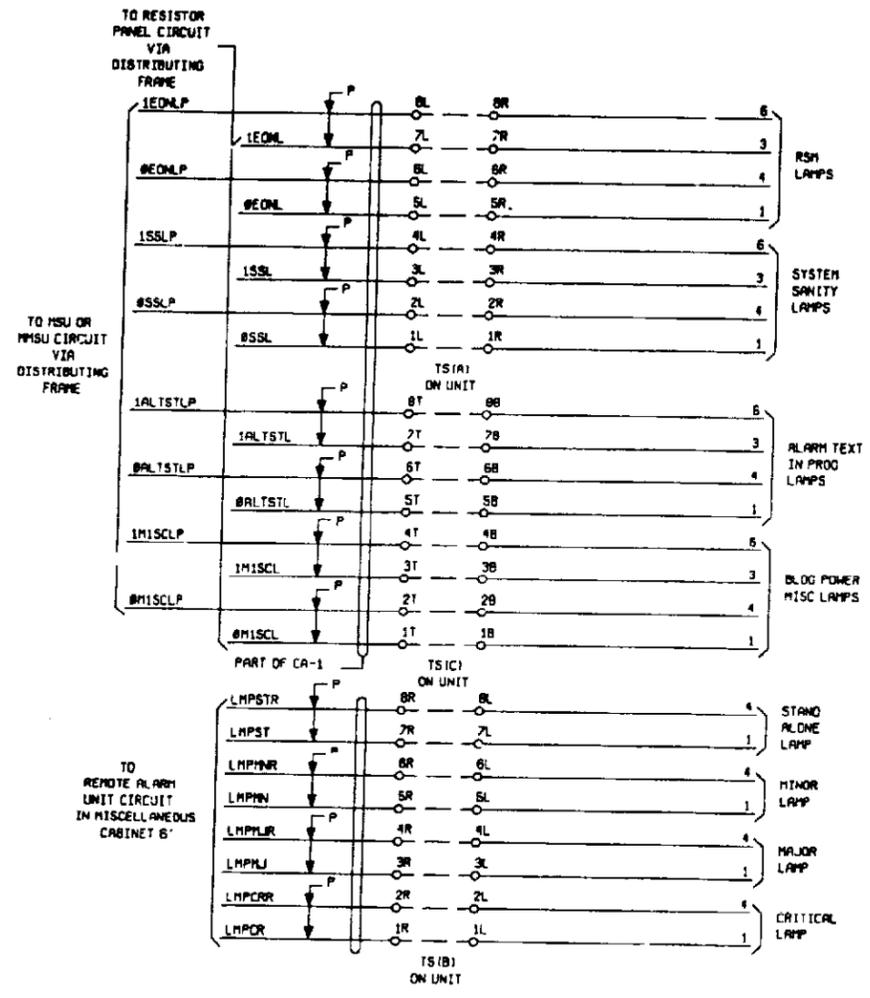
REMOTE ALARM RELAY UNIT



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CAD 4

SINGLE MODULE RSM
STATUS PANEL



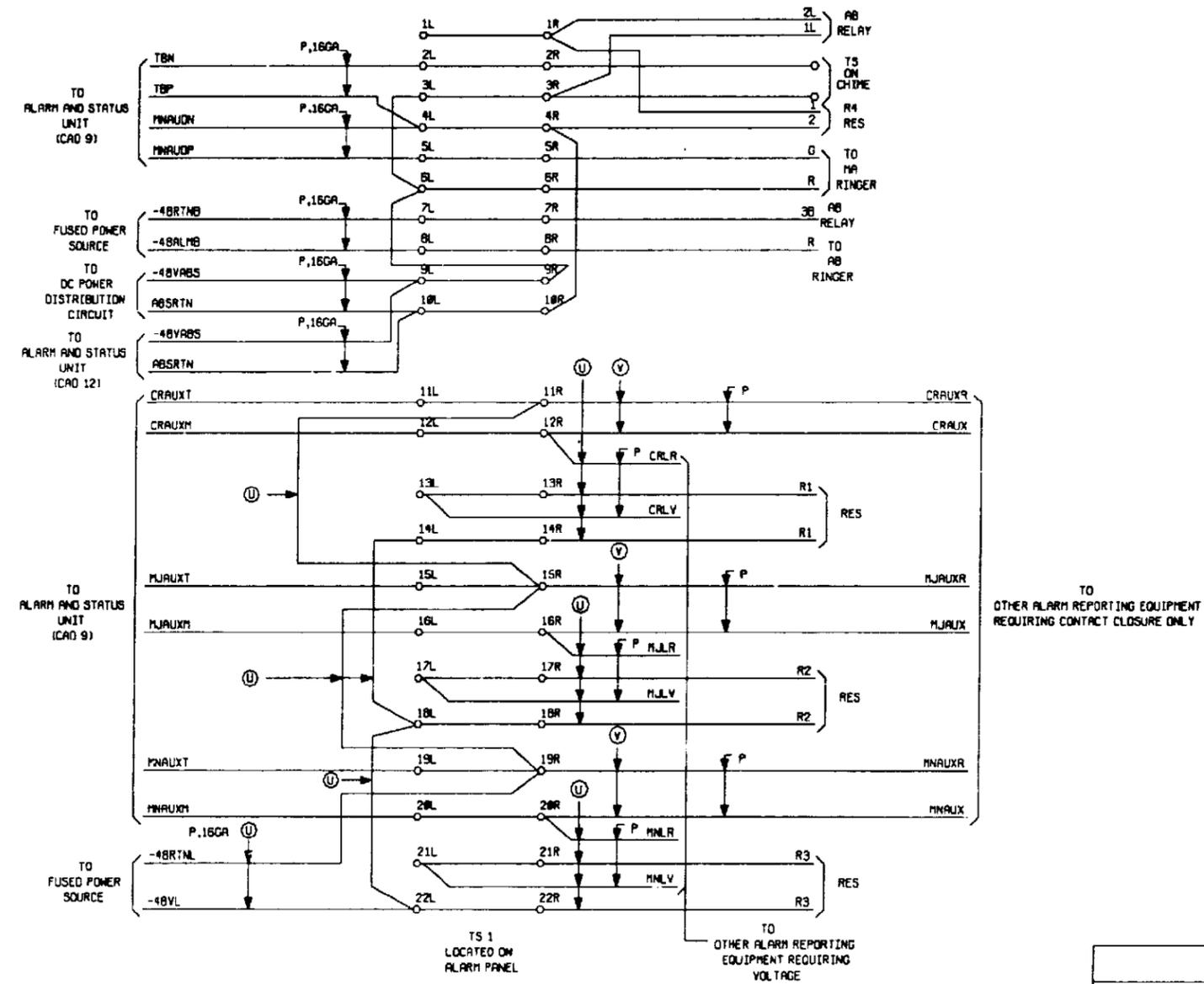
SEE PROPRIETARY NOTICE ON SHEET ONE

| | | | |
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| | | C2 | 6AC |
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CAD 5

REMOTE AUDIBLE ALARM PANEL



TO OTHER ALARM REPORTING EQUIPMENT REQUIRING CONTACT CLOSURE ONLY

TS 1 LOCATED ON ALARM PANEL
TO OTHER ALARM REPORTING EQUIPMENT REQUIRING VOLTAGE

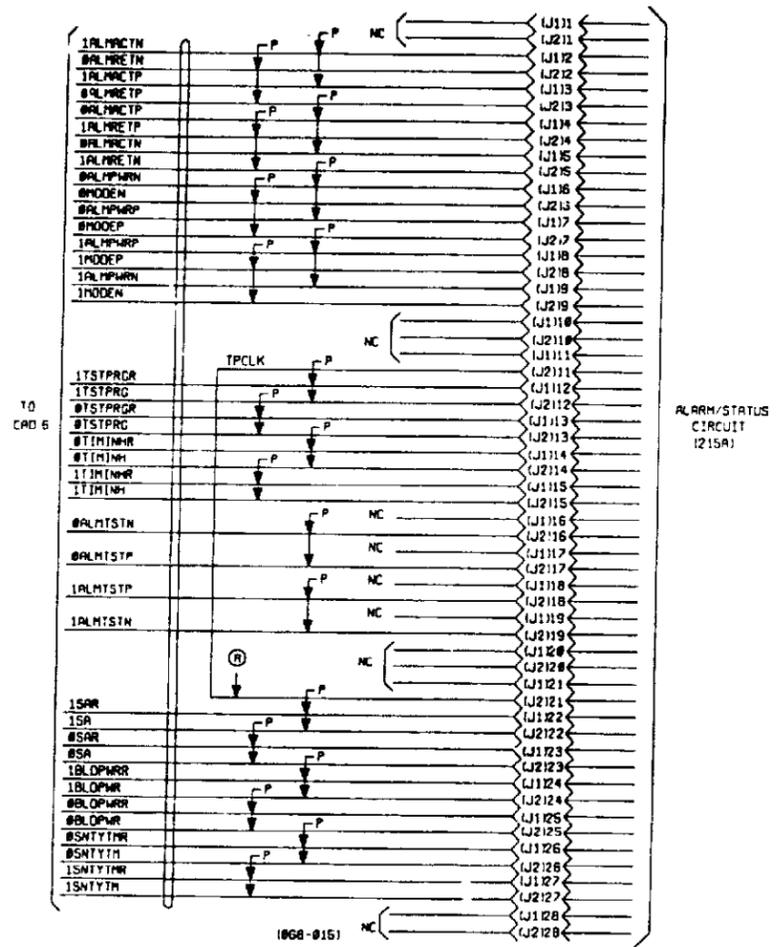
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CAD 7

ALARM/STATUS CABLING

NOTES:

1. THIS CONNECTOR IS LOCATED IN THE CABLE RACK.

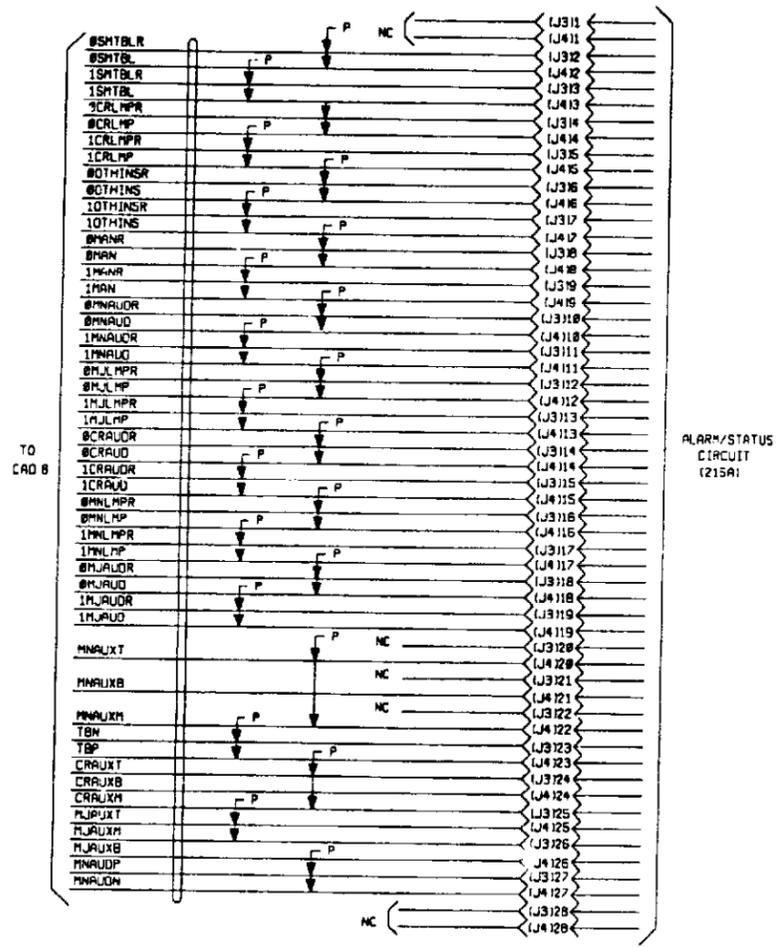


| | | |
|-------------------------------------|-------------|----------|
| SEE PROPRIETARY NOTICE ON SHEET ONE | | |
| AUDIBLE AND VISUAL ALARM | DMC SIZE | ISSUE |
| | C2 | 6AC |
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CAD 9

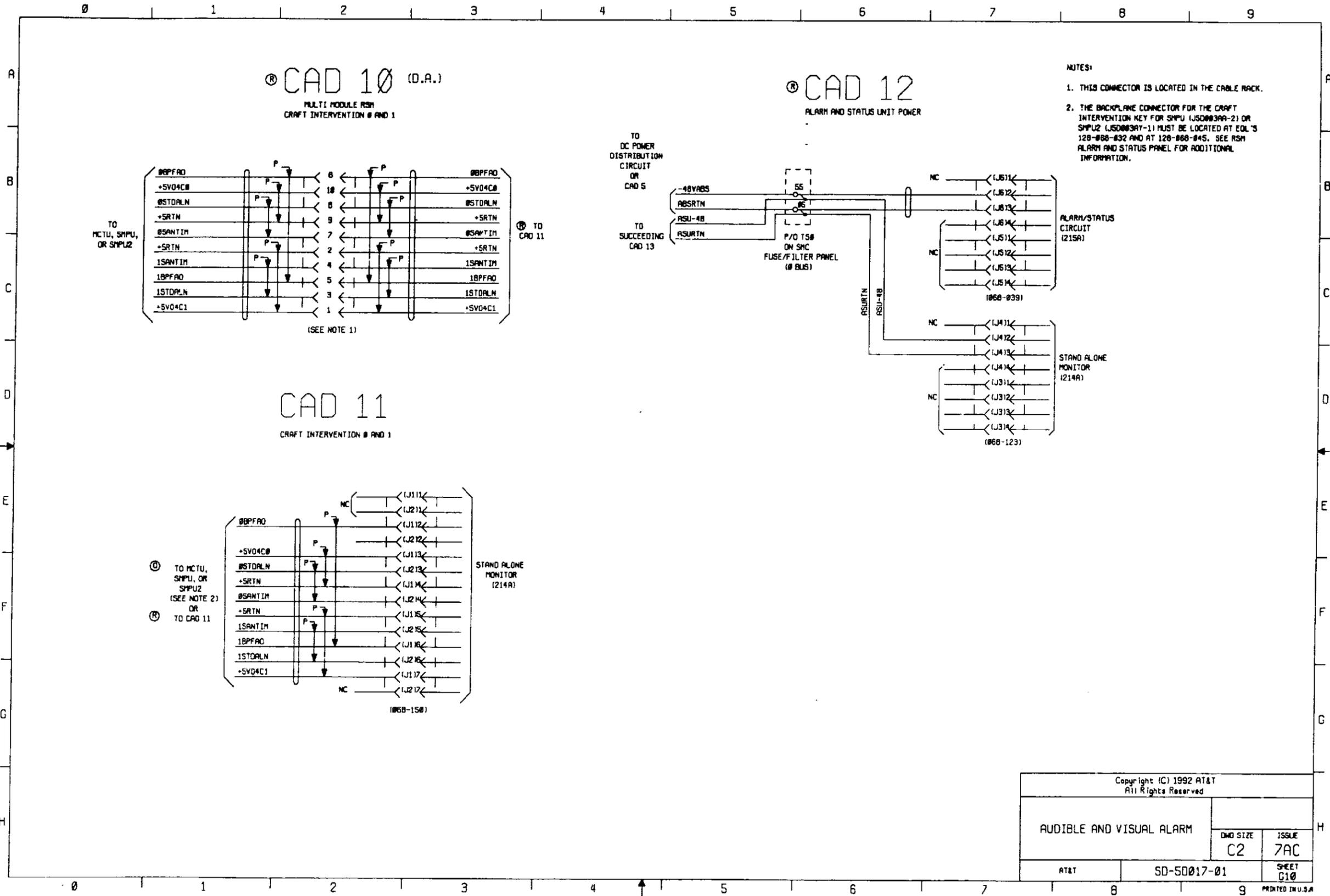
ALARM/STATUS CABLING

NOTES:
1. THIS CONNECTOR IS LOCATED IN THE CABLE RACK.



| | | |
|-------------------------------------|-------------|----------|
| SEE PROPRIETARY NOTICE ON SHEET ONE | | |
| AUDIBLE AND VISUAL ALARM | DMG SIZE | ISSUE |
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® CAD 10 (D.A.)
MULTI MODULE RSM
CRAFT INTERVENTION # AND 1

® CAD 12
ALARM AND STATUS UNIT POWER

CAD 11
CRAFT INTERVENTION # AND 1

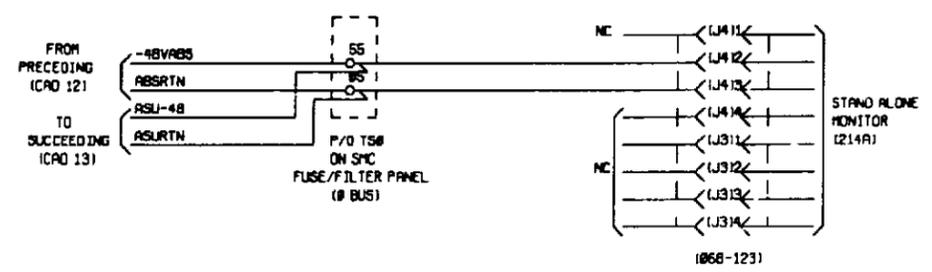
- NOTES:
1. THIS CONNECTOR IS LOCATED IN THE CABLE RACK.
 2. THE BACKPLANE CONNECTOR FOR THE CRAFT INTERVENTION KEY FOR SMPU (JSD0839A-2) OR SMPU2 (JSD0839Y-1) MUST BE LOCATED AT EDL'S 128-060-032 AND AT 128-060-045. SEE RSM ALARM AND STATUS PANEL FOR ADDITIONAL INFORMATION.

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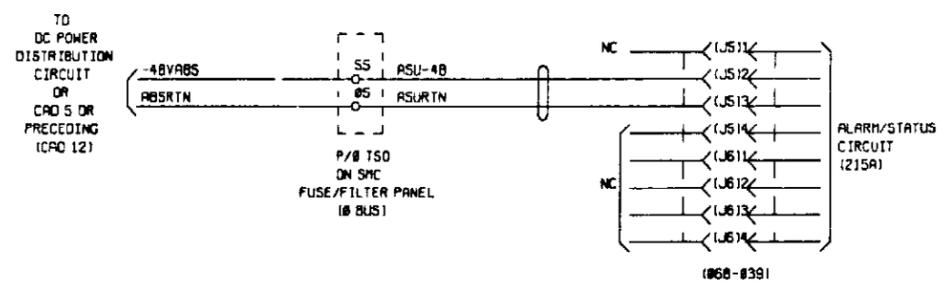
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A
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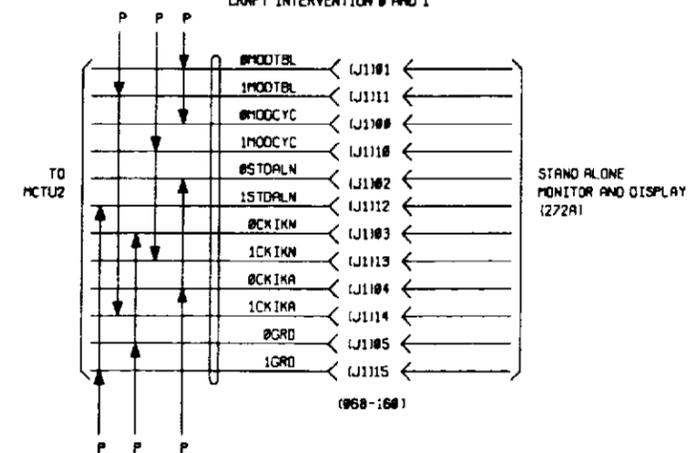
© CAD 13
ALARM AND STATUS UNIT POWER



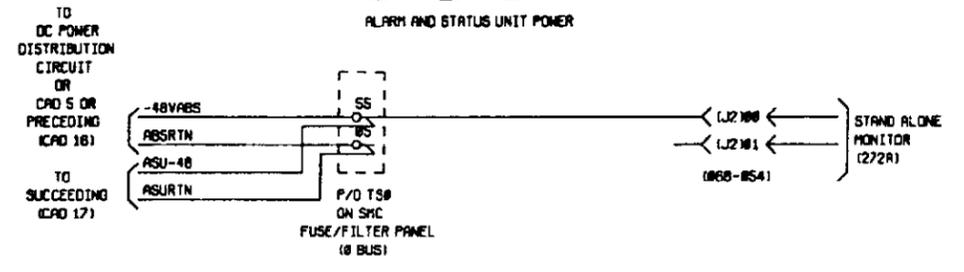
© CAD 14 (D.A.)
ALARM AND STATUS UNIT POWER



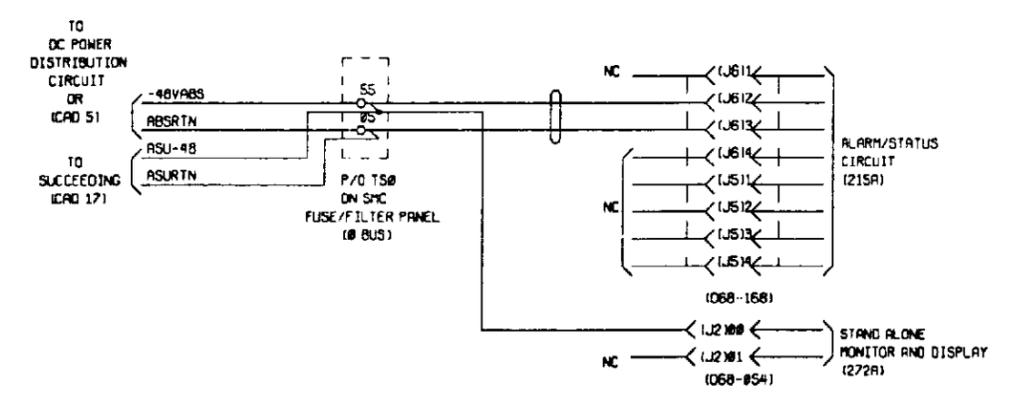
CAD 15
STAND ALONE, SANITY, AND CRAFT INTERVENTION # AND 1



CAD 17
ALARM AND STATUS UNIT POWER



CAD 16
ALARM AND STATUS UNIT POWER



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AUDIBLE AND VISUAL ALARM

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0 1 2 3 4 5 6 7 8 9

CAD 18

FS 7A INTERNAL CABLE FOR POWERLINE EXIT PILOT LAMPS

| | | | |
|-------|-------|------|-------|
| TS1-1 | CRL1R | CRLR | TS3-9 |
| TS1-2 | CRL1 | CRLV | TS3-8 |
| TS1-3 | MNL1R | MNLR | TS3-3 |
| TS1-4 | MNL1 | MNLV | TS3-2 |
| TS1-5 | MUL1R | MULR | TS3-6 |
| TS1-6 | MUL1 | MULV | TS3-5 |

CAD 20

FS7A AUDIBLE
1ST REMOTE

| | | | |
|--------|---------|------|-------|
| FS7A | | FS1A | |
| TS1-11 | -48ALMB | -48A | TS1-1 |
| TS1-12 | BA2 | BA2 | TS1-2 |
| TS2-1 | TBR | TBR | TS1-5 |
| TS2-3 | SIBR | SIBR | TS1-4 |
| TS2-5 | SIB | SIB | TS1-3 |
| TS2-6 | TB | TB | TS1-6 |

VISUAL

| | | | |
|--------|-------|-------|-------|
| FS7A | | FS1A | |
| TS5-7 | MUL1 | MUL1 | TS4-1 |
| TS5-8 | MUL1R | MUL1R | TS4-2 |
| TS5-9 | MNL1 | MNL1 | TS4-3 |
| TS5-10 | MNL1P | MNL1R | TS4-4 |
| TS5-11 | CRL1 | CRL1 | TS4-5 |
| TS5-12 | CRL1R | CRL1R | TS4-6 |

CAD 19 "DA"

ADDING UNITS
FS1A AUDIBLE

| | | | |
|-------|---------|----------|-------|
| TS2-1 | PWRALM1 | -48VALMB | TS1-1 |
| TS2-2 | PWRALM | BA2 | TS1-2 |
| TS2-3 | MNAUD | SIB | TS1-3 |
| TS2-4 | MNAUDR | SIBR | TS1-4 |
| TS2-5 | TBR | TBR | TS1-5 |
| TS2-6 | TB | TB | TS1-6 |

AUDIBLE
VISUAL ALARM
PANEL

AUDIBLE
VISUAL ALARM
PANEL

FS1A VISUAL

| | | | |
|--------|-------|-------|-------|
| TS4-14 | MUL1 | MUL1 | TS4-1 |
| TS4-13 | MUL1R | MUL1R | TS4-2 |
| TS4-12 | MNL1 | MNL1 | TS4-3 |
| TS4-11 | MNL1R | MNL1R | TS4-4 |
| TS4-10 | CRL1 | CRL1 | TS4-5 |
| TS4-9 | CRL1R | CRL1R | TS4-6 |

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AUDIBLE AND VISUAL ALARM

DWG SIZE
C2

ISSUE
10M

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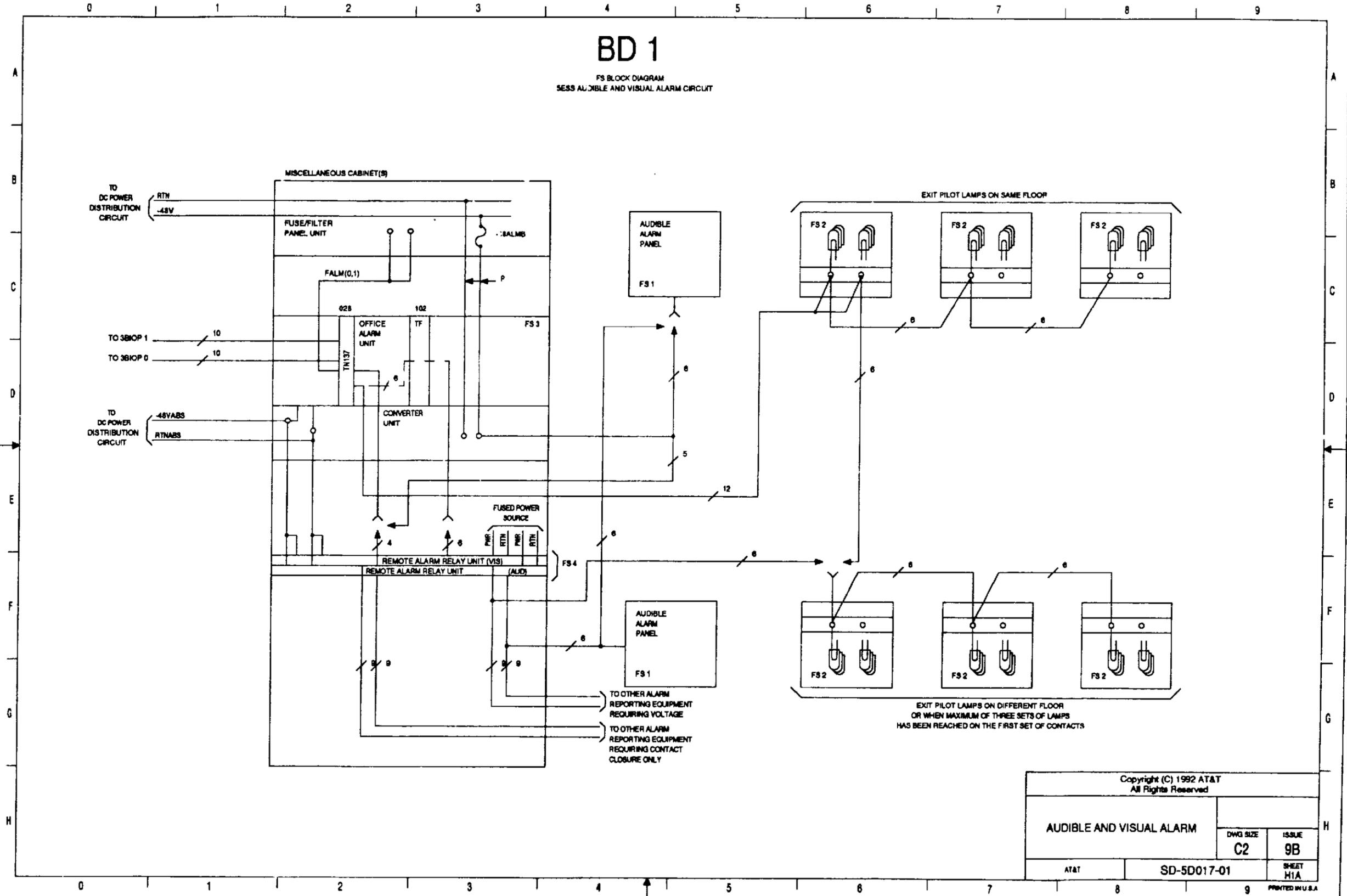
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BD 1

FS BLOCK DIAGRAM
SESS AUDIBLE AND VISUAL ALARM CIRCUIT



TO OTHER ALARM
REPORTING EQUIPMENT
REQUIRING VOLTAGE

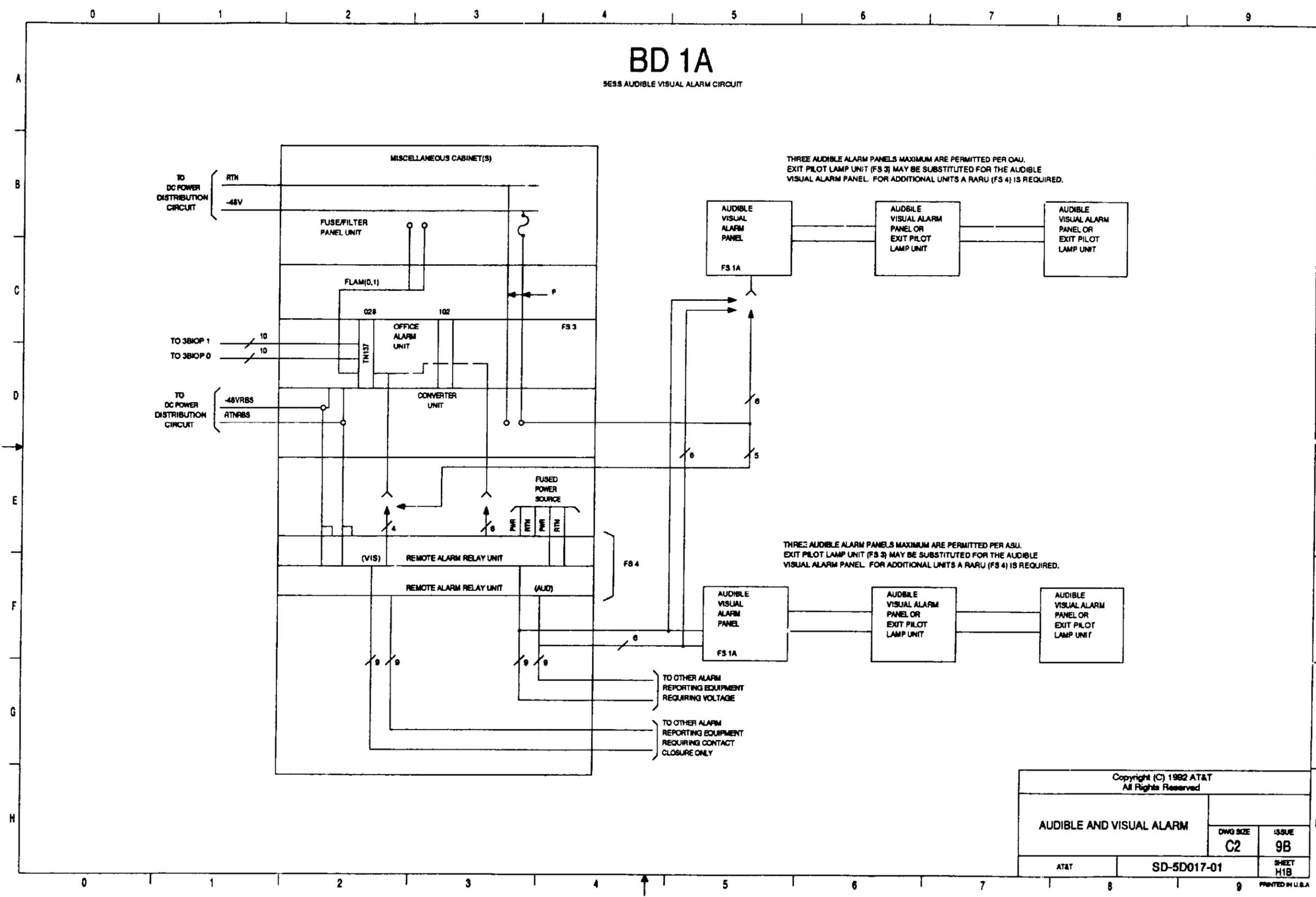
TO OTHER ALARM
REPORTING EQUIPMENT
REQUIRING CONTACT
CLOSURE ONLY

EXIT PILOT LAMPS ON DIFFERENT FLOOR
OR WHEN MAXIMUM OF THREE SETS OF LAMPS
HAS BEEN REACHED ON THE FIRST SET OF CONTACTS

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BD 1A

SESS AUDIBLE VISUAL ALARM CIRCUIT



THREE AUDIBLE ALARM PANELS MAXIMUM ARE PERMITTED PER OAU.
EXIT PILOT LAMP UNIT (FS 3) MAY BE SUBSTITUTED FOR THE AUDIBLE
VISUAL ALARM PANEL. FOR ADDITIONAL UNITS A RARU (FS 4) IS REQUIRED.

THREE AUDIBLE ALARM PANELS MAXIMUM ARE PERMITTED PER ASU.
EXIT PILOT LAMP UNIT (FS 3) MAY BE SUBSTITUTED FOR THE AUDIBLE
VISUAL ALARM PANEL. FOR ADDITIONAL UNITS A RARU (FS 4) IS REQUIRED.

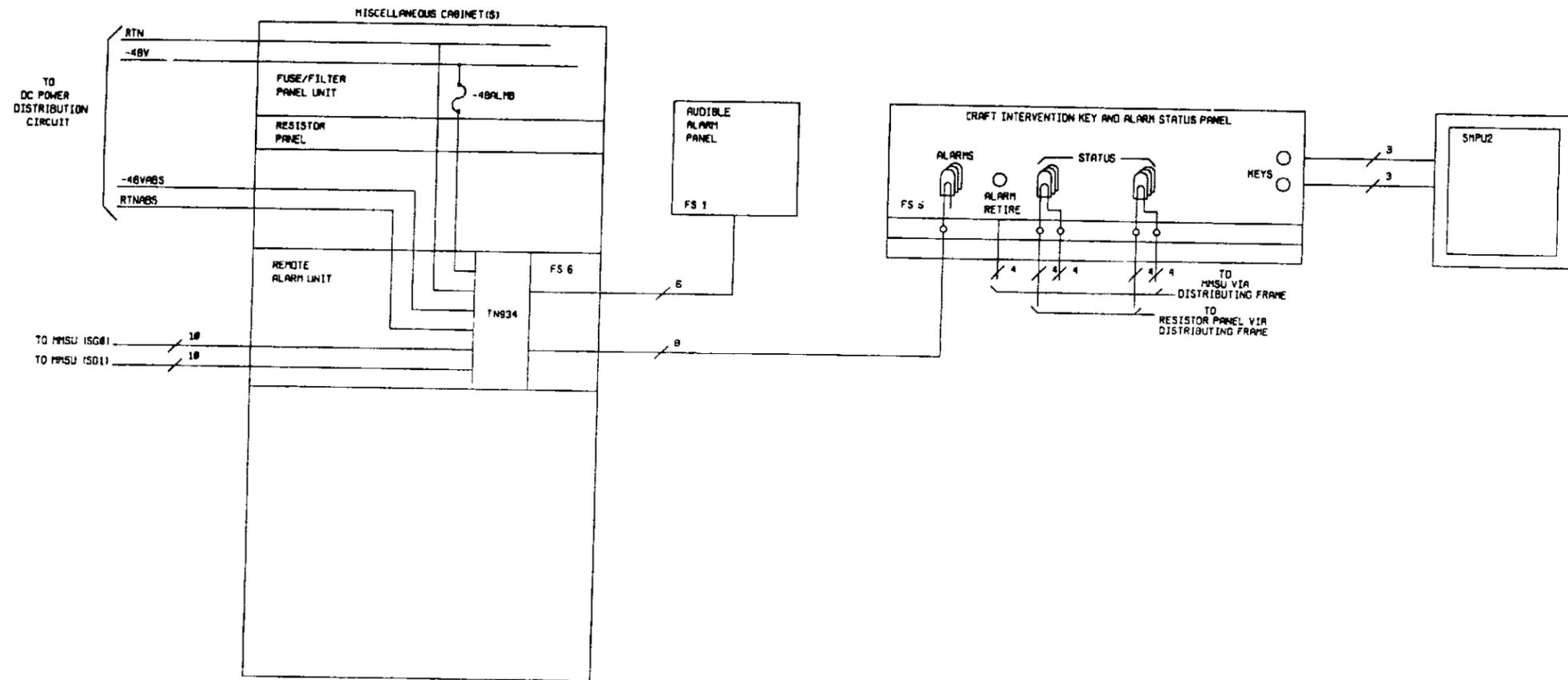
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BD 2

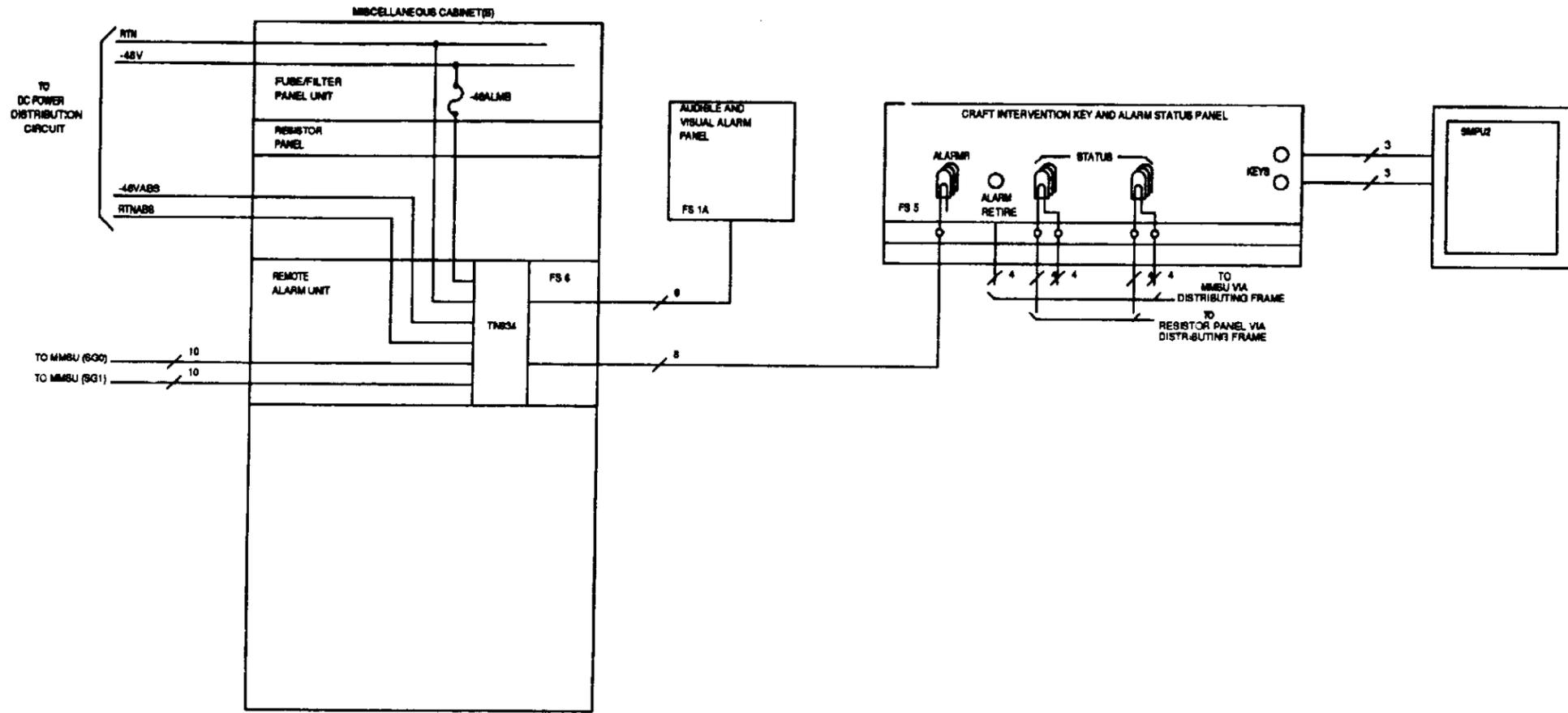
FS BLOCK DIAGRAM
SESS KSH STATUS AND AUDIBLE AND VISUAL ALARM CIRCUIT



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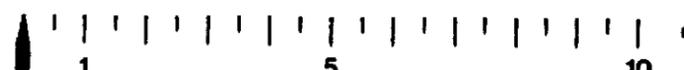
BD 2A

FS BLOCK DIAGRAM
SEBS RBM STATUS AND AUDIBLE AND VISUAL ALARM CIRCUIT



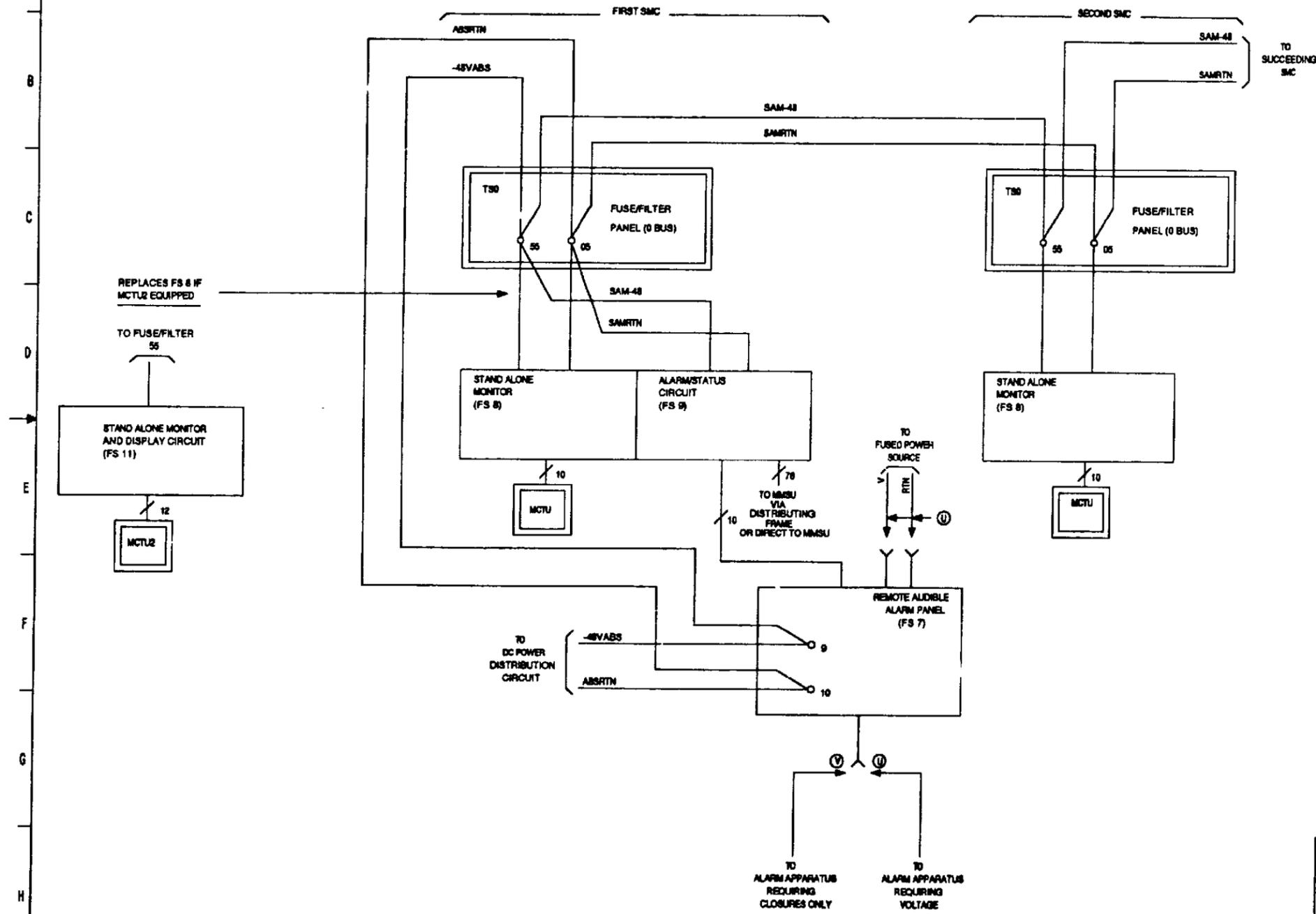
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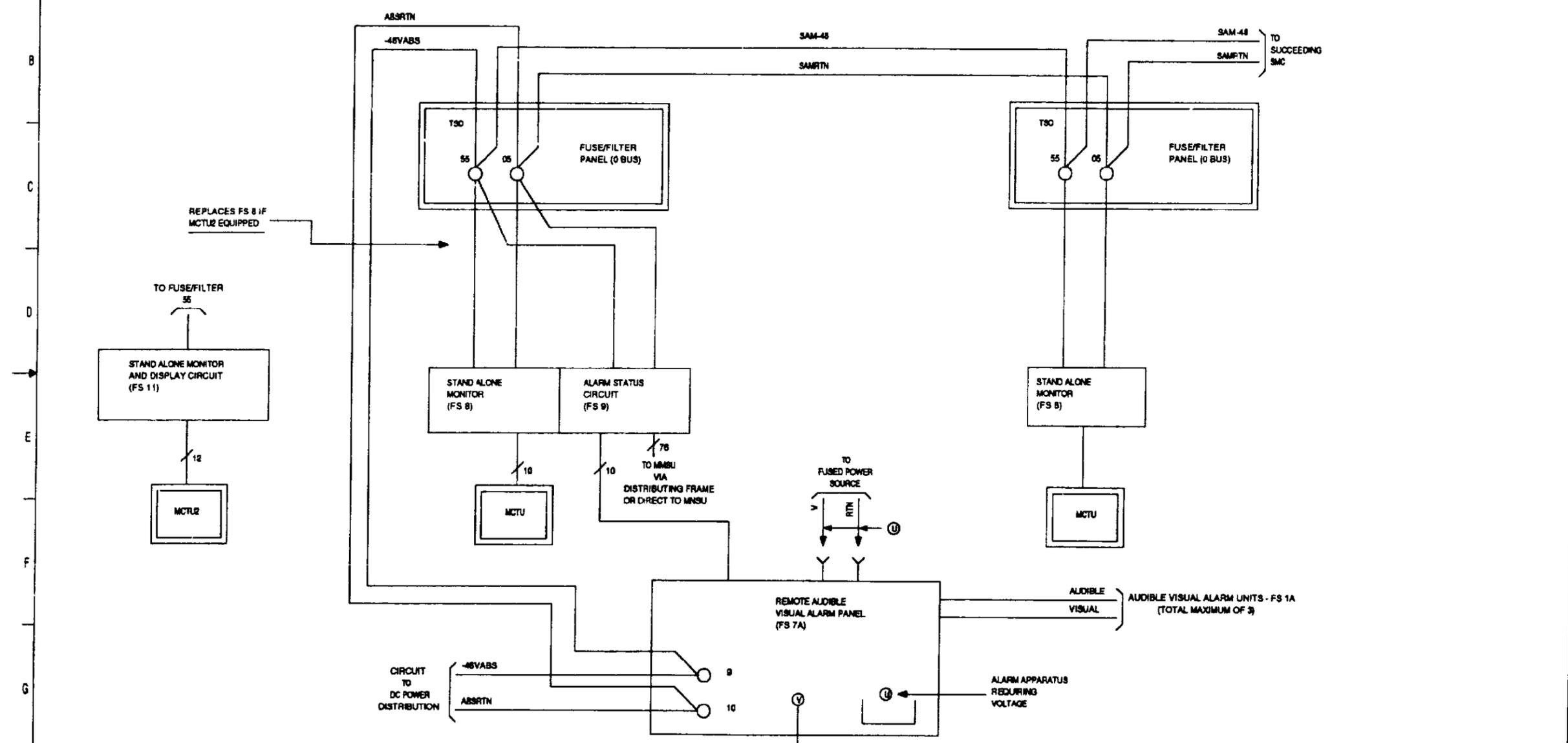
FS BLOCK DIAGRAM
SESS MMRSM STATUS AND AUDIBLE
AND VISUAL ALARM CIRCUIT



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BD 3A

5535 AUDIBLE VISUAL ALARM CIRCUIT



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