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OPTION INDEX			
APP OR WRD	RATED ON ISSUE	REF NOTES	LOCATION

DMG ISS	CD ISS	DATE ISSD	DRN	APP
1	1	2-21-92		
2M		2-21-92		

SUPPORTING INFORMATION		SHEET INDEX NOTES
CATEGORY	NO.	
OSPS-AP CLUSTER	JS0049A-1	1. ONLY THE LATEST ISSUE, OR ISSUES IF CONCURRENT, ARE SHOWN IN THE INDEX. 2. FOR REISSUES, A CHANGED OR NEW SHEET IS ASSIGNED THE SAME ISSUE NUMBER AS SHEET 1. 3. THE ISSUE NUMBER OF SHEET 1 IS RECOGNIZED AS THE ISSUE NUMBER OF THE WHOLE DRAWING.
POWER DISTRIBUTION FRAME	SD82619-01	
OSPS-AP POWER DISTRIBUTION	JB9051A-1	
APS CABLE ASSEMBLIES	ED50726-20	
APS CABLING	ED50726-11	
OSPS APPLICATION SCHEMATIC CONVERSANT COP	S050135-01 S01M022-01	

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BT13

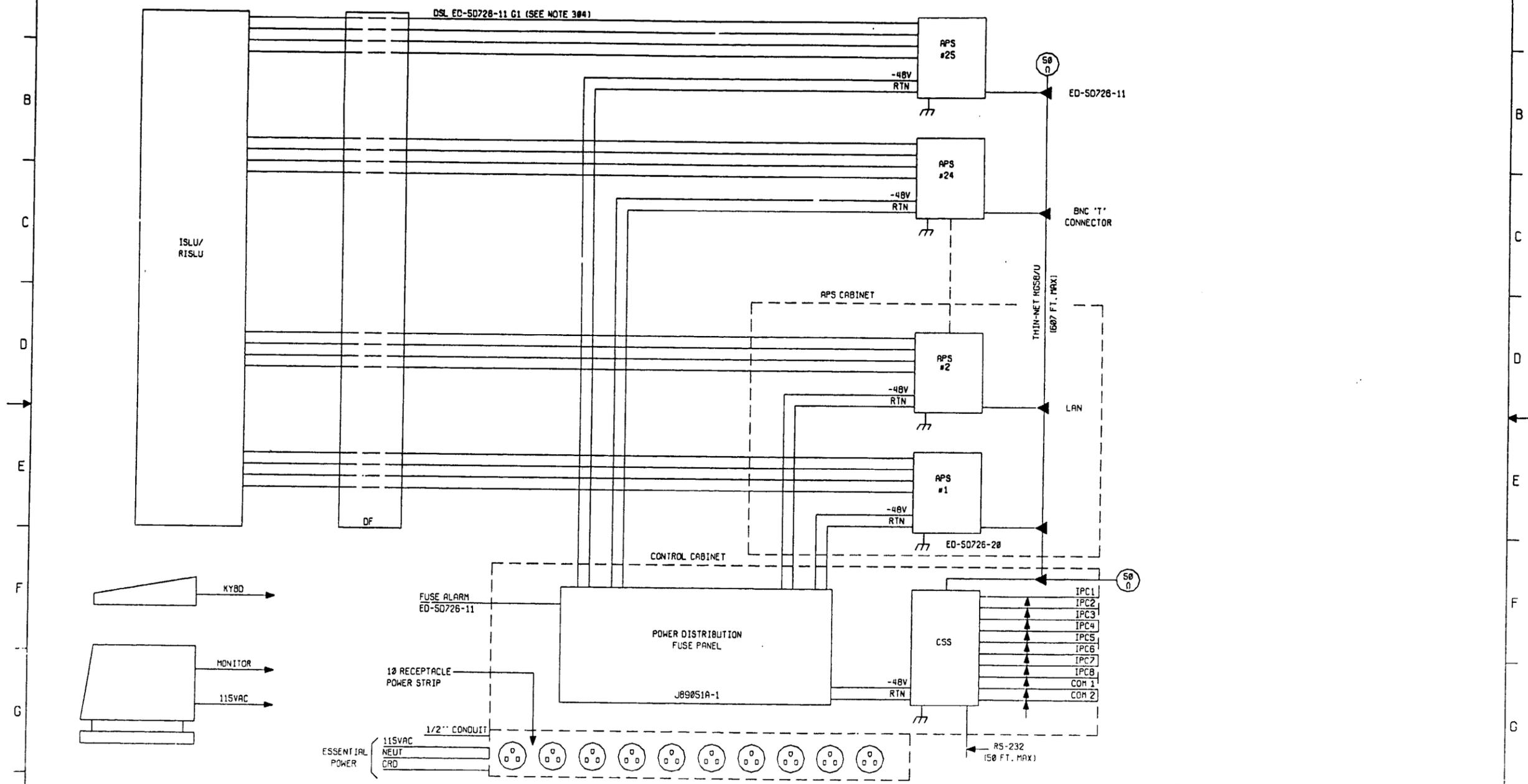
SESS[®] SWITCHING EQUIPMENT
OSPS-AP
CLUSTER CABINET
CIRCUIT

DWG SIZE: C2 ISSUE: 2M

AT&T SD-50607-01 SHEET A1
12 SHEETS

FS 1

OPERATOR SERVICES POSITION SYSTEM - AUTOMATED POSITION CLUSTER

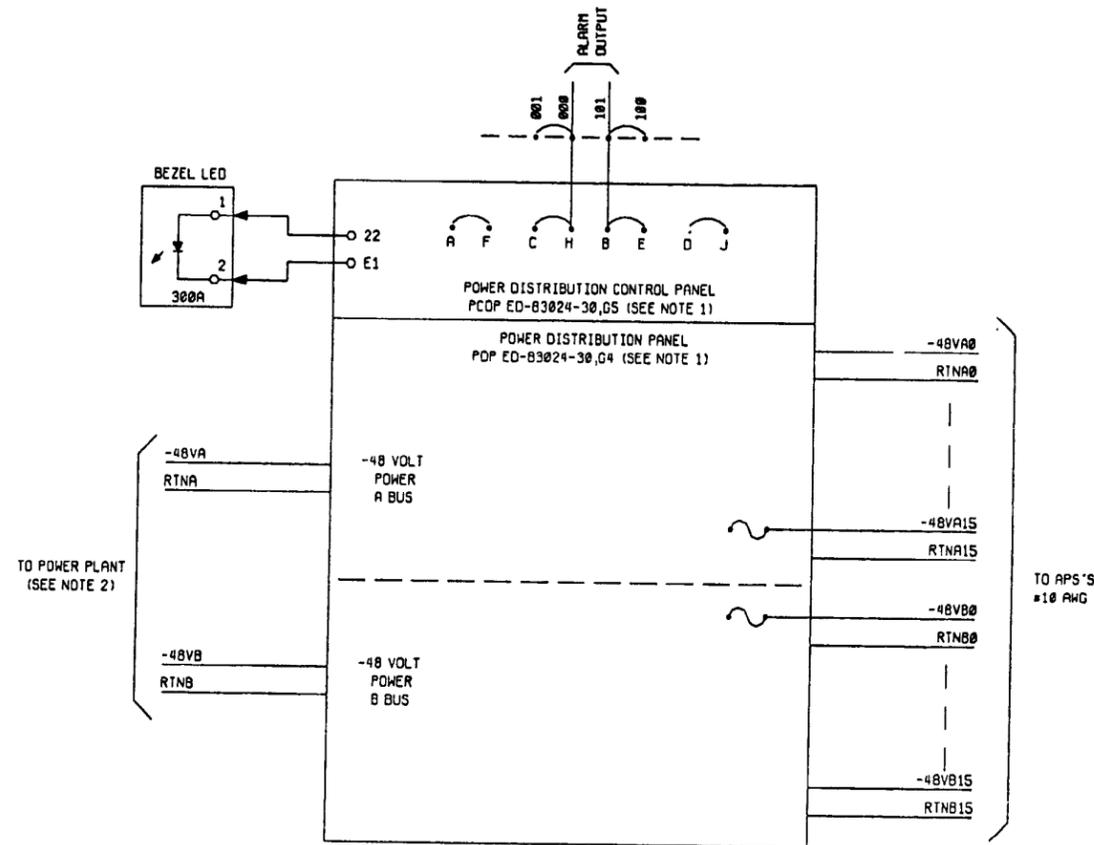


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FS 2

POWER DISTRIBUTION PANEL

- NOTES:
- SD-82619-01 DC POWER DISTRIBUTION FRAME CONTAINS SPECIFIC INTERCONNECTION INFORMATION.
 - SD-50005-01 SESS[®] DC POWER DISTRIBUTION CONTAINS INFORMATION ON WIRE SIZES VS. LENGTH.

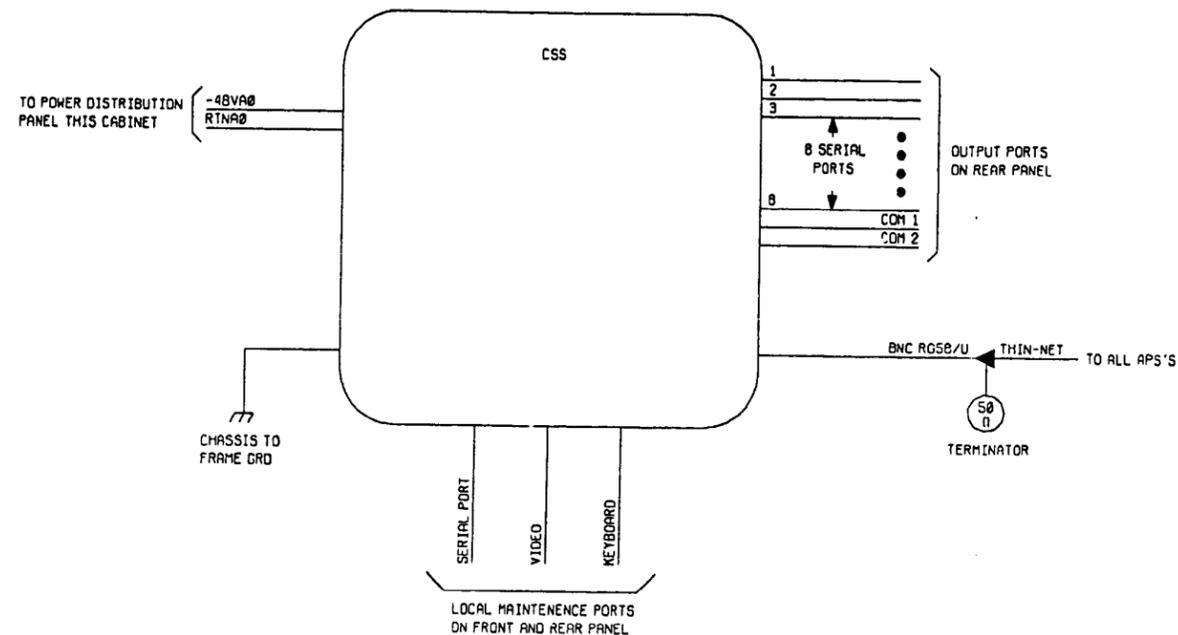


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FS 3

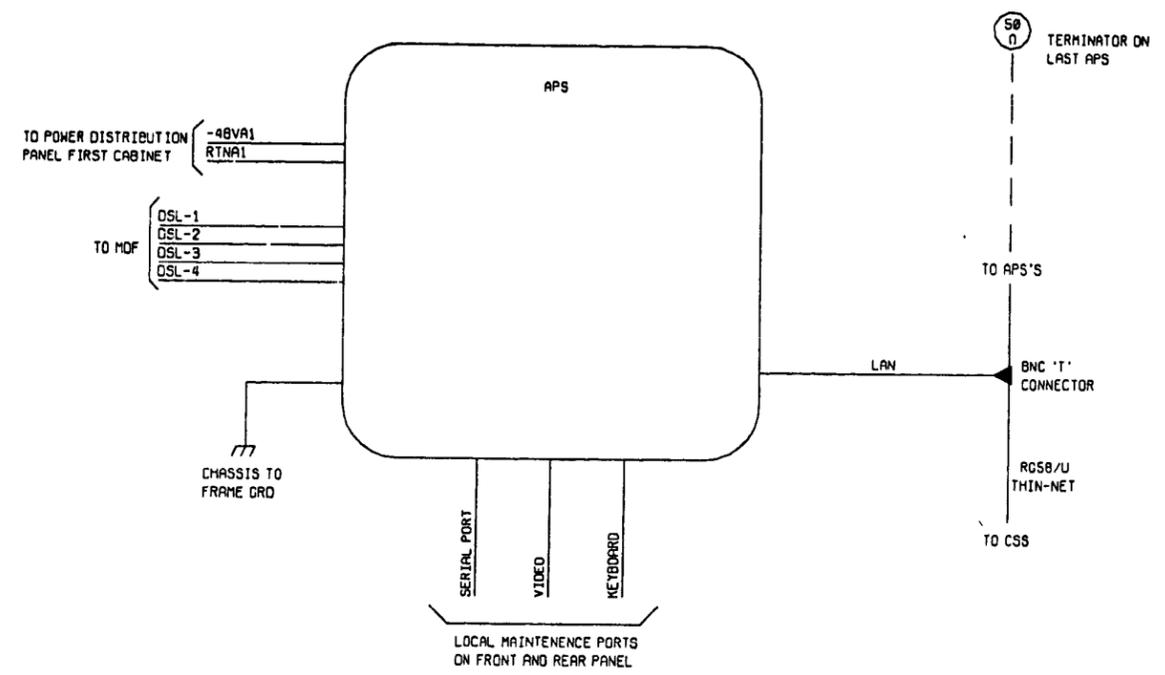
CLUSTER SUPPORT SYSTEM



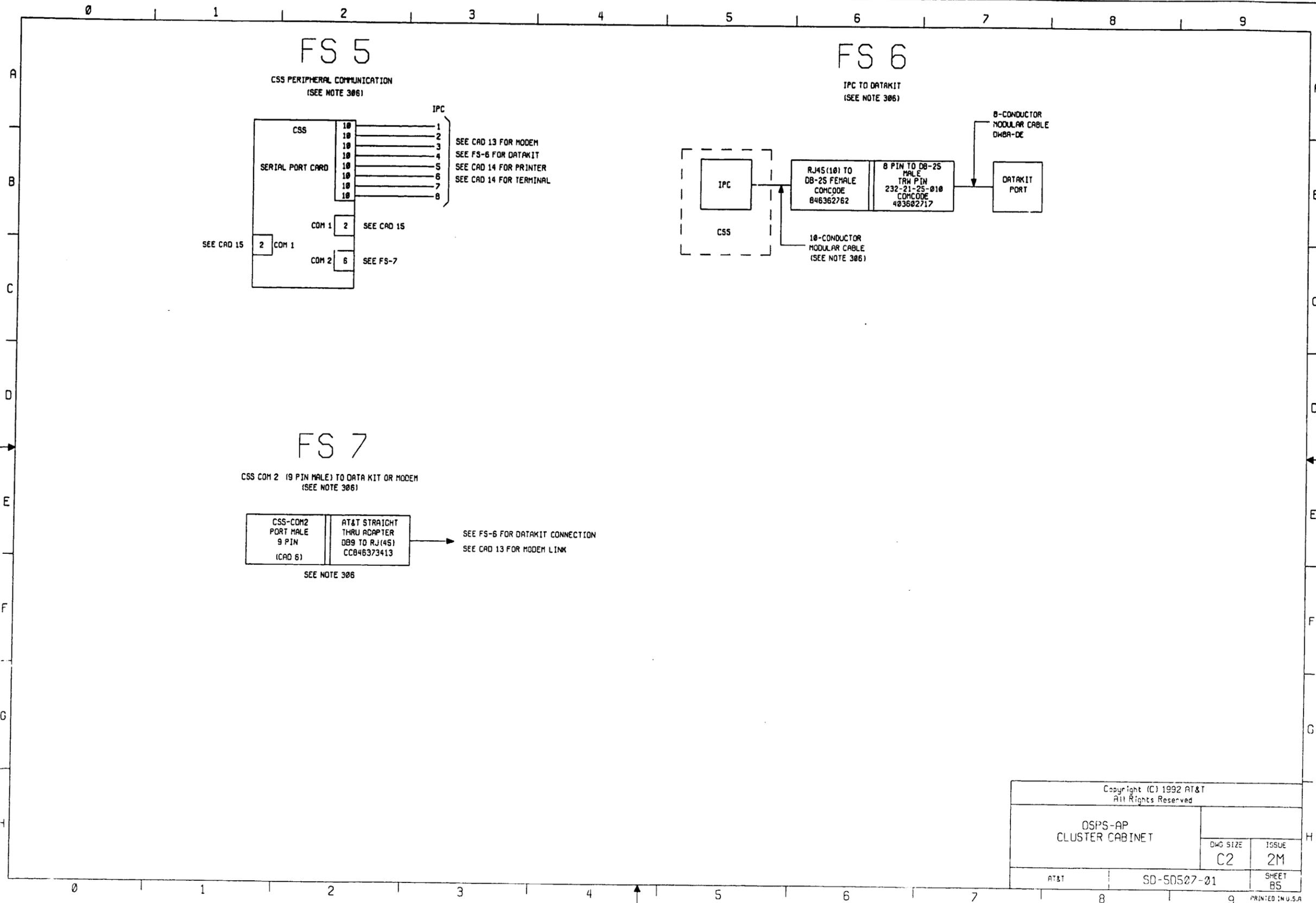
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FS 4

AUTOMATED POSITION SYSTEM



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AT&T	SD-50507-01	SHEET B5

APP FIG. 1

POWER DISTRIBUTION CONTROL PANEL			
OPT	DESIG	LOC	CODE
PDP	2E4	ED-83024-30,G4	
PDCP	2E4	ED-83024-30,G5	
LED	2E3	300A	

APP FIG. 2

CLUSTER SUPPORT SYSTEM			
OPT	DESIG	LOC	CODE
CSS	3E4		

CSS POWER INFORMATION AND CONFIGURATION

CSS POWER ESTIMATE				
ITEM	DESCRIPTION	#	POWER	TOT POWER
386CPU W/8 M DRAM	PROCESSOR CARD	1	20	20
STREAMING TAPE CTRLR	TAPE CONTROLLER	1	5	5
MICOM INTERLAN CARD	LAN CARD	1	10	10
VIDEO CARD	GRAPHICS CONTROLLER	1	10	10
HARD DISK CTRLR	HARD DISK CONTROLLER	1	10	10
IPC 900	INTEGRATED PORTS CARD?	1	15	15
620 MBYTE HD	HARD DISK STORAGE	2	27	54
FLOPPY DISK	FLOPPY DISK STORAGE	1	15	15
STREAM TAPE	STREAMING TAPE STORAGE	1	26	26
FANS & MISC	COOLING POWER, ETC.	1	10	10
INTERNAL TOTAL				175
EXTERNAL TOTAL (ASSUME 80% DC-DC EFFIC.)				219

APP FIG. 3

AUTOMATED POSITION SYSTEM			
OPT	DESIG	LOC	CODE
APS	4E4		

APS POWER INFORMATION AND CONFIGURATION

APS POWER ESTIMATE				
ITEM	DESCRIPTION	# OF CARDS	POWER	8IPB'S/4IPB'S
386CPU W/8 M DRAM	PROCESSOR CARD	1	20	20
STREAMING TAPE CTRLR	TAPE CONTROLLER	1	5	5
MICOM INTERLAN CARD	LAN CARD	1	10	10
VIDEO CARD	GRAPHICS CONTROLLER	1	10	10
HARD DISK CTRLR	HARD DISK CONTROLLER	1	10	10
IPIB	INTELLIGENT PC INTERFACE BOARD	8/4	12	96/48
COSIB	CONVERSANT OOPS INTERFACE BOARD	2/1	15	30/15
SP	SPEECH PROCESSOR BOARD	2	18.5	37
SP COMPANION BOARD	SP ADJUNCT CARD	2/1	23	46/23
620 MBYTE HD	HARD DISK STORAGE	2	27	54
FLOPPY DISK	FLOPPY DISK STORAGE	1	15	15
STREAM TAPE	STREAMING TAPE STORAGE	1	26	26
FANS & MISC	COOLING POWER, ETC.	1	10	10
INTERNAL TOTAL				369/283
EXTERNAL TOTAL (ASSUME 80% DC-DC EFFIC.)				461/354

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SHEET
C1

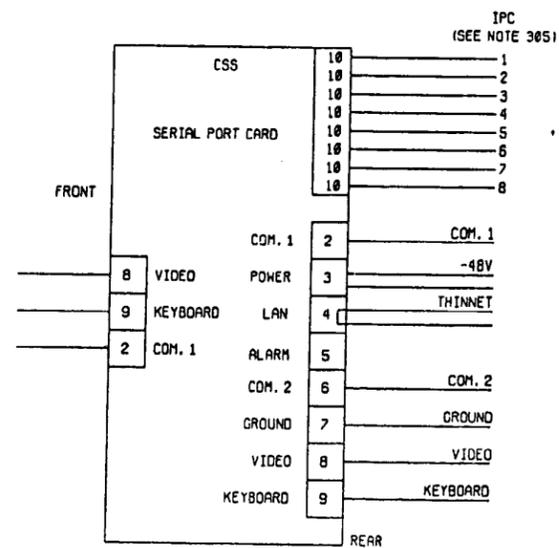
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CIRCUIT NOTES:

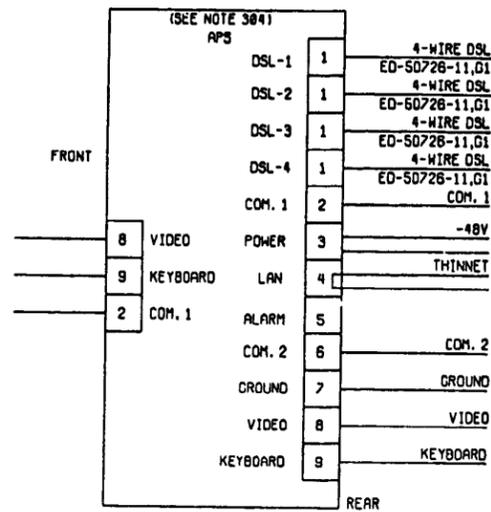
101.

DESIG	FUSE RCP	POTENTIAL	ONE PER

102. CONNECTORS FOR CSS



103. CONNECTORS FOR APS



104. LOAD FUSE FOR APS UNITS SHALL BE 20AMP 74F TYPE AND ALARM FUSE SHALL BE 0.5AMP 70G TYPE LOCATED IN POWER DISTRIBUTION PANEL IN FIRST CABINET.

105. ALL EVEN APS'S AND CSS SHOULD BE FUSED FROM THE '0' BUS AND ALL ODD APS'S FROM THE '1' BUS.

106. SEE OSPS APPLICATION SCHEMATIC SD-SD135-01 FOR ADAPTERS AND EXTERNAL CABLES.

107. ONLY TERMINALS ARE ALLOWED FOR CONNECTION TO CSS COM 1 PORT.

108. MONITOR, TERMINALS, PRINTERS, MODEMS ARE POWERED FROM THE ESSENTIAL POWER STRIP IN CSS CABINET.

109. INMAC CONNECTORS MUST BE WIRED PER CAD 13, 14 AND 15 TO ENSURE PROPER GROUNDING.

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CLUSTER CABINET

DWG SIZE
C2

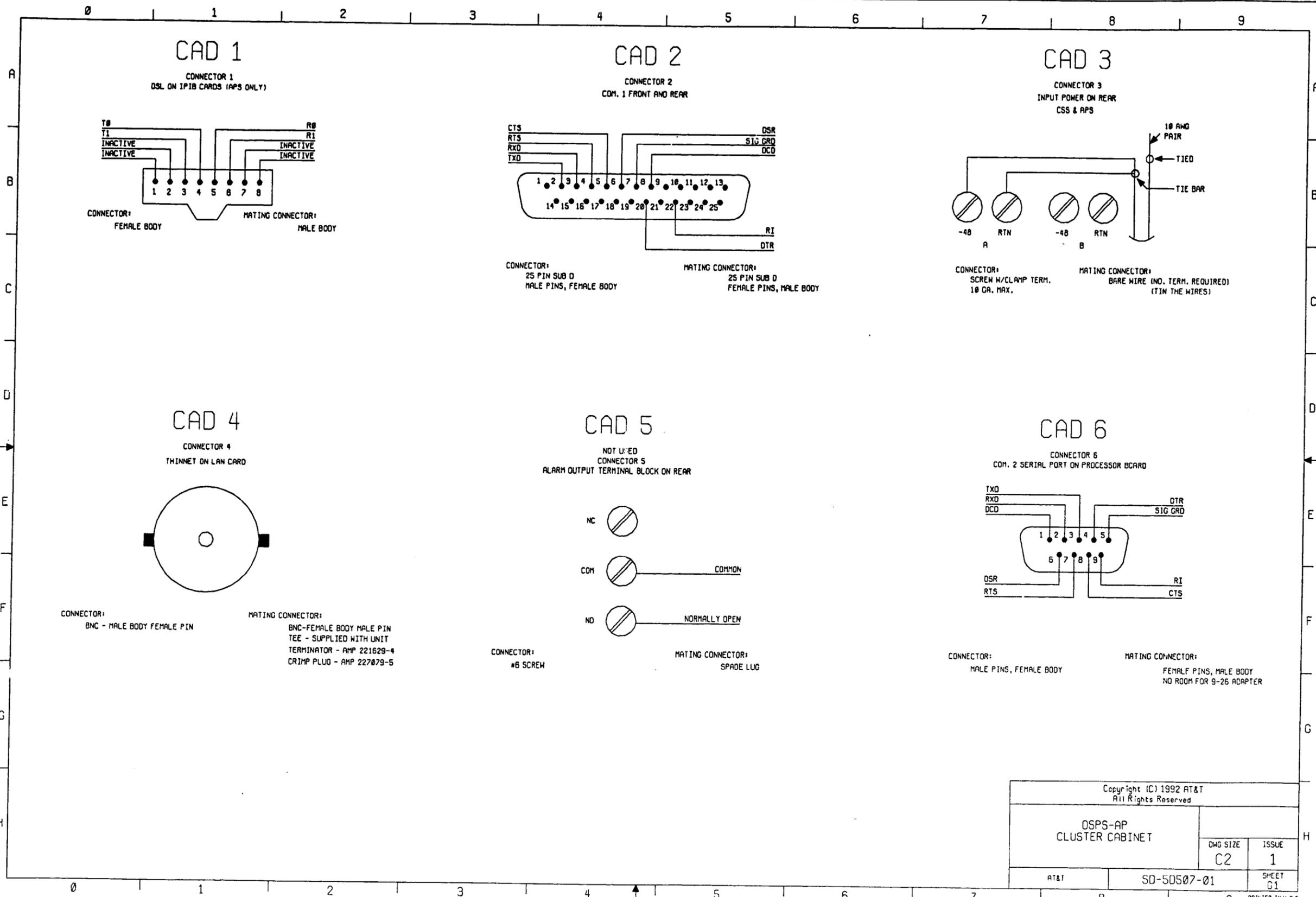
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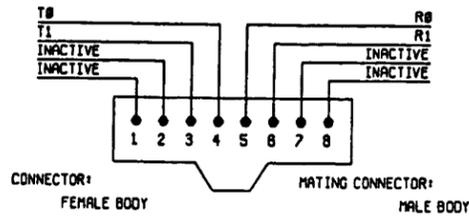
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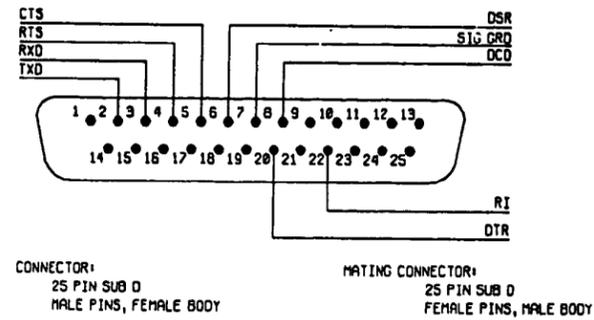
CAD 1

CONNECTOR 1
DSL ON IPB CARDS (APS ONLY)



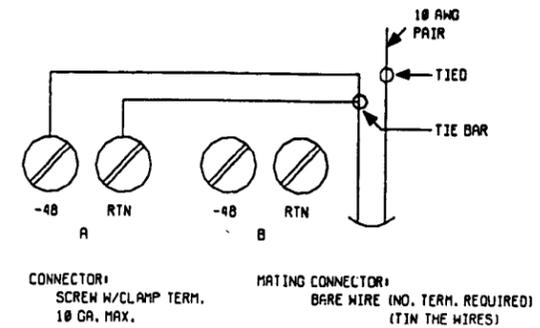
CAD 2

CONNECTOR 2
COM. 1 FRONT AND REAR



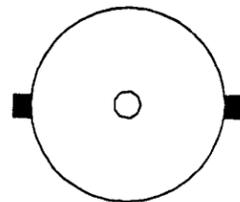
CAD 3

CONNECTOR 3
INPUT POWER ON REAR
CSS & APS



CAD 4

CONNECTOR 4
THINNET ON LAN CARD

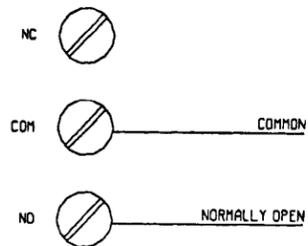


CONNECTOR:
BNC - MALE BODY FEMALE PIN

MATING CONNECTOR:
BNC-FEMALE BODY MALE PIN
TEE - SUPPLIED WITH UNIT
TERMINATOR - AMP 221B29-4
CRIMP PLUG - AMP 227079-5

CAD 5

NOT USED
CONNECTOR 5
ALARM OUTPUT TERMINAL BLOCK ON REAR

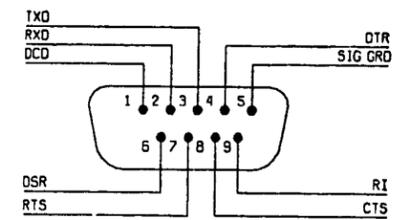


CONNECTOR:
#6 SCREW

MATING CONNECTOR:
SPADE LUG

CAD 6

CONNECTOR 6
COM. 2 SERIAL PORT ON PROCESSOR BOARD



CONNECTOR:
MALE PINS, FEMALE BODY

MATING CONNECTOR:
FEMALE PINS, MALE BODY
NO ROOM FOR 9-26 ADAPTER

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G1

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B

A

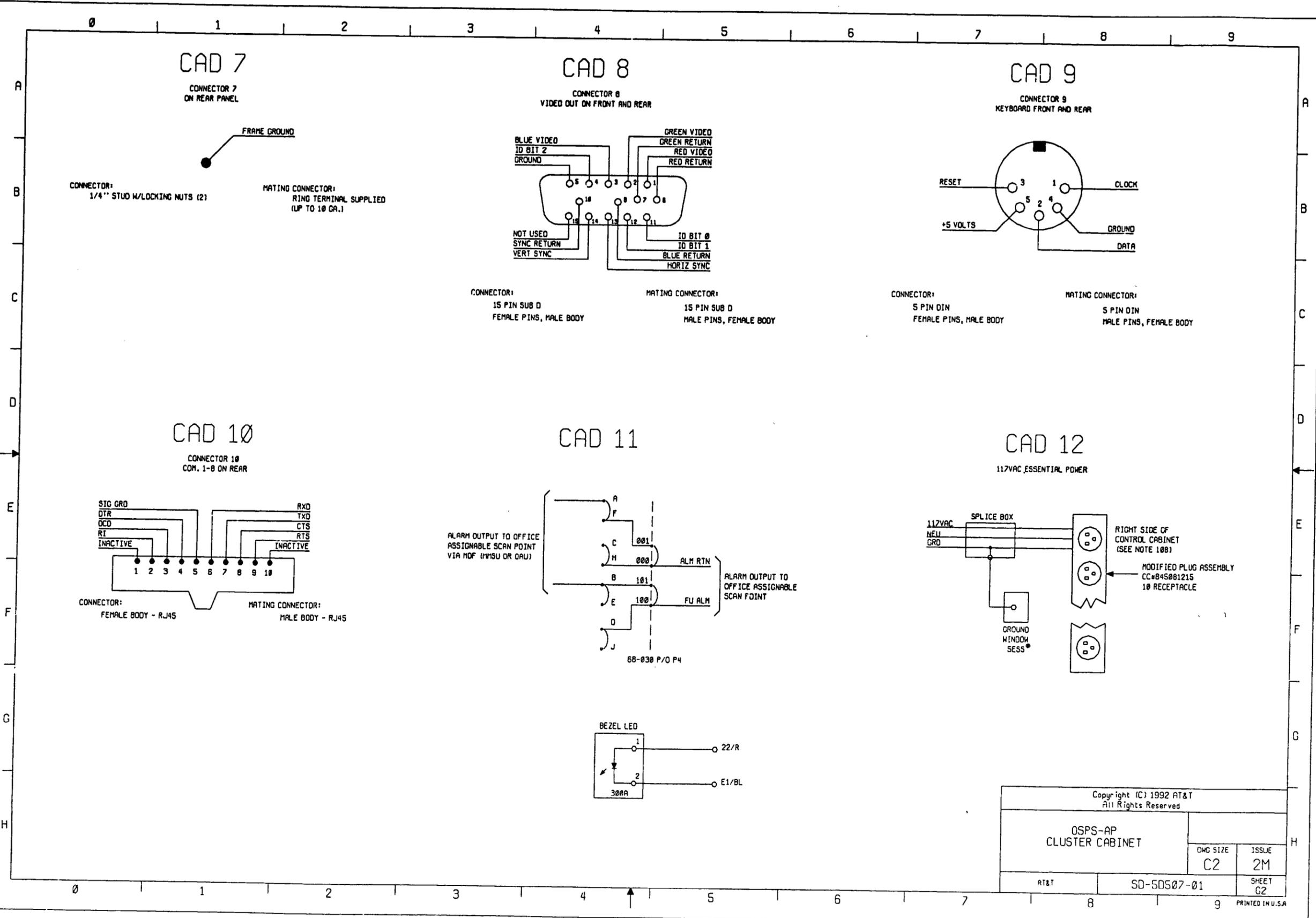
1

5

10

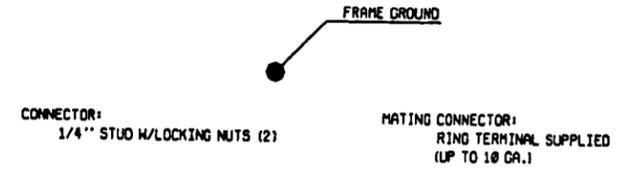
A

B



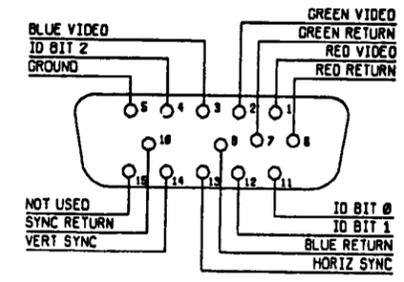
CAD 7

CONNECTOR 7
ON REAR PANEL



CAD 8

CONNECTOR 8
VIDEO OUT ON FRONT AND REAR

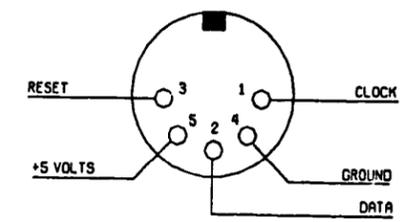


CONNECTOR:
15 PIN SUB D
FEMALE PINS, MALE BODY

MATING CONNECTOR:
15 PIN SUB D
MALE PINS, FEMALE BODY

CAD 9

CONNECTOR 9
KEYBOARD FRONT AND REAR

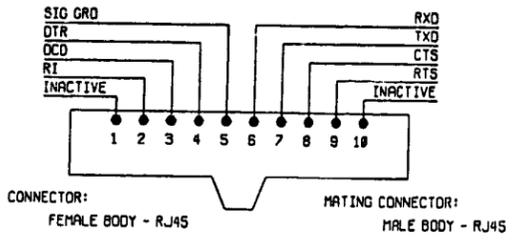


CONNECTOR:
5 PIN DIN
FEMALE PINS, MALE BODY

MATING CONNECTOR:
5 PIN DIN
MALE PINS, FEMALE BODY

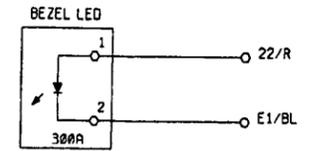
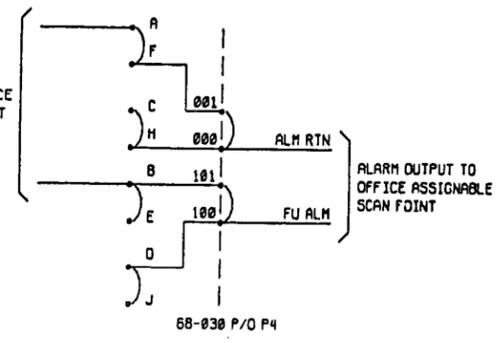
CAD 10

CONNECTOR 10
COM. 1-8 ON REAR



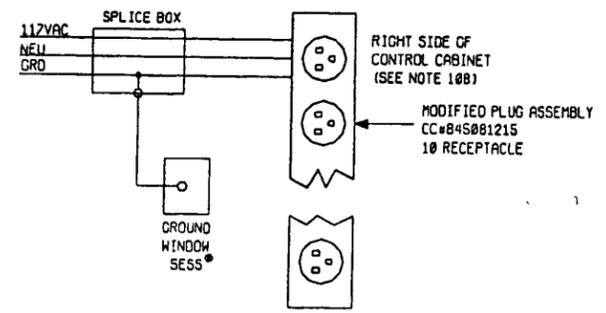
CAD 11

ALARM OUTPUT TO OFFICE
ASSIGNABLE SCAN POINT
VIA MDF (MFSU OR OAU)



CAD 12

117VAC ESSENTIAL POWER



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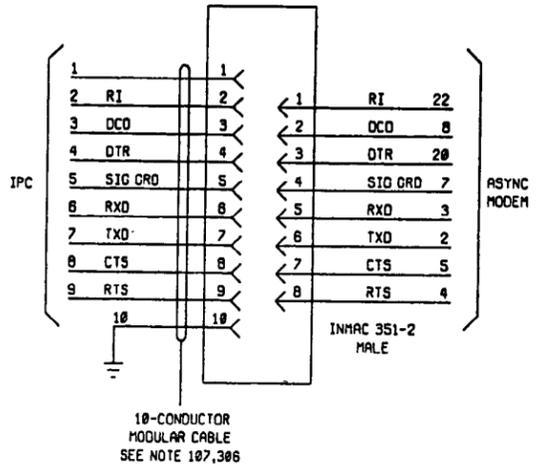
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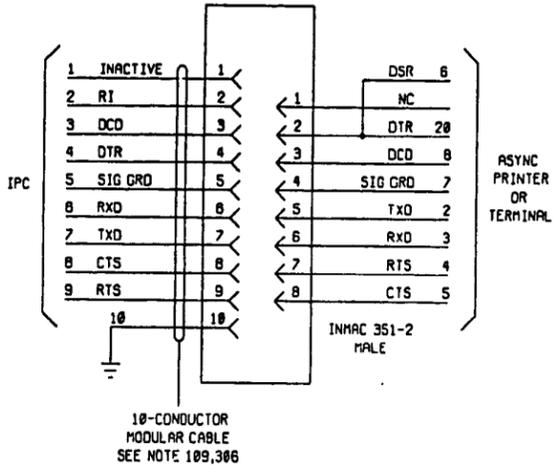
CAD 13

IPC TO MODEM LINK



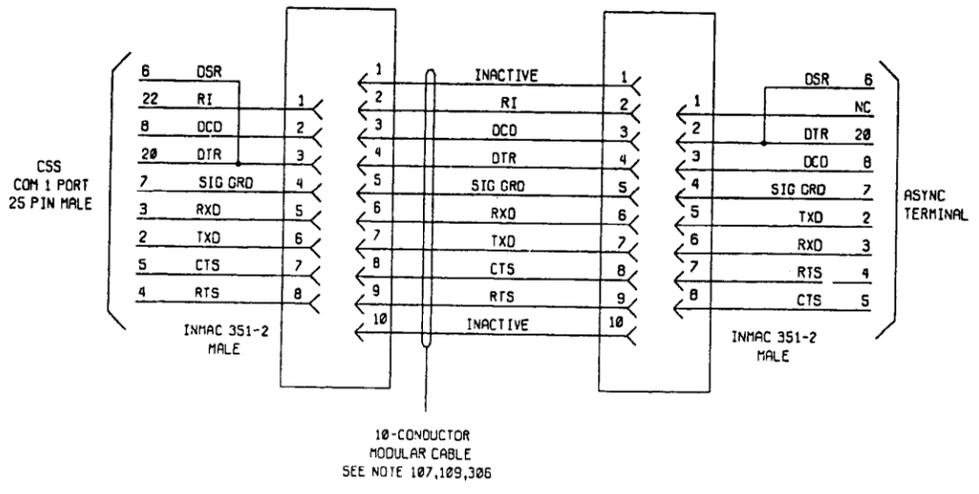
CAD 14

IPC TO PRINTER
IPC TO TERMINAL



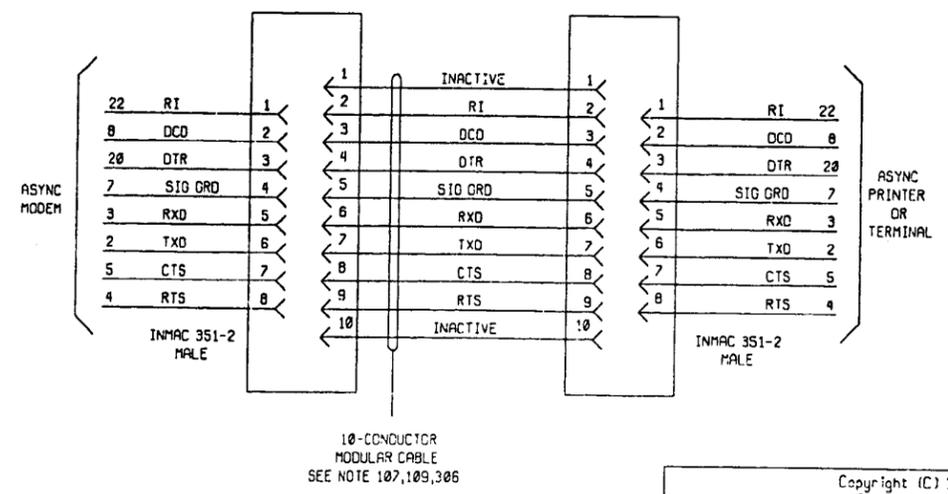
CAD 15

CSS COM 1 (25 PIN MALE) TO TERMINAL



CAD 16

ASYNC MODEM TO TERMINAL OR PRINTER



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