

NOTES: 1. THE AC SOURCE FOR THE MCC/TLMS SHALL BE PROTECTED AC.  
 2. THE AC SOURCE FOR THE STLMS SHALL BE THE ESSENTIAL AC.

MASTER CONTROL CENTER AND SUPPLEMENTARY TRUNK LINE WORK STATION		DWG NO.	ISSUE
		88	1
BELL LABORATORIES	88-50101-01	SHEET 3 of 4	

REV. 11/72

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**APP FIG 1**

MCC/TLMS

VIDEO TERMINAL		
DESIG	LOC	CODE
1		ED-4C258-31, G16E

READ ONLY PRINTER		
DESIG	LOC	CODE
1		ED-4C258-31, G16D

MULTILINE STATION SET			
DESCRIPTION	QTY	LOC	CODE
TELEPHONE SET	1		2563HDHSH-60
LOUD SPEAKER	1		108AW-60
TELEPHONE HEAD SET	1		52L
TRANSMITTER	1		680AE-60
CONNECTOR BLOCK	1		82B-49
POWER UNIT	1		85B1-49

**APP FIG 2**

STLMS

VIDEO TERMINAL		
DESIG	LOC	CODE
1		ED-4C258-31, G16E

MULTILINE STATION SET			
DESCRIPTION	QTY	LOC	CODE
TELEPHONE SET	1		2563HDHSH-60
LOUD SPEAKER	1		108AW-60
TELEPHONE HEAD SET	1		52L
TRANSMITTER	1		680AE-60
CONNECTOR BLOCK	1		82B-49
POWER UNIT	1		85B1-49

**APP FIG 3**

STLMS

READ ONLY PRINTER		
DESIG	LOC	CODE
1		ED-4C258-31, G16D

MASTER CONTROL CENTER AND SUPPLEMENTARY TRUNK LINE WORK STATION		TYPE SIZE	1800
		88	1
BELL LABORATORIES	80-50101-01	PART C-201	

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CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	



MASTER CONTROL CENTER AND SUPPLEMENTARY TRUNK LINE WORK STATION		DATE 06	ISSUE 1
BELL LABORATORIES	80-50101-01	SERIES 01	

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BT-22

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.

302.

FEATURE OR OPTION	PROVIDE		QUANTITY
	APP FIG.	APP OR WRG	

INFORMATION NOTES: (CONT)

304.

CIRCUIT PACK CODE OR MICROCODE	COMMON LANGUAGE EQUIPMENT IDENTIFICATION CODE (CLEI)

305. "PROTECTED AC" CONDUIT FOR VIDEO DISPLAY TERMINAL  
AND PRINTER GOES TO MISCELLANEOUS CABINET.

306. "ESSENTIAL AC" CONDUIT FOR VIDEO DISPLAY TERMINAL  
AND PRINTER GOES TO OFFICE WALL MOUNTED PULL BOX.

307. EACH OFFICE THAT ENGINEERS ONLY ONE CONTROL CENTER  
SHALL USE THE "PROTECTED AC" CIRCUIT. ALL SUPPLE-  
MENTARY TRUNK LINE WORK STATIONS SHALL USE THE  
"ESSENTIAL AC" CIRCUIT.

303.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES						
CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN	SEE NOTE	USE IN CIRCUIT		
				STD	A&M	MD

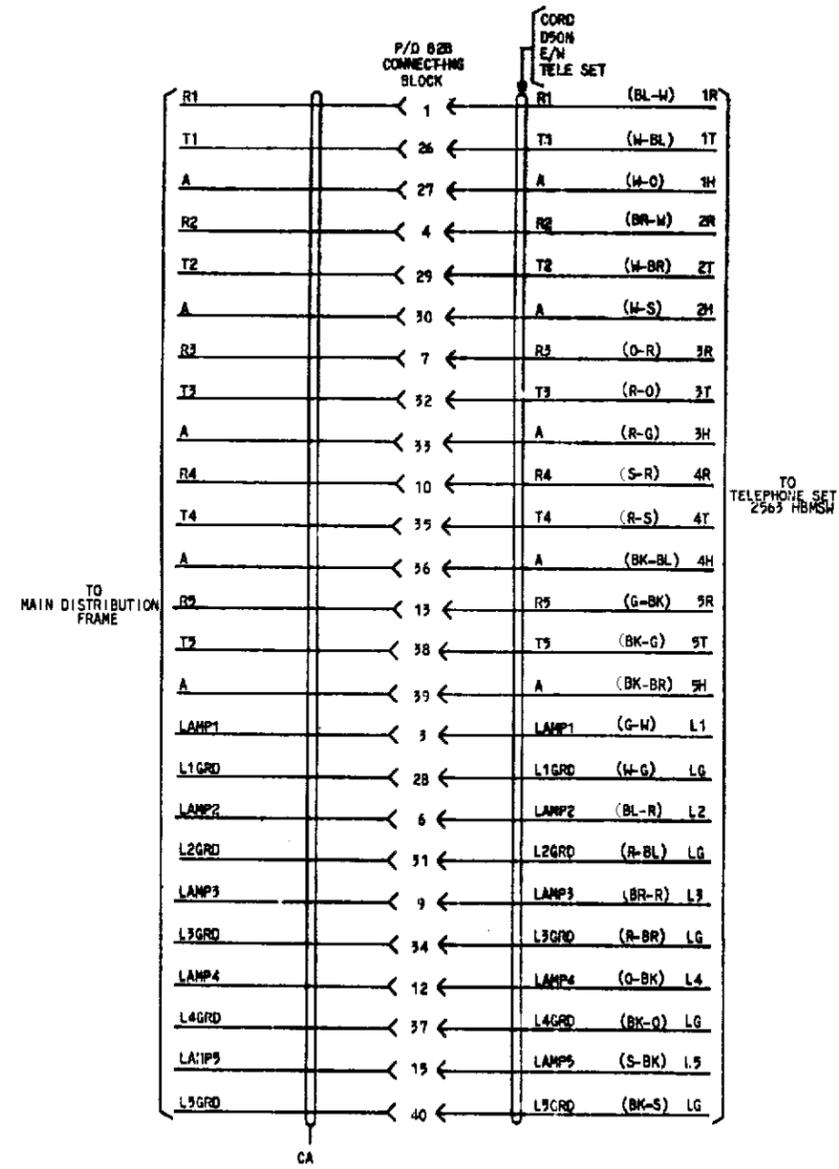
MASTER CONTROL CENTER AND SUPPLEMENTARY TRUNK LINE WORK STATION		DWG SIZE A4	ISSUE 1
BELL LABORATORIES	SD-5D101-01	SHEET D#1	

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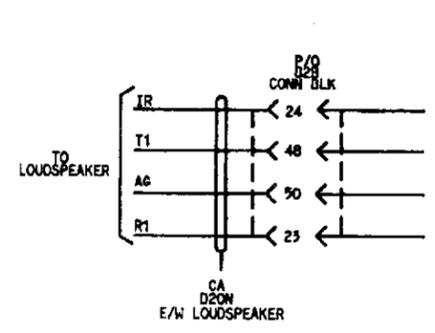
### CAD 1

TIP, RING, AND PHONE LAMP CONNECTION



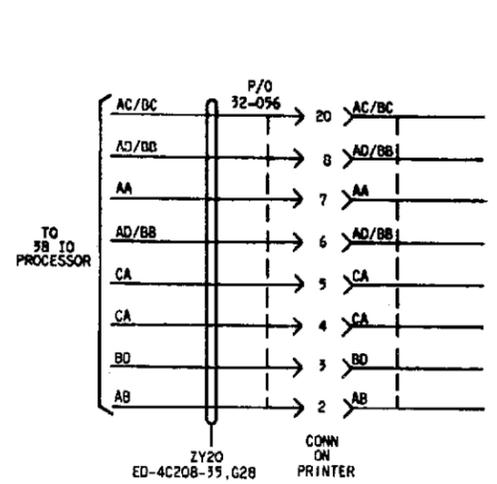
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LOUDSPEAKER CONNECTION



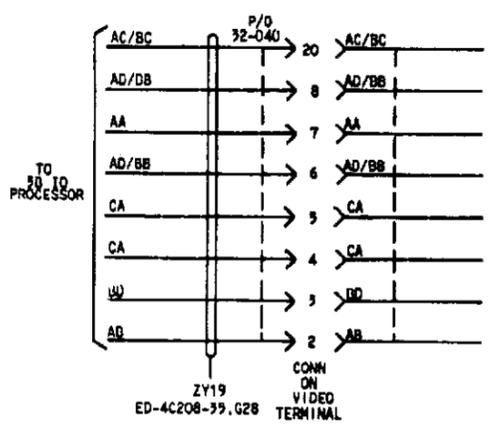
### CAD 3

LOCAL MTCE POSITION AND READ ONLY PRINTER CONNECTION



### CAD 4

LOCAL MTCE POSITION AND VIDEO DISPLAY CONNECTION



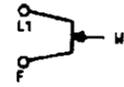
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MASTER CONTROL CENTER AND SUPPLEMENTARY TRUNK LINE WORK STATION		OWN 8:22	ISSUE 1
BELL LABORATORIES		80-5D101-01	SHEET 01

17-02

**CAD 5**

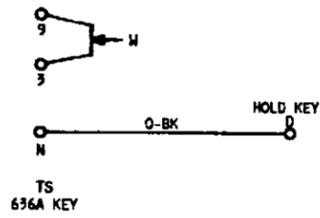
STRAP WIRES  
INSIDE TELEPHONE  
SET 2563HBMSM



4228T  
NETWORK

**CAD 6**

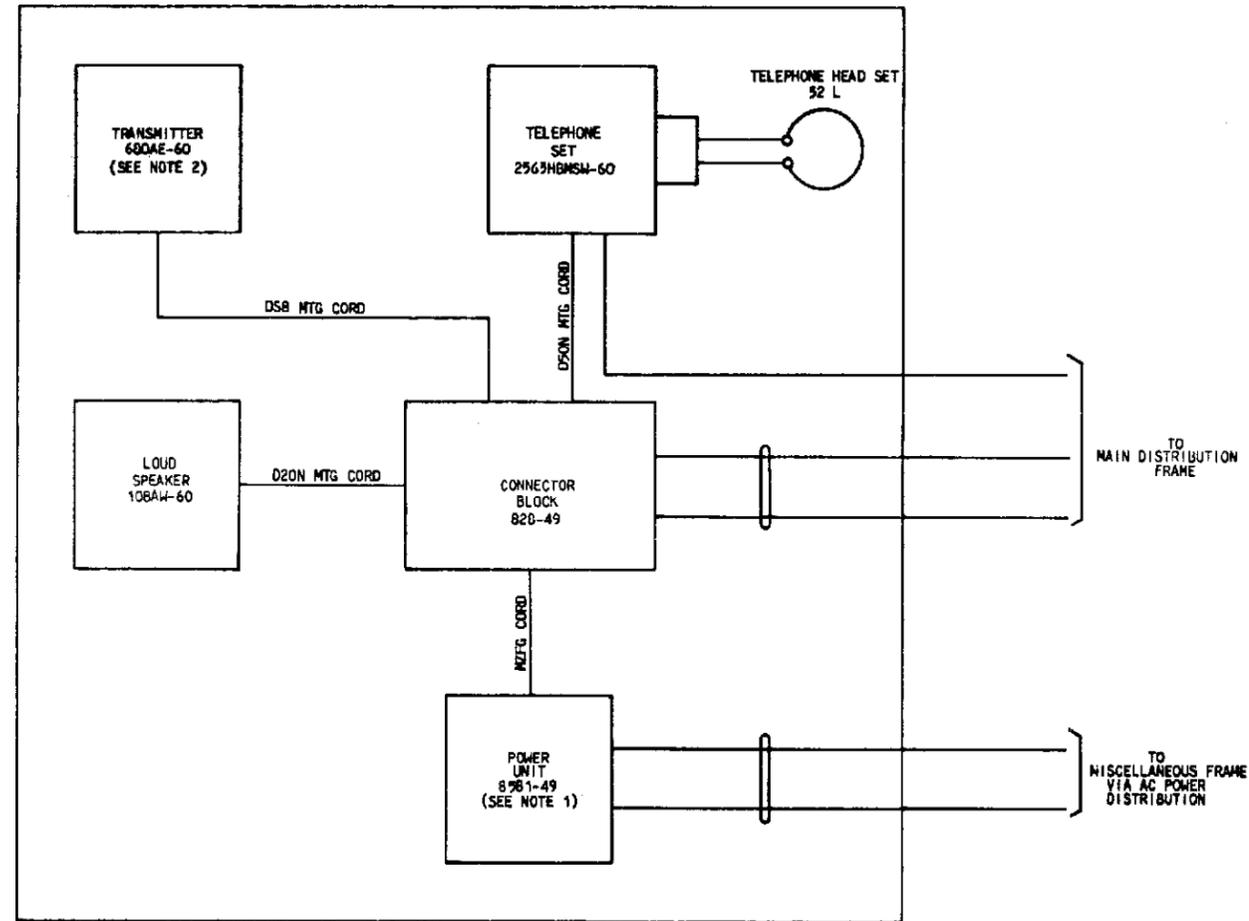
STRAP WIRES  
INSIDE TELEPHONE  
SET 2563HBMSM



MASTER CONTROL CENTER AND SUPPLEMENTARY TRUNK LINE WORK STATION		DWG NO.	ISSUE
		00	1
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**BD 1**

TYPICAL MCC MULTILINE  
STATION SET  
BLOCK DIAGRAM



NOTES:

1. THE 898 POWER UNIT SHOULD BE LOCATED LESS THAN 125 FEET FROM THE 108-TYPE LOUSPEAKER SET WHEN USING 24 GAUGE WIRE.
2. TRANSMITTER MUST BE AT LEAST TWO FEET FROM THE TRANSFORMER OR ANY AC POWER DEVICE.

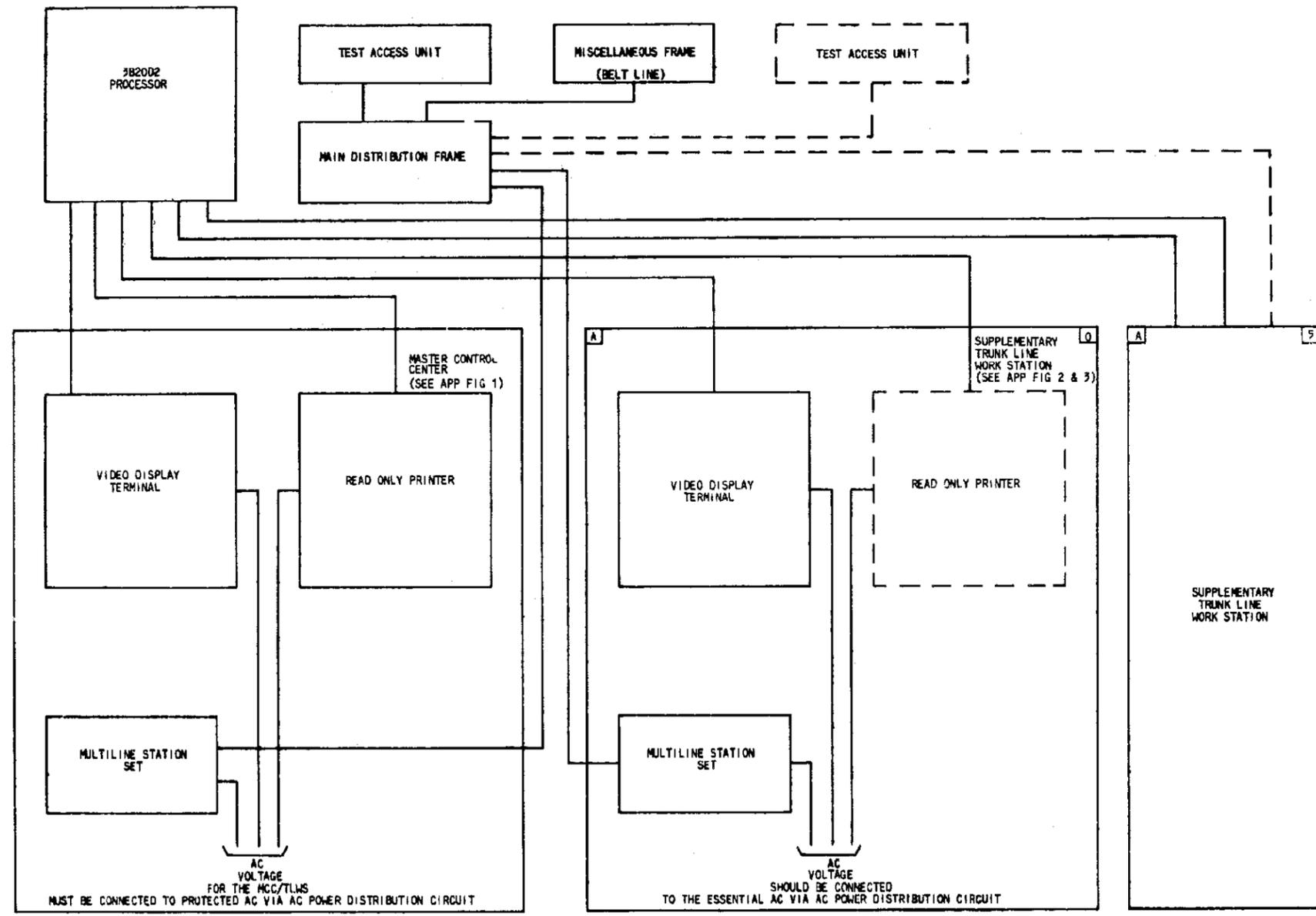
MASTER CONTROL CENTER AND SUPPLEMENTARY TRUNK LINE WORK STATION		OWN SIZE	ISSUE
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BELL LABORATORIES	88-5D101-01	SHEET H OF 1	

# BD 2

MCC/TLWS AND STLWS  
BLOCK DIAGRAM

NOTES:

1. ALL CONNECTION TO THE MCC/TLWS AND STLWS ARE INDEPENDENTLY CONNECTED EXCEPT FOR THE CROSS CONNECTIONS OF THE BELT LINE AND THE INTER OFFICE LINE AT THE MAIN DISTRIBUTION FRAME.



MASTER CONTROL CENTER AND SUPPLEMENTARY TRUNK LINE WORK STATION		SIZE 01	ISSUE 1
BELL LABORATORIES	80-50101-01	REVISED H.22	