

SHEET INDEX

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CAD 1,2,3	G1	G1	2
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BD 1	H#1	H1	2

OPTION INDEX

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
Y	1		APP FIG. 1
Z	1		APP FIG. 1

DWG ISSUE	CD ISSUE	DATE ISSUED	BY	APP
1	1	2-28-84		
2B	1	12-17-84	APPLY	

SUPPORTING INFORMATION

CATEGORY	NO.	Copyright © 1988 AT&T All Rights Reserved	
EQUIPMENT DRAWING	J50002A-1	7T13 5ESS™ SWITCHING EQUIPMENT  SUPPLEMENTARY TRUNK LINE WORK STATION (6 FT X 20 IN. DEPTH) CIRCUIT  (STLMS)	PROVISIONAL
INTERCABINET COMMUNICATIONS	SD-50139-01		
TEST ACCESS UNIT	SD-50099-01		
		DWG SIZE 88	ISSUE 2B
AT&T BELL LABORATORIES		SD-50142-01	
		SHEET A1 OF 12	

0 1 2 3 4 5 6 7 8 9

A  
B  
C  
D  
E  
F  
G  
H

A  
B  
C  
D  
E  
F  
G  
H

APPARATUS INDEX			
DESIG	LOCATION		
	FS	APP FIG.	EQPT
BLOCK, CONNECTING			
TB	105	1	

DESIG	LOCATION		
	FS	APP FIG.	EQPT
TERMINAL, VIDEO DISPLAY			
VDT	303	3	

CAPACITOR			
DESIG	LOCATION		
	FS	APP FIG.	EQPT
C1	104	1	
C2	105	1	

UNIT, TEST ACCESS			
DESIG	LOCATION		
	FS	APP FIG.	EQPT
TAU	205	2	

JACKS, TEL A & TEL B MONITOR			
DESIG	LOCATION		
	FS	APP FIG.	EQPT
J1	104	1	

PRINTER, READ ONLY			
DESIG	LOCATION		
	FS	APP FIG.	EQPT
R0P	303	4	

TELEPHONE SET, PRIMARY			
DESIG	LOCATION		
	FS	APP FIG.	EQPT
PTS	102	1	

DESIG	LOCATION	
	FS	CAD
3B TOP CIRCUIT		
AA	306, 306	107, 107
AB	306, 306	107, 107
AC	306, 306	107, 107
AD	306, 306	107, 107
BB	306, 306	107, 107
BC	306, 306	107, 107
BD	306, 306	107, 107
CA	306, 306	107, 107

DESIG	LOCATION	
	FS	CAD
DISTRIBUTION FRAME CIRCUIT VIA DISTRIBUTING FRAME		
EMAR	206	203
EMAT	206	203
EMBR	206	203
EMBT	206	203
	104	201, 201
	104	201, 201

DESIG	LOCATION	
	FS	CAD
TELEPHONE SET, PRIMARY VIA DISTRIBUTING FRAME		
TCD2	205	201
RCD2	205	201

DESIG	LOCATION	
	FS	CAD
TELEPHONE SET, ADDITIONAL VIA DISTRIBUTING FRAME		
T ( )	107	101
R ( )	107	101

DESIG	LOCATION	
	FS	CAD
AC POWER DISTRIBUTION CIRCUIT		
BK	1E1, 301, 301	205
CN	1E1, 301, 301	205
WH	1E1, 301, 301	205

DESIG	LOCATION	
	FS	CAD
METALLIC SERVICE UNIT		
DAR1	203	201
DAR2	204	201
DAR3	204	201
DAR4	203	201
DAR5	204	201
DAR6	205	201
DAT1	204	201
DAT2	204	201
DAT3	204	201
DAT4	203	201
DAT5	204	201
DAT6	205	201

DESIG	LOCATION	
	FS	CAD
TEST ACCESS UNIT VIA DISTRIBUTING FRAME		
TL ( )	107	101
RL ( )	107	101

DESIG	LOCATION	
	FS	CAD
DC POWER DISTRIBUTION CIRCUIT		
-48	201	207
-48RTN	201	207

DESIG	LOCATION	
	FS	CAD
TRUNK CIRCUIT		
AR	202	201
AR1	202	201
AT	201	201
AT1	202	201
BR	202	201
BR1	203	201
BT	202	201
BT1	202	201

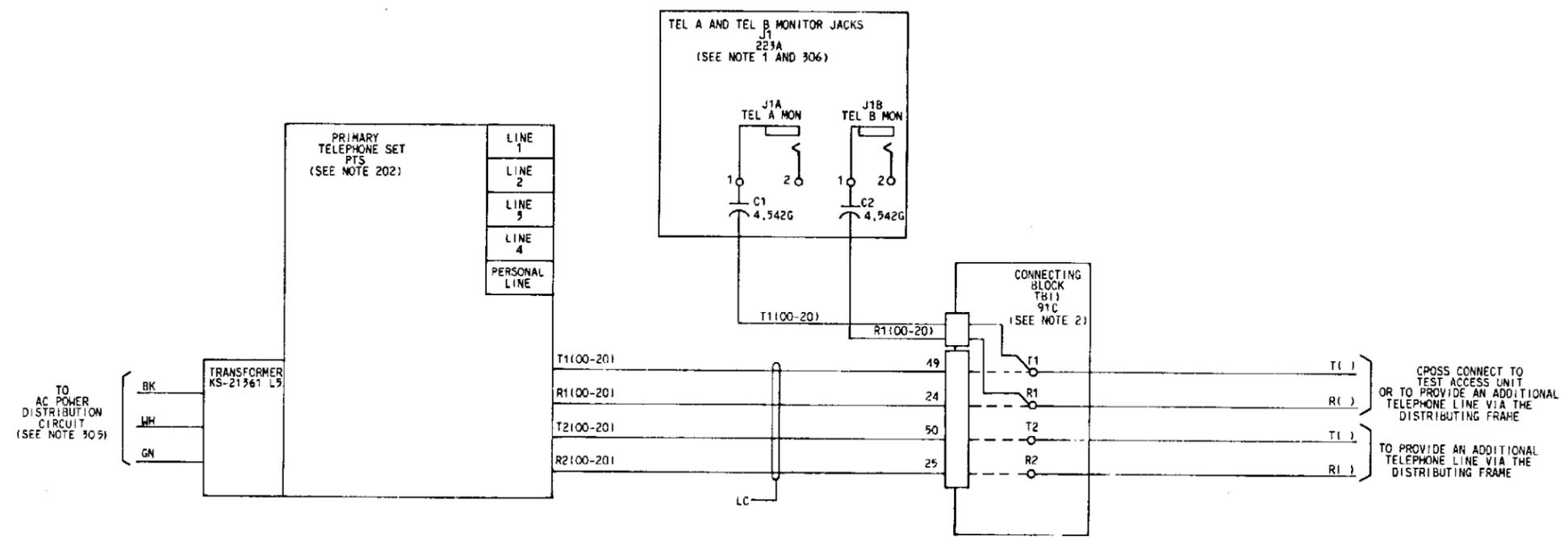
DESIG	LOCATION	
	FS	CAD
INTERCABINET COMMUNICATIONS		
TMAR	206	203
TMBR	206	203
R1SP	207	203
S1SP	207	203
TMAT	205	203
TMBT	205	203
T1SP	207	203

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SUPPLEMENTARY TRUNK LINE WORK STATION 16 FT X 20 IN. DEPTH		DWG SIZE	ISSUE
		08	2B
AT&T BELL LABORATORIES	SD-5D142-01	SHEET A2	

0 1 2 3 4 5 6 7 8 9

FS I  
TYPICAL STLWS  
MULTILINE STATION SET



NOTES:

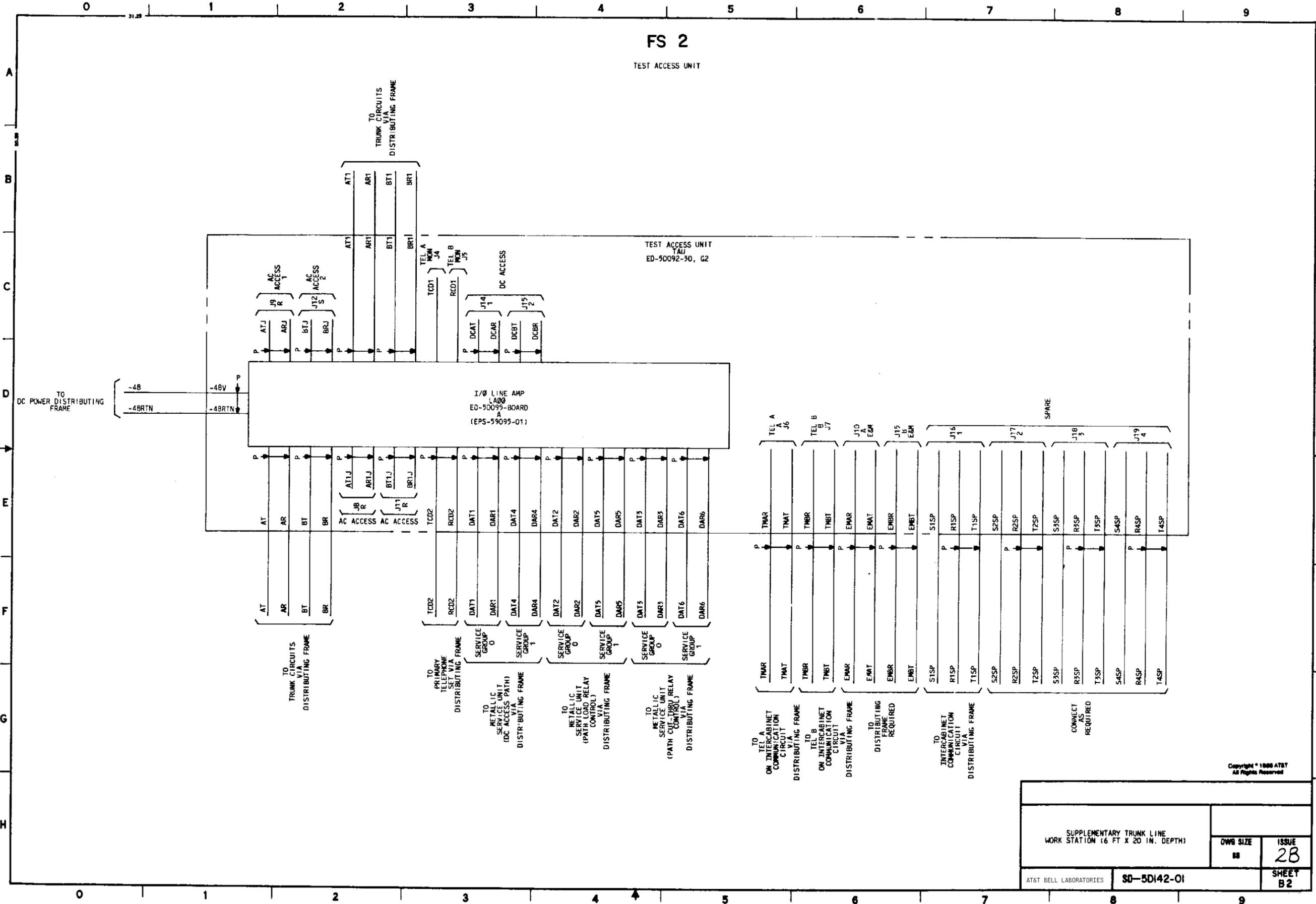
1. THIS TEL A (MON) AND TEL B (MON) IS PROVIDED FOR HANDS FREE OPERATION AND/OR IN ADDITION TO THE TEST ACCESS UNIT TEL A (MON) AND TEL B (MON) JACKS.
2. 1 TO 6 MULTILINE STATION SETS CAN BE EQUIPPED IN A STLWS LINE UP. EACH SET COMES EQUIPPED WITH TWO OUTSIDE LINES. T( ) AND R( ) DESIGNATIONS INDICATE LINES T(02) THROUGH T(13). TB( ) DESIGNATION INDICATES TERMINAL BLOCK TB(1) THROUGH TB(6).

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SUPPLEMENTARY TRUNK LINE WORK STATION (6 FT X 20 IN. DEPTH)		DWG SIZE 88	ISSUE 2B
AT&T BELL LABORATORIES		SD-50142-01	SHEET B1

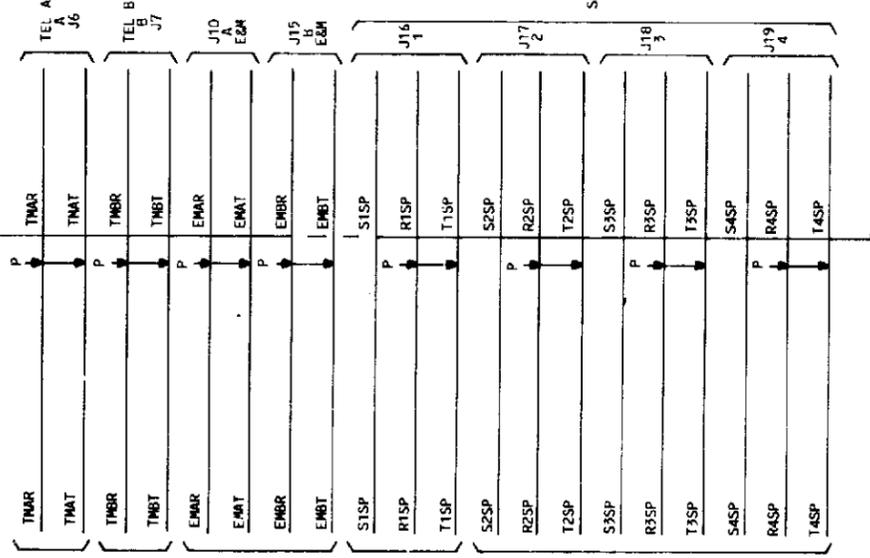
# FS 2

TEST ACCESS UNIT



TEST ACCESS UNIT  
TAU  
ED-90092-90, G2

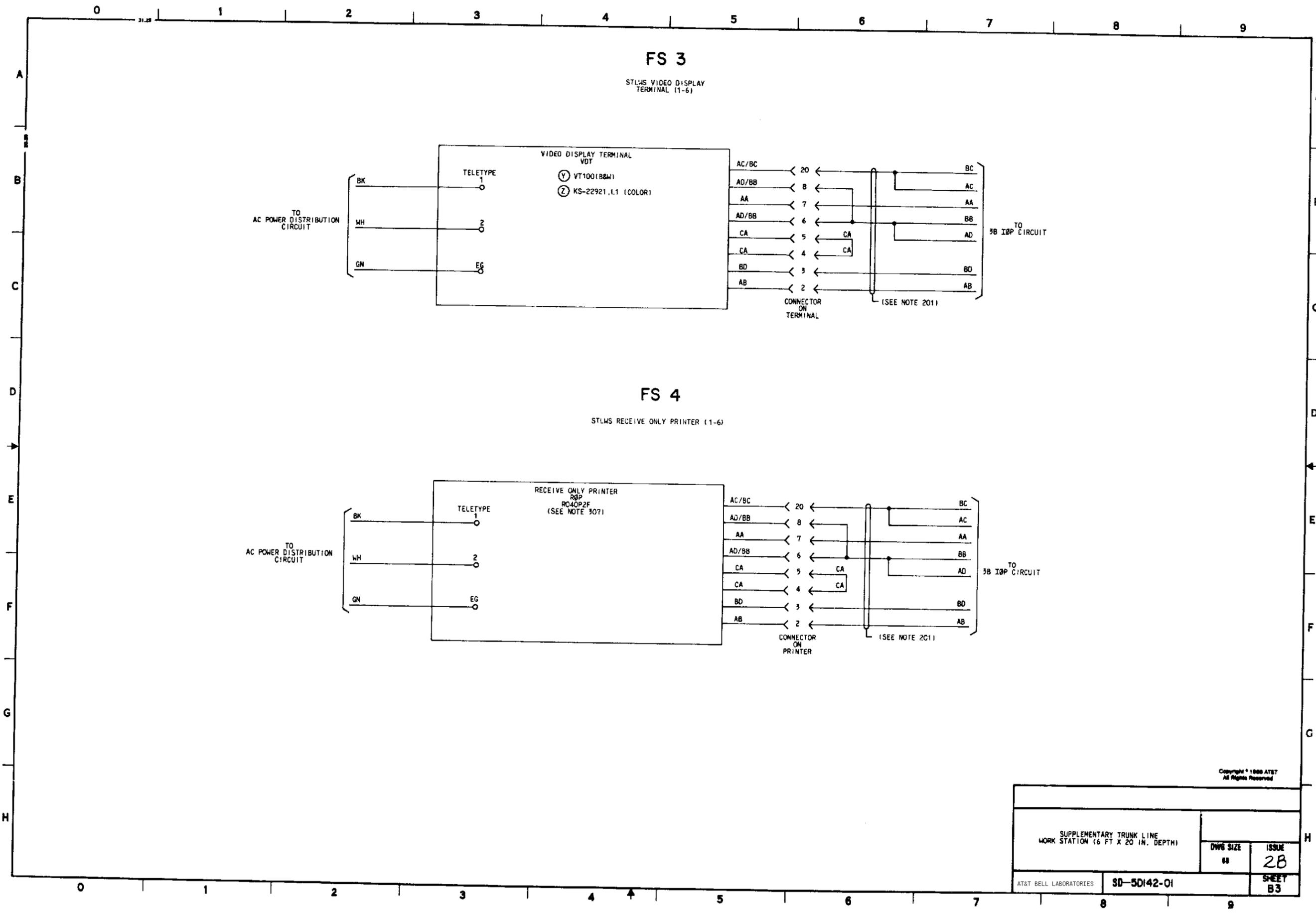
I/O LINE AMP  
LA00  
ED-90095-BOARD  
A  
(EPS-99095-01)



TO TEL A ON INTERCABINET COMMUNICATION CIRCUIT VIA DISTRIBUTING FRAME  
TO TEL B ON INTERCABINET COMMUNICATION CIRCUIT VIA DISTRIBUTING FRAME  
TO INTERCABINET COMMUNICATION CIRCUIT VIA DISTRIBUTING FRAME  
CONNECT AS REQUIRED

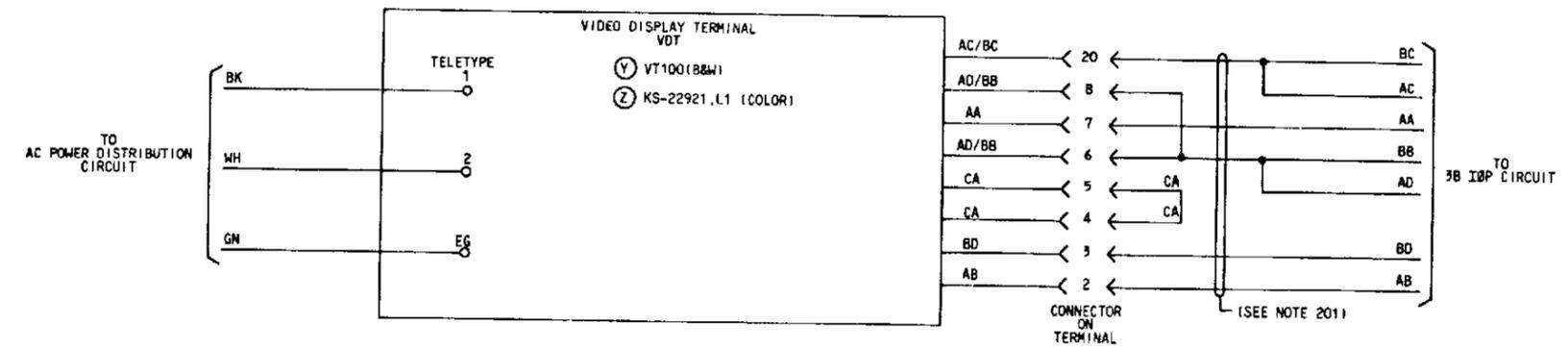
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SUPPLEMENTARY TRUNK LINE WORK STATION (6 FT X 20 IN. DEPTH)		DWG SIZE 88	ISSUE 28
AT&T BELL LABORATORIES		SD-5DI42-01	SHEET B2



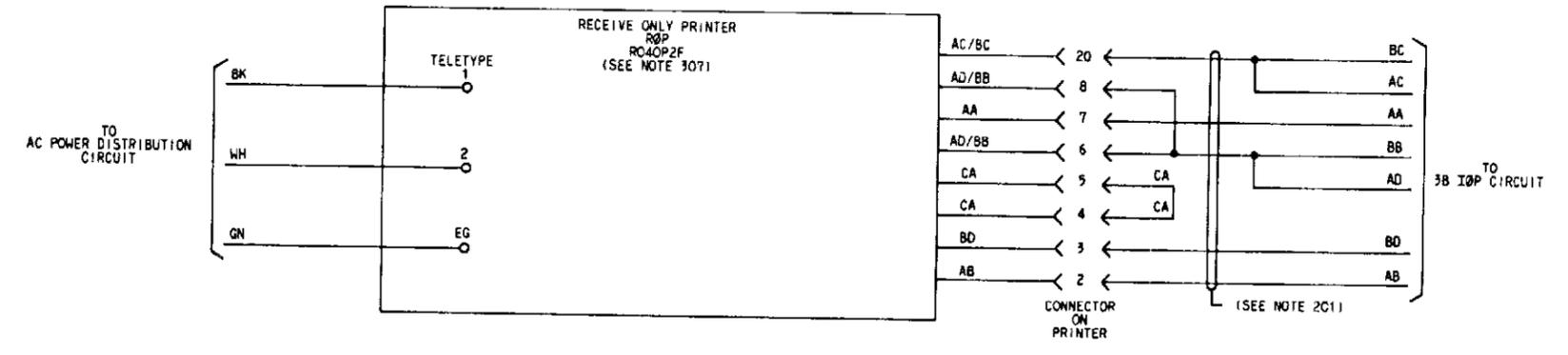
**FS 3**

STLWS VIDEO DISPLAY TERMINAL (1-6)



**FS 4**

STLWS RECEIVE ONLY PRINTER (1-6)



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SUPPLEMENTARY TRUNK LINE WORK STATION (6 FT X 20 IN. DEPTH)		DWG SIZE 48	ISSUE 2B
AT&T BELL LABORATORIES SD-50142-01		SHEET B3	

0 1 2 3 4 5 6 7 8 9

A A

APP FIG 1

MULTILINE STATION SET

CONNECTING BLOCK

DESIG	LOC	CODE
TB	105	91C

APP FIG 2

TEST ACCESS UNIT

DESIG	LOC	CODE
TAU	205	ED-50092-30, G2

APP FIG 3

VIDEO DISPLAY TERMINAL

OPT	DESIG	LOC	CODE
Y	VDT	3C3	VTOO TERM(B&W)
Z	VDT	3C3	KS-22921 L1(COLOR)

APP FIG 4

READ ONLY PRINTER

DESIG	LOC	CODE
R0P	3F5	RO40P2F

B B

JACKS, TEL A AND TEL B MONITOR

DESIG	LOC	CODE
J1	184	223A E/M

C C

CAPACITOR

DESIG	LOC	CODE
C1	104	4,542G
C2	104	4,542G

D D

PRIMARY TELEPHONE SET

DESIG	LOC	CODE
PTS	102	(SEE NOTE 202)

E E

F F

G G

H H

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SUPPLEMENTARY TRUNK LINE WORK STATION (6 FT X 20 IN. DEPTH)		DWG SIZE 88	ISSUE 28
AT&T BELL LABORATORIES SD-50142-01		SHEET C1	

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

A  
B  
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D  
E  
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H

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
BATTERY SYMBOL		VOLTAGE RANGE	

EQUIPMENT NOTES:

201. THE CABLE ASSIGNMENTS FOR THE STLWS ARE AS FOLLOWS:

STLW(1-6)	CABLE CODE
VIDEO DISPLAY TERMINAL	ED-5D500-11,G61
READ ONLY PRINTER	ED-5D500-11,G60

NOTE, CABLE TERMINATION EQUIPMENT LOCATIONS ARE PROVIDED WITH ED-5D500-11,G61 AND ED-5D500-11,G60. THE VIDEO DISPLAY TERMINAL MUST BE ASSIGNED TO PORT ZERO AND THE READ ONLY PRINTER MUST BE ASSIGNED TO PORT ONE OF THE SAME CHANNEL OF TN74 CIRCUIT PACK.

202. THE PRIMARY TELEPHONE SET (CUSTOMER OPTION, MAY USE MERLINTH OR EQUIV.) COMES EQUIPPED WITH TWO OUTSIDE LINES. TWO ADDITIONAL OUTSIDE LINES CAN BE PROVIDED BY THE ADDITION OF ONE ADDITIONAL PRIMARY SET. THE FOUR LINES WILL BE ACCESSIBLE FROM BOTH OF THE CONNECTED PRIMARY TELEPHONE SETS. A PRIVATE LINE CAN ALSO BE CONNECTED TO EACH PRIMARY SET (INDEPENDENTLY OF ANOTHER PRIMARY SET (SEE BSP-518-490-107)).

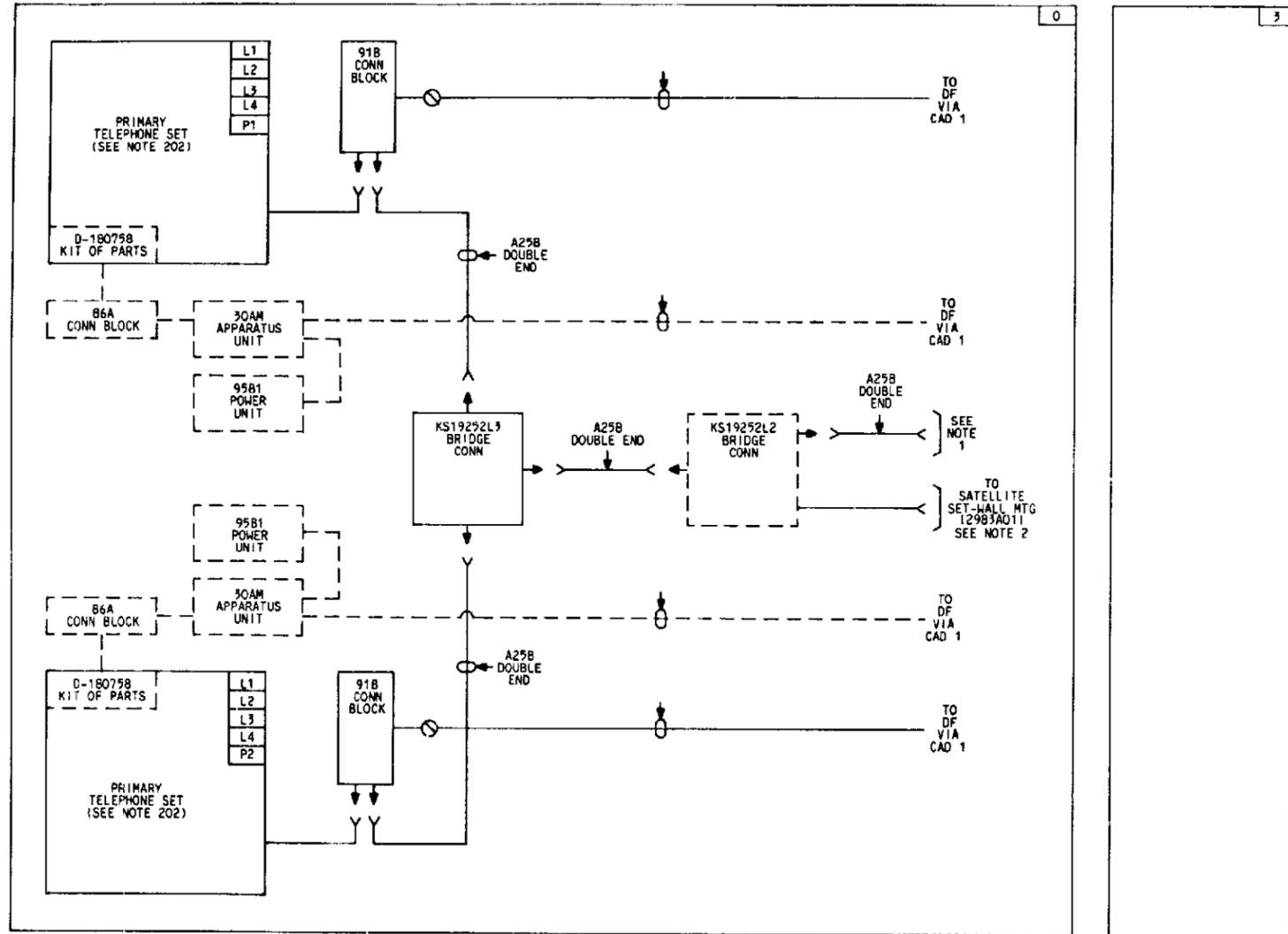
203. CROSS CONNECTING INFORMATION FOR STLWS IS DETAILED IN ED-5D500-19,G54.

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SUPPLEMENTARY TRUNK LINE WORK STATION (6 FT X 20 IN. DEPTH)		DWG SIZE 88	ISSUE 2B
AT&T BELL LABORATORIES		SD-5D-5D142-O1	
		SHEET 01	

0 1 2 3 4 5 6 7 8 9

EQUIPMENT NOTES (CONT):  
 204. TYPICAL MCC/TLWS AND STLWS MULTILINE STATION SETS.



- NOTES: 1. TO BE CONNECTED TO KS19252L2 BRIDGE CONNECTOR ONLY IF MORE THAN ONE SATELLITE SET IS TO BE ADDED.  
 2. TO BE CONNECTED TO SATELLITE WHEN ONLY ONE SET IS TO BE ADDED.

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SUPPLEMENTARY TRUNK LINE WORK STATION (6 FT X 20 IN. DEPTH)		OWB SIZE	ISSUE
		68	2B
AT&T BELL LABORATORIES		SD-5D142-01	SHEET DIA

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		
	APP FIG.	APP OR WRG	QUANTITY
ASSEMBLY WIRING AND EQUIPMENT REQUIRED TO PROVIDE AN ADDITIONAL MULTILINE TELEPHONE SET	1		AS REQUIRED
ASSEMBLY WIRING AND EQUIPMENT REQUIRED TO PROVIDE AN ADDITIONAL TEST ACCESS UNIT	2		AS REQUIRED
ASSEMBLY WIRING AND EQUIPMENT REQUIRED TO PROVIDE AN ADDITIONAL VIDEO DISPLAY TERMINAL (SEE NOTE 308)	COLOR	3 Z	ONE PER CIRCUIT
	BLACK AND WHITE	3 Y	
ASSEMBLY WIRING AND EQUIPMENT REQUIRED TO PROVIDE AN ADDITIONAL READ ONLY PRINTER	4		AS REQUIRED

INFORMATION NOTES (CONT.):

304.

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

305. "ESSENTIAL AC" CONDUIT FOR VIDEO DISPLAY TERMINAL, MULTILINE STATION SET, AND PRINTER GOES TO OFFICE WALL MOUNTED PULL BOX. (NON-PROTECTIVES AC).
306. THE SET OF TALK AND MONITOR JACKS ARE USED WITH THE TELEPHONE SET WHEN THE TEST ACCESS UNIT IS NOT EQUIPPED ON THE SAME CABINET.
307. THE BAUD RATE FOR THE STLWS PRINTER MUST BE SET AT 4800 BAUD. SEE BSP-582-200-201.
308. A STLWS CONSISTS OF A MINIMUM OF A VIDEO DISPLAY TERMINAL, A RECEIVE ONLY PRINTER, A MULTILINE TELEPHONE SET, AND A TEST ACCESS UNIT ARE OPTIONAL EQUIPMENTS.

303.

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

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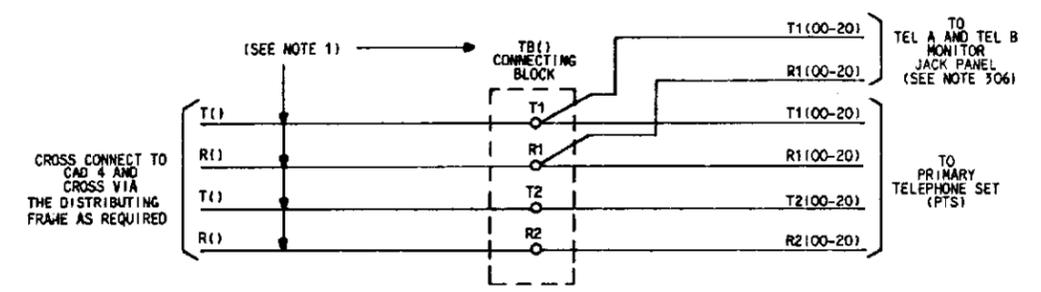
SUPPLEMENTARY TRUNK LINE WORK STATION 16 FT X 20 IN. DEPTH		DWG SIZE 88	ISSUE 2B
AT&T BELL LABORATORIES	SD-5D142-01	SHEET 02	

0 1 2 3 4 5 6 7 8 9

A  
B  
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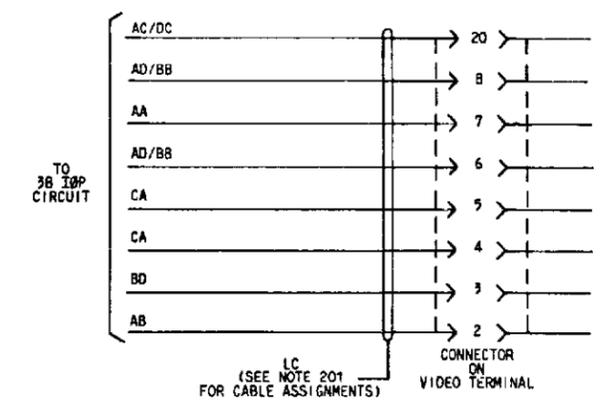
### CAD 1

TIP AND RING



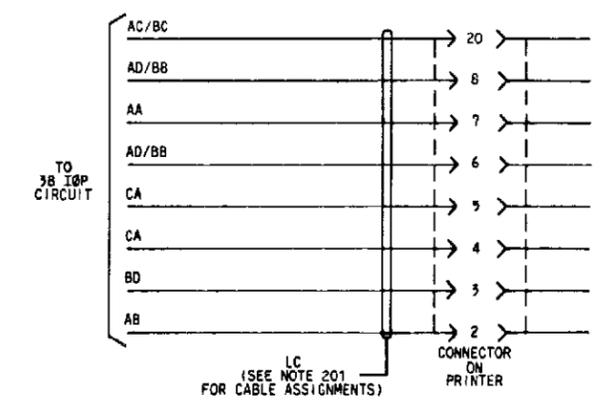
### CAD 2

STLWS VIDEO DISPLAY TERMINAL CONNECTION (0-5)



### CAD 3

STLWS READ ONLY PRINTER CONNECTION (0-5)

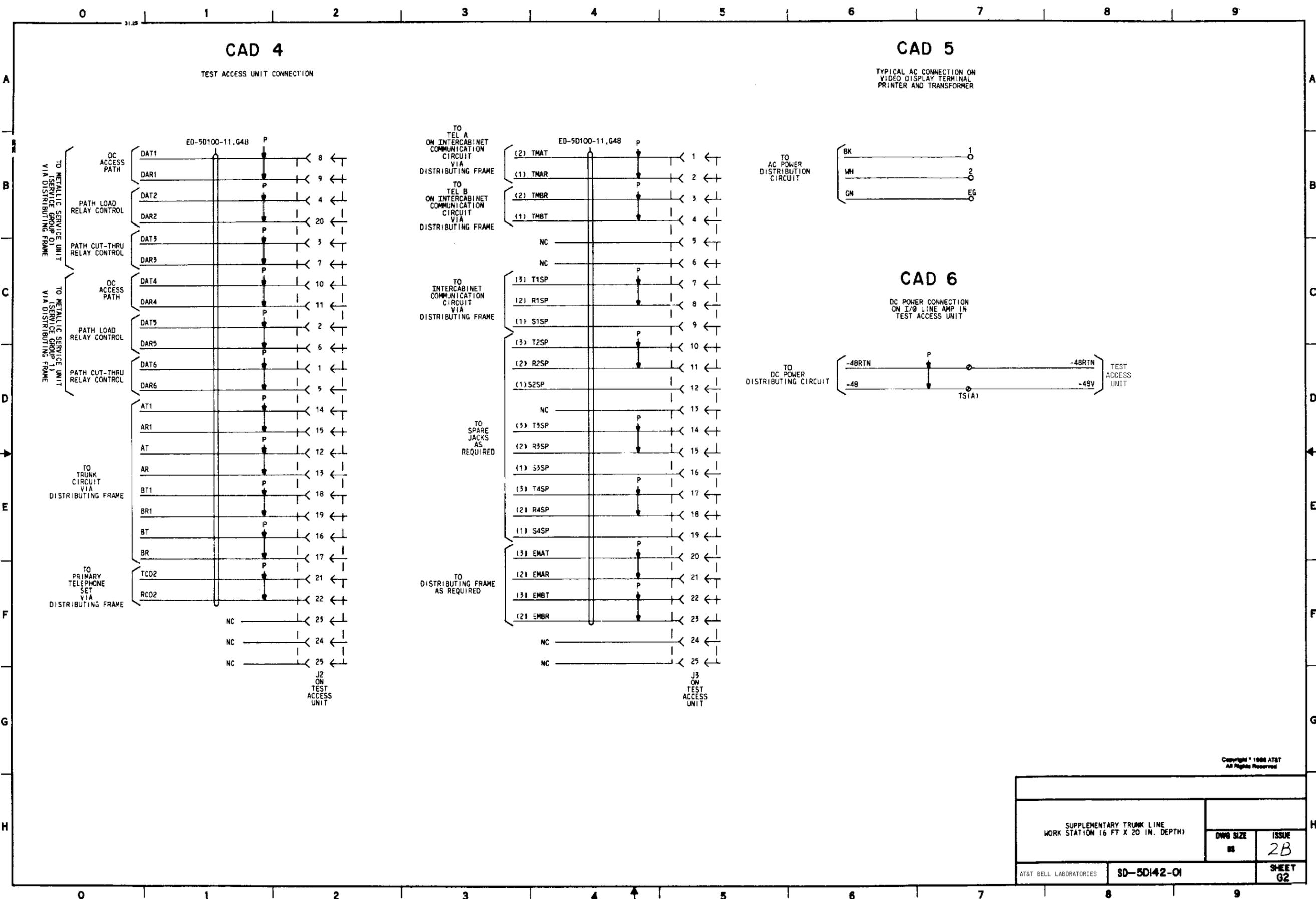


NOTE:  
 1. ONE TO 6 MULTILINE STATION SETS CAN BE EQUIPPED IN A STLWS LINE UP. EACH SET COMES EQUIPPED WITH TWO OUTSIDE LINES. T(1) & R(1) DESIGNATIONS INDICATE LINES T(02) THROUGH T(13) AND R(02) THROUGH R(13). TB(1) DESIGNATION INDICATES TERMINAL BLOCK TB(1) THROUGH TB(6).

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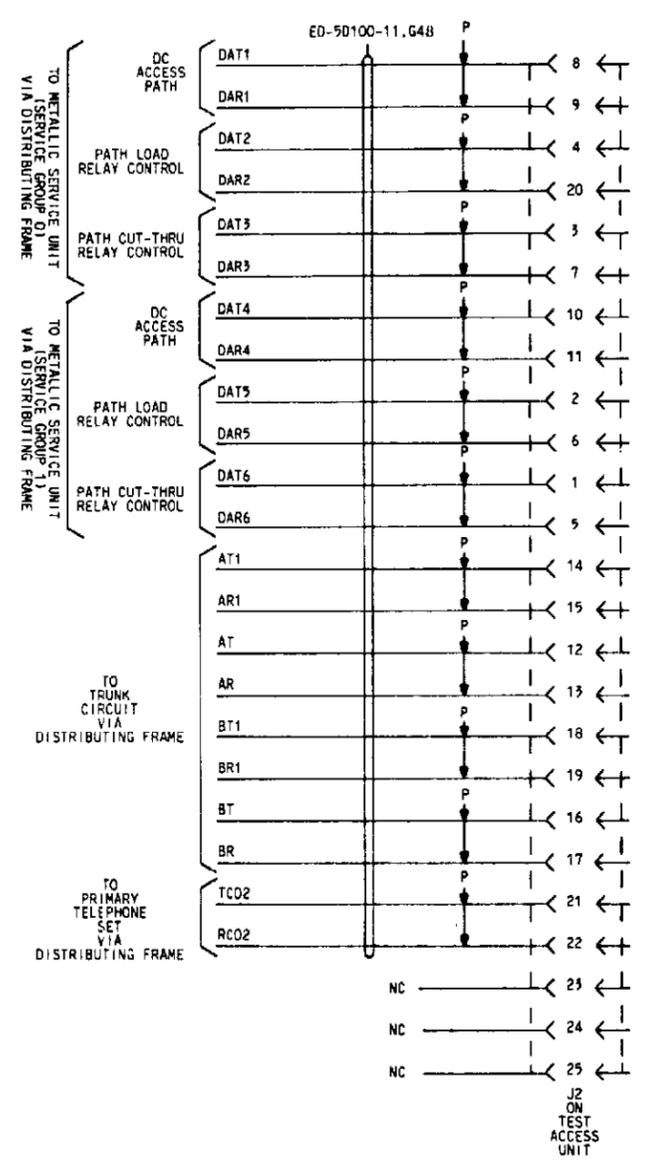
SUPPLEMENTARY TRUNK LINE WORK STATION (6 FT X 20 IN. DEPTH)		DWG SIZE	ISSUE
		88	28
AT&T BELL LABORATORIES		SD-5D142-01	SHEET 01

0 1 2 3 4 5 6 7 8 9



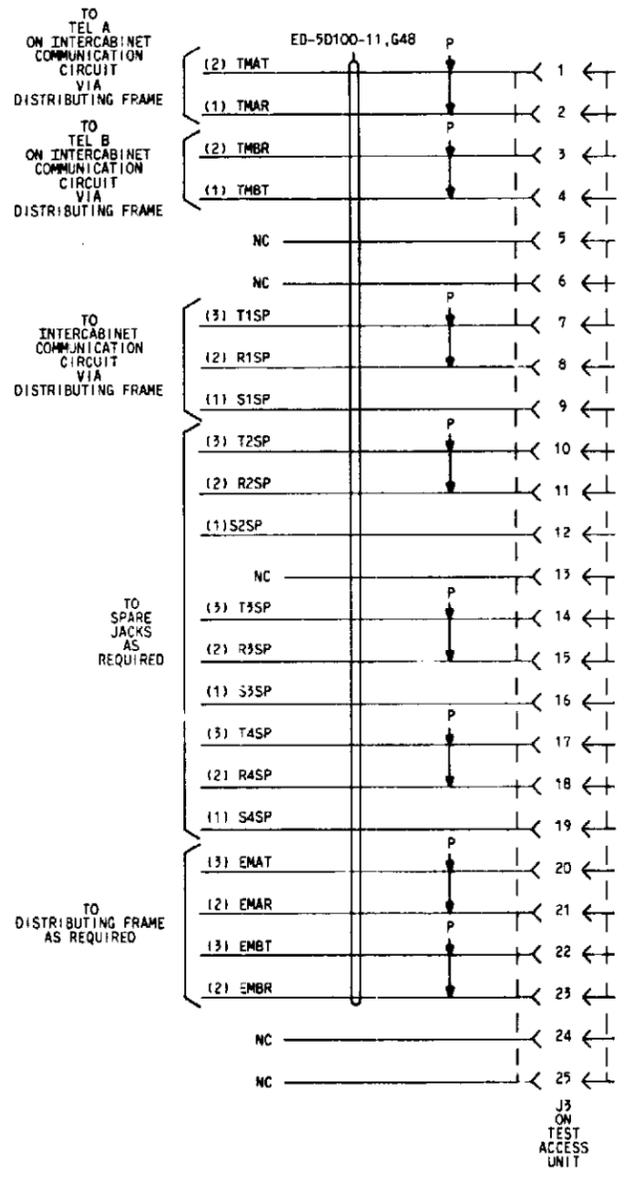
**CAD 4**

TEST ACCESS UNIT CONNECTION



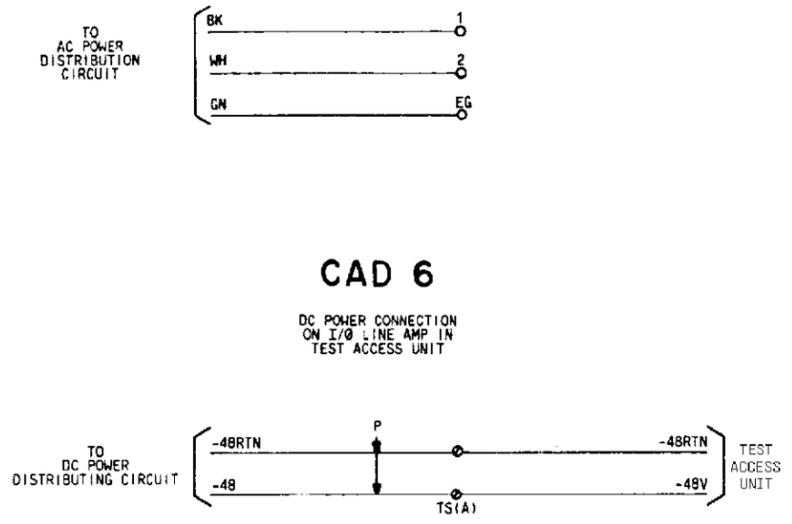
**CAD 5**

TYPICAL AC CONNECTION ON VIDEO DISPLAY TERMINAL PRINTER AND TRANSFORMER



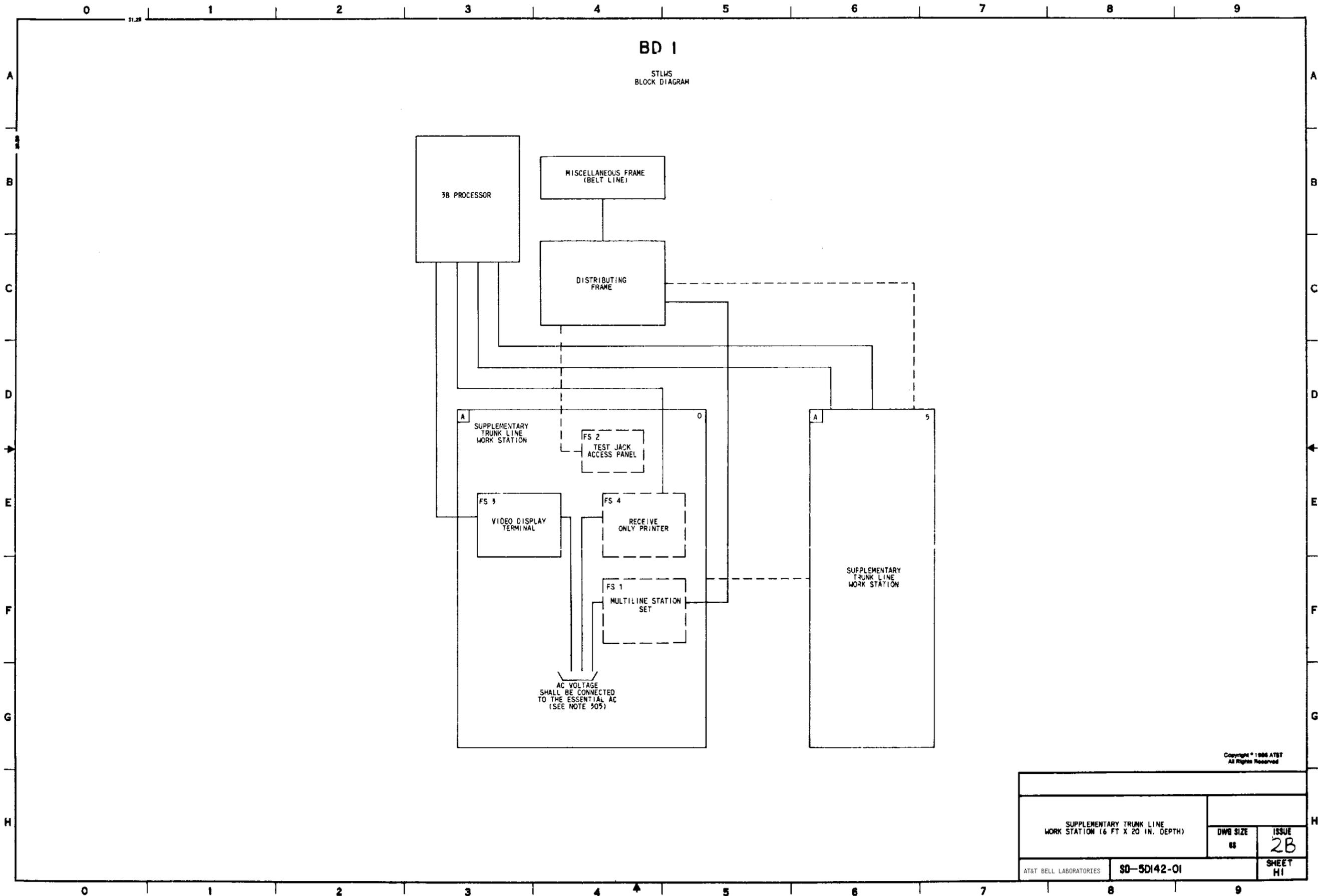
**CAD 6**

DC POWER CONNECTION ON I/O LINE AMP IN TEST ACCESS UNIT



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SUPPLEMENTARY TRUNK LINE WORK STATION (6 FT X 20 IN. DEPTH)		DWG SIZE	ISSUE
		08	2B
AT&T BELL LABORATORIES	SD-5D142-01	SHEET G2	



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SUPPLEMENTARY TRUNK LINE WORK STATION (6 FT X 20 IN. DEPTH)		DWG SIZE 68	ISSUE 2B
AT&T BELL LABORATORIES		SD-50142-01	SHEET H1