

TABLE A								
ITEM	RATING STD UNLESS SPEC'D	CIRCUIT SD	APP FIG OR FS	EQUIPMENT LOCATION INDEX				
				SLIDE	MTG PLT	UNIT NOMENCLATURE	J CODE	NOTE
1		65741-01	1 & 17	2	L-Q	TIE TRUNK ADAPTER & LINE UNIT	58829H-()	
2			2	3	L-M	LINE UNIT		
3			3	-	-	CUT-OFF RELAYS		2
4			4	6	Z-AB	TENS SELECTION & PREF UNIT		
5			5	6	G-H	REGISTER CONTROL UNIT		
6			6	4	Z	TRUNK TENS CONNECTOR UNIT		
7			7	6	U-Y	UNITS SEL, LINE & TRK HUNTING 2 CTR REG & SEQUENCE CONTROL UNIT		
8			8	6	R-T	ROUTE CONTROL, CLASS OR SERVICE & DOWN CHECK UNIT		
9			9 22	6	M-Q	LINK TEST, SELECT MAGNET & MISC CONT UNIT		
10			10	6	J,K	ADVANCE TIMEOUT & RELEASE & MARKER 2ND TRIAL REG CONTROL		
11			11	1	AA,AB	MARKER ALARM UNIT		
12			12	4	A-K,N-X	X-BAR SWITCH 6,7,8,0	58829E-()	
13			13	3	A-K,N-S	X-BAR SWITCH 4,5,1	58829D-()	
14			14	2	A-K	X-BAR SWITCH 2,3	58829C-()	
15			15	3	V	SEL MAGNET CONN 4,5,1	58829H-()	
16			16		AA	SEL MAGNET CONN 6,7,8,0		
17		65742-01	1,2,3,5, 6,7	6	A-F	DIAL PULSE REG 0,1	58829J-()	
18		65744-01	1	1	W	FUSE PANEL, ALARM, TRAFFIC & TROUBLE REG UNIT	58829R-()	
19	A & B ONLY	65745-01	1	2 3	Z,AA AA,AB	DIAL CONFERENCE UNIT	58829S-()	1
20		65746-01	-	-	-	CABLING DIAGRAM		6
21		65747-01	1	2 3	R-AA X-AB	LOUDSPEAKER PAGING TRUNK	58829W-()	1
22		65750-01	1	3 4	T,U Y	JCTR CKTS 0,1,2 & 5 JCTR-CKTS 3,4	58829P-()	
23		65752-01	1,2,5	5	A-H,K-U,W,X,AB	C. O. TRUNK	58829M-()	15,19
24		65753-01	1	5	Y-AA	ATTENDANT'S TRUNK	58829N-()	
25		65754-01	1	4	AA	BUSY TONE TRUNK	58829H-()	
26		65755-01	1	2 3	R-AA X-AB	TIE TRUNK	58824AT-()	4
27		65756-01	1	5	G,H,K,L,T,U,W,X	TIE TRUNK PLUG-IN TYPE	58829T-()	4
28		65757-01	1 3,5,8	5 5	V J	POSITION CIRCUIT	58829L-()	
29		66796-01	1	2	L	TIE TRK ADAPTER & LINE	58829H-()	3
30			2	5	J	POS CIRCUIT	58829L-()	3
31			3	1	AA,AB	MARKER ALARM	58829H-()	3
32			4	1	X-Z W-Z	FUSE PANEL, ALARM, TRAFFIC & TRBL REG UNIT(SEE TABLE B)	58829R-()	3
33								
34	MFR DISC	81288-01	1,2	1	B	INTERRUPTER	86464C-()	4,26
35	MFR DISC	81318-01	1	1	J-R	RECTIFIER	86281A-()	4,26
36	MFR DISC	81325-01	1	1	C F	RINGING & TONE SUPPLY	86464D-()	4,26

TABLE A (CONT)								
ITEM	RATING STD UNLESS SPEC'D	CIRCUIT SD	APP FIG OR FS	EQUIPMENT LOCATION INDEX				
				SLIDE	MTG PLT	UNIT NOMENCLATURE	J CODE	NOTE
37		81326-01	1,5,7,8	1	B-R	POWER PLANT INTERCONNECTIONS	86464A-()	4,26
38	MFR DISC		2	-	-	TRANSISTOR R & T SUPPLY	86464B-()	5
39			3	-	-	48 VOLT SUPPLY	86464B-()	5
40			4,6	1	G-H	CAPACITOR PANEL	86464E-()	4,26
41		81328-01	1	-	-	LOW TONE SUPPLY	86464G-()	327
42		81329-01	1	-	-	20V SUPPLY	86464H-()	327
43		81330-01	1	-	-	60V SUPPLY	86464J-()	5
44	MFR DISC	81331-01	1	-	-	TRANSFER & ALARM	86464F-()	5
45		81564-01	1	1	J-R	RECTIFIER	87205B-()	4,23
46		81577-01	1,2,6	1	C-F	AC-DC RINGING SUPPLY	86812B-()	4
47		81581-01	4	1	G,H	LOAD CAP PANEL	86808G-()	4
48	ABM ONLY	81599-01	1,2	1	C-F	+48V, DC, +10V AC APPLIQUE	86464K-()	4,26
49		81600-01	1,2,3,4	1	C-R	AC-DC RINGING SUPPLY	86464L-()	4
50		65742-01	4	6	G-H	REGISTER CONTROL UNIT	58829H-()	
51			8			TOUCH TONE TRANSLATOR	58829AC-()	1,14,20
52		65942-01	1			DSS AUX REG LINE	58829AA-()	1,14
53			2-5			DSS AUX REG LINE	58829AB-()	1,14
54		67027-01	1	1	U,V	TOUCH-TONE RCVR	58844A-()	1,20
55		66902-01	1	2	Y-AB X-AA	DIAL CONF TRK UNIT STA CONT	58829AD-()	1,16,17
56		66908-01	1	2	Y-AB X-AA	DIAL CONF TRK UNIT ATT CONT	58829AE-()	1,16,17
57		65752-01	2			AUX C. Q. TRK	58829AF-()	1,14
58		66909-01	1			STA DIAL TRANS	58829AG-()	1,14
59		66921-01	1					
60		66910-01	1			AUX POSITION CIRCUIT	58829AH-()	1,14
61		66911-01	1	4	AB	BUSY VERIF. AUX TRK UNIT	58829AJ-()	1,18
62		65752-01	6	5	AB	IND CAMP-ON C. Q. TRK	58829AK-()	
63	A & B ONLY	81719-01	1,2,3	1	A	DIAL TONE GEN.(404C) FOR PBX TOUCH-TONE CALLING	86464A-()	20
64		81719-01	1,2,3	1	A	"	86464L-()	20
65		65746-01				PREWIRED CABLE TERMINAL SECTION	58829AM-()	1,21
66		5E003-01	1			INWARD RESTRICTION UNIT	58829AL-()	1,14
67		5E010-01	1			EXTERNAL TRAFFIC REGISTERS	58857A-()	1,14
68		65741-01	3			LINE CUTOFF UNIT	58829AR-()	14,22
69			19,20,21			PAD CONTROL APPLIQUE	58829AS-()	1,14
70		5E021-01	1,2,3,4			STATION MESSAGE REGISTER	58829AP-()	1,14
71		5E029-01	1	2	AB	MAKE BUSY-BUSY DISPLAY	58829AN-()	24
72		81920-01	1	1	EF	-96V DC APPLIQUE	86464P-()	25
73		81326-02	1,3,4,5,6, 2			PWR SUPPLY FOR BATTERY RESERVE 60V/INVERTER, INTERRUPTER	86464M-()	27
74		81540-01	1			+48V,-96V & 10V AC SUPPLY		
75		81719-01	1,2,3			RECTIFIER	87211A-()	27
						DIAL TONE GEN.(404C) FOR PBX TOUCH-TONE CALLING	86464M-()	27

H1 K2 L6 N8

ORIGINAL ISSUE 2-22-63
SH 3,4,5 RENUMBERED FROM 2,3 & 4.
SH 2 ADDED IN TABLE A ITEMS 54
THRU 63, NOTES 16 THRU 20 & TABLE B
ADDED. SH 3,4,5 CHGD ACCORD.
A.T. & T. CO. CL: D
W.E. CO. CL: DD
1-10-65
3-23-66
TABLE A ITEM 64 ADDED, NOTE 21
ADDED.
NDD58829CG-1 A.T. & T. CO. CL: D
W.E. CO. CL: DD
3-23-66
C.A.B. 100
IN TABLE A ITEMS 65 & 66 ADDED
NDD58829CG-3 A.T. & T. CO. CL: D
W.E. CO. CL: DD
10-4-66
IN TABLE A ITEMS 67, 68 & NOTE 22
ADDED.
NDD58829CG-4 A.T. & T. CO. CL: D
W.E. CO. CL: DD
4-7-67
IN TABLE A, ITEM 69 & TABLE B,
FUSE DESIG AD TO A9 ADDED.
NDD58829CG-12 A.T. & T. CO. CL: D
W.E. CO. CL: DD
6-28-67
ITEMS 34 TO 40, 43 TO 45,
48, 62 RATING WAS STD ITEMS
70 TO 75 & NOTES 23 TO 27
ADDED. 'MBO' FUSE DESIG ADDED ON TBL. B.
NDD58829CG-16
A.T. & T. CO. CL: D
W.E. CO. CL: DD
4-5-68
8

SHEET INDEX			
SH. NO.	ISSUE		
1	7	8	
2	7	8	
3	6	8	
4	6	8	
5	6	8	

ED-65895-10 1J07 A.T. & T. CO. RATING
A.T. & T. CO. STANDARD
W.E. CO. RATING
STANDARD
PBX SYSTEMS
NO. 756A
EQUIPMENT DIAGRAM
AND INDEX
2
ED-65895-10
5 SHEETS, SHEET 1
WESTERN ELECTRIC COMPANY, INC. 65

TABLE B SLIDE & MTG PLT INFO ASSOC WITH J58829R-2 FUSE PANEL

FUSE DESIG	FUSE POS / PLT	ASSOC SLIDE/PLT	FUSE DESIG	FUSE POS/PLT	ASSOC SLIDE/PLT	
A	7B	Y	6AB	M	23B Y	1AA 6AA
AT0	7B	Z	4N 5Y	N	23T Y	6Z
AT1	7T	Z	4T 5Z	P	24B Y	6Z
AT2	8B	Z	4T 5AA	Q	24T Y	1AA 6J
AP1	7T	Y	5V	R	25B Y	6AB
AP2	8B	Y	SBD 5J	RA0	25T Y	6C
B	8T	Y	6AB	RA1	26B Y	6F
BT	9B	Y	4AA	R80	26T Y	4T 6C
C	9T	Y	6Z	RB1	27B Y	3N 6F
C00	8T	Z	4T 5B	RC0	27T Y	6C
C01	9B	Z	4T 5D	RC1	28B Y	6F
C02	9T	Z	4T 5F	S	28T Y	3V 6Q
C03	10B	Z	4T 5J	SO	12B Y	2F 4T
C04	10T	Z	4T 5J	S1	12T Y	2F 4T
C05	11B	Z	4N 5N	S23	13B Y	2G 4U
C06	11T	Z	4N 5Q	S45	13T Y	2H 4V
C07	12B	Z	4N 5S	S67	14B Y	2J 4W
C08	12T	Z	4N 5V	S89	14T Y	2K 4X
C09	13B	Z	4N 5V	SB	17B Z	SBD
D	10B	Y	6Z	SC	17T Z	SBD
E	10T	Y	6Y	SD	18B Z	SBD
F	11B	Y	6X	SE	18T Z	SBD
FA	13T	Z	2L 5J	SF	19B Z	SBD
FC1	15B	Y	1B	SG	19T Z	SBD
FC2	15T	Y	1B	T	17B Y	1AB
FT	16B	Y	1W 6S	TO	17T Y	4AA 6AB
G	16T	Y	2L 6T	T1	18B Y	4AA 6AA
H	21B	Y	2L 6C	T80	23B Z	2N
J	21T	Y	6R	T81	23T Z	2N
JT0	14B	Z	3T	T82	24B Z	2N
JT1	14T	Z	3T	T83	24T Z	2N
JT2	15B	Z	3U	T84	25B Z	2N
JT3	15T	Z	4Y	T85	25T Z	2P 3V
JT4	16B	Z	4Y	T86	26B Z	2P 3V
JT5	16T	Z	3U	T87	26T Z	2P 3V
K	22B	Y	6R	T88	27B Z	2P 3V
L	22T	Y	1AA 6AA	T89	27T Z	2P 3V
L2	20B	Z	2P 6Z	TR	18T Y	1W
L3	20T	Z	2L 6Z	UA	19B Y	6V
L4	21B	Z	3L 6Z	UB	19T Y	6V
L5	21T	Z	3L 6Z	X	20T Y	6U
L6	22B	Z	4L 6Z	Y	20B Y	6U
L7	22T	Z	4L 6Z	IR	6T Y	EXTERNAL
TTA	6T	Z	1A	DSS	28T,B Z	EXTERNAL
TTB	6B	Z	1A	Z	6B Y	EXTERNAL
A0	2T	Z	EXTERNAL	MBD	1T Z	2 AB
A1	3T	Z	EXTERNAL			
A2	4T	Z	EXTERNAL			
A3	5T	Z	EXTERNAL			
A4	2B	Z	EXTERNAL			
A5	3B	Z	EXTERNAL			
A6	4B	Z	EXTERNAL			
A7	5B	Z	EXTERNAL			
A8	3T	Y	EXTERNAL			
A9	3B	Y	EXTERNAL			

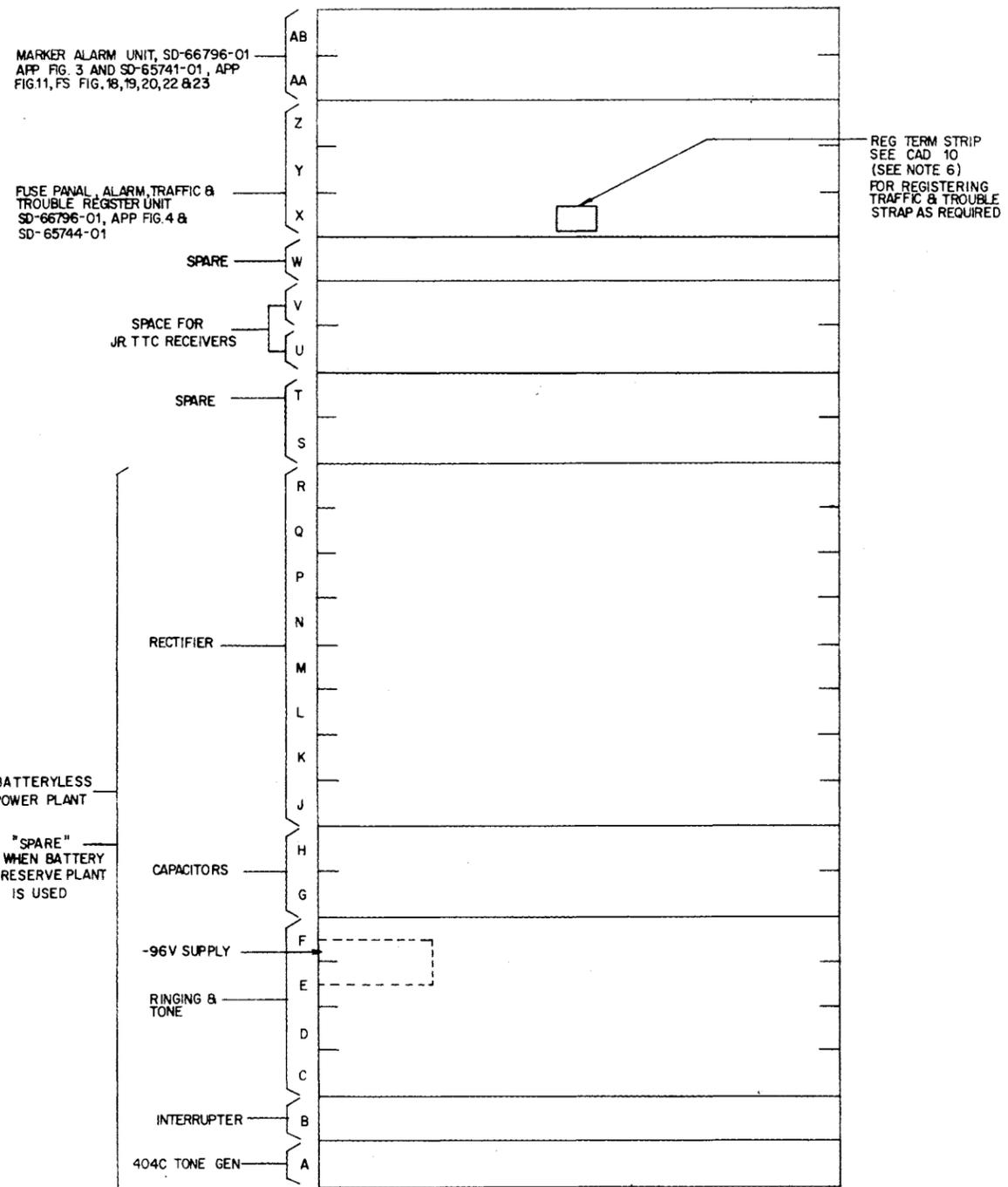
NOTES:

- OPTIONAL EQUIPMENT
- MOUNTED IN MANUAL PBX SECTION, WHEN PROVIDED.
- SD-65743-01 IS RATED M.D. & REPLACED BY SD-66796-01.
- COMMERCIAL AC SERVICE - NO BATTERY RESERVE.
- EQUIPMENT REQUIRED FOR BATTERY RESERVE OPERATION, LOCATED IN BATTERY MODULE, MD J58829U-(), IN ADDITION TO STANDARD COMMERCIAL AC SERVICE.
- INTER-SLIDE WIRING & CONNECTIONS ON TERMINAL STRIPS ARE SHOWN ON SD-65746-01.
- LINE CIRCUITS 20-29 MAY BE USED FOR CONNECTING TIE TRUNKS TO THE PBX. IN THIS CASE THE CIRCUITS ARE NUMBERED 80-89.
- WHEN FIRST TRUNK OR CONFERENCE UNIT IS INSTALLED, STRAPPING ON DP REG TERMINAL STRIP IN SLIDE 6, MUST BE CHANGED. SEE CAD 6.
- CABLING DIAGRAMS FOR TIE TRKS & CONF UNITS ARE SHOWN ON THEIR ASSOCIATED "SD" DRAWINGS.
- WHEN A CONF UNIT IS INSTALLED, USE MTG PLT POS AB-Y AA-X AS REQD TO MINIMIZE THE EFFECT OF INDUCTION FROM POWER EQUIPMENT.
- WHEN TIE TRKS ARE INSTALLED IN SLIDE 3, OPTIONAL STRAPPING ON TIE TRK ADAPTER TERMINAL STRIPS IN SLIDE 2 MUST BE ADDED OR REMOVED AS REQUIRED.
- WHEN PLUG-IN RD TIE TRK UNITS ARE INSTALLED, CHANGE STRAPPING ON TRK HUNTING TERMINAL STRIP ON SLIDE 4 (SEE CAD 7) & DIAL PULSE REG TERM STRIP ON SLIDE 6 (SEE CAD 5).
- CABINET & SLIDE EQUIPMENT CODES ARE AS FOLLOWS:
 J58830A-() - SUMMARIZING SPECIFICATION
 J58829A-() - EQUIPMENT & PLUG-IN CABLES
 J58829B-() - #1 SLIDE
 J58829C-() - #2 SLIDE
 J58829D-() - #3 SLIDE
 J58829E-() - #4 SLIDE
 J58829F-() - #5 SLIDE
 J58829G-() - #6 SLIDE
- MOUNTED EXTERNAL TO PBX AS DIRECTED BY TEL CO
- SD-65752-01 FIG 5 SHALL BE INSTALLER WIRED & MOUNTED AS DIRECTED BY TEL CO
- WHEN CONFERENCE UNIT (STA CONT OR ATT CONT) IS INSTALLED, OPTIONAL STRAPPING ON THE TIE TRUNK ADAPTER TERMINAL STRIP IN SLIDE 2 MUST BE ADDED OR REMOVED AS REQUIRED.
- ONE KS-16785 L-4 PLUG AT REAR WIRING SIDE OF SLIDE 2, PLATE POS "Y"X" WILL FACILITATE THE INSTALLATION OF THE DIAL CONF TRK UNIT (STA OR ATT CONTROLLED)
- ONE KS-16785 L-4 PLUG AT REAR WIRING SIDE OF SLIDE 4, PLATE POS "AB" WILL FACILITATE THE INSTALLATION OF THE BUSY VERIFICATION UNIT. THIS PLUG SHALL BE FITTED WITH A KS-16786 L-4 CONN STRAPPED PER SD-66920-01-CAD 2 WHEN BUSY VERIFICATION UNIT IS NOT REQUIRED.
- ONE KS-16689 L-3 PLUG AT REAR WIRING SIDE OF SLIDE 5 PLATES G,K,T, & W WILL FACILITATE THE INSTALLATION OF PLUG-IN C.O. TRUNKS.
- WHEN PROVIDING TOUCH-TONE CALLING ON EXISTING PBX'S THE 404C TONE GEN MUST ALSO BE PROVIDED, SEE SD-65746-01 ISS 23.
- THE FRAMEWORK IS DESIGNED TO ATTACH TO EITHER END OF A 756A PBX THAT IS EQUIPPED WITH SLIDE-OFF CROWN COVERS. TEL CO TO DETERMINE WHICH END TO BE EQUIPPED.
- TO BE PROVIDED ONLY WHEN 60B SWBD IS REQUIRED WITH PBX.
- J87205B() RECTIFIER IS RATED "MFR DISC" REPLACED WITH KS-19642 RECTIFIER.
- BUSY DISPLAY STANDARD UNIT IS ALWAYS PROVIDED PER J58829A-LIST 52 OR 53 OR LATER. BUSY DISPLAY A&M VERSION (FOR FIELD MODIFICATION) SHALL BE MOUNTED ON SLIDE 2 AS NEAR TO THE TOP AS FEASIBLE.
- ONE J86464P-() REQUIRED FOR MAKE BUSY-BUSY DISPLAY MOUNTED ON J86464L FOR BATTERYLESS AND ON J86464A(MD) AND J86464M FOR BATTERY RESERVE.
- EQUIPMENT REQUIRED FOR BATTERY RESERVE OPERATION LOCATED ON SLIDE 1 OF LEFT MODULE.
- EQUIPMENT REQUIRED FOR BATTERY RESERVE OPERATION LOCATED IN BATTERY RESERVE MODULE PER J86464M-().

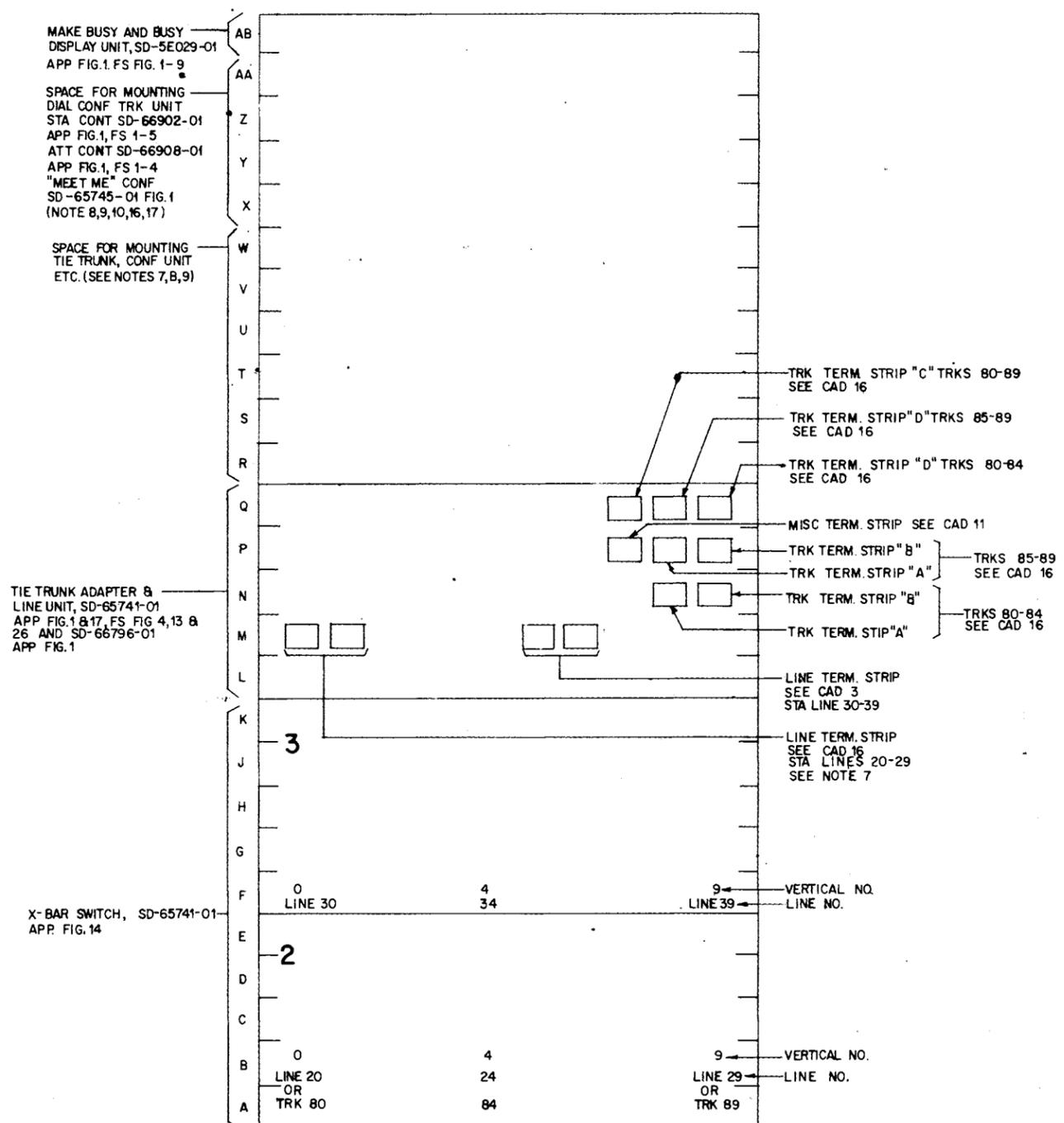
DWG
ISSUE
3
4
5
6
7
8

8

DWG
ISSUE
1
2
3
4
5
6
8



SLIDE 1



SLIDE 2

DWG
ISSUE
1
2
3
4
5
6
7
8

SPACE FOR MOUNTING TIE TRUNKS
CONF UNIT ETC. (SEE NOTES 10 & 11)

SEL. MAG CONTROL RELAY
SD-65741-01, APP FIG. 15, FS 13

JUNCTOR, SD-65750-01
APP FIG. 1

X-BAR SWITCH, SD-65741-01,
APP FIG. 13

LINE UNIT, SD-65741-01, APP FIG. 2
FS FIG. 1 & 4

X-BAR SWITCH, SD-65741-01,
APP FIG. 13

SPACE FOR BUSY VERI-
FICATION AUX. TRK
SD-66911-01 FIG. 1, FS 1
(NOTE 18)

BUSY TONE TRUNK
SD-65754-01 &
SEL. MAG CONT. REL.
SD-65741-01, APP FIG. 16
FS FIG. 13

TRUNK CONN. UNIT, SD-65741-01
APP FIG. 6, FS FIG. 4

JUNCTOR, SD-65750-01

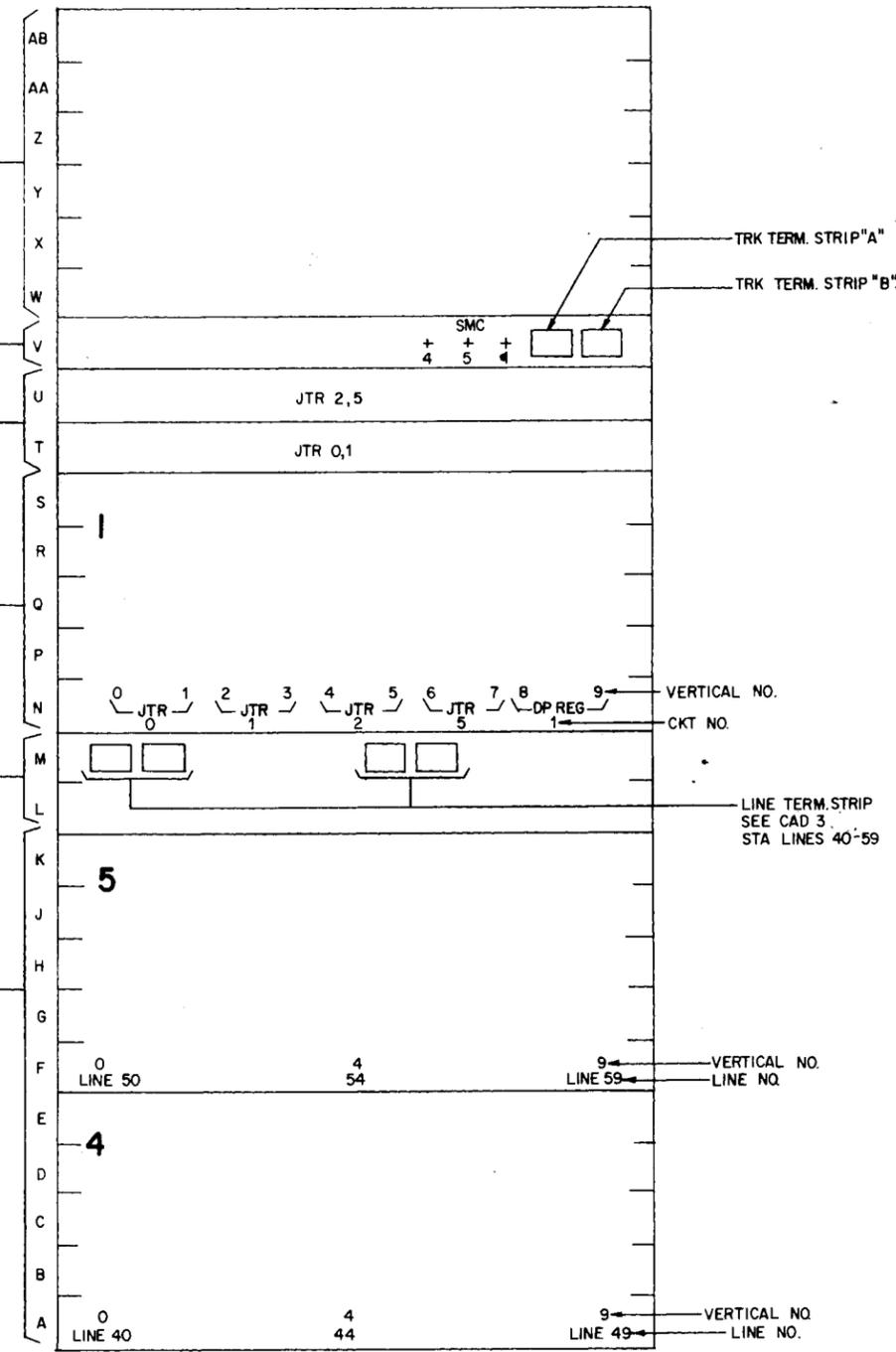
TRK TERM. STRIP "A" } TRK TERM. 85-89
TRK TERM. STRIP "B" } SEE CAD 16
SEE NOTE 11

X-BAR SW
SD-65741-01
APP FIG. 12

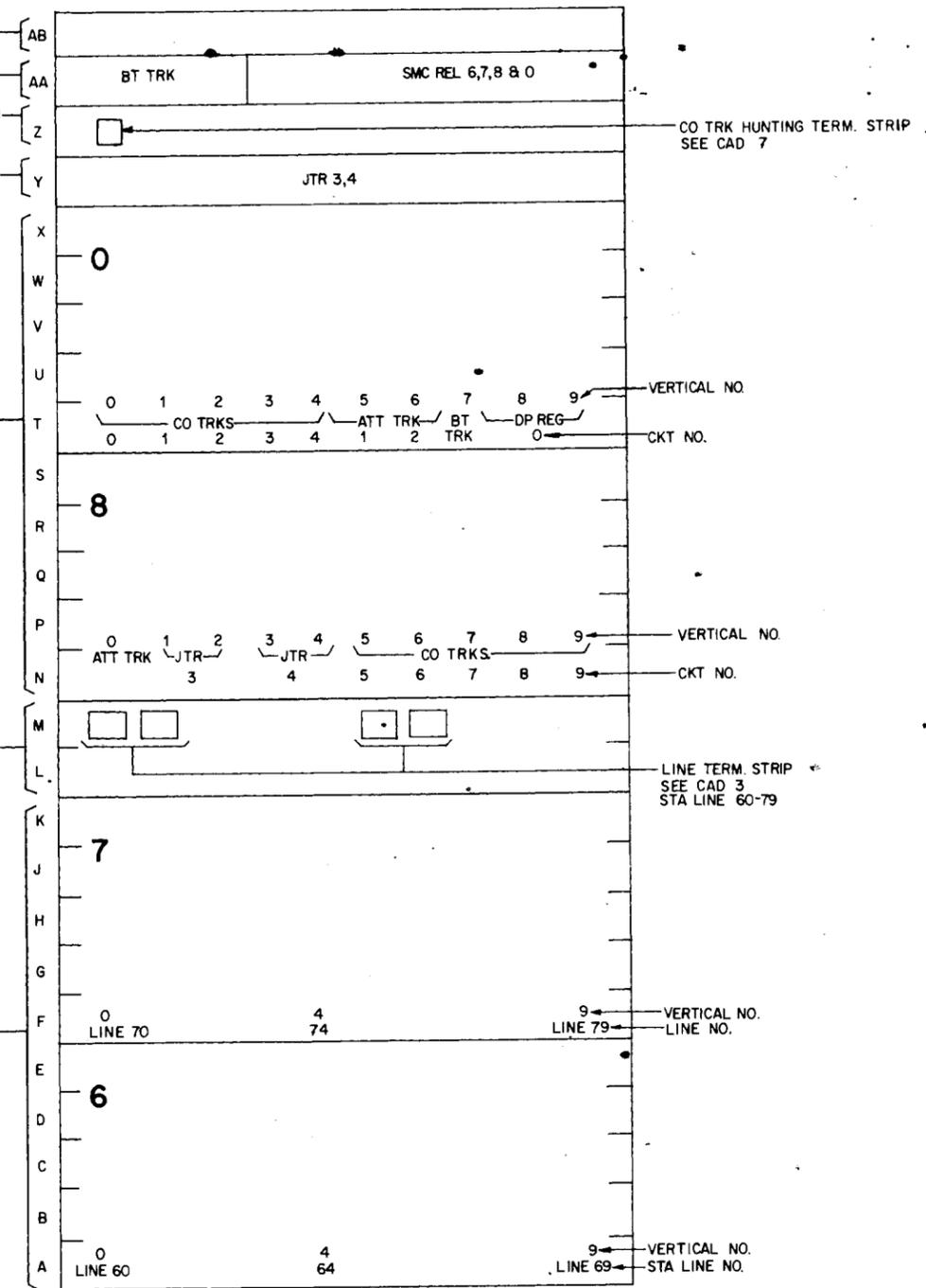
LINE UNIT
SD-65741-01
APP FIG. 2
FS FIG. 1 & 4

PROVIDED
ON 60 LINE
PBX ONLY

X-BAR SWITCH
SD-65741-01
APP FIG. 12

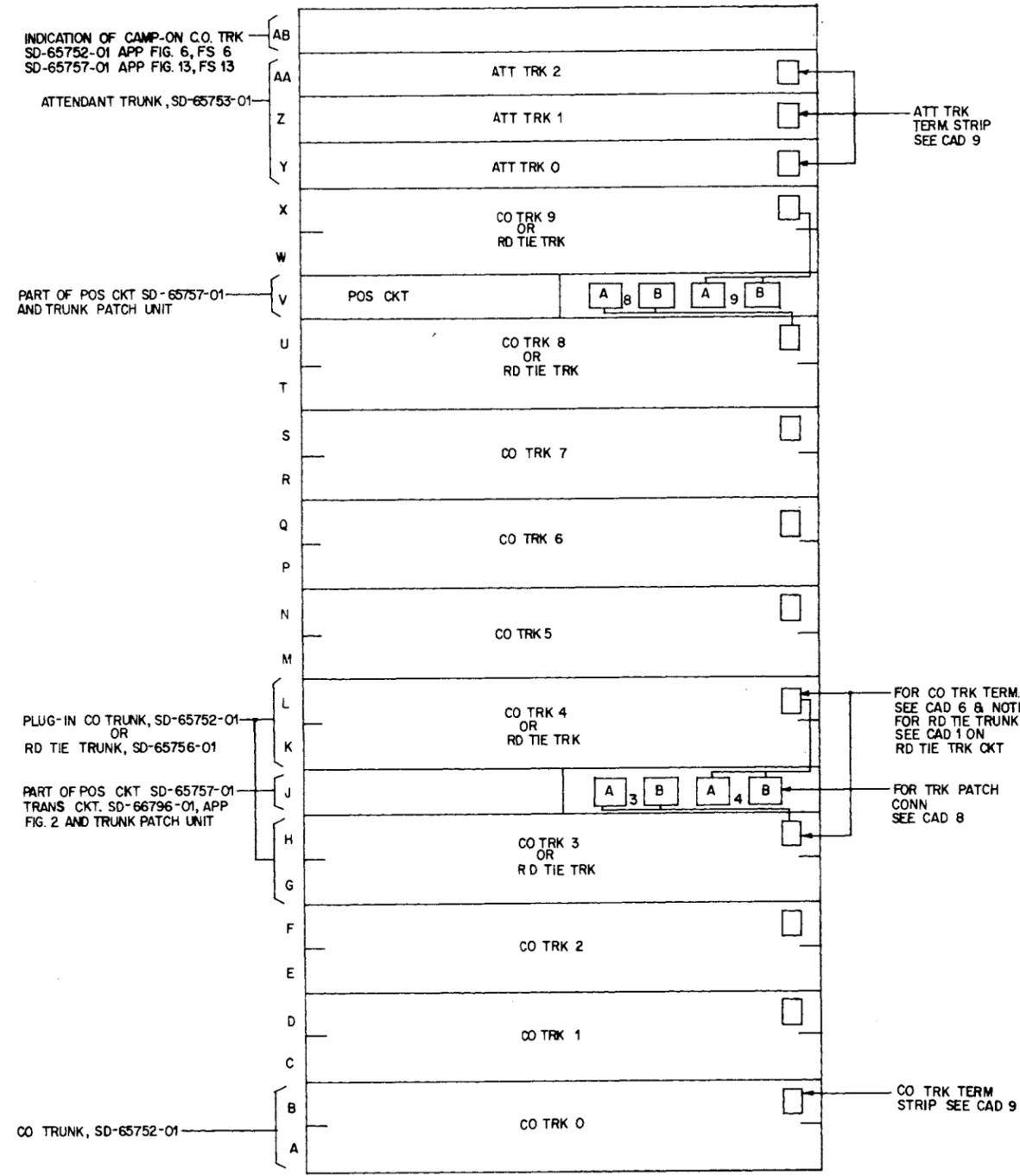


SLIDE 3

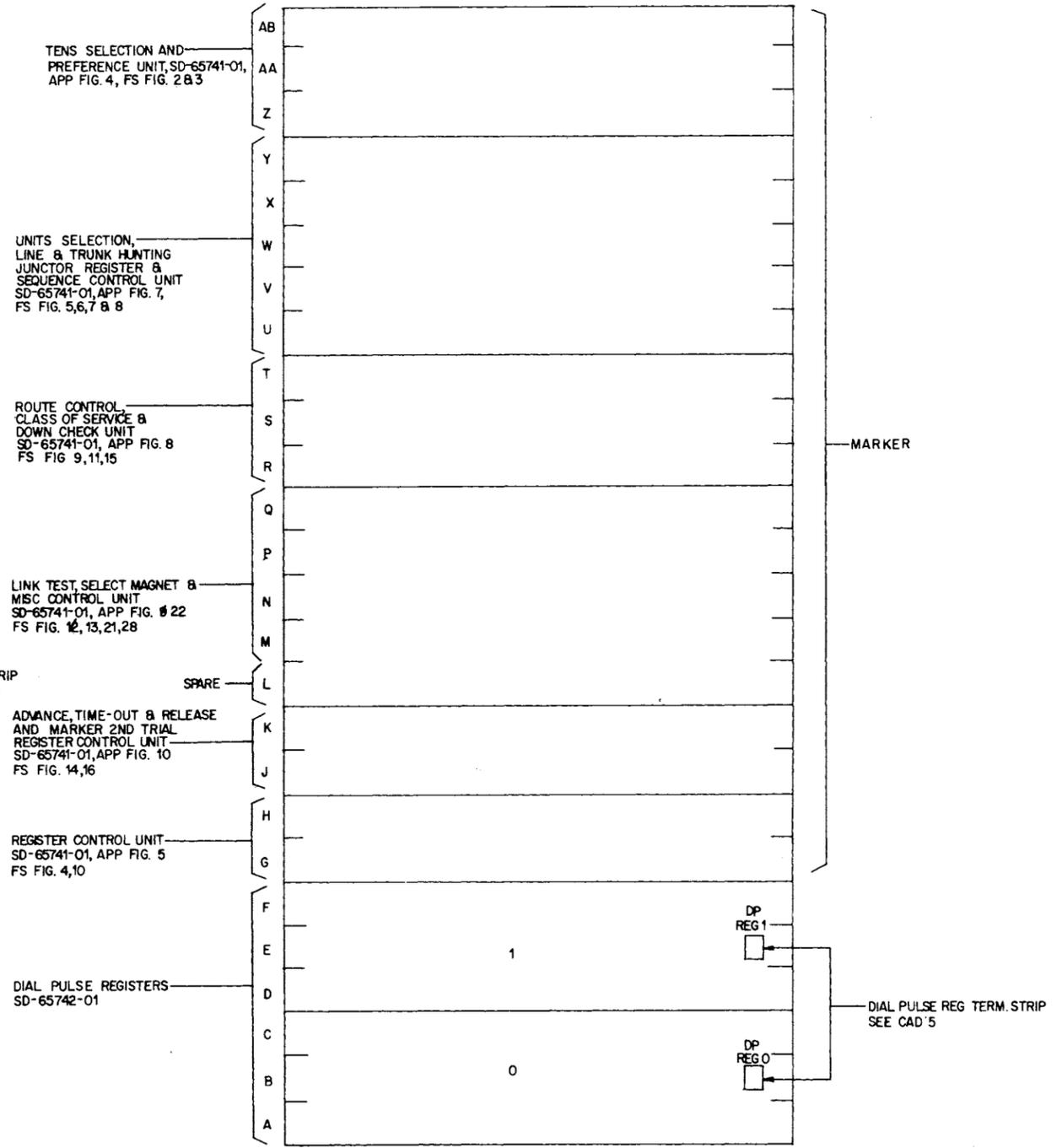


SLIDE 4

DWG
ISSUE
1
2
3
4
5
6
8



SLIDE 5



SLIDE 6