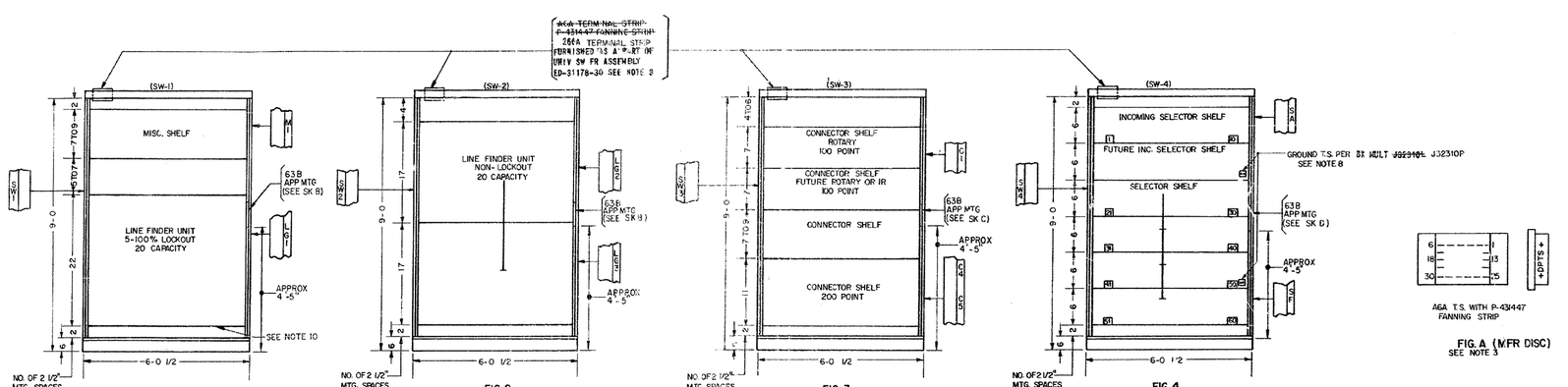

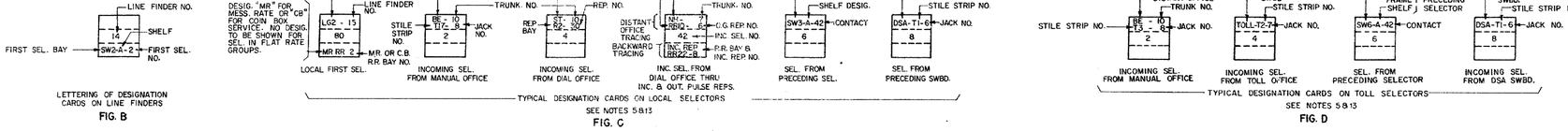

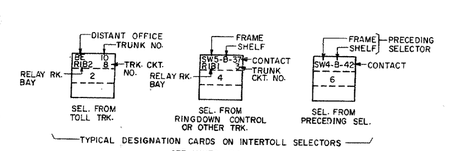

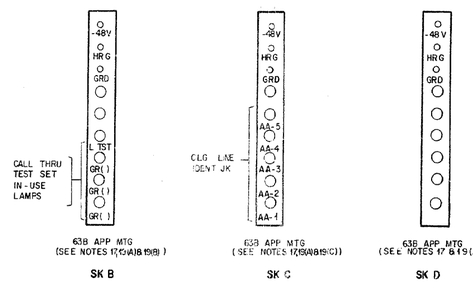

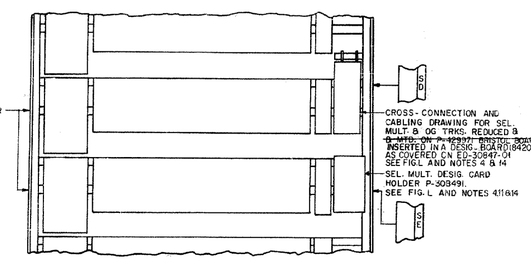

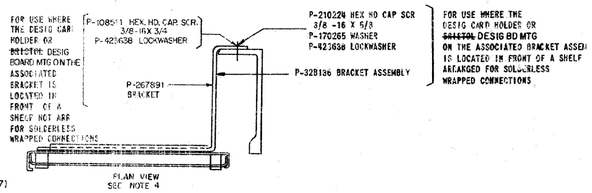

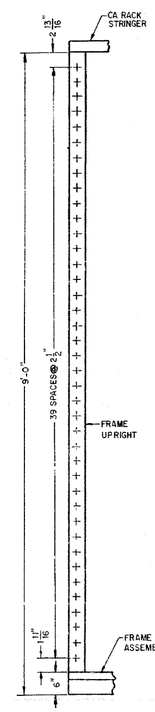

NOTES

1. SWITCH FRAME DESIGNATIONS SHALL BE STAMPED ON LEFT UPRIGHT OF EACH FRAME IN A LOCATION APPROX 51"-6" FROM FLOOR, IN ACCORDANCE WITH STANDARD PRACTICES. FRAME DESIGNATIONS SHOWN IN PARENTHESES ARE FOR USE IN LOCATING EQUIPMENT SHOWN HEREON.
2. AUXILIARY ALARM AND TEST ~~EQPT PER ED-30664-30~~ ED-31276-10 AS REQ'D SHALL BE FURNISHED FOR THE SWITCH FRAMES AND LOCATED ON A SHELF AT A CONVENIENT HEIGHT FROM THE FLOOR.
3. **ONE TERM STRIP FOR USE AS A DPTS IS PROVIDED WITH EACH SWITCH FRAME AND IS COVERED IN THE STOCKLIST OF THE SWITCH FRAME ASSEMBLY DRAWING,** FOR DPTS TERM ASSIGNMENT SEE T-6469354
4. THE SEL MULT DESIG CARD HOLDER AND ~~CROSS~~-CONNECTION AND CABLING DRAWING SHALL BE MOUNTED AS SHOWN IN FIGS. K & L AND LOCATED AS INDICATED OR AT AS CONVENIENT A HEIGHT AS THE FRAME EQUIPMENT WILL PERMIT. THIS HOLDER SHALL BE AVAILABLE FOR USE WITH ALL ADDED SHELVES WHETHER ON **ADDED OR EXISTING FRAMES, AND IN THE CASE OF EXISTING FRAMES, ANY MULTIPLE DESIGNATION CARD HOLDERS, OTHER THAN P-308491 MOUNTED THEREON, SHALL BE REMOVED AND INSTEAD THE P-308491 CARD HOLDER PER FRAME USED AND THE SEL MULT DESIG CARD INFORMATION TRANSFERRED TO THE P-308491 CARD HOLDER PER FRAME BY FILLING OUT NEW SEL MULT DESIG CARDS.**
5. THE SHELF LETTER IN THE BACKWARD TRACING ON THE DESIGNATION CARDS ON SELECTORS AND CONNECTORS SHALL CORRESPOND WITH THE BANK MULTIPLE T.S. FOR THE DIV OF PRECEDING SELECTORS TO WHICH THE JUMPER OR SWITCHBOARD CABLE CONNECTS.
6. THE FOLLOWING SHELF DESIGNATIONS SHALL BE STAMPED ON THE RIGHT FRAME UPRIGHT AS OUTLINED IN BSP-AA613.011.

SHELVES	DESIGNATION
LINE FINDER	L G 1 , L G 2 ETC.
TRUNK FINDER	T G 1 , T G 2 ETC.
SELECTORS	S A , S B ETC (ON EA. SH.)
SELECTOR REPEATERS	S C , S D ETC (ON EA. SH.)
CONNECTOR	C 2 , C 3 ETC. (NBRS. INDICATE NBS. GROUP AND ARE CONSECUTIVE THROUGHOUT OFFICE.)
REPEATERS	P 1 , P 2 ETC.
MISCELLANEOUS	M 1 , M 2 ETC.

WHEN AN ENTIRE SHELF IS ASSIGNED TO ANY ONE CLASS OF SERVICE EQUIPMENT WHICH IS NORMALLY INCLUDED ON A MISCELLANEOUS SHELF, THESE SHALL BE DESIGNATED AS FOLLOWS:

TEST DISTRIBUTOR	T 0 , T 1	ETC.
REVERTING CALL	R 1 , R 2	ETC.
CONF CONTROL SELECTOR	C 1 , C 2	ETC.
MISC. TRUNKS	T K , T K 1 , T K 2	ETC.

ALL SHELVES OF THE SAME CLASS (E.G. C.R.M. ETC.) EXCEPT SELECTORS AND SELECTOR REPEATERS SHALL BE NUMBERED CONSECUTIVELY THROUGHOUT THE OFFICE. SELECTOR AND/OR SELECTOR REPEATER SHELVES SHALL BE LETTERED CONSECUTIVELY A, B, C ETC. ON EACH FRAME REGARDLESS OF WHETHER EACH SHELF IS A SINGLE OR DOUBLE SELECTOR SHELF OR A SELECTOR REPEATER SHELF. SEE TYPICAL EXAMPLES IN FIGS 1, 2, 3 AND 4.

7. CONNECTOR AND MISCELLANEOUS SWITCHES AND SHELF MOUNTED TRUNKS SHALL BE NUMBERED ONE UP ON EACH SHELF EXCEPT OF COURSE THE TEST CONNECTOR IN EACH HUNDRED WHICH IS DESIGNATED "TEST". THIS APPLIES TO MISCELLANEOUS SHELVES HAVING TWO OR MORE TYPES OF SWITCHES, WHERE ALL SWITCHES ON A SHELF SHALL BE NUMBERED IN ONE SERIES, ONE UP. SELECTORS AND REPEATERS, HOWEVER, SHALL BE NUMBERED ONE UP ON EACH FRAME, REGARDLESS OF WHETHER THE SHELVES OF EACH TYPE ARE ADJACENT, OR WHETHER THE SELECTORS ARE ON SINGLE OR DOUBLE SHELF UNITS. TYPICAL EXAMPLES ARE ILLUSTRATED IN FIGS. 1, 2, 3 AND 4.
8. FOR TEMPORARILY BUSYING SELECTOR MULTIPLE TRKS FOR MAINTENANCE PURPOSES BY THE USE OF 3'-6" LONG ~~WIR~~ WIRE CORD, GROUND TS. SHALL BE MOUNTED AT THE BOTTOM OF THE BANK TERMINAL STRIPS OF SINGLE & DOUBLE SELECTOR SHELF UNITS ON ALL FRAMES IN ACCORDANCE WITH THE ARRANGEMENTS INDICATED IN FIGS. 9. A ~~20th~~ 22BH BLACK MULT GROUND WIRE SHALL BE RUN FROM THE GROUND TERM STRIPS TO ONE OF THE GROUND PUNCHINGS ON THE TOP AUX O.G. TERM STRIP, THROUGH THE SHELF FANNING RINGS ALONG WITH THE INTERSHELF MULT WIRING. IF THE INDICATED SHELVES ARE NOT EQUIPPED, THE NEAREST APPROPRIATE EQUIPPED SHELVES SHALL BE UTILIZED UNTIL THE INDICATED SHELVES ARE LATER INSTALLED.
9. **FOR STORING THE CORDS REQUIRED PER NOTE 8 AND SUCH CORDS REQUIRED FOR BUSYING SUBSCRIBER LINES AT LINE FINDER UNITS OR REQ'D FOR ROT MTG CONN OFL REGISTRATION, CORD SUPPORTS PER P-421372 SHALL BE PROVIDED AND LOCATED ON ALTERNATE ENDS OF SUCCESSIVE FRAME AISLES CONTAINING THIS EQUIPMENT, EXCEPT THAT THESE SUPPORTS SHALL NOT BE LOCATED ON A FRAME UPRIGHT HAVING A FUSE HOLDER.**
10. WHERE NECESSARY THE 20 CAPACITY LOCKOUT LINE FINDER UNIT MAY BE LOWERED ON THE FRAME TO ALLOW FOR THE ADDITION OF ANOTHER SHELF BELOW THE MISC. SHELF.
11. A CARD HOLDER ASSEMBLY P-308491 AND 5 CARDS PER ~~P-308490~~ P-406182 TO P-406186 INCLUSIVE, SHALL BE AVAILABLE ON EACH SEL FRAME (SEE NOTE 4). ORDERING OF DESIG CARDS MAY BE MADE FROM DWG H-909-693. FOR METHOD OF FILLING OUT SEL MULT DESIG CARDS SEE ~~ED-31284-01~~ ED-31284-02.
12.
13. FOR USE WITH INCOMING SELECTORS, SELECTOR-REPEATERS AND ~~REPEATERS, A TRANSPARENT RED TINTED PLASTIC SHEET DESIGNATION~~ CARD COVER PER P-406869 IS AVAILABLE FOR INSERTING OVER THE SWITCH DESIGNATION CARD TO SERVE AS A REMINDER WHERE REQUIRED THAT IF THE SWITCH IS TO BE MADE BUSY THIS MUST BE DONE AT THE PRECEDING EQUIPMENT. (CONT'D AT LEFT)

NOTES (CONT'D)

13. (CONT'D)
USUALLY IN THE DISTANT OFFICE. THESE COVERS MAY BE APPLIED BY THE INSTALLER OR TELEPHONE COMPANY, AS REQUIRED, EACH, IN GENERAL, UTILIZING THEIR OWN SUPPLIES FOR THE PURPOSE. THE COVERS ARE AVAILABLE IN PACKAGE LOTS OF 100.
14. IF ON ANY FRAME THE NUMBER OF AUX O.G. TERM STRIPS IS SUCH AS TO MAKE IT IMPOSSIBLE TO MOUNT EITHER OR BOTH THE SELECTOR MULTIPLE DESIGNATION CARD HOLDER AND CROSS-CONNECTION AND CABLING DRAWING AS SHOWN IN FIGS. K & L ONE OR TWO "L" SHAPED BRACKETS PER P-406891 SHALL BE FURNISHED AS REQUIRED IN PLACE OF P-267891 OR P-328136 BRACKETS, AND SECURED TO THE FRAME UPRIGHT IN THE SAME MANNER. THE CARD HOLDER AND/OR DRAWING IS MOUNTED ON THIS BRACKET IN A PLANE PERPENDICULAR TO THE SHELF, BETWEEN THE BRACKET AND AUX O.G. TERM STRIP AND FACING THE TERMINAL STRIP.
15. FOR EQUIPMENT MOUNTING PURPOSES, THE 9'-0" SWITCH FRAME IS CONSIDERED TO HAVE 40-2 1/2" MOUNTING SPACES. THIS IS OBTAINED BY INCLUDING THE 2 13/16" SPACE BETWEEN THE CABLE RACK STRINGER AND THE TOP 2 1/2" MOUNTING SPACE DRILLING IN ADDITION TO THE FRAME UPRIGHT **39**-2 1/2" DRILLED SPACES (SEE SKETCH A). SIMILARLY, THE 7'-0" SWITCH FRAME IS CONSIDERED TO HAVE 30-2 1/2" MOUNTING SPACES BUT THE SPACE BETWEEN CABLE RACK STRINGER AND TOP 2 1/2" MOUNTING SPACE DRILLING IS 3 15/16" INSTEAD OF 2 13/16". HOWEVER, IF JOB ARRANGEMENTS WILL PERMIT, IT IS DESIRABLE TO LEAVE AT LEAST ONE 2 1/2" SPACE AT THE TOP AND BOTTOM OF THE FRAME. THE NUMBER OF 2 1/2" SPACES REQUIRED FOR ANY PARTICULAR SWITCH SHELF IS INDICATED ON THE EQUIPMENT SHELF DRAWING.
16. WHEN A SWITCH SHELF ARRANGED FOR SOLDERLESS WRAPPED CONNECTIONS (OTHER THAN LINE OR TRUNK FINDER SHELF UNIT) IS MOUNTED IMMEDIATELY BELOW A UNIVERSAL TYPE SWITCH SHELF NOT ARRANGED FOR SOLDERLESS WRAPPED CONNECTIONS (OTHER THAN LINE OR TRUNK FINDER SHELF UNIT), THE SWITCH IN POSITION 1 OF THE SOLDERLESS WRAPPED CONNECTIONS TYPE SHELF SHALL BE REMOVED AND 1/8 INCH SHALL BE REMOVED FROM THE FOUR MOUNTING TABS ON THE SWITCH BASE PRIOR TO THE SHELF BEING MOUNTED ON THE SWITCH FRAME. THIS WILL PERMIT THE REMOVAL AND REPLACING OF SWITCHES IN POSITION 1 OF THESE SHELVES.
17. (A) FOR METHOD OF MOUNTING 63B APP MTG SEE ED-31178-30.
(B) FOR ORDERING INFORMATION SEE ED-32370-10.
18. WHEN A LINE OR TRUNK FINDER SHELF UNIT IS MOUNTED DIRECTLY ABOVE OR BELOW A SHELF WITH REMOVAL SWITCHES (OTHER THAN ANOTHER LINE OR TRUNK FINDER SHELF UNIT), AN ADDITIONAL 2 1/2 INCH FRAME MOUNTING SPACE SHALL BE ALLOWED BETWEEN THE SHELF UNITS TO PERMIT SATISFACTORY REMOVAL AND REPLACEMENT OF SWITCHES OR SWITCH COVERS FROM THE LOWER SHELF UNIT.
19. (A) TEST POST WIRED PER SD-32153-01
(B) CALL THRU TEST SET IN-USE LAMPS WIRED PER SD-32194-01
(C) CALLING LINE IDENTIFICATION JACKS WIRED PER SD-32533-01.

F1	H2	J4				

10-29-59 — 1
IN NOTE 11 "P-328490" READ "P-428490" 6-26-59 A.T.&T. CO. WE.CO. CL.D

2
IN NOTE 2 REF TO "ED-30684-30" LINED OUT & "ED-31276-10" ADDED. NOTE 3 READ "ONE ABR TERM STRIP WITH ONE P-431447 FANNING STRIP FOR USE AS A DPTS IS PROVIDED IN THE S.L. OF EACH SWITCH FRAME & EACH RELAY RACK." NOTE 12 RMVD & READ "THE 200 POINT CONN SHELF IS NOT YET AVAILABLE AT THE TIME THIS DWG IS ISSUED. NOTE 16 ADDED. IN FIGS 1,2,3 & 4 DPTS REFERENCE FOR TERMINAL STRIP P-431447 FANNING STRIP" LINED OUT & "ABR4 TERM STRIP" ADDED. IN FIG. C, INC SEL FROM PRIMARY REP, REF TO "PR BOX" & "DISTANT OFFICE" ADDED. IN FIG. L "HEX PART MTG INFO FROM "SOLDERLESS WRAPPED TYPE SHELVES" ADDED. IN FIG. L SUB TITLE REF TO "OR P-328136 BRKT ASSEMBLY ADDED FIG A NOTED "NO." A.T.&T. CL.D W.E. CO. CL.D 8-9-61

3
"NOTE 15 THE FIRST 3 SENTENCES WERE ONE SENTENCE AND READ "THE CAP OF THE 9'0" SW FR IS 40-2½ SPACES" IN FIG. 1, 2 & 4 REF TO NOTE ADDED SK A ADDED A.T.&T. CL. NONE W.E. CL.D 4-4-63

4
SECOND SENTENCE OF NOTE 4 READ "THIS HOLDER SHALL BE AVAILABLE FOR USE WITH ALL NEW SHELVES WHETHER ON NEW OR EXISTING FRAMES, AND IN THE CASE OF EXISTING FRAMES ANY MULTIPLE DESIGNATION CARD HOLDERS MOUNTED ON EXISTING SHELVES SHALL BE REMOVED AND THE INFORMATION TRANSFERRED TO THE CARD HOLDER PER FRAME, EITHER BY TRANSFERRING THE EXISTING CARDS (TRIMMING AS REQUIRED TO TAKE COMBINED LENGTH OF 2 CARDS 4½) OR FILLING OUT NEW CARDS WHICHEVER IS MORE SUITABLE IN EACH CASE." NOTE 11 READ "A CARD HOLDER ASSEMBLY P-308491 AND 5 CARDS PER P-308490 SHALL BE FURNISHED ON EACH NEW SELECTOR FRAME. FOR METHOD OF FILLING OUT SELECTOR MULTIPLE DESIGNATION CARDS, SEE ED-31284-01" 35-E-97 ADDED TO TITLE & DRAWING RATING. A.T.&T. CO. CL.D W.E. CO. CL.DD 2-25-64

5
IN FIG. 4, SEL SW NBQ 21 TO 60 READ 1 TO 40 RESR A.T.&T. CO. CL.D W.E. CO. CL.DD 7-7-67

6
IN FIGS. 1 TO 4 LOCATING INFO FOR 63B APP MTG ADDED. NOTE 17 & 18 ADDED A.T.&T. CO. CL.D 2-15-71 W.E. CO. CL.DD

7
NOTES 17, 18 & 19; SK B, C & D; IN FIG 1-4 REF TO "SK B, C & D" & IN FIG. A REF TO "DESIG BOARD" ADDED. "BRISTOL BOARD" LINED OUT. A.T.&T. CL.D W.E. CL.DD 8-18-76

8

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STEP BY STEP SYSTEMS NO 355A OR 35-E-97 TYPICAL EQUIPMENT ARRANGEMENTS FOR SWITCH FRAMES ARRANGED TO MOUNT LINE FINDER, SELECTOR, CONNECTOR AND MISCELLANEOUS SWITCH UNITS				ED-31292-10

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