KS-19442 TELEPHONE BOOTH
IDENTIFICATION AND INSTALLATION

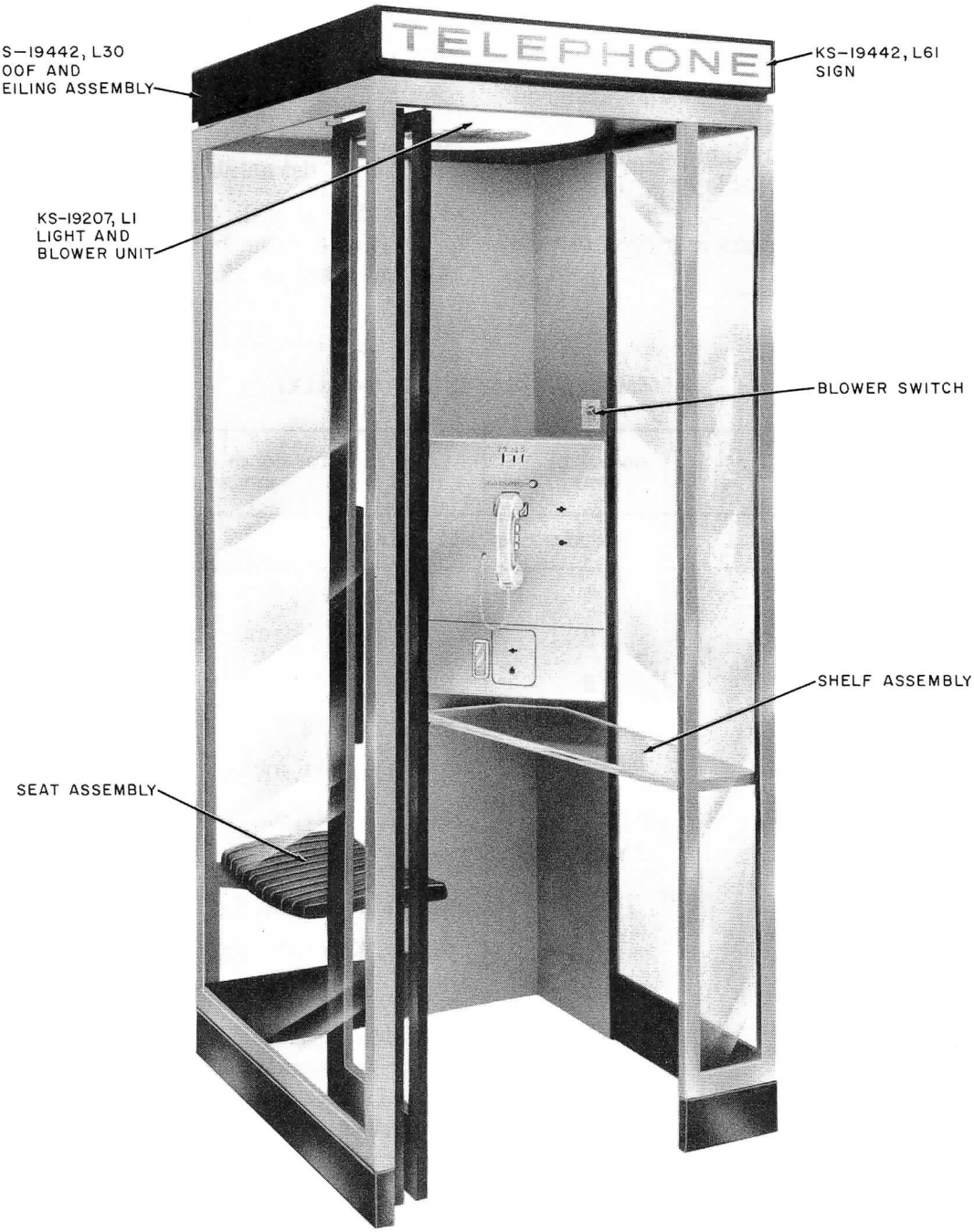


Fig. 1 — KS-19442 Deluxe Telephone Booth

1. GENERAL

1.01 This section is reissued to:

- Reflect minor changes in design.
- Revise installation procedures.
- Revise illustrations.

1.02 This booth is a deluxe type unit designed for sit-down service (Fig. 1). It is of metal and glass and may be used singly or in various multiple arrangements. See Table A.

1.03 Due to extensive changes marginal arrows have been omitted.

1.04 Metal strips or appliques are attached to the basic booth framework to provide a variety of finishes. These strips are either snapped or crimped in place and are available in stainless steel, satin-finished anodized aluminum, medium bronze-colored anodized aluminum, or unfinished bronze.

1.05 This booth has been designed so that it is adaptable to various multiple arrangements (side-by-side and/or back-to-back). Any of the multiple arrangements may be expanded by the addition of list numbered units.

1.06 The overall dimensions of a single booth is 34 inches by 34 inches. These dimensions are increased by 33.1 inches for each unit added.

TABLE A

ASSEMBLY AND UNIT LIST NUMBERS

LIST NO. OF COMPLETE ASSEMBLY (FOR ORDERING)	NUMBER OF UNITS	LIST NO. OF UNITS REQUIRED
SIDE-BY-SIDE MULTIPLE ASSEMBLIES		
1	1	31
2	2	33 and 32
3	3	33, 41, 42
4	4	33, 41, 43, 32
5	5	33, 41, 43, 41, 42
6	6	33, 41, 43, 41, 43, 32
7	7	33, 41, 43, 41, 43, 41, 42
8	8	33, 41, 43, 41, 43, 41, 43, 32
9	9	33, 41, 43, 41, 43, 41, 43, 41, 42
10	10	33, 41, 43, 41, 43, 41, 43, 41, 43, 32
–	–	List 34 — used to expand existing installations
BACK-TO-BACK MULTIPLE ASSEMBLIES		
12	2	35, 36
14	4	two 37, two 38
16	6	two 37, 39, 40, two 38
18	8	two 37, two 39, two 40, two 38
20	10	two 37, three 39, three 40, two 38

1.07 No floor is provided with this booth. The wall units are secured to the surface upon which they are placed. Holes are provided in the lower wall extrusions for this purpose. Cutouts are provided in the extrusions of some walls for electric and telephone service entrances. Channels are provided so that these services may be extended to the ceiling area. These facilities may be run from booth to booth through the ceiling areas in multiple installations.

2. IDENTIFICATION

2.01 Various list numbers have been assigned to the KS-19442 booth to describe the possible multiple arrangements. These list numbers are in the group 1 to 20. List numbers in the group 31 to 50 are assigned to the specific booth wall and panel units to be used to form a particular multiple assembly. See Table A.

2.02 The units of side-by-side multiple assemblies will be furnished as per Table A when the assembly list number is ordered. The odd-numbered units (first, third, fifth, etc) will be furnished assembled. The even-numbered units (second, fourth, sixth, etc) will be shipped unassembled.

2.03 Various items are stamped with a code to facilitate assembly as follows:

ITEM	CODE
Column	C
Frame	F
Kickplate	K
Panel	P
Retaining Strip	R
Trim Strip	T

2.04 List numbers of the various accessories available are shown in Table B. List numbers of the various glass panels for repair purposes are shown in Table C.

TABLE B

LIST NUMBERS OF ACCESSORIES

LIST NO.	DESCRIPTION
60	Supporting Column for Back-to-Back and Side-by-Side Assemblies
61	Sign — Single Booth, Lettered (TELEPHONE)
62	Sign — Single Length, Blank
63	Sign — Multiple Booths — Lettered (TELEPHONES)
81	Trim and Accessory Finish — Satin-finished Anodized Aluminum
82	Trim and Accessory Finish — Stainless Steel
83	Trim and Accessory Finish — Medium Bronze-colored Anodized Aluminum
84	Trim and Accessory Finish — Unfinished Bronze
KS-19340, List 53 Backboard — For 1A Coin Telephone	
KS-19340, List 54 Backboard — For 2A or 235G Coin Telephone	
KS-16797, List 15 Cable Assembly	

TABLE C

LIST NUMBERS OF REPAIR PARTS

LIST NO.	DESCRIPTION
30	Roof and Ceiling Assembly
51	Tempered Glass Panel — Door
53	Tempered Glass Panel — Back, Right Side, and Between Two Side-by-Side Booths
55	Tempered Glass Panel — Between Two Back-to-Back Booths
57	Tempered Glass Panel — Left Side
59	Tempered Glass Panel — Front

2.05 A formed plastic seat and a thick-tempered glass writing shelf (Fig. 1) are furnished as part of the booth. Stainless steel panels are mounted in the right rear corner. These panels provide a mounting for the backboards for a 1A, 2A, or 235G-type coin telephone. See Table B.

2.06 A KS-19207, List 1 light and blower unit (furnished as part of the list 30 roof and ceiling assembly) is supplied with each booth for ventilation and illumination. A door-operated snap switch is used to control the light and blower; however, the unit may be wired for continuous illumination. A manual switch is provided for customer control of the blower (Fig. 1). See Section 508-820-100 for details of KS-19207 light and blower unit.

2.07 All electrical and telephone connections are made in the ceiling assembly. An electrical outlet box, telephone connecting block, and, in some cases, telephone wiring are all furnished and located in the ceiling area.

2.08 A roof structure covers the booth and encloses the equipment mounted above the ceiling. It also provides a frame for the sign above the door. The sign is white plastic with the letters TELEPHONE or TELEPHONES in blue. One length of blank sign may be ordered to provided required spacing of the words TELEPHONES in multiple installations. See Table B.

3. SPECIAL TOOLS

3.01 The following special tools are required for the installation of the KS-19442 booth.

TOOL	USED TO	SOURCE OF SUPPLY
Awl (2 required)	Line up holes between connecting parts	Obtain locally
Center punch	Crimp trim strips	Obtain locally
Chalk line	Mark booth positions	Obtain locally
Compound, antiseize, KS-19094, L1	Coat screw threads which are threaded into aluminum	Western Electric Co.
Glass Lifter, Red Devil Vacuum Cup (2 required)	Install glass panels	Obtain locally
Gloves, safety, RS-13515	Handle glass panels	Western Electric Co.
Goggles or face shield, RS-13406A	Protect against glass in case of breakage	Western Electric Co.
Hammer, soft faced, RS-14770	Crimp trim strips	Western Electric Co.
Knife, safety	Remove packing from booths	Lewis Safety Knife or equivalent
Level (4 ft min)	Ensure that booths are level	Obtain locally

TOOL	USED TO	SOURCE OF SUPPLY
Screwdrivers, Xcelite X-102, SX-102, X-103 and X-1021	Install various components using Phillips screws	Eastern Tool Warehouse 601 West 50th St. New York, New York
Square, carpenter	Ensure that booths are square	Obtain locally
Template, locating KS-19732	To drill holes in floor for mounting booths	Western Electric Co.
Wrench Set, M-51 Williams Super Ratchet Wrench Set E/W (complete set of Allen Head Sockets)	Assemble frames	Local Automotive Parts Distributor
Wrench, KS-19192, L1	Install shelf assembly	Western Electric Co.

Prior to beginning the installation procedures, personnel responsible should familiarize themselves with the following outline. The outline provides a comprehensive view of the numerous arrangements and the paragraph sequence in which they will appear.

4. INSTALLATION — SINGLE BOOTH

Note 1: The List 1 assembly (List 31 booth) is shipped assembled, mounted on a skid. Do not attempt to move the booth more than necessary after removing from the skid.

Note 2: If the booth is to be installed against a wall, post, or column, determine if the surface is plumb, using a 4-ft. level, and if any misalignment exists allow sufficient distance at the base when locating the template (see 4.01).

Note 3: This booth has no floor. If the floor where the booth is to be installed is carpeted, use extreme care not to damage the carpet. Do not cut the carpet since it will become the booth floor.

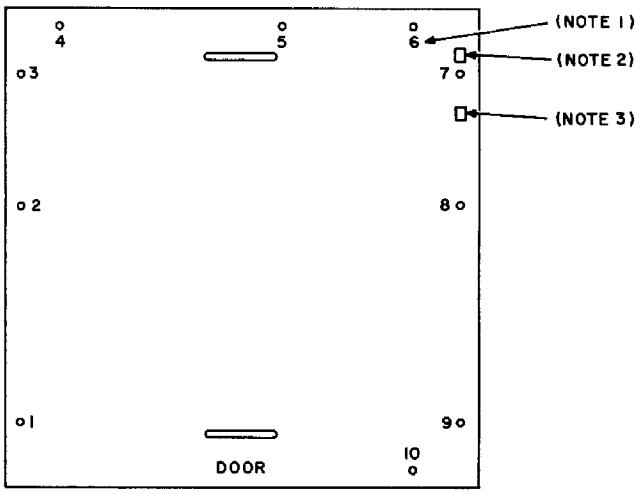
4.01 Place KS-19732 template (Fig. 2) in the exact position that the booth will be mounted.

4.02 Using the template as a guide, drill 1/4-inch holes at positions 1, 3, 4, 5, 8, 9, and 10 to a depth of approximately 1-1/4 inches.

Note: After the first two holes are drilled, insert two 1/4 by 1-1/2 steel rods, furnished with template, in the holes to prevent the template from slipping while drilling the remaining holes.

4.03 Remove the two steel rods and template from the drilling area.

4.04 The booth is secured to a masonry floor with 3/8-16 by 2 hex socket head cap screws. Select the proper machine bolt anchor to accommodate this size screw and enlarge the seven holes (drilled in 4.02) sufficiently to accept anchors. See the appropriate BSP Section on masonry fasteners.



NOTES:
1. THE NUMBERS ARE FOR REFERENCE ONLY.
2. OPENING FOR TELEPHONE ENTRANCE.
3. OPENING FOR POWER ENTRANCE.
4. TWO 1/4 IN. X 1-1/2 IN. STEEL RODS WILL BE FURNISHED WITH EACH TEMPLATE TO BE USED FOR ALIGNMENT PURPOSES.

Fig. 2 — KS-19732 Template

Note: Lag or wood screws of equivalent holding power should be used in wood floors.

4.05 Position the booth adjacent to the mounting location and remove all packing details, except the skid base.

4.06 Remove 16 screws and move the inside kickplates to one side.

4.07 If coin telephone has not been previously installed, slide booth from skid and align mounting holes of booth with mounting holes in floor.

4.08 If coin telephone is installed, perform the following operations.

(a) Slide booth so that the right-hand wall overhangs the edge of the skid to clear access to wiring channels.

(b) Position booth and skid so that booth is in its approximate mounting location.

(c) Remove the dome assembly Fig. 3 and fluorescent lamp.

Warning: Use goggles or face shield when removing the dome and lamp.

(d) Drop a weighted fish line from the ceiling area to pull telephone and electric wires separately up through their proper channels to the ceiling area (Fig. 4).

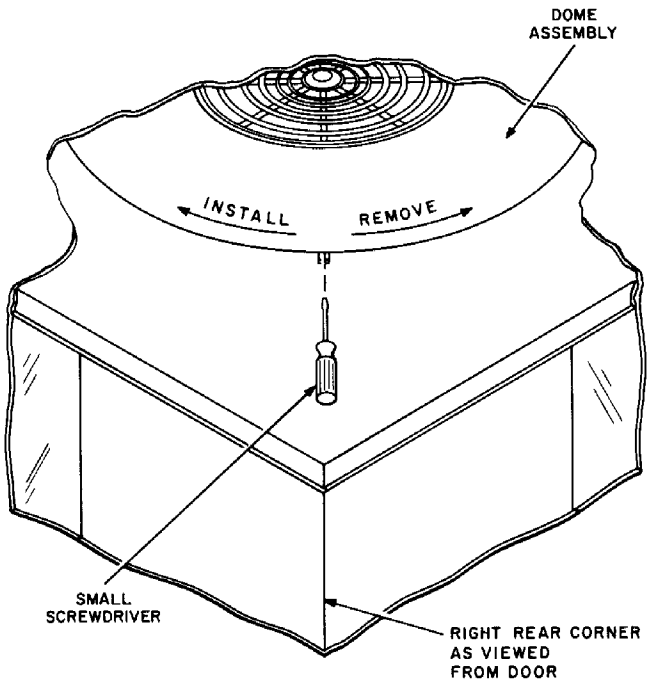
Note: These channels are in the F-1 (right) wall frame.

(e) Slide booth from skid and align mounting holes of booth with mounting holes in floor.

4.09 Insert seven 3/8-16 by 2 hex socket head cap screws in the mounting holes. Determine that the booth is perfectly square. Adjust leveling devices until the booth is perfectly level and secure the seven screws.

4.10 If booth is not yet equipped with a coin telephone, perform the following operations.

(a) Loosen three tamper proof screws (Fig. 5) using KS-19192, List 1 wrench. Pull B-562352 and B-562354 supports forward and up and remove the glass shelf.



NOTES:
1. FOR REMOVAL, INSERT SMALL SCREWDRIVER THROUGH SLOT IN CEILING, DEPRESS DETENT SPRING, AND TURN DOME ASSEMBLY COUNTERCLOCKWISE.
2. FOR INSTALLATION, PLACE DOME ASSEMBLY IN CEILING AND TURN IT CLOCKWISE UNTIL DETENT SPRING ENGAGES AND LOCKS DOME.

Fig. 3 — Method of Removing Dome Assembly

(b) Remove the blower switch coverplate using an orange stick.

(c) Remove two .164-18 by 3/8 unpainted Phillips round head self-tapping screws and slide P1 panel to the right until it is free of the retaining clips as shown in Fig. 6. Pull bottom of panel out from wall and down to make wiring channels accessible.

Note: Set panel aside so that it will not be scratched, dented, or bent.

(d) Install electric wiring as outlined in Part 8.

(e) Install telephone wiring as outlined in Part 9 and install the coin telephone wiring.

(f) Install P1 panel (Fig. 6), blower switch coverplate, and glass shelf (Fig. 5).

(g) Install KS-19340, List 53 or List 54 backboard, using six 1/4-20 by 1-1/2 unpainted Phillips round head screws (Fig. 7).

Note: See Table B for use of List 53 and List 54 backboards.

(h) Install coin telephone.

4.11 Install the fluorescent lamp, dome assembly, and inside kickplates.

5. INSTALLATION — SIDE-BY-SIDE MULTIPLE ARRANGEMENT

Note 1: When installing booths side-by-side, the left-hand booth, as viewed from the front of the line-up, is always installed first and is preassembled.

Note 2: Odd-numbered booths (1, 3, 5, etc) are preassembled; even-numbered booths (2, 4, 6, etc) are assembled on site.

Note 3: Arrangements should be made to bring telephone and electrical services into an unassembled booth. This will eliminate the necessity of removing the inside panels of assembled booths.

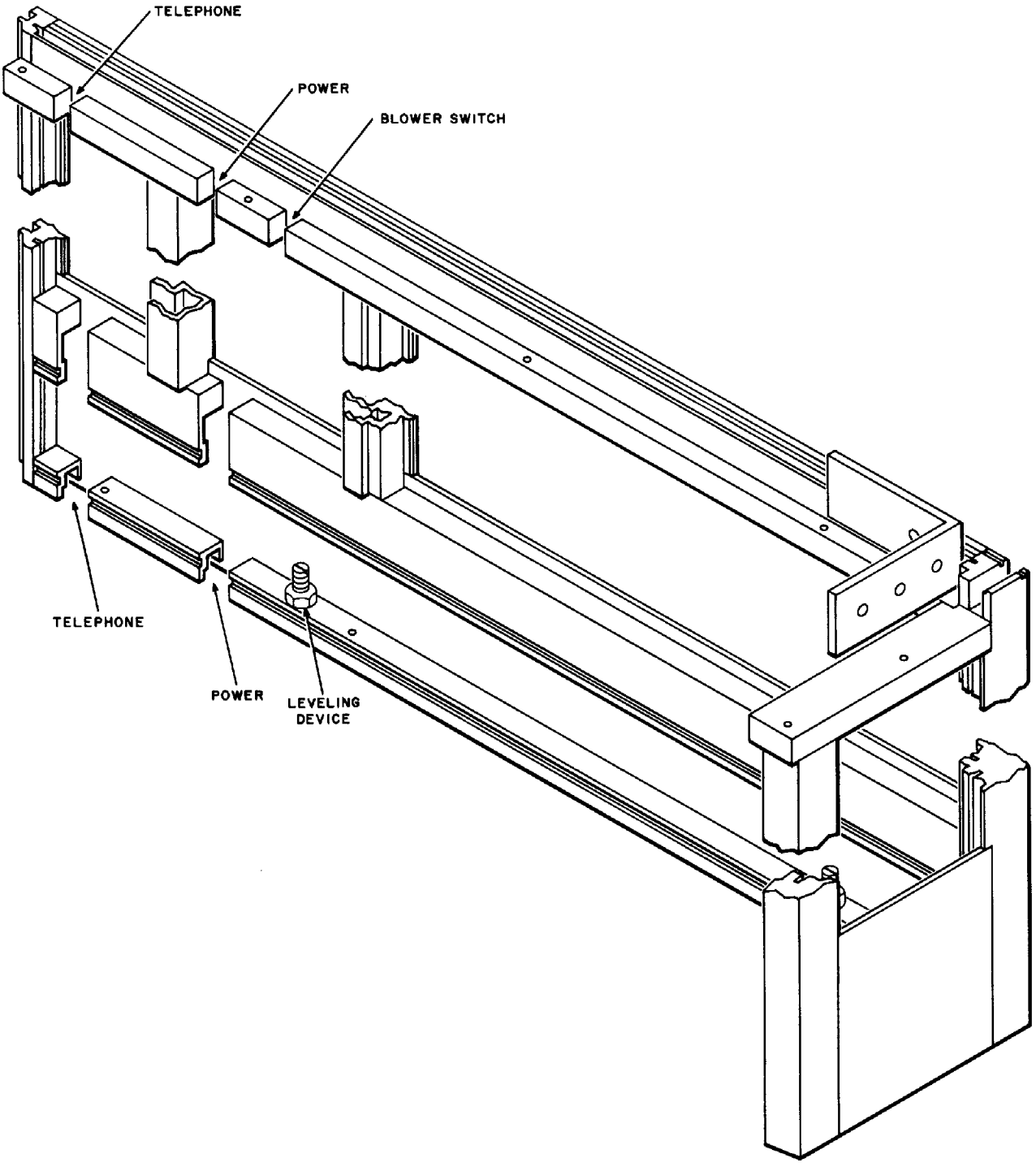


Fig. 4 — Inside View of F-1 or F-4 Wall Frame

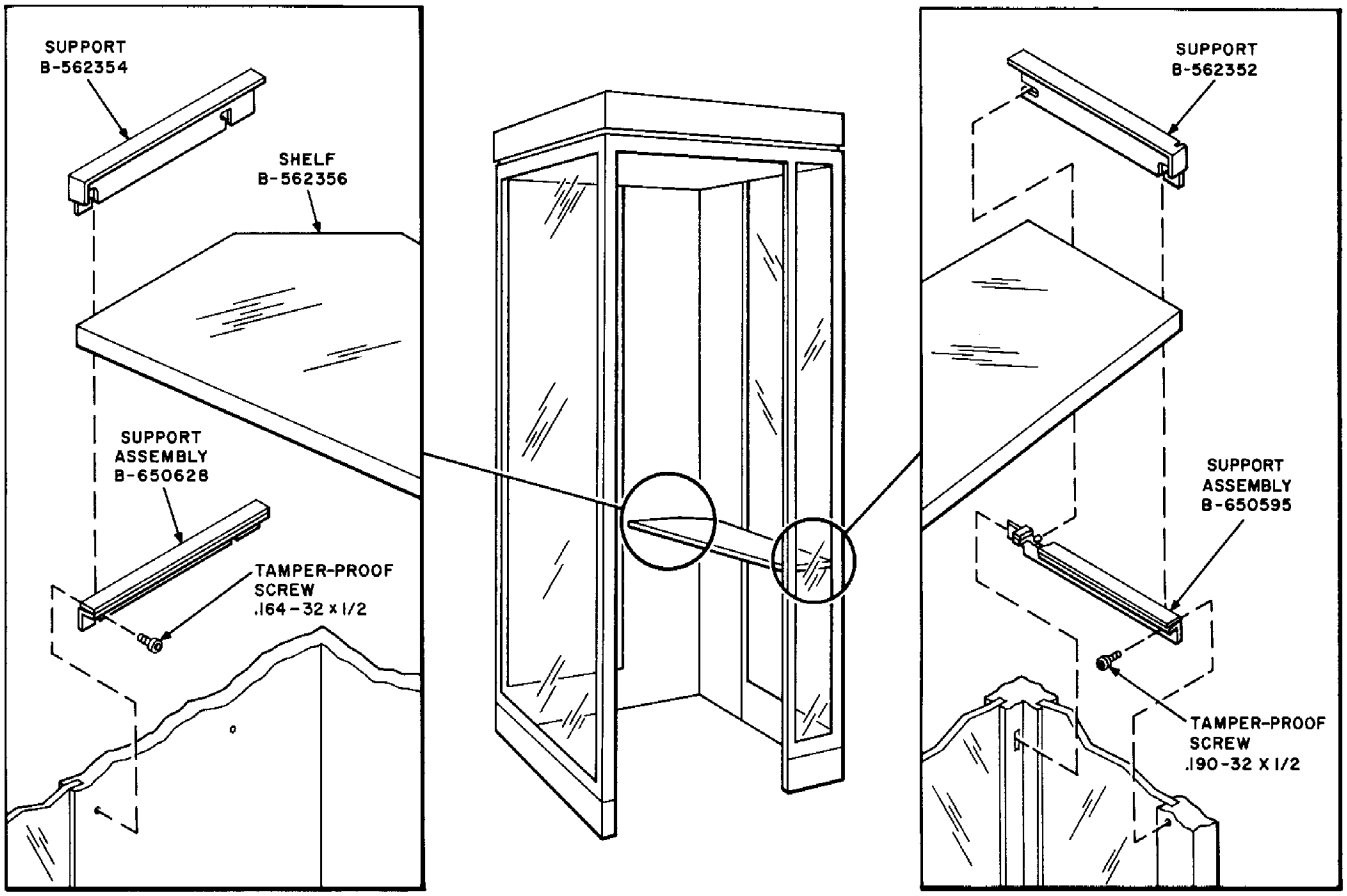


Fig. 5 — Installation of Shelf Assembly

Note 4: KS-19732 template (Fig. 2) can be used for laying out an arrangement from left to right (Fig. 8) or from right to left (Fig. 9). If the left-hand booth of the line-up is to be against a wall, post, or column, lay out the positions from left to right. If the right-hand booth of the line-up is to be against a wall, post, or column, lay out the positions from right to left.

Note 5: If either the right-hand or left-hand booth of the line-up is to be installed against a wall, post, or column, determine if this surface is plumb, using a 4-ft. level. If any misalignment exists allow sufficient distance at the base when locating the template.

Note 6: Ten holes are provided in the template but only seven are required for mounting a booth. Odd-numbered or assembled booths utilize holes 1, 3, 4, 5, 8, 9 and 10. Holes 6 and 7 are behind P1 and P2 panels and are not accessible in an assembled booth. Even-numbered or unassembled booths utilize holes 1, 3, 4, 6, 7, 9, and 10.

Note 7: All screws threaded into aluminum parts shall be coated with KS-19094, List 1 antiseize compound.

Note 8: See Note 3 in Part 4.

5.01 Use a chalk line and mark the floor where the front edge of the line-up will be.

5.02 When laying out positions from the left to right, drill holes in the floor as follows:

(a) Place KS-19732 template (Fig. 2) in the position where the left-hand booth will be mounted.

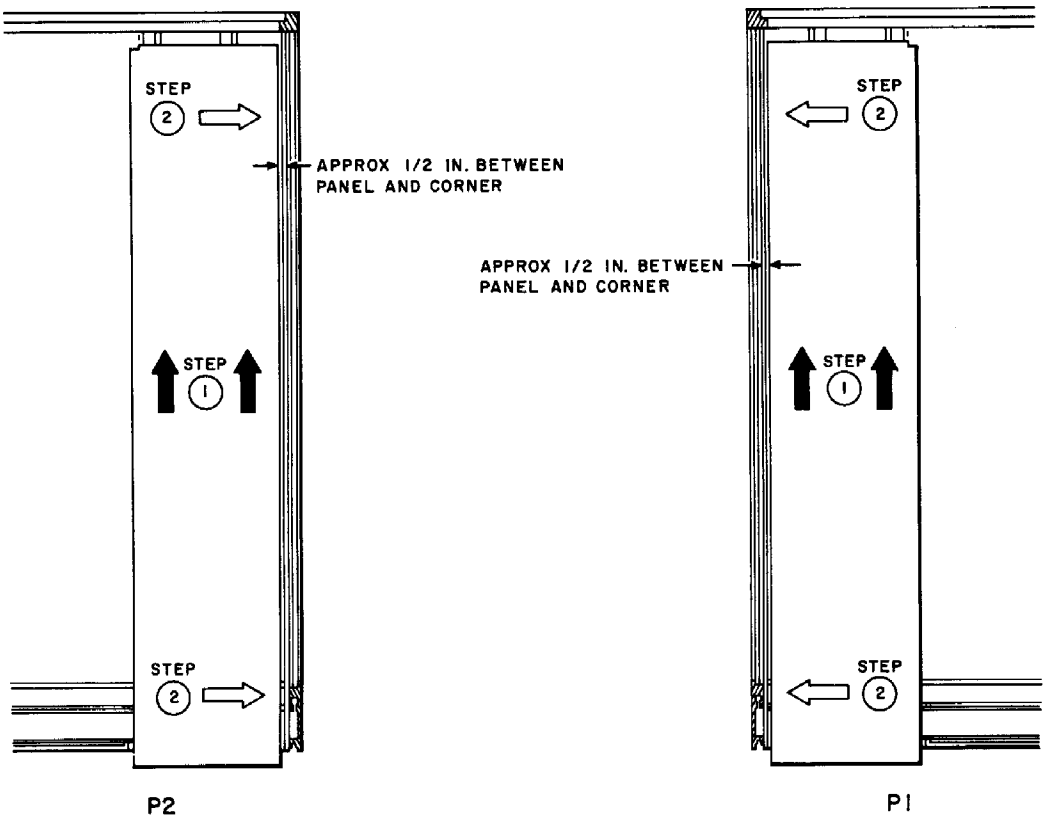


Fig. 6 — Installation and Removal of P1 and P2 Panels

(b) Using the template as a guide, drill 1/4-inch holes at positions 1, 3, 4, 5, 8, 9, and 10 to a depth of approximately 1-1/4 inches.

Note: After the first two holes are drilled, insert two 1/4 by 1-1/2 steel rods, furnished with template, in these holes to prevent the template from slipping while drilling the remaining holes.

(c) Move template to the right and align template holes 1 and 2 with previously drilled holes 9 and 8, respectively (Fig. 8, view A). Insert the two steel rods in these holes.

(d) Drill 1/4-inch holes at positions 4, 6, 7, 9, and 10 to a depth of approximately 1-1/4 inches.

(e) If a third booth is to be installed, move template to the right and align template holes 1 and 3 with previously drilled holes 9 and 7, respectively (Fig. 8, view B). Insert the two steel rods in these holes.

(f) Drill 1/4-inch holes at positions 4, 5, 8, 9, and 10 to a depth of approximately 1-1/4 inches.

(g) If additional booth positions are required, see Note 6 in Part 5 and drill as necessary.

5.03 When laying out positions from right to left, drill holes in the floor as follows:

(a) For positions where total line-up consists of an even number of booths (2, 4, 6, etc), perform the following operations.

1. Place KS-19732 template (Fig. 2) in the position where the right-hand booth will be mounted.

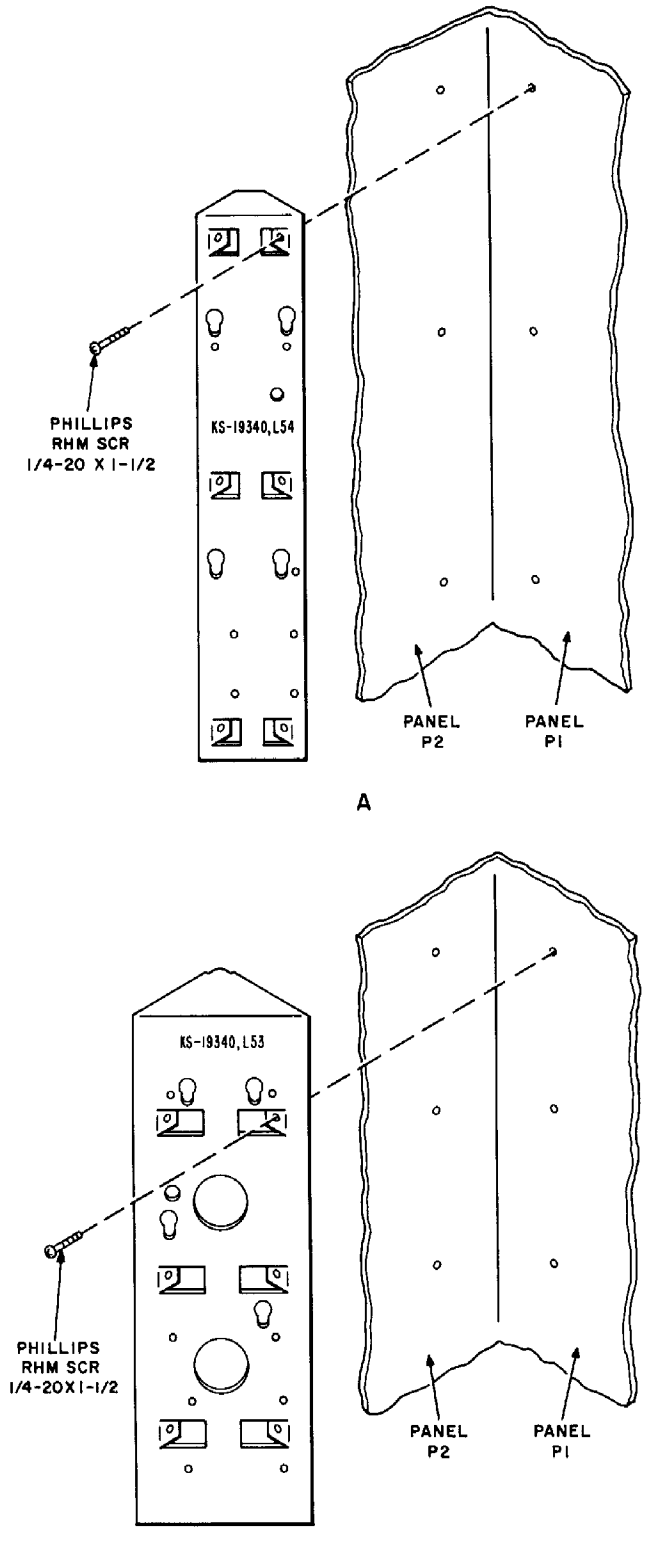


Fig. 7 — Installation of Backboards

2. Using the template as a guide, drill 1/4-inch holes at positions 1, 2, 4, 6, 7, 9, and 10 to a depth of approximately 1-1/4-inches. See note in 5.02(b).

3. Move template to the left and align template holes 8 and 9 with previously drilled holes 2 and 1, respectively (Fig. 9, view A). Insert the two steel rods in these holes.

4. Drill 1/4-inch holes at positions 1, 3, 4, 5, and 10 to a depth of appoximately 1-1/4-inches.

5. If this line-up consists of four or more booths, move template to the left and align template holes 7 and 9 with previously drilled holes 3 and 1, respectively (Fig. 9, view B). Insert the two steel rods in these holes.

6. Drill 1/4-inch holes at positions 1, 2, 4, 6, and 10 to a depth of approximately 1-1/4 inches.

7. If additional booth positions are required, see Note 6 and drill as necessary.

(b) For positions where total line-up consists of an odd number of booths 3, 5, 7, etc), perform the following operations.

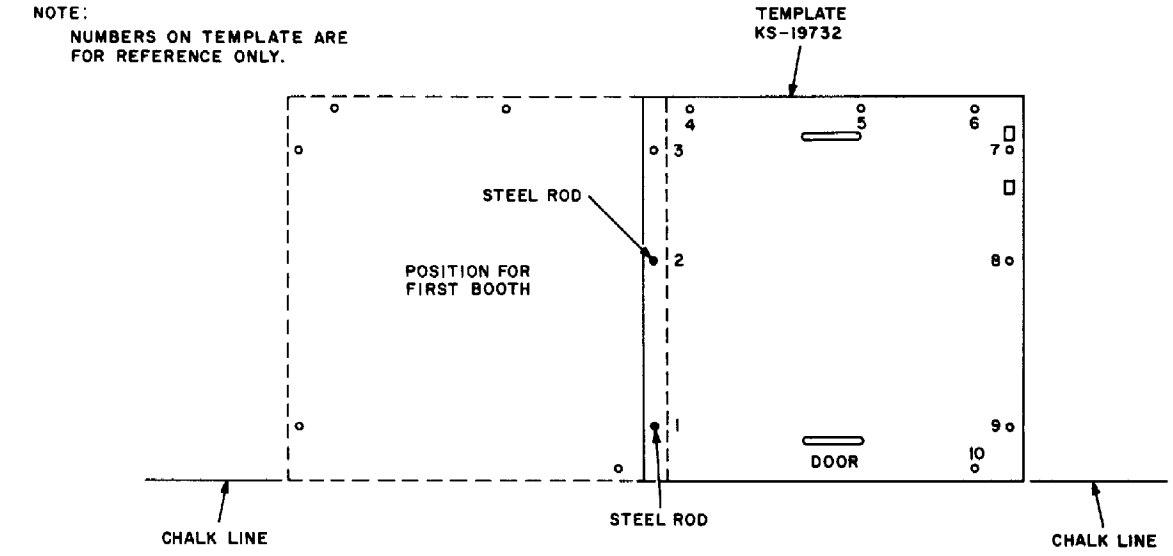
1. Place KS-19732 template (Fig. 2) in the position where the right-hand booth will be mounted.

2. Using the template as a guide, drill 1/4-inch holes at positions 1, 3, 4, 5, 8, 9, and 10 to a depth of approximately 1-1/4 inches. See note in 5.02(b).

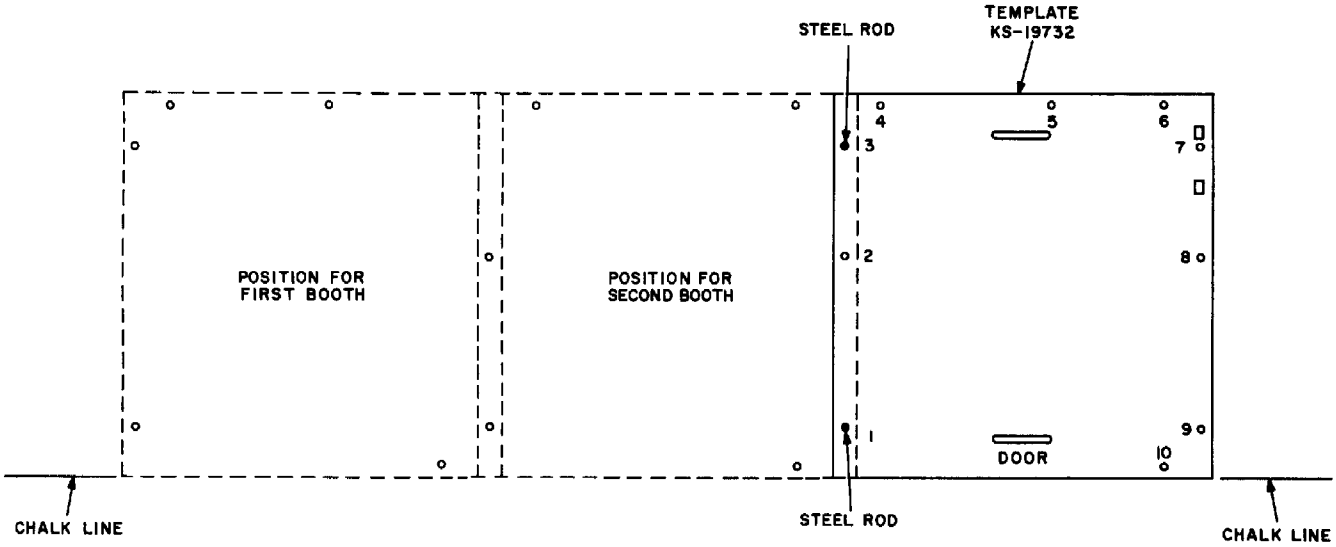
3. Move template to the left and align template holes 7 and 9 with previously drilled holes 3 and 1, respectively (Fig. 9, view B). Insert the two steel rods in these holes.

4. Drill 1/4-inch holes at positions 1, 2, 4, 6, and 10 to a depth of approximately 1-1/4 inches.

5. Move template to the left and align template holes 8 and 9 with previously drilled holes 2 and 1, respectively, (Fig. 9, view A). Insert the two steel rods in these holes.

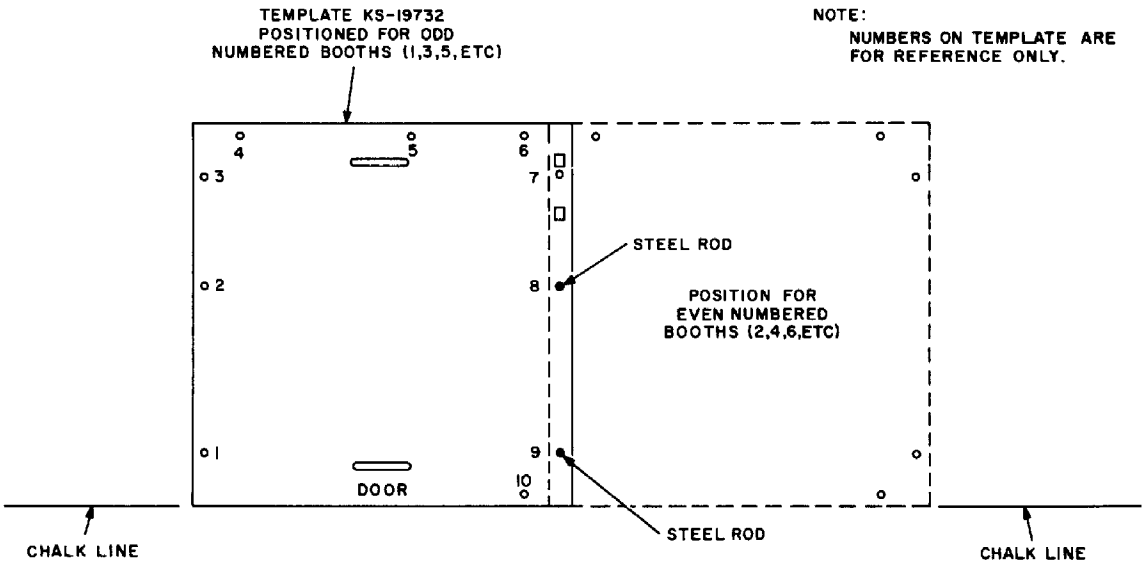


VIEW A
LAYOUT FOR TWO BOOTHS, SIDE-BY-SIDE, LEFT TO RIGHT



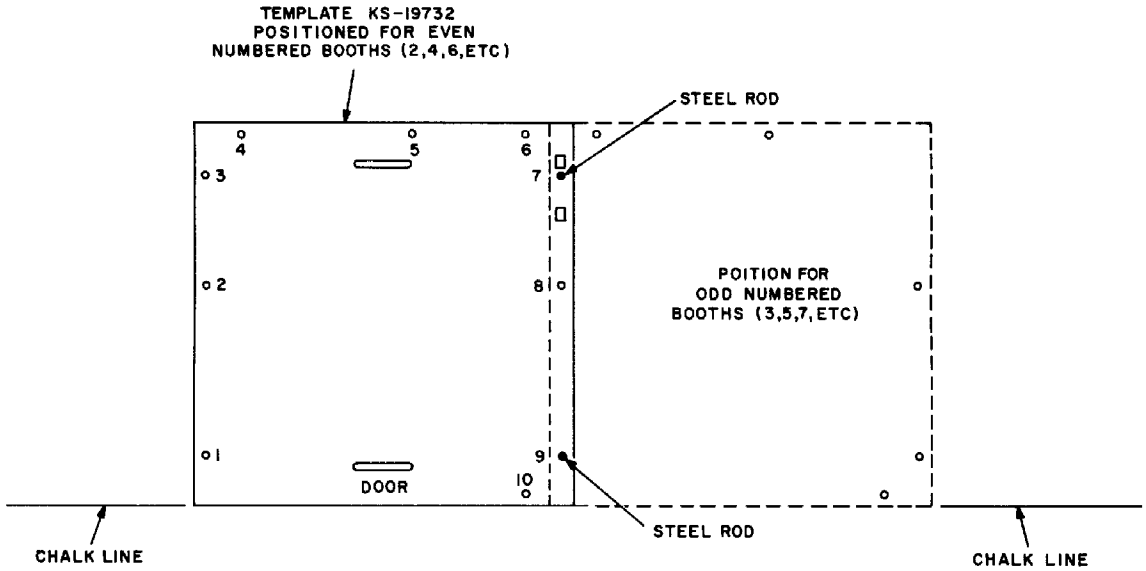
VIEW B
LAYOUT FOR THREE BOOTHS, SIDE-BY-SIDE, LEFT TO RIGHT

Fig. 8 — Layout for Side-By-Side Multiple, Left to Right



VIEW A

LAYOUT FOR BOOTHS SIDE-BY-SIDE,
RIGHT TO LEFT BEGINNING WITH
AN EVEN NUMBERED BOOTH



VIEW B

LAYOUT FOR BOOTHS SIDE-BY-SIDE,
RIGHT TO LEFT BEGINNING WITH
AN ODD NUMBERED BOOTH

Fig. 9 — Layout for Side-By-Side Multiple, Right to Left

6. Drill 1/4-inch holes at positions 1, 3, 4, 5, and 10 to a depth of approximately 1-1/4 inches.

7. If additional booth positions are required, see Note 6 and drill as necessary.

5.04 Booths are secured to a masonry floor with 3/8-16 by 2 hex socket head cap screws. Select the proper machine bolt anchor to accommodate this size screw and enlarge the holes drilled in 5.02 or 5.03 sufficiently to accept anchors. See the appropriate BSP Section on masonry fasteners.

Note: Lag or wood screws of equivalent holding power should be used in wood floors.

5.05 See Note 1 in Part 5 and perform the operations outlined in 4.05 through 4.11.

Note: The second unit of a side-by-side multiple arrangement may be either a List 32 or List 41. (Fig. 10) The unit is shipped unassembled and must be assembled on site. The List 32 is used as the right end booth of arrangements consisting of an even number of booths. The List 41 is used as the second booth of a multiple of more than two booths. The List 41 is also used as the even-numbered booth in multiple line-ups, except where it would become the last booth.

5.06 For the installation of a List 32 booth, perform the following operations. See Table A, and Fig. 10 and 11.

(a) Unpack F-2 wall frame.

(b) Place F-2 wall frame in position so that left corner column is fully seated into right rear column of previously installed booth.

If the corners are not fully seated, the booth can not be squared properly.

(c) Secure F-2 to the booth using six .164-32 by 5/8 unpainted hex socket head cap screws.

Note: It may be necessary to use one or two awls to align the holes.

(d) Insert two 3/8-16 by 2 unpainted hex socket head cap screws in the floor. Do not tighten.

(e) Unpack F-1 wall frame and C1 column. Secure C1 to F-1 using six .164-32 by 5/8 unpainted hex socket head cap screws.

(f) Place F-1 wall frame in position so that C1 is fully seated into F-2 wall.

If the corners are not fully seated, the booth can not be squared properly.

(g) Secure F-2 to C1 using six .164-32 by 5/8 unpainted hex socket head cap screws.

(h) Insert three 3/8-16 by 2 unpainted hex socket head cap screws in the floor. Do not tighten.

(i) Determine that the two walls are level and square and tighten the floor screws.

(j) Install B-566246 brace (Fig. 11) using three .190-32 by 1-1/2 unpainted Phillips round head screws.

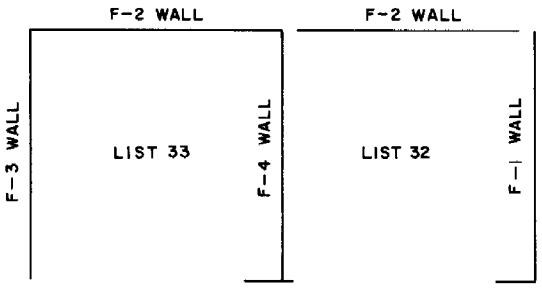
(k) Install B-562380 header using four .190-32 by 1 unpainted hex socket head cap screws and six .190-32 by 9/16 unpainted Phillips round head screws.

(l) Unpack roof and ceiling assembly.

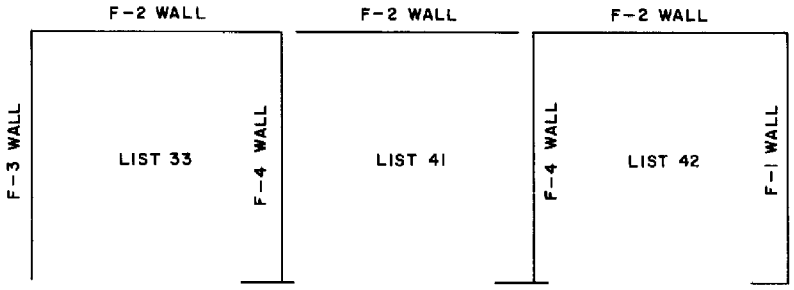
(m) Install B-562377 air intake (Fig. 12) on header using five .164-18 by 5/16 painted round head self-tapping screws. Secure air intake to corner braces using two .164-18 by 1/2 unpainted Phillips head self-tapping screws.

(n) Remove B-551952 dome from ceiling assembly (Fig. 3).

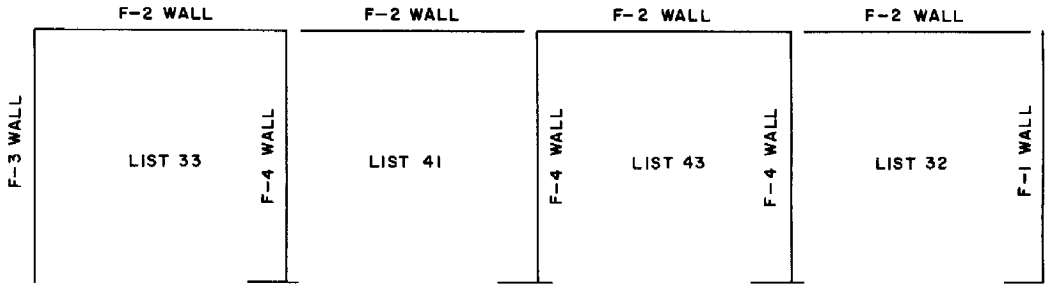
(o) Remove three .164-32 by 5/8 hex socket head cap screws that secure roof to ceiling assembly. Set roof and dome aside.



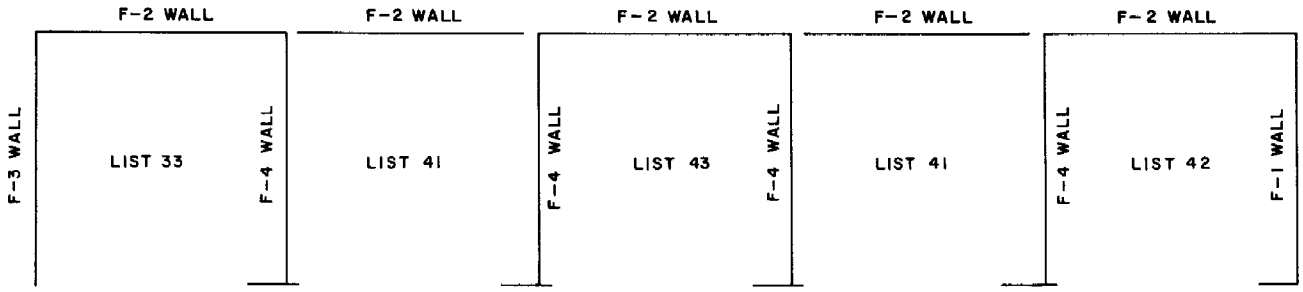
VIEW A
LIST 2 ARRANGEMENT



VIEW B
LIST 3 ARRANGEMENT



VIEW C
LIST 4 ARRANGEMENT



VIEW D
LIST 5 ARRANGEMENT

Fig. 10 — Various Multiple Arrangements for Side-By-Side Installations

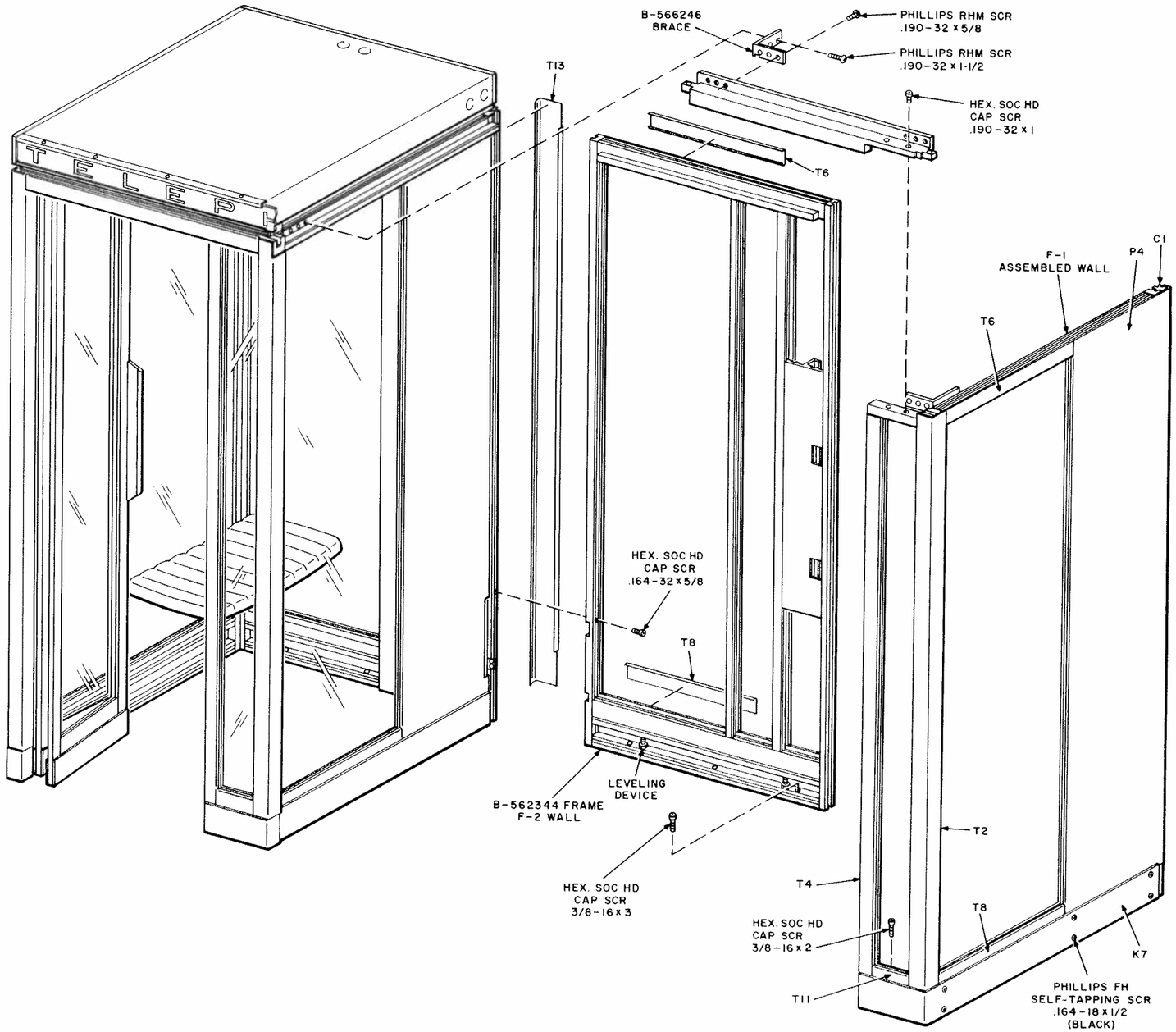


Fig. 11 — Assembly of Two Booths, Side-By-Side

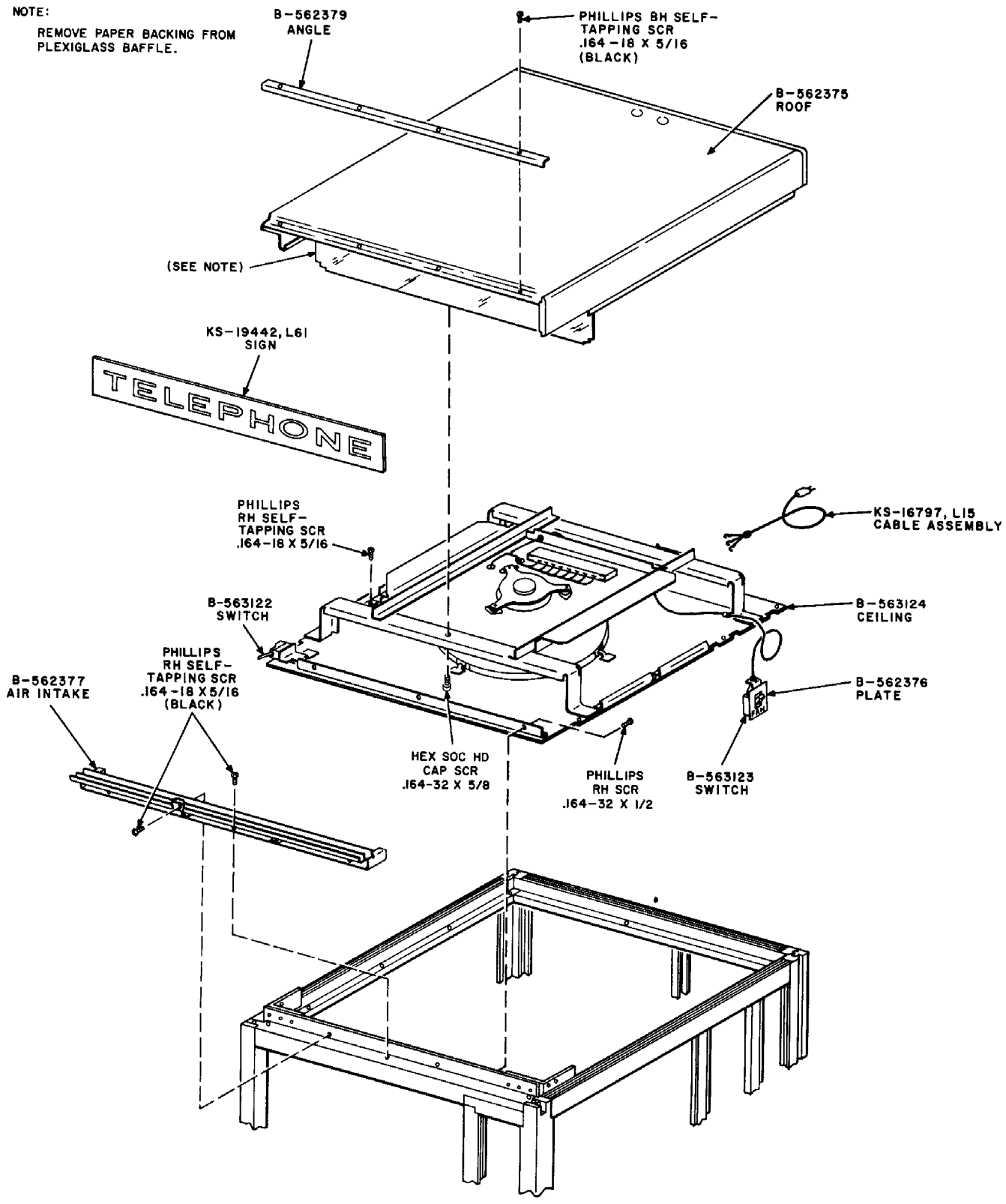


Fig. 12 — Installation of Ceiling and Roof Assembly

(p) Place the ceiling assembly on the frame of the booth making sure that B-563122 switch is located in the front left corner as viewed from front of booth.

(q) Secure the ceiling assembly to the booth frame using eleven .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

Note: Ensure that the blower switch and light switch cords are not pinched between the ceiling and booth walls.

(r) Secure the ceiling assembly to the header using three .164-32 by 5/16 unpainted Phillips round head screws.

(s) Install B-563123 blower switch (Fig. 1 and 12) on the right wall frame using two .138-32 by 3/16 unpainted Phillips round head screws.

(t) Install door assembly as follows (Fig. 13) :

Note: The door assembly is equipped with a handle and door stop.

1. Place a strip of 5/8-inch thick wood or equivalent material at the door opening to raise the level of the door so that the screw holes will line up with the corresponding holes in the left front column.
2. Rest the bottom of the folded door on the wood strip with the handle toward the inside of the booth and the top tilting at a slight angle toward the right door column.
3. Line up the guide pin with the door track. Install B-562381 roller on the guide pin and straighten up the door.
4. Secure the door hinge to the left column using eleven .164-32 by 3/8 painted Phillips round head screws.

Note: It may be necessary to use two awls for aligning the holes.

5. Install the actuator assembly using two .164-32 by 3/8 painted round head screws and slide it up into the access hole in the left front corner of the ceiling.
6. Determine that the actuator properly engages the switch spring and secure the actuator to the door.
7. Install B-650429 block assembly on the header using one .190-32 by 1 painted Phillips flathead screw.

(u) Install T9 trim strip (Fig. 13) over the door header.

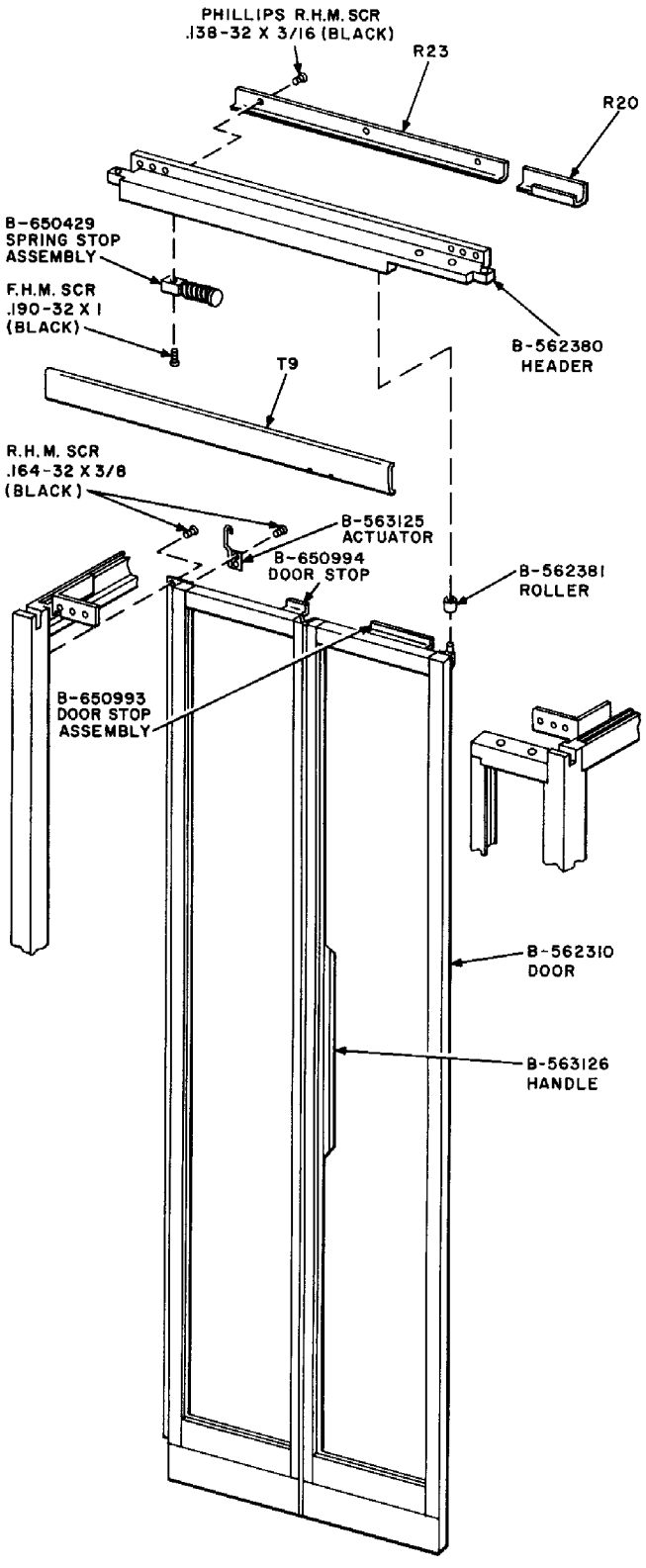


Fig. 13 — Door Header, Trim, and Door Assembly

(v) Install T2, T4, T6(2), T8(2), T11, and T13 trim strips (Fig. 11).

(w) Crimp the edges of the trim strips except T8 and T11 approximately every six inches using RS-14770 soft faced hammer and a center punch (Fig. 14).

Note: T8 and T11 will be secured by the kickplates.

(x) Install four B-565767 brackets (Fig. 15) on the center column of the rear wall using eight .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

(y) Install P3 panel (Fig. 15) using four B-565766 clamps and twelve .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

(z) Install P4 panel (Fig. 11) using the same procedure outlined in (x) and (y).

(aa) Install K7 and K10 outside kickplates (Fig. 11, and 15) using sixteen .164-18 by 1/2 painted Phillips flathead self-tapping screws.

(ab) Install electric wiring as outlined in Part 8.

(ac) Install telephone wiring as outlined in Part 9 and install the coin telephone wiring.

(ad) Remove coverplate from the blower switch and install P1 panel (Fig. 16). See Fig. 6 for correct method of installation. Secure P1 to wall using two .164-18 by 3/8 unpainted Phillips round head screws.

(ae) Install coverplate over blower switch.

(af) Install P2 panel (Fig. 15), using Fig. 6 as a guide. Secure P2 to wall using two .164-18 by 3/8 unpainted Phillips round head screws.

(ag) Connect Twist-Lock plugs for blower switch and lock switch.

(ah) Install roof trim as necessary using .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

(ai) Place B-562375 roof (Fig. 12) on ceiling assembly and secure with the three cap screws removed in (o).

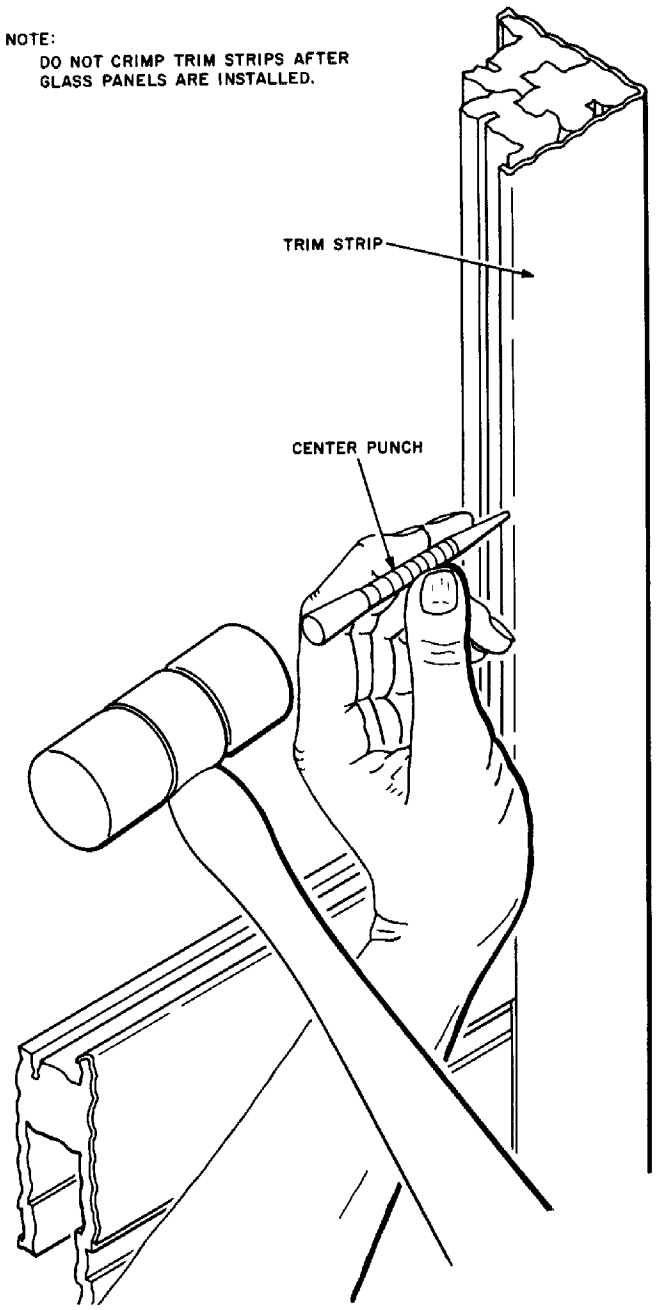


Fig. 14 — Method of Crimping Trim Strips

NOTES:

1. P3 IS USED ON THE OUTSIDE OF THE F-2 WALL ON A LIST 32 AND LIST 42 UNIT. P5 IS USED ON THE OUTSIDE OF THE F-2 WALL ON A LIST 34, LIST 41 AND LIST 43 UNIT.
2. K8 IS USED ON THE END BOOTH OF A SIDE-BY-SIDE ARRANGEMENT, K10 IS USED ON A SINGLE BOOTH, AND K11 IS USED ON THE MIDDLE BOOTH OR BOOTHS OF A SIDE-BY-SIDE ARRANGEMENT.

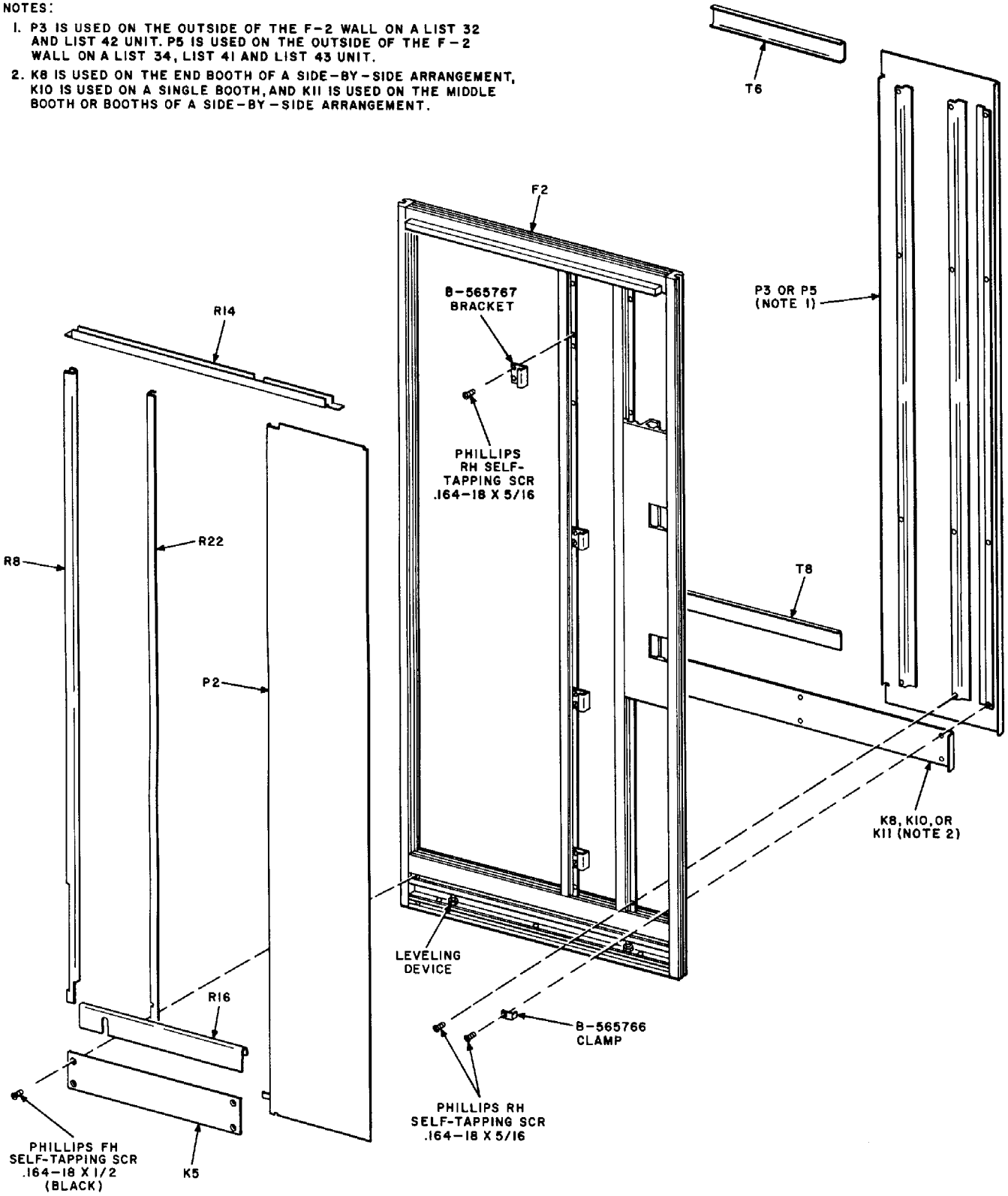


Fig. 15 — F-2 Wall

NOTE:
P4 IS USED ON THE F-1 WALL OF A SIDE-BY-SIDE ARRANGEMENT;
P6 IS USED ON THE F-1 WALL OF A BACK-TO-BACK ARRANGEMENT.

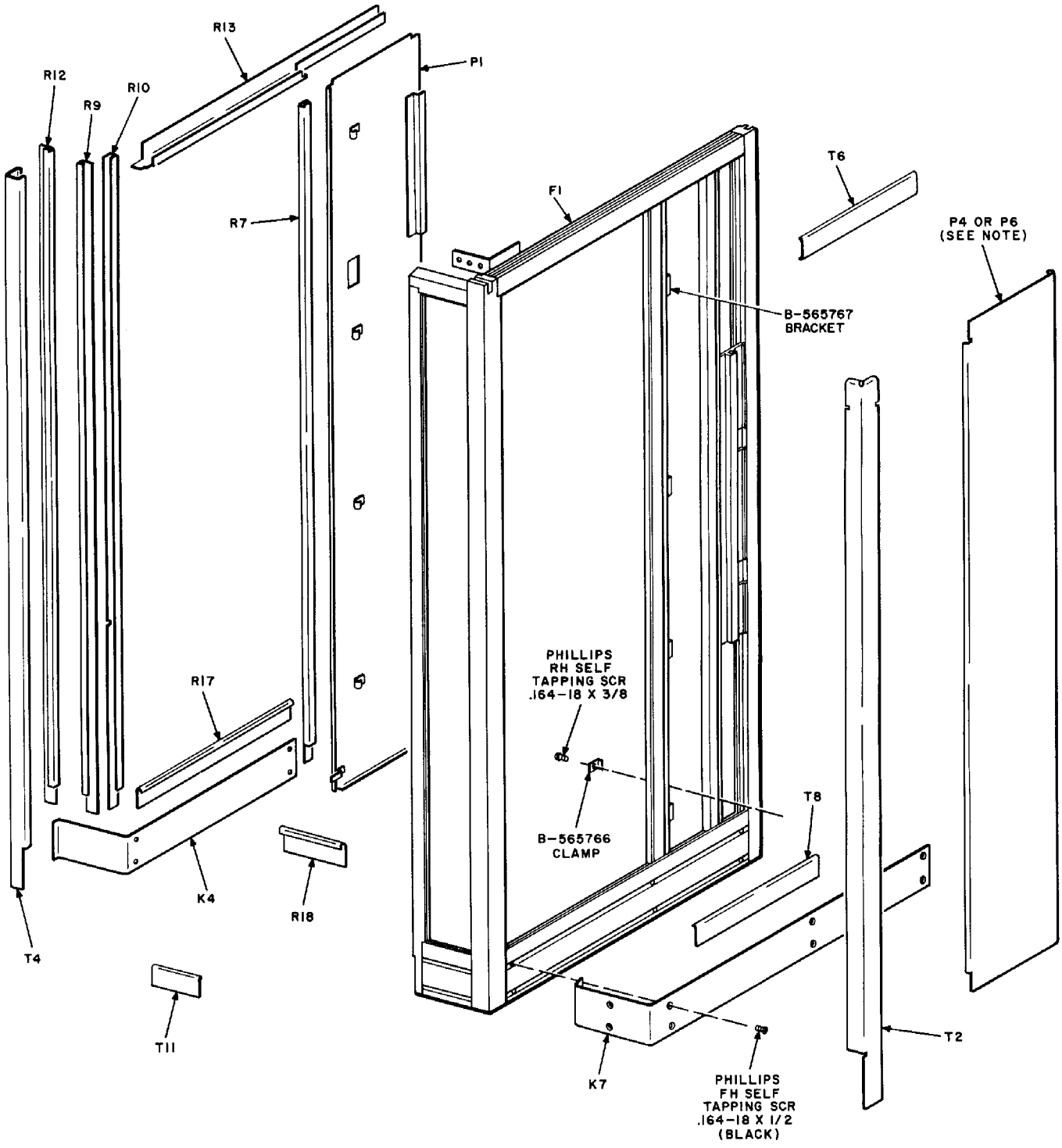


Fig. 16—F-1 Wall

(aj) Install the telephone sign and secure, using B-562379 angle and four .164-18 by 5/16 painted Phillips binding head self-tapping screws.

Note: See Table B for the three available signs.

(ak) Install glass panels as follows:

Caution: Use gloves and goggles when handling glass panels.

Note 1: Install the panels with the manufacturer's trade name toward the bottom and the lip of the glazing strips toward the outside of the booth. The trim strips fit under the lip of the glazing strips.

Note 2: Use Red Devil Vacuum Cup Glass Lifters for handling panels.

1. Apply glazing strips to glass panels as follows and install the panels in positions indicated. See Fig. 17 for installing door panels. Side and rear panels are similarly installed.

GLAZING STRIP	GLASS PANEL	POSITION INSTALLED
G1	List 51	Door
G2	List 53	Back and Right Side
G5	List 59	Front

2. Insert B-562317-2 retaining strips along the top of door panels (Fig. 17).

3. Insert B-562317-4 retaining strips along the left edges of door panels as viewed from the rear.

4. Insert B-562317-3 retaining strips along the right edges of door panels as viewed from the rear.

5. Insert B-562317-1 retaining strips along the bottom of door panels and secure with two .138-32 by 1/8 hex socket cup point setscrews.

6. Install retaining strips as follows:

Note: Install top strips first, side strips next, and bottom strips last.

RETAINING STRIP	POSITION INSTALLED	SEE FIGURE
R14	F-2 wall, top	15
R8	F-2 wall, left	15
R22	F-2 wall, right	15
R16	F-2 wall, bottom	15
R13	F-1 wall, top	16
R7	F-1 wall, rear	16
R10	F-1 wall, front	16
R17	F-1 wall, bottom	16
R12	F-1 wall, next to door	16
R9	F-1 wall, corner	16
R18	F-1 wall, bottom	16

(al) Install R20 retaining strip (Fig. 13) on the door header.

(am) Install R23 retaining strip on the door header using three .138-32 by 3/16 painted Phillips round head screws.

(an) Install K4 and K5 inside kickplates (Fig. 16 and 15, respectively) using eight .164-18 by 1/2 painted Phillips flathead self-tapping screws.

(ao) Install KS-19340, List 53 or List 54 backboard using six 1/4-20 by 1-1/2 unpainted Phillips round head screws (Fig. 7).

Note: See Table B for use of List 53 and List 54 backboards.

(ap) Install coin telephone.

(aq) Insert 40 watt circular fluorescent lamp and install dome assembly.

(ar) Install seat assembly as follows (Fig. 18):

1. Install B-562389 support to wall using three 1/4-20 by 1-5/8 unpainted hex socket head cap screws. See note on Fig. 18.

2. Secure seat to B-562301 block using one 1/4-20 by 1-1/4 painted hex socket head cap screw.

3. Slide seat down over support and secure to corner using one 1/4-20 by 2-1/2 painted hex socket head cap screw.

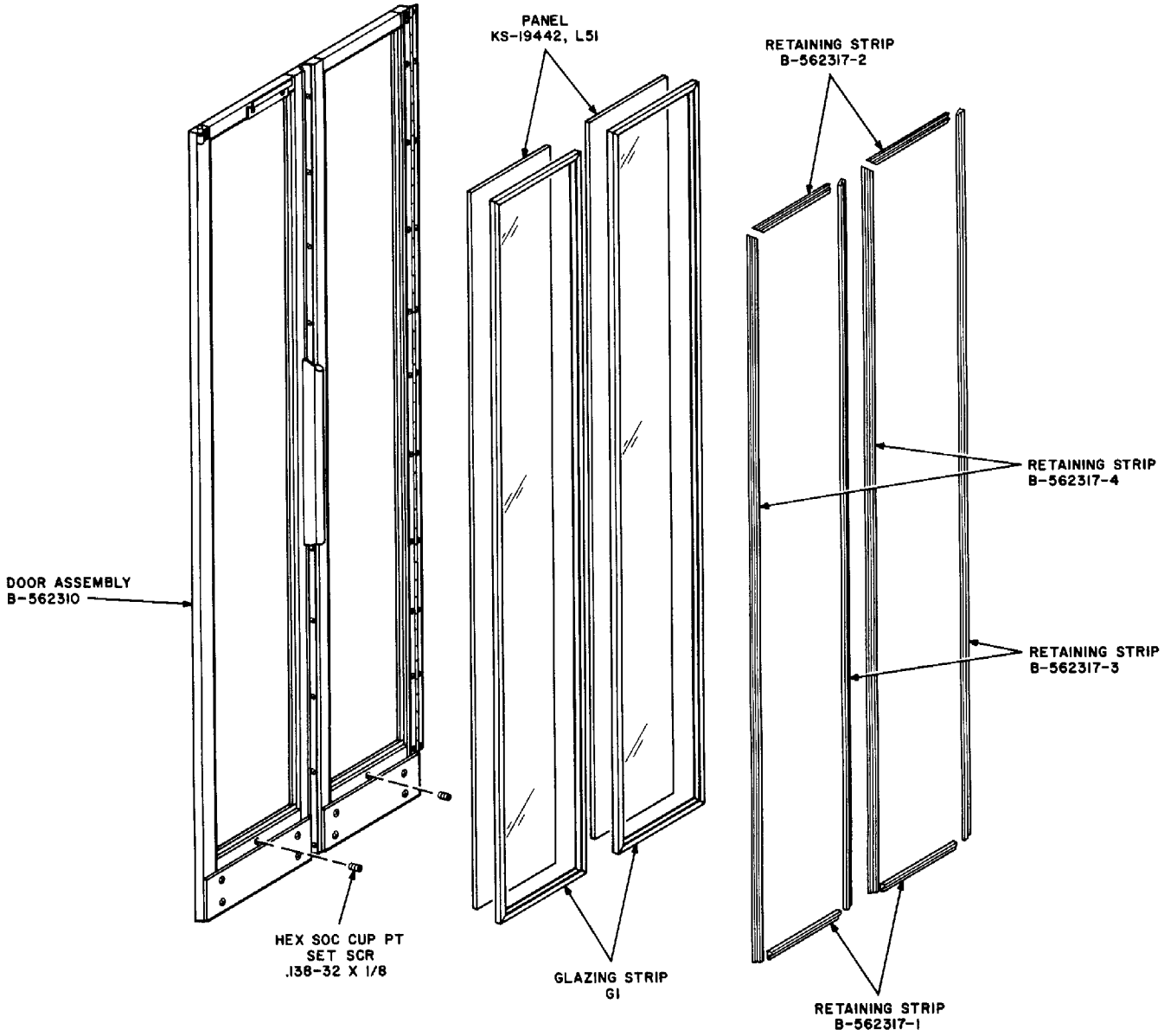


Fig. 17 — Installation of Glass Panels in Door

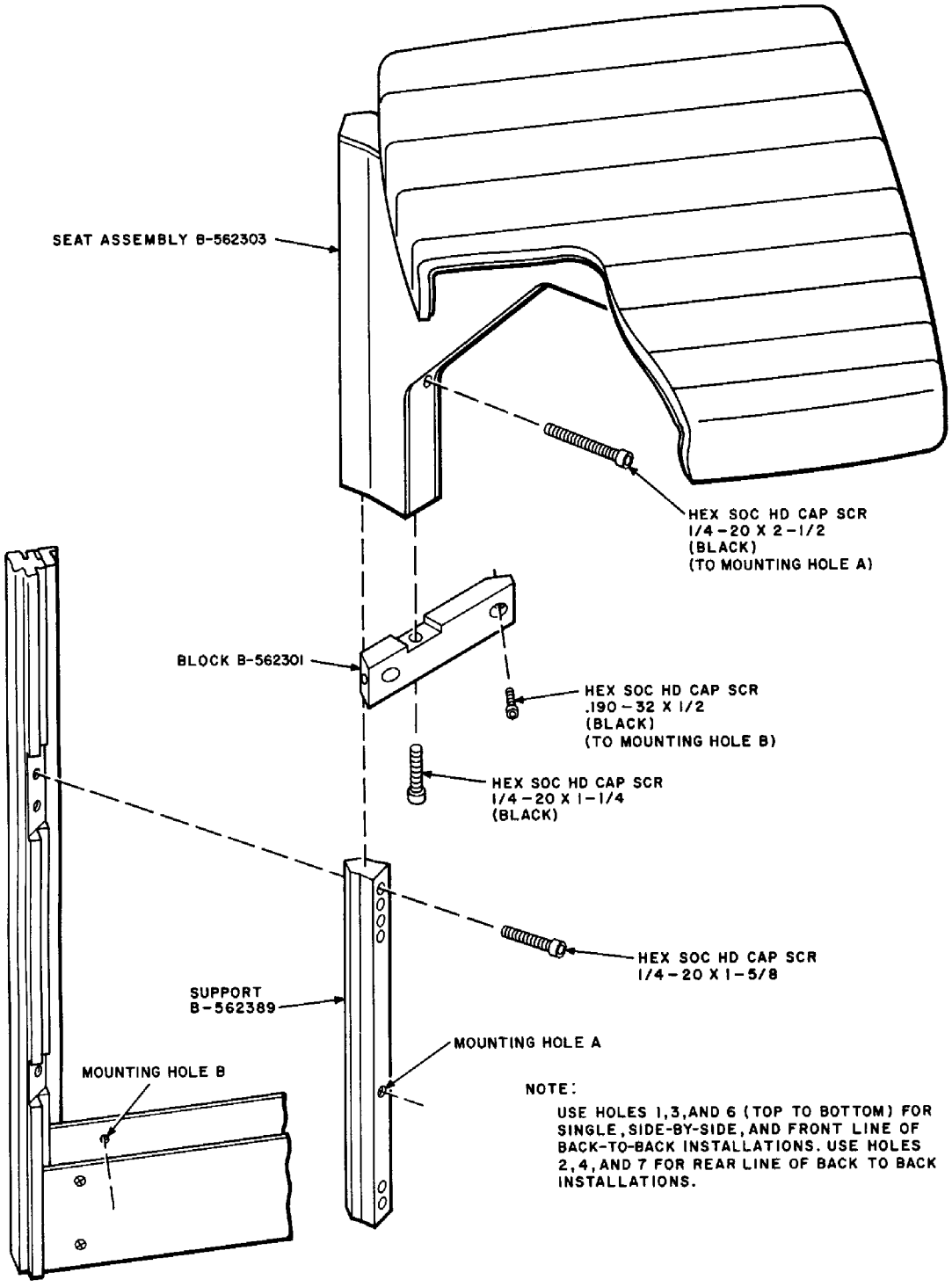


Fig. 18 — Installation of Seat Assembly

4. Secure B-562301 block to booth using two .190-32 by 1/2 painted hex socket head cap screw.

(as) Install shelf assembly as follows (Fig. 5):

1. Install B-650628 support assembly on the rear wall with two .164-32 by 1/2 tamper proof screws using KS-19192, List 1 wrench. Do not tighten screws.

2. Install B-650595 support assembly on the front wall with one .190-32 by 1/2 tamper proof screw using KS-19192, List 1 wrench. Do not tighten screw.

3. Mount B-562356 shelf on the two supports as shown.

4. Position B-562352 support down over front of shelf and engage rear slot over the pin of B-650595 support. Slide B-562352 support down and back into position. Tighten the screw.

5. Slide B-562354 support down and back into position over rear end of shelf. Tighten the two screws.

5.07 For the installation of a List 41 booth, with a List 42 or a List 43 booth, perform the following operations. See Table A, and Fig. 10 and 19.

(a) Perform operations outlined in 5.06 (a) through (d).

(b) Install List 42 or List 43 booth as outlined in 4.05 through 4.11.

Note 1: All third units and remaining odd-numbered booths in a multiple side-by-side arrangement are either a List 42 or List 43. Both units are shipped assembled. List 42 is used only in the last position.

Note 2: Arrangements should be made to bring telephone and electric services into an unassembled booth. This will eliminate the necessity of removing the inside panels of an assembled booth.

(c) Secure the right side of F-2 wall to List 42 or List 43 booth using six .164-32 by 5/8 unpainted hex socket head cap screws.

(d) Secure F-2 wall to the floor using two 3/8-16 by 2 unpainted hex socket head cap screws.

(e) Install B-566246 brace (Fig. 19) using three .190-32 by 1-1/2 unpainted Phillips round head screws.

(f) Install B-562380 header using four .190-32 by 1 unpainted hex socket head cap screws and six .190-32 by 5/8 unpainted Phillips round head screws.

(g) Perform operations outlined in 5.06 (l) through (u).

(h) Install T6, T8, and T13 (2) trim strips.

(i) Crimp the edges of trim strips T6 and T13 every six inches using RS-14770 soft faced hammer and a center punch (Fig. 14). T8 will be secured by the outside kickplate.

(j) Install four B-565767 brackets (Fig. 15) on the center column of the F-2 wall using eight .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

(k) Install P5 panel (Fig. 15) using four B-565766 clamps and twelve .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

(l) Install K11 outside kickplate (Fig. 15) using six .164-18 by 1/2 painted Phillips flathead self-tapping screws.

(m) Install electric wiring as outlined in Part 8.

(n) Install telephone wiring as outlined in Part 9 and install the coin telephone wiring.

(o) Perform operations outlined in 5.06 (ad) through (aj).

(p) Install glass panels as follows:

Caution: Use gloves and goggles when handling glass panels.

Note 1: Install the panels with the manufacturer's trade name toward the bottom and the lip of the glazing strips toward the outside of the booth. The trim strips fit under the lip of the glazing strips.

Note 2: Use Red Devil Vacuum Cup Glass Lifters for handling panels.

1. Apply glazing strips to glass panels as follows and install panels in positions indicated. See Fig. 17 for installing door panels. Rear panels are similarly installed.

GLAZING STRIP	GLASS PANEL	POSITION INSTALLED
G1	List 51	Door
G2	List 53	Back

2. Insert B-562317-2 retaining strips along the top of door panels (Fig. 17).

3. Insert B-562317-4 retaining strips along the left edges of door panels as viewed from the rear.

4. Insert B-562317-3 retaining strips along the right edges of door panels as viewed from the rear.

5. Insert B-562317-1 retaining strips along the bottom of door panels and secure with two .138-32 by 1/8 hex socket cup point setscrews.

6. Install retaining strips as follows:

Note: Install top strips first, side strips next, and bottom strips last.

RETAINING STRIP	POSITION INSTALLED	SEE FIGURE
R14	F-2 wall, top	15
R8	F-2, wall, left	15
R22	F-2 wall, right	15
R16	F-2 wall, bottom	15

(q) Install R20 retaining strip (Fig. 13) on the door header.

(r) Install R23 retaining strip on the door header using three .138-32 by 3/16 painted Phillips round head screws.

(s) Install K5 inside kickplate (Fig. 15) using four .164-18 by 1/2 painted Phillips flathead screws.

(t) Install KS-19340, List 53 or List 54 backboard using six 1/4-20 by 1-1/2 unpainted Phillips round head screws (Fig. 7).

Note: See Table B for use of List 53 and List 54 backboards.

(u) Install coin telephone.

(v) Insert 40 watt circular fluorescent lamp and install dome assembly.

(w) Install seat assembly as outlined in 5.06 (ar).

(x) Install shelf assembly as outlined in 5.06 (as).

6. INSTALLATION — LIST 34 UNIT FOR EXTENDING SIDE-BY-SIDE ARRANGEMENT

Note 1: The List 34 booth is used to add units to existing side-by-side installations. Each List 34 unit consists of an F-2 wall and an F-4 wall. See Fig. 10 for various arrangements of walls.

Note 2: A side-by-side arrangement can be extended either to the left or right.

Note 3: All screws threaded into aluminum parts shall be coated with KS-19094, List 1 antiseize compound.

6.01 Extend an existing single or multiple arrangement to the left as follows:

(a) Remove power from booth or booths.

(b) Remove eleven .164-32 by 3/8 painted Phillips round head screws (Fig. 12) which secure door hinge to F-3 wall of List 31 or List 33 booth.

Caution: Exercise care not to break the glass panels nor damage the actuator and roller located on the top of the door.

(c) Remove the seat assembly in the reverse procedure outlined in 5.06(ar).

(d) Remove four .164-18 by 1/2 painted Phillips flathead self-tapping screws, K5 kickplate, and R16 retaining strip (Fig. 15).

(e) Remove six .164-18 by 1/2 painted Phillips flathead self-tapping screws, K3 kickplate, and R15 retaining strip (Fig. 20).

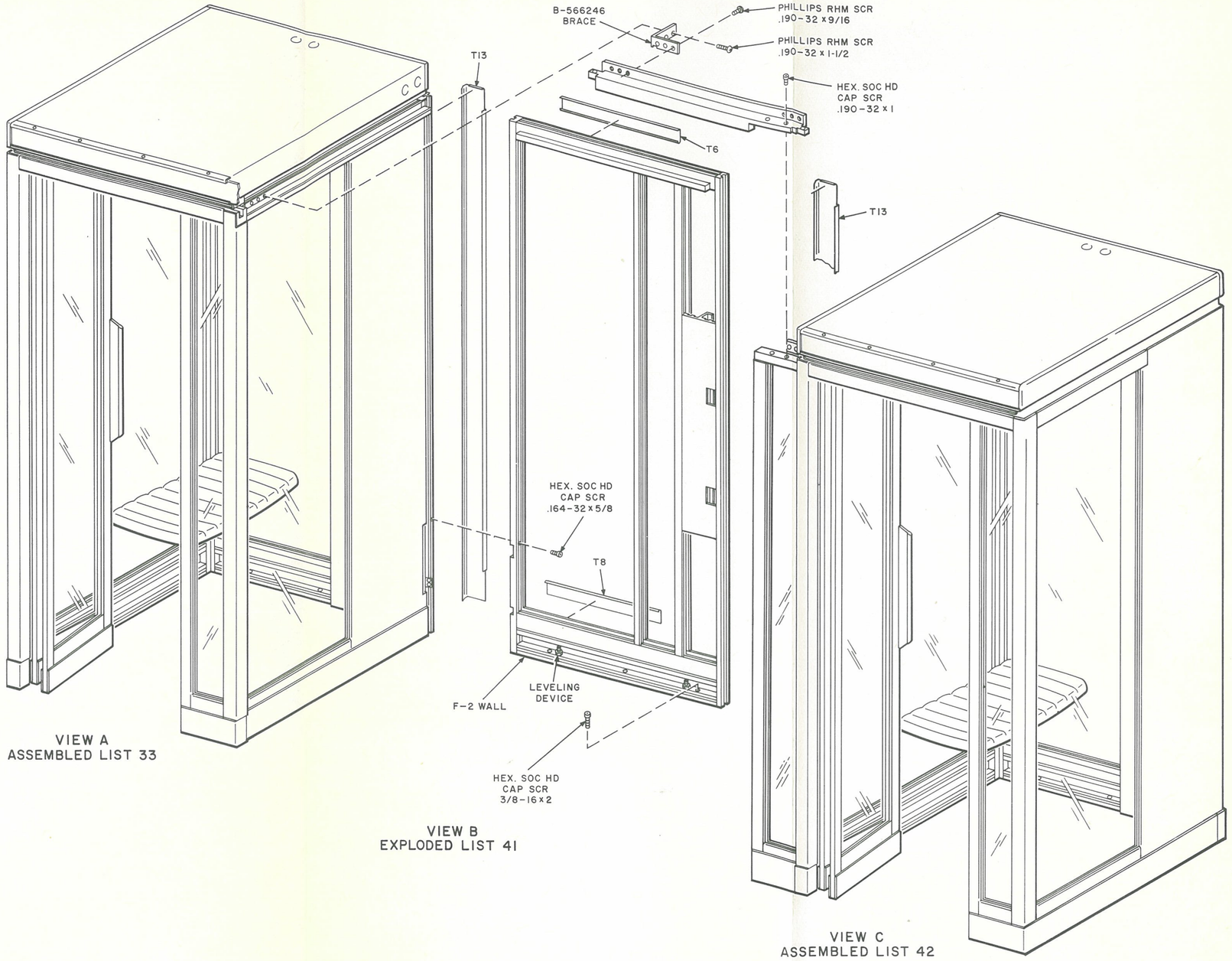


Fig. 19 — Installation of List 41 Booth

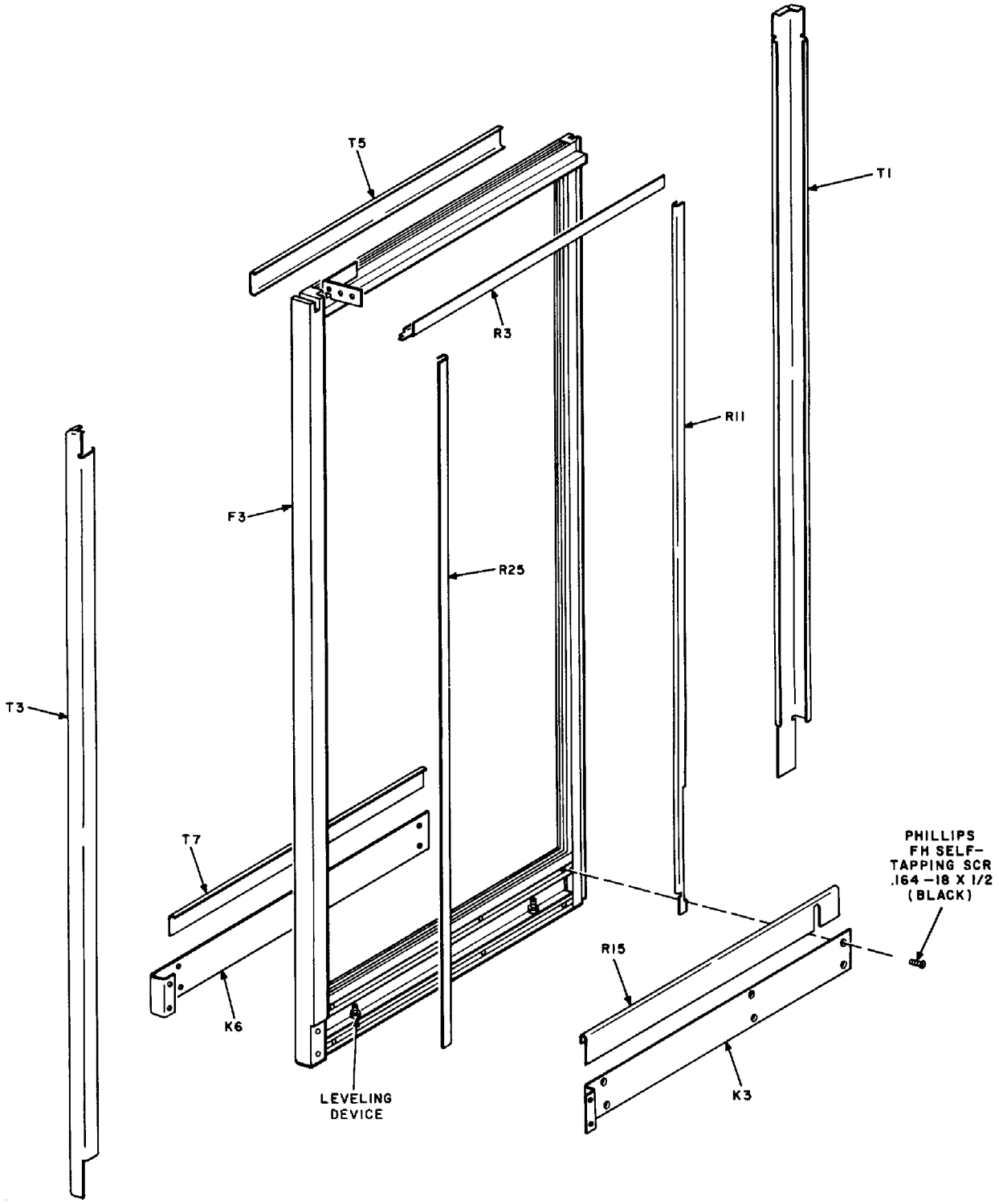


Fig. 20 — F-3 Wall

(f) Remove the following retaining strips in the sequence shown.

RETAINING STRIP	LOCATION	SEE FIGURE
R25	F-3 wall	20
R11	F-3 wall	20
R3	F-3 wall	20
R8	F-2 wall	15
R22	F-2 wall	15
R14	F-2 wall	15

(g) Remove glass panels from the left and rear walls using Red Devil Vacuum Cup Glass Lifters.

Caution: Use gloves and goggles when handling glass panels.

(h) Remove dome assembly (Fig. 3).

(i) Remove the fluorescent lamp.

(j) Remove four .164-18 by 5/16 painted Phillips binding head self-tapping screws, B-562379 angle, and telephone sign from List 31 or List 33 booth. (See Fig. 12.)

Note: If a List 63 sign (see Table B) exists on a multiple arrangement the screws and angle must be removed from two booths.

(k) Remove three .164-32 by 5/8 hex socket head cap screws and remove B-562375 roof from the booth.

(l) Disconnect electric and telephone wiring including wiring from the blower switch.

(m) Remove eleven .164-18 by 5/16 unpainted Phillips round head self-tapping screws (Fig. 12) which secure ceiling assembly to the booth frame.

(n) Remove three .164-32 by 5/16 unpainted Phillips round head screws which secure ceiling assembly to the header and remove the ceiling assembly.

(o) Remove five .164-18 by 5/16 painted round head self-tapping screws which secure air intake to header.

(p) Remove two .164-18 by 1/2 unpainted Phillips round head self-tapping screws which secure air intake to the corner braces and remove the air intake.

(q) Remove four .190-32 by 1 unpainted hex socket head cap screws and six .190-32 by 5/8 unpainted Phillips round head screws and remove the header.

(r) Remove T1 trim strip (Fig. 21) from left rear corner of booth.

(s) Remove the two 3/8-16 by 2 hex socket head cap screws which secure the left wall to the floor.

(t) Remove six .164-32 by 5/8 hex socket head cap screws which secure C3 column to the rear wall. Move the left wall, with C3 attached, aside.

(u) Install C1 column on the left edge of the rear wall using the six screws removed in (t).

Ensure that C1 is fully seated. If not, the booth can not be squared properly.

(v) Install KS-19732 template (Fig. 2) on the floor in position to the left of List 31 or List 33 booth. Align template holes 7 and 9 with the holes from which the two screws were removed in (s). Insert two 1/4 by 1-1/2 steel rods in the holes to keep the template from slipping while drilling.

Note: It may be necessary to remove the anchor screws from the rear wall and move the left corner slightly backward in order to install the template.

(w) Drill 1/4-inch holes at positions 1, 3, 4, 6, and 10 to a depth of approximately 1-1/4 inches. Remove template.

(x) The booth is secured to a masonry floor with 3/8-16 by 2 hex socket head cap screws. Select the proper machine bolt anchor to accommodate this size screw and enlarge the holes drilled in (w) sufficiently to accept anchors. See the appropriate BSP Section on masonry fasteners.

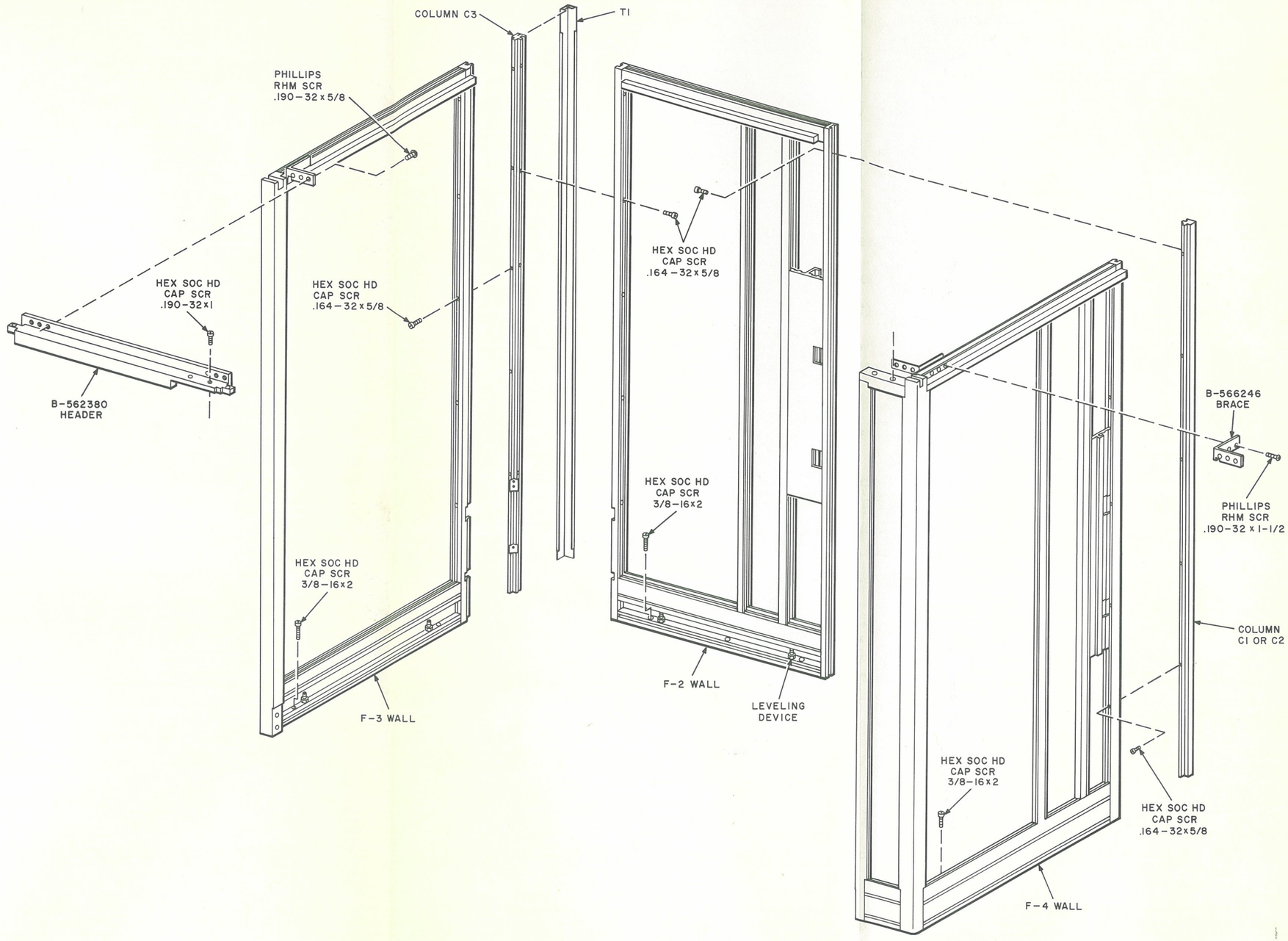


Fig. 21 — Addition of List 34 Unit

Note: Lag or wood screws of equivalent holding power should be used in wood floors.

(y) Place F-4 wall (Fig. 21) of List 34 booth package in the position from which F-3 wall was removed.

In performing the operations in (z) through (ad) ensure that corners are fully seated. If not, the booth can not be squared properly.

(z) Secure F-4 wall to C1 column using six .164-32 by 5/8 unpainted hex socket head cap screws.

(aa) Insert three 3/8-16 by 2 unpainted hex socket head cap screws in the floor. Do not tighten.

(ab) Place F-2 wall of List 34 booth package in position and secure to C1 column using six .164-32 by 5/8 unpainted hex socket head cap screws.

(ac) Insert two 3/8-16 by 2 unpainted hex socket head cap screws in the floor. Do not tighten.

(ad) Place F-3 wall in position and secure C3 column to the rear wall using six .164-32 by 5/8 unpainted hex socket head cap screws.

(ae) Insert two 3/8-16 by 2 unpainted hex socket head cap screws in the floor. Do not tighten.

(af) Determine that the two booths are square and level and tighten all the floor screws.

(ag) Install B-566246 brace on each side of F-4 wall using three .190-32 by 1-1/2 unpainted Phillips round head screws in each brace.

(ah) Install B-562380 headers, B-562377 air intakes, ceiling assemblies, and blower switches on the two booths as outlined in 5.06 (k) through (s).

Note: Blower switch is already in one booth.

(ai) Install the two doors as outlined in 5.06 (t).

(aj) Install B-650429 block assembly (Fig. 13) on the new header using one .190-32 by 1 painted Phillips flathead screw.

(ak) Install T9 trim strips (Fig. 13) over the door headers.

(al) Refer to Fig. 21 and install T1 trim strip, removed in (r).

(am) Refer to Fig. 22 and install T4, T10, T11, and T13 trim strips.

(an) Refer to Fig. 15 and install T6 and T8 trim strips.

(ao) Crimp the edges of the trim strips except T8 and T11 approximately every six inches using RS-14770 soft faced hammer and a center punch (Fig. 14).

Note: T8 and T11 will be secured by the kickplates.

(ap) Install four B-565767 brackets (Fig. 22) on the center column of the rear wall using eight .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

(aq) Install P5 panel using four B-565766 clamps and twelve .164-18 by 5/16 unpainted round head self-tapping screws.

(ar) Install P7 panel using the same procedure outlined in (ap) and (aq).

(as) Transfer K8 kickplate (Fig. 15) from the second booth to the new booth.

(at) Install K11 kickplate in the position vacated by K8 using six .164-18 by 1/2 painted Phillips flathead self-tapping screws.

(au) Install electric wiring as outlined in Part 8.

(av) Install telephone wiring as outlined in Part 9 and install the coin telephone wiring.

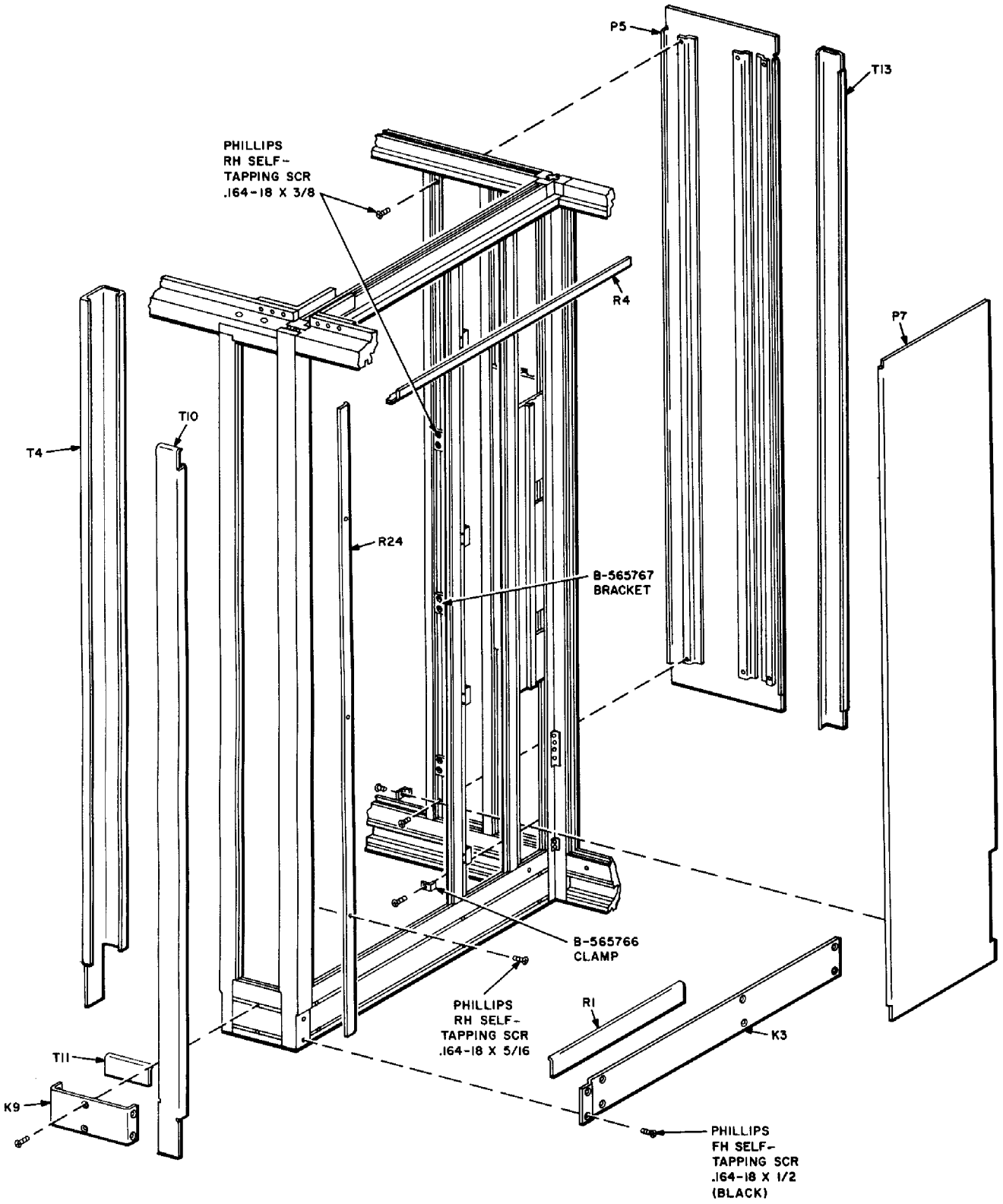


Fig. 22 — F-4 Wall

(aw) Remove coverplates from the blower switches and install P1 panel (Fig. 16). See Fig. 6 for correct method of installation. Secure P1 to wall using two .164-18 by 3/8 unpainted Phillips round head self-tapping screws.

(ax) Install coverplate over blower switch.

(ay) Install P2 panel (Fig. 15) using Fig. 6 as a guide. Secure P2 to wall using two .164-18 by 3/8 unpainted Phillips round head self-tapping screws.

(az) Connect Twist-Lock plugs for blower and lock switches.

(ba) Install roof trim as necessary using .164-18 by 5/8 unpainted Phillips round head self-tapping screws.

(bb) Place B-562375 roofs (Fig. 12) on ceiling assemblies. Use the three cap screws removed in (k) for the old roof and the three screws furnished with the new roof.

(bc) Install the telephone sign or signs in reverse order outlined in (j).

(bd) Install glass panels as outlined in 5.06 (ak).

(be) Apply G4 glazing strip to List 57 glass panel. Install the panel in the left side of the end booth.

(bf) Install R3, R25, R11, and R15 retaining strips in sequence (Fig. 20).

(bg) Install R20 retaining strip (Fig. 13) on the door header.

(bh) Install R23 retaining strip on the door header using three .138-32 by 3/8 painted Phillips round head screws.

(bi) Install K3, K4, and K5 kickplates using .164-18 by 1/2 painted Phillips flathead self-tapping screws as necessary.

(bj) Perform operations outlined in 5.06 (ao) through (as).

6.02 Extend an existing single or multiple arrangement to the right as follows:

(a) Remove power from booth or booths.

(b) Loosen three tamper proof screws (Fig. 5) using KS-19192, List 1 wrench. Pull B-562352 and B-562354 supports forward and up and remove the glass shelf.

(c) Remove six .164-18 by 1/2 painted Phillips flathead self-tapping screws and K4 kickplate (Fig. 16).

(d) Remove two .164-18 by 3/8 unpainted Phillips round head self-tapping screws from P1 and P2. Refer to Fig. 6 and remove P1 and P2 panels.

(e) Perform operations outlined in 6.01 (g) through (q).

(f) Refer to Fig. 15 and remove P3 panel from the rear wall.

(g) Remove three 3/8-16 by 2 hex socket head cap screws which secure the F-1 wall to the floor.

(h) Remove six .164-32 by 5/8 hex socket head cap screws which secure C2 column (Fig. 21) to the rear wall.

(i) Move the right wall, with C2 attached, aside.

(j) Install C1 column on the right edge of the rear wall using six screws removed in (i).

If the columns are not fully seated, the booth can not be squared properly.

(k) Install KS-19732 template (Fig. 2) on the floor in position to the right of List 32 or List 42 booth. Align template holes 1 and 2 or 1 and 3, whichever is applicable, with the holes in the floor. Insert two 1/4 by 1-1/2 steel rods in the holes to keep the template from slipping while drilling.

Note: It may be necessary to remove the anchor screws from the rear wall and move the right corner slightly backward in order to install the template.

(l) Drill 1/4-inch holes at positions 4, 6, 7, 9, and 10 to depth of approximately 1-1/2 inches. Remove template.

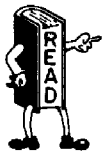
(m) The booth is secured to a masonry floor with 3/8-16 by 2 hex socket head cap screws. Select the proper machine bolt anchor to accommodate this size screw and enlarge the holes drilled in (l) sufficiently to accept anchors. See the appropriate BSP Section on masonry fasteners.

Note: Lag or wood screws of equivalent holding power should be used in wood floors.

(n) Place F-4 wall (Fig. 21) of List 34 booth package in the position from which F-1 wall was removed.

(o) Perform operations outlined in 6.01 (z) through (ac).

(p) Place F-1 wall (Fig. 11, View B) in position and secure C2 column to the rear wall using six .164-32 by 5/8 unpainted hex socket head cap screws.



Ensure that wall is fully seated in column. If not, the booth can not be squared properly.

(q) Insert three 3/8-16 by 2 unpainted hex socket head cap screws in the floor. Do not tighten.

(r) Determine that the two booths are square and level and tighten all floor screws.

(s) Install B-566246 brace (Fig. 21) on each side of F-4 wall using six .190-32 by 1-1/2 unpainted Phillips round head screws.

(t) Install B-562380 headers, B-562377 air intakes, ceiling assemblies, and blower switches on the two booths as outlined in 5.06 (k) through (s).

(u) Install door on new booth as outlined in 5.06(t).

(v) Perform operations outlined in 6.01 (aj), (ak), and (am) through (bd).

(w) Perform operations outlined in 6.01 (bg) through (bi).

(x) Perform operations outlined in 5.06 (ao) through (as).

7. INSTALLATION — BACK-TO-BACK MULTIPLE ARRANGEMENT

Note 1: All booths of a back-to-back multiple arrangement must be assembled on site.

Note 2: Because of the complexity of this arrangement, one booth will be designated the prime (P) or first booth. This booth will be the left-hand booth of the front line-up.

Note 3: All screws threaded into aluminum parts shall be coated with KS-19094, List 1 antiseize compound.

Note 4: If any booth of this arrangement is to be installed against wall, post, or column, determine if this surface is plumb, using a 4-ft. level. If any misalignment exists, allow sufficient distance at the base when locating the template.

Note 5: See Note 3 in Part 4.

7.01 Use a chalk line and mark the floor where the front edge of the line-up will be.

7.02 Use KS-19732 template (Fig. 2) and drill holes in the floor as follows:

(a) Place template in the position where the prime booth will be mounted.

(b) Using the template as a guide, drill 1/4-inch holes at positions 1, 3, 4, 6, 7, 9, and 10 to a depth of approximately 1-1/4 inches.

Note: After the first two holes are drilled, insert two 1/4 by 1-1/2 steel rods, furnished with template, in these holes to prevent the template from slipping while drilling the remaining holes.

(c) If this arrangement consists of only two booths, move the template behind the first position as shown in Fig. 23, view A, and align template holes 4 and 6 with previously drilled holes 6 and 4, respectively. Insert the two steel rods in these holes.

(d) Drill 1/4-inch holes at positions 1, 3, 7, 9, and 10 to a depth of approximately 1-1/4 inches.

(e) If this arrangement consists of more than two booths, move the template to the right of the prime position as shown in Fig. 23, view B, and align template holes 1 and 3 with previously drilled holes 9 and 7, respectively. Insert the two steel rods in these holes.

(f) Drill 1/4-inch holes at positions 4, 6, 7, 9, and 10 to a depth of approximately 1-1/4 inches.

(g) Follow the procedures in (c) through (f) to lay out and drill for as many booths as necessary.

7.03 Booths are secured to a masonry floor with 3/8-16 by 2 hex socket head cap screws. Select the proper machine bolt anchor to accommodate this size screw and enlarge the holes drilled in 7.02 sufficiently to accept anchors. See the appropriate BSP Section on masonry fasteners.

Note 1: Lag or wood screws of equivalent holding power should be used in wood floors.

Note 2: The first unit or prime booth of a back-to-back multiple arrangement may be either a List 35 or a List 38 booth (Fig. 24). They are shipped unassembled and must be

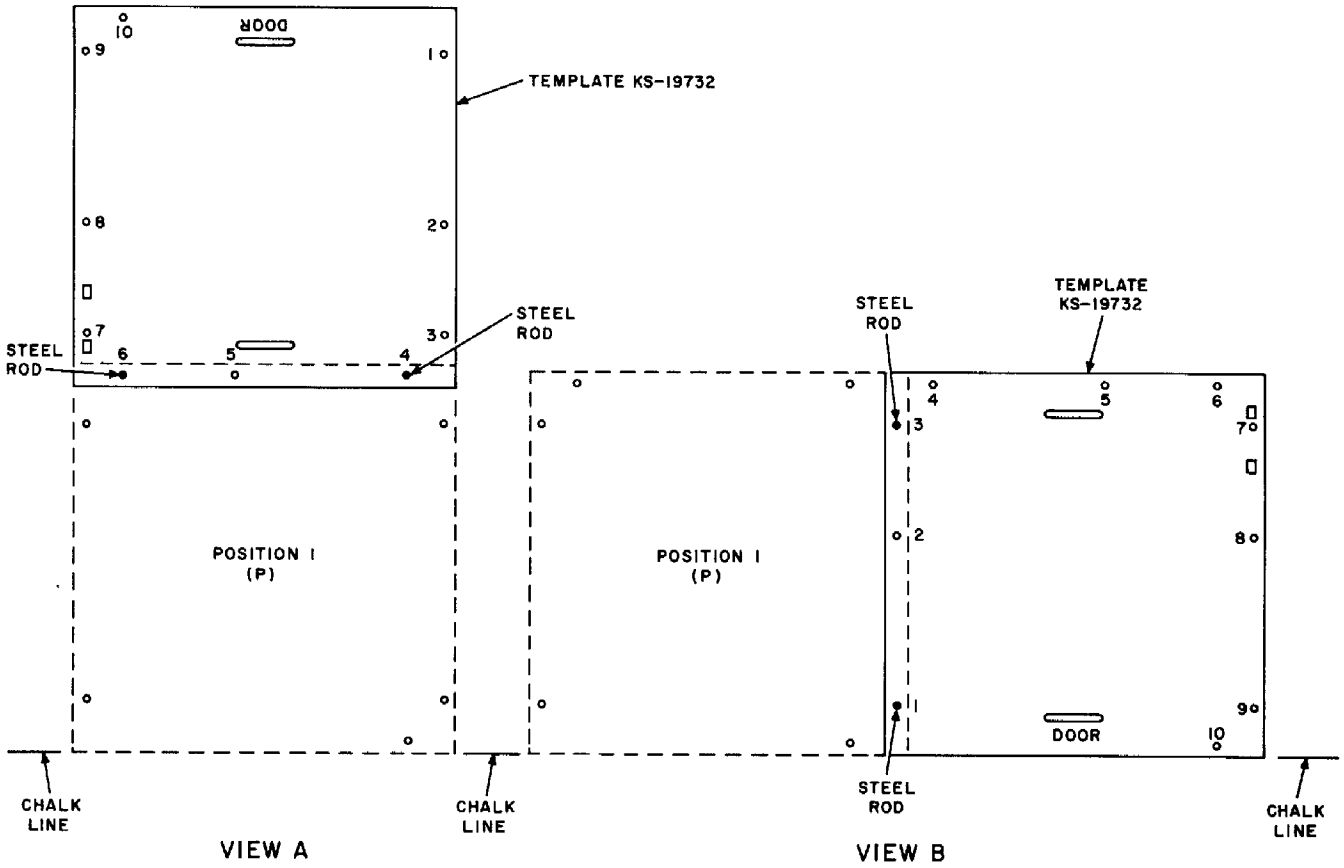


Fig. 23 — Layout for Back-To-Back Arrangement

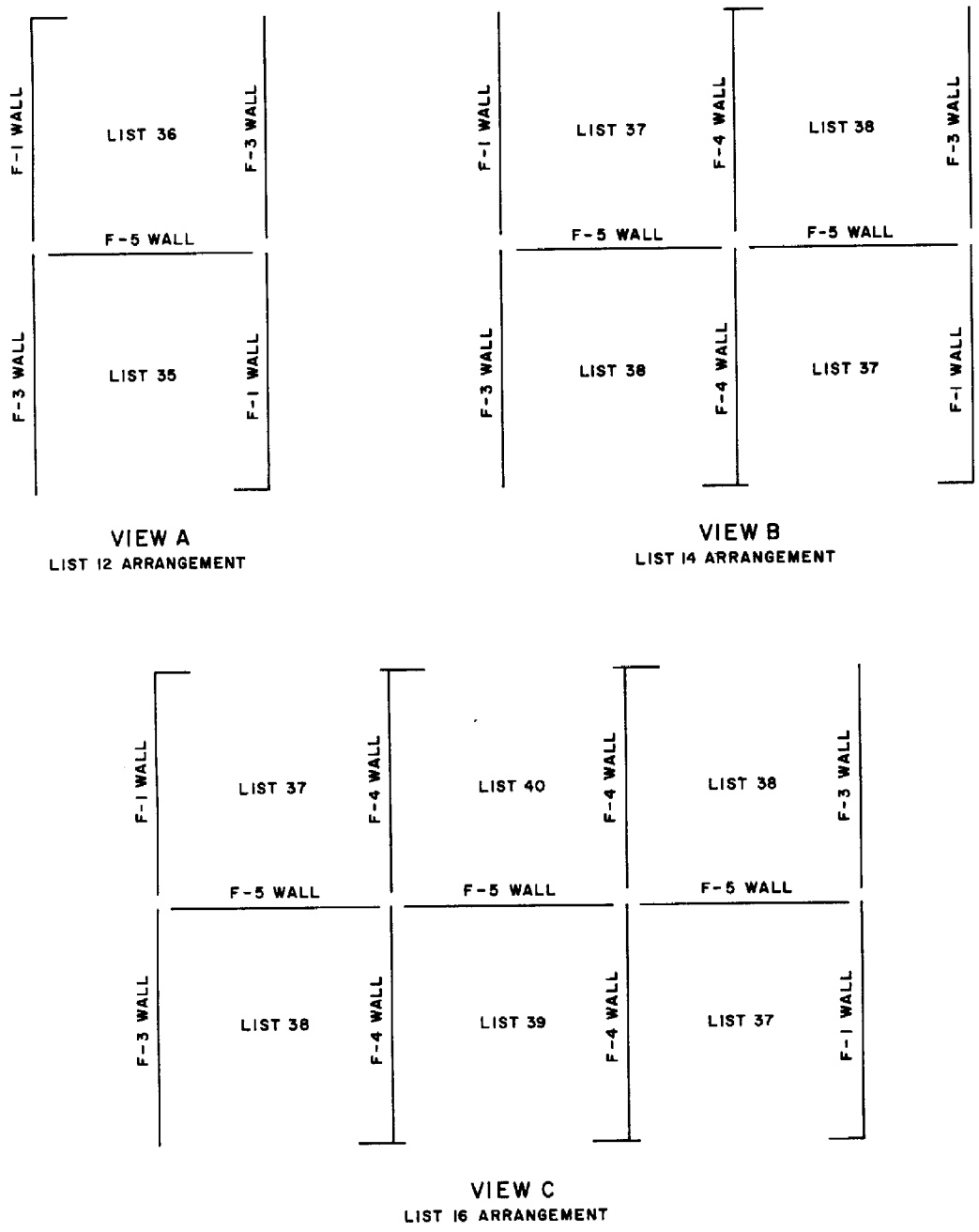


Fig. 24 — Various Multiple Arrangements for Back-To-Back Installations

assembled on site. List 35 is used if only two booths are installed. List 38 is used if more than two booths are installed.

7.04 For the installation of a List 12 arrangement (Fig. 24, view A) perform the following operations.

(a) Place one F-3 wall frame (Fig. 25) in position for the left wall of the prime booth.

(b) Insert two 3/8-16 by 2 unpainted hex socket head cap screws in the floor. Do not tighten.

In performing the operations in (c) through (f), ensure that corners are fully seated. If not, the booth can not be squared properly.

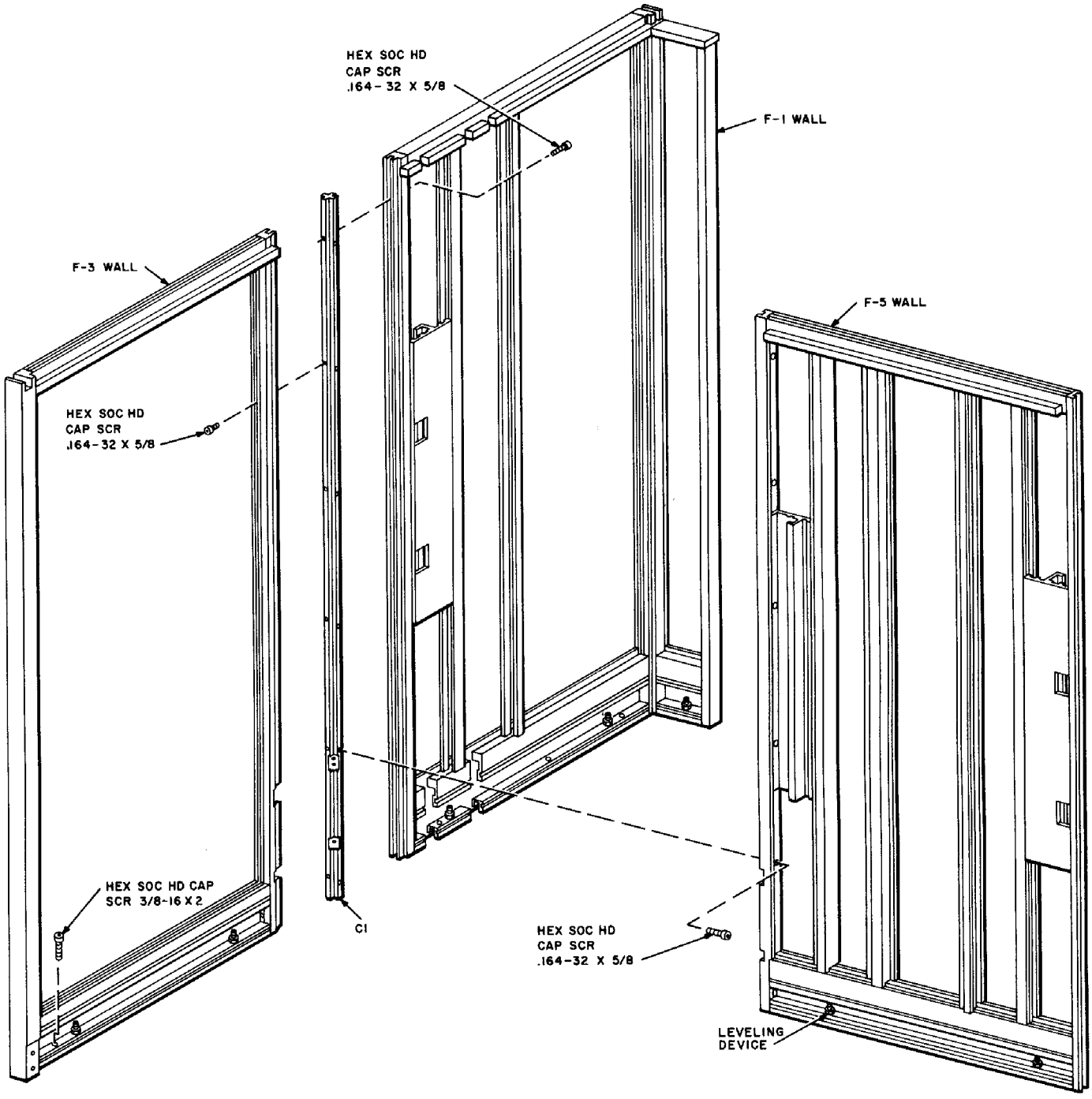


Fig. 25 — Assembly of F-1, F-3, and F-5 Walls

(c) Install C1 column on the rear of F-3 wall using six .164-32 by 5/8 unpainted hex socket head cap screws.

(d) Place F-5 wall frame in position and secure to C1 using six .164-32 by 5/8 unpainted hex socket head cap screws.

(e) Insert two 3/8-16 by 2 unpainted hex socket head cap screws in the floor. Do not tighten.

(f) Place F-1 wall frame in position behind F-3 and secure to C1 using six .164-32 by 5/8 unpainted hex socket head cap screws.

(g) Insert three 3/8-16 by 2 unpainted hex socket head cap screws in the floor. Do not tighten.

(h) Follow procedures outlined in (a) through (g) and install the other C1 column, F-1 wall, and F-3 wall.

(i) Determine that the booths are square and level and tighten the floor screws.

(j) Perform operations on each booth as outlined in 5.06(j) through (u).

(k) Install T3, T5, and T7 trim strips on F-3 walls (Fig. 20).

(l) Install T2, T4, T6, T8, and T11 trim strips on F-1 walls (Fig. 16).

(m) Install T12 trim strip between F-1 and F-3 walls (Fig. 26).

(n) Crimp the edges of the trim strips, except T7, T8, T11, and T12 approximately every six inches using RS-14770 soft faced hammer and a center punch (Fig. 14).

Note: T7, T8, and T11 will be secured by the kickplates.

(o) Install four B-565767 brackets on F-1 walls as shown on Fig. 16 using eight .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

(p) Install eight B-565767 brackets on the F-5 wall as shown on Fig. 27 using sixteen .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

(q) Install P6 panel (Fig. 26) on each of F-1 walls using four B-565766 clamps and twelve .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

(r) Install P8 and P9 panels (Fig. 27) on F-5 wall using the same procedure as outlined in (q).

(s) Install K6 and K7 outside kickplates (Fig. 20 and 16, respectively) using .164-18 by 1/2 painted Phillips flathead self-tapping screws as necessary.

(t) Install electric wiring as outlined in Part 8.

(u) Install telephone wiring as outlined in Part 9 and install the coin telephone wiring.

(v) Remove coverplate from blower switch and install P1 panels on F-1 walls (Fig. 16). See Fig. 6 for correct method of installation. Secure P1 to each wall using two .164-18 by 3/8 unpainted Phillips round head self-tapping screws.

(w) Install coverplates over blower switches.

(x) Install P2 and P10 panels (Fig. 27) on F-5 walls (See Fig. 6). Secure P2 and P10 to walls using four .164-18 by 3/8 unpainted Phillips round head self-tapping screws.

(y) Connect Twist-Lock plugs for blower switches and lock switches.

(z) Install roofs and telephone signs as outlined in 5.06 (ah) through (aj).

(aa) Install glass panels as follows:

Caution: Use gloves and goggles when handling glass panels.

Note 1: Install panels with the manufacturer's trade name toward the bottom and the lip of the glazing strips toward the outside of the booth. The trim strips fit under the lip of the glazing strips.

Note 2: Use Red Devil Vacuum Cup Glass Lifters for handling panels.

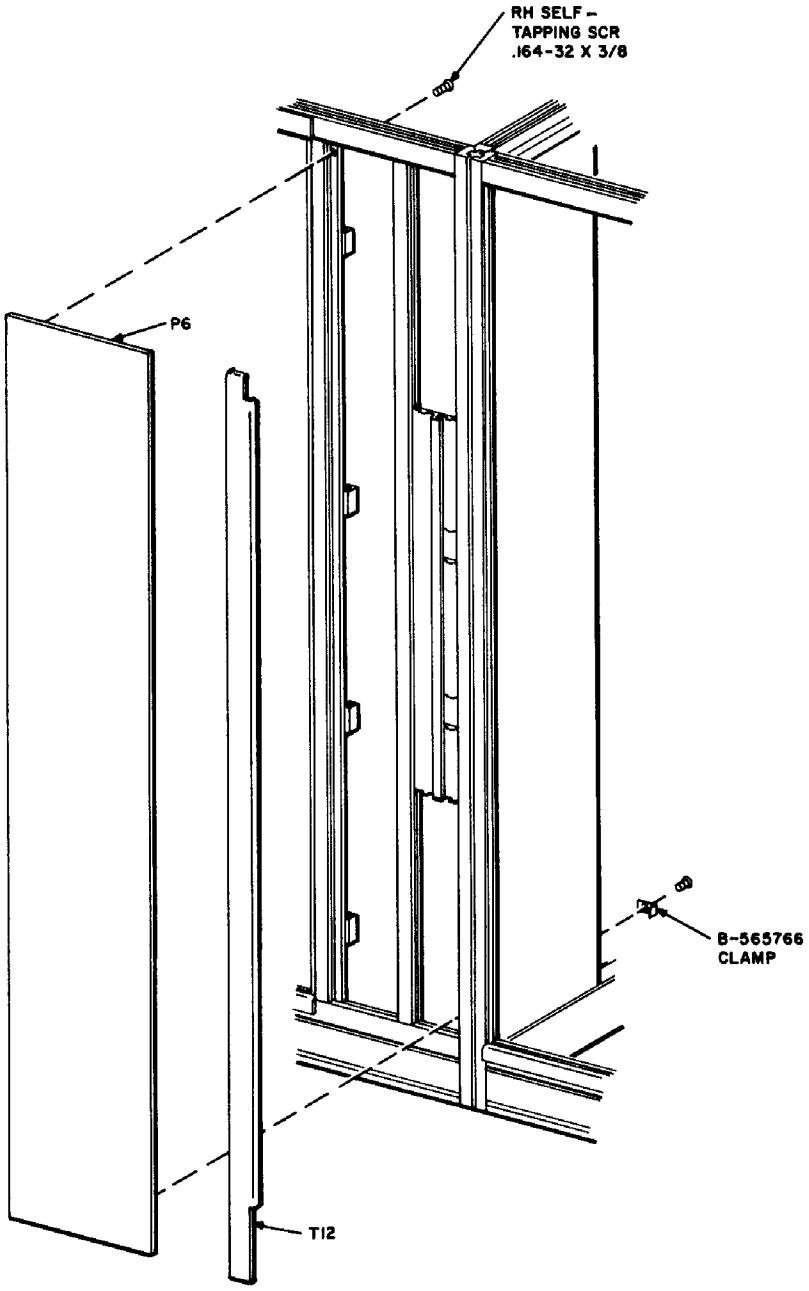


Fig. 26 —F-1 and F-3 Walls Assembled Back-To-Back

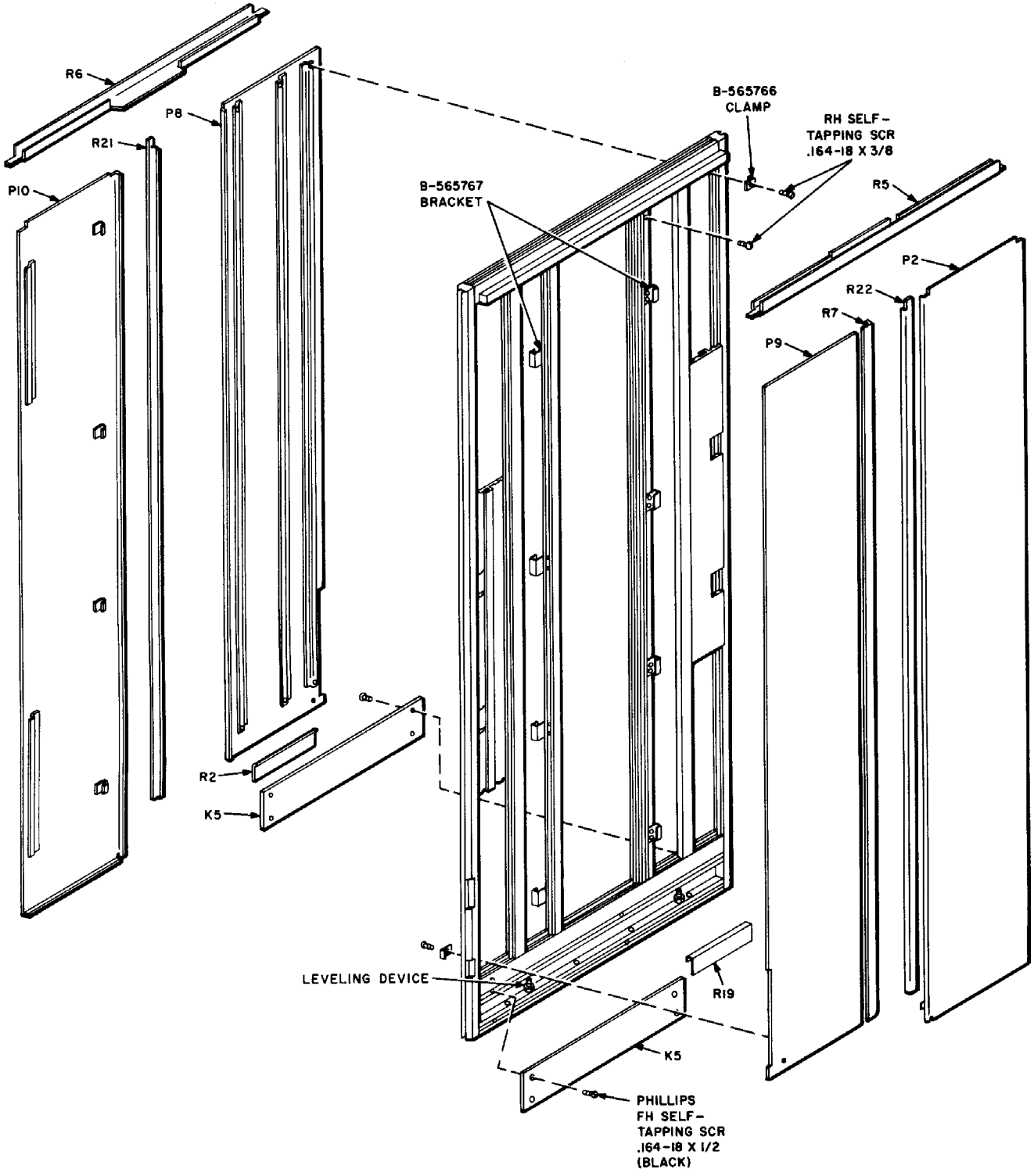


Fig. 27 — F-5 Wall

1. Apply glazing strips to glass panels as follows and install panels in positions indicated. See Fig. 17 for installing door panels. Side and rear panels are similarly installed.

GLAZING STRIP	GLASS PANEL	POSITION INSTALLED
G1	List 51	Doors
G2	List 53	F-1 walls (and F-4 walls where applicable)
G3	List 55	F-5 walls
G4	List 57	F-3 walls
G5	List 59	Front

2. Insert B-562317-2 retaining strips along the top of door panels (Fig. 17).

3. Insert B-562317-4 retaining strips along the left edge of door panels as viewed from the rear.

4. Insert B-562317-3 retaining strips along the right edges of door panels as viewed from the rear.

5. Insert B-562317-1 retaining strips along the bottom of door panels and secure with two .138-32 by 1/8 hex socket cup point setscrews.

6. Install retaining strips on walls as follows:

Note: Install top strips first, side strips next, and bottom strips last.

RETAINING STRIP	POSITION INSTALLED	SEE FIGURE
R3	F-3 walls, top	20
R11	F-3 walls, rear	20
R25	F-3 walls, front	20
R15	F-3 walls, bottom	20
R13	F-1 walls, top	16
R7	F-1 walls, next to P1	16
R10	F-1 walls, next to front corner	16
R17	F-1 walls, bottom	16
R12	Front walls, next to door	16
R9	Front walls, corner	16
R18	Front walls, bottom	16
R6	F-5 walls, top of P8 and P10	27
R21	F-5 walls next to P10	27
R2	F-5 walls, bottom between P8 and P10	27
R5	F-5 walls, top of P2 and P9	27
R7	F-5 walls, next to P9	27
R22	F-5 walls, next to P2	27
R19	F-5 walls, bottom between P2 and P9	27

(ab) Install R20 retaining strip (Fig. 13) on the door header.

(ac) Install R23 retaining strip on the door header using three .138-32 by 3/16 painted Phillips round head screws.

(ad) Install K3, K5(2), and K7 inside kickplates (Fig. 20, 27, and 16, respectively) using eighteen .164-18 by 1/2 painted Phillips flathead screws.

(ae) Perform operations outlined in 5.06 (ao) through (as).

7.05 For the installation of a List 14 or List 16 arrangement (Fig. 24, views B and C) or any back-to-back multiple arrangement of more than two booths, perform the following operations.

(a) Perform the operations outlined in 7.04 (a) through (g).

(b) Follow the procedures outlined in 7.04 (a) through (g) to install as many F-4 walls, F-5 walls, and C1 columns as desired. Install F-1 and F-3 walls to complete the end booths.

(c) Determine that the booths are square and level and tighten the floor screws.

(d) Perform the operations on each booth as outlined in 5.06 (j) through (u).

(e) Perform operations as outlined in 7.04 (k) through (m).

(f) Install trim strips T4, T10, and T11 on F-4 walls (Fig. 22).

(g) Perform operations outlined in 7.04 (n) through (p).

(h) Install four B-565767 brackets on F-4 walls as shown on Fig. 22, using eight .164-18 by 5/16 unpainted Phillips round head self-tapping screws.

(i) Using B-565766 clamps and .164-18 by 5/16 unpainted Phillips round head self-tapping screws as necessary, install P6 panel (Fig. 16) on each of F-1 walls, P7 panel (Fig. 22) on each of F-4 walls, and P8 and P9 panels (Fig. 27) on each of F-5 walls.

(j) Install K9 outside kickplate (Fig. 22) on each of F-4 walls using six .164-18 by 1/2 painted Phillips flathead self-tapping screws.

(k) Perform operations outlined in 7.04 (s) through (y).

Note: P1 panel is installed on F-4 walls as outlined in 7.04(v).

(l) Install roofs and telephone signs as outlined in 5.06 (ah) through (aj).

(m) Install glass panels as directed in 7.04 (aa).

(n) Install R4, R24, and R1 retaining strips, respectively (Fig. 22) on each of F-4 walls. Use three .164-18 by 5/16 painted Phillips round head self-tapping screws to secure R24.

(o) Perform operations outlined in 7.04 (ab) through (ad).

(p) Perform operations outlined in 5.06 (ao) through (as).

8. ELECTRIC WIRING

8.01 Run the power cable into a booth from the base or top as follows:

(a) If the entrance is made from the floor, extend cable to the ceiling area utilizing the cutout provided in F-1 or F-4 wall (Fig. 4). Terminate cable at the electrical receptacle located in the left rear corner of the ceiling.

(b) If the entrance is made from the top, use KS-16797, List 15 cable assembly (Fig. 12) and run cable through one of the 7/8-inch knockouts provided in the roof, either top, side or rear. Terminate cable at the electrical receptacle located in the left rear corner of the ceiling.

8.02 In multiple arrangements, run electric wiring from booth to booth through 7/8-inch knockouts in the roofs. Terminate all electrical wiring at the electrical receptacles located in the left rear corner of each booth.

9. TELEPHONE WIRING

9.01 Run the entrance cable or inside wires into a booth from the base or top as follows:

(a) If the entrance is made from the floor, extend cable to the ceiling area utilizing the cutout provided in F-1 or F-4 wall (Fig. 4). Terminate cable at the 42A-type connecting block located in the left rear corner of the ceiling.

Note: In cases of multiple arrangements, the 42A-type connecting block supplied may be replaced by a 30A-type to provide necessary terminations.

(b) If the entrance is made from the top, run the cable through one of the 7/8-inch knockouts provided in the roof, either top, side, or rear. Terminate cable at the connecting block located in the left rear corner of the ceiling. See note in 9.01(a).

9.02 In multiple arrangements, run telephone wiring from booth to booth through 7/8-inch knockouts in the roof. Terminate all telephone wiring at the 42A-type connecting block (or 30A-type connecting block if one is present).