

## F-57087 OR F-57218 BOOTH (CAPITOL KIOSK) IDENTIFICATION, INSTALLATION, AND MAINTENANCE

### 1. GENERAL

1.01 The capitol kiosk booth (Fig. 1) is an outdoor, diamond shaped steel and glass, doorless phone booth designed for single installation.

1.02 The F-57087 booth and the F-57218 booth are alike except the word phone in the F-57087 is lower case while the word PHONE in the F-57218 is upper case.

1.03 The booth is furnished with champagne colored porcelain enamel walls and bronze colored porcelain enamel legs and roof trim.

1.04 The capitol kiosk booth is intended for use on city side walks, at shopping centers, and on outdoor median strips.

1.05 It is designed to use a 1A1 or 1A2 coin telephone (Fig. 2).

1.06 The capitol kiosk booth is designed for stand-up service with the mounting surface serving as the floor.

1.07 This booth does not replace any previous booth.

### 2. IDENTIFICATION

2.01 The overall dimensions of the booth are:

- Height—88 1/3 inches
- Width—46 inches (measured from side corners)
- Depth—41 inches (measured from front to rear corner)

2.02 Each of the two walls consists of a curved steel framework, enclosed on the outside by solid porcelain enamel panels and enclosed on the inside by perforated porcelain enamel panels.

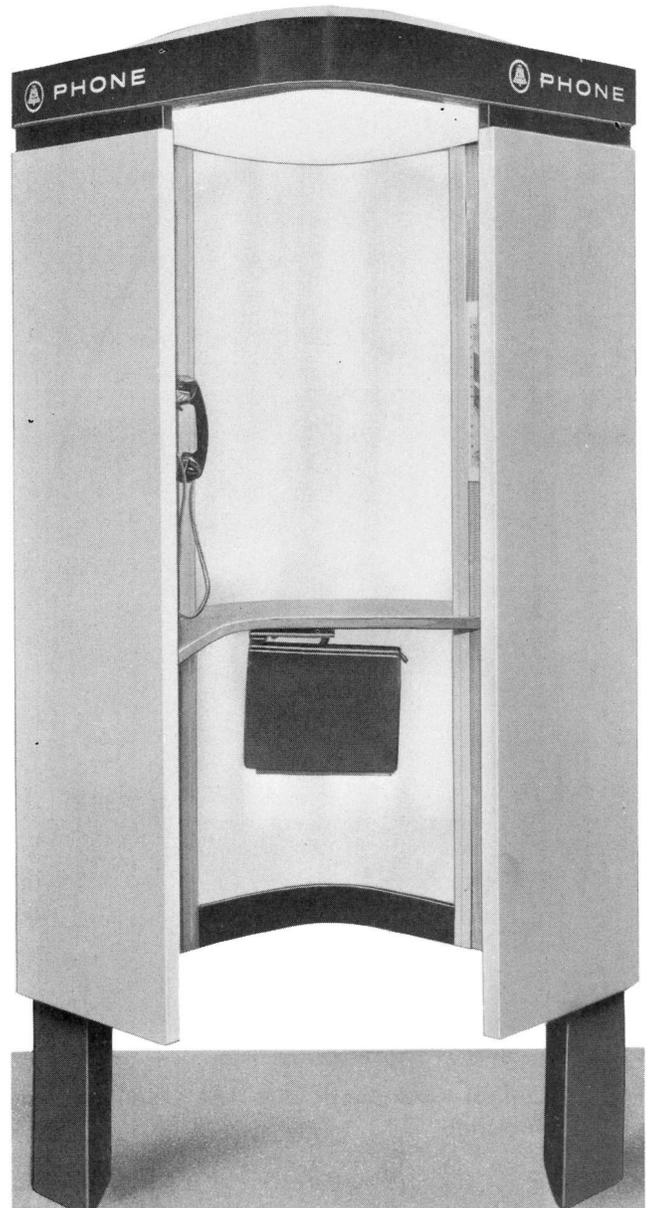
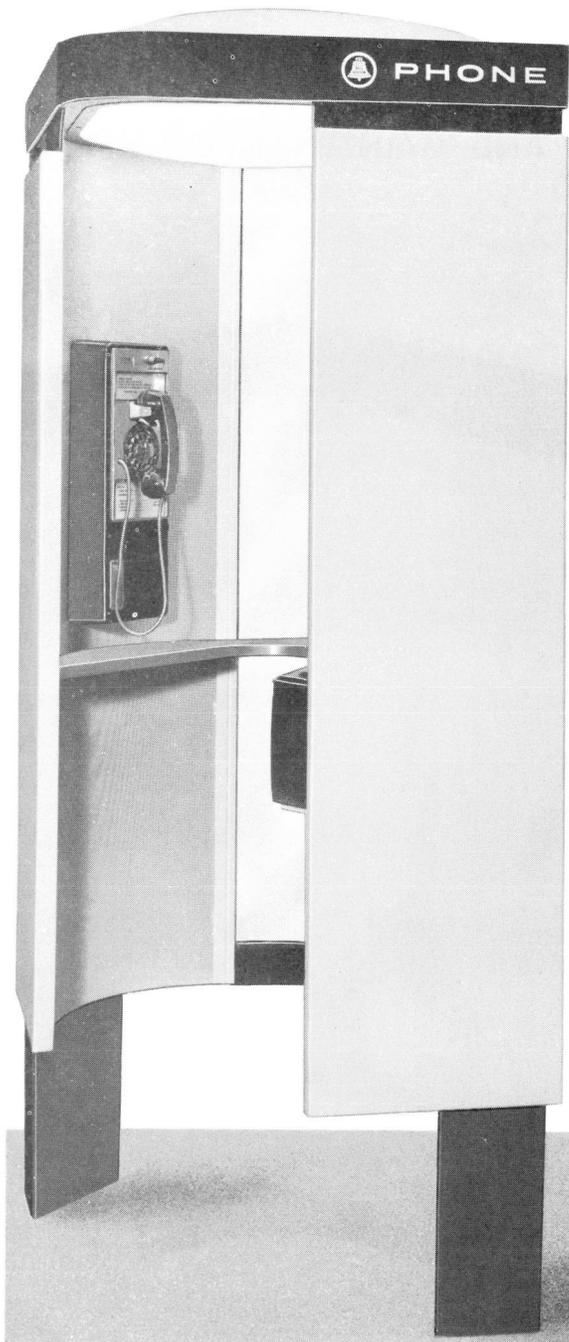


Fig. 1—F-57218 Booth (Capitol Kiosk)



**Fig. 2—Capitol Kiosk Booth with 1A1 Coin Telephone Installed**

**2.03** These frameworks are mounted on two triangular steel legs which extend up from the mounting surface. Approximately 15 inches of open space exists around the bottom of the booth with the exception of the two legs. Leveling studs are located in these legs.

**2.04** Two curved tempered glass panels fill the entire rear corner between the side walls (Fig. 3). These glass panels improve the acoustics and provide protection from inclement weather.

**2.05** The roof assembly consists of a steel framework with bronze porcelain enamel trim on the outer edge. The Bell System emblem and word PHONE (see 1.02) are punched in each of the four sides of the roof trim, and are illuminated by the dome lamps.

**2.06** The top dome is a plexiglass light diffuser which is bonded to the roof assembly with an adhesive sealant and secured with 12 B-699032 retaining clips and 12 No. 8-32 by 5/16 pan head self-tapping screws. (Fig. 4)



***Do not attempt to remove this diffuser unless it becomes damaged.***

**2.07** The ceiling consists of a plexiglass light diffuser which is held in place by a retaining strip and eight No. 8-32 by 5/8 FHM screws (Fig. 5).

**2.08** The booth is illuminated by one T12, 36-inch, and two T12, 24-inch high output fluorescent lamps (Fig. 6).

**2.09** A 2-pole, 15-amp circuit breaker (Fig. 7) is located under the shelf in the left wall and is used in conjunction with a KS-19261, List 3 light control assembly. Access for operating the circuit breaker switch is through a small sliding door (Fig. 8) in the perforated panel. The circuit breaker, lamps, and light control assembly are prewired.

**2.10** Since there is no door to the booth, no additional ventilation is required.

**2.11** A stainless steel writing shelf spans the left wall and rear glass panels (Fig. 9).

**2.12** A KS-20030, List 3 directory holder, capable of accepting a 4-inch directory, is mounted under the shelf (Fig. 9). For access to the directory, swing the holder around 54 degrees (right to left) from its normal position and up onto the shelf. When the directory is released, it will automatically fold and return below the shelf but must be pushed back in its normal position by hand.

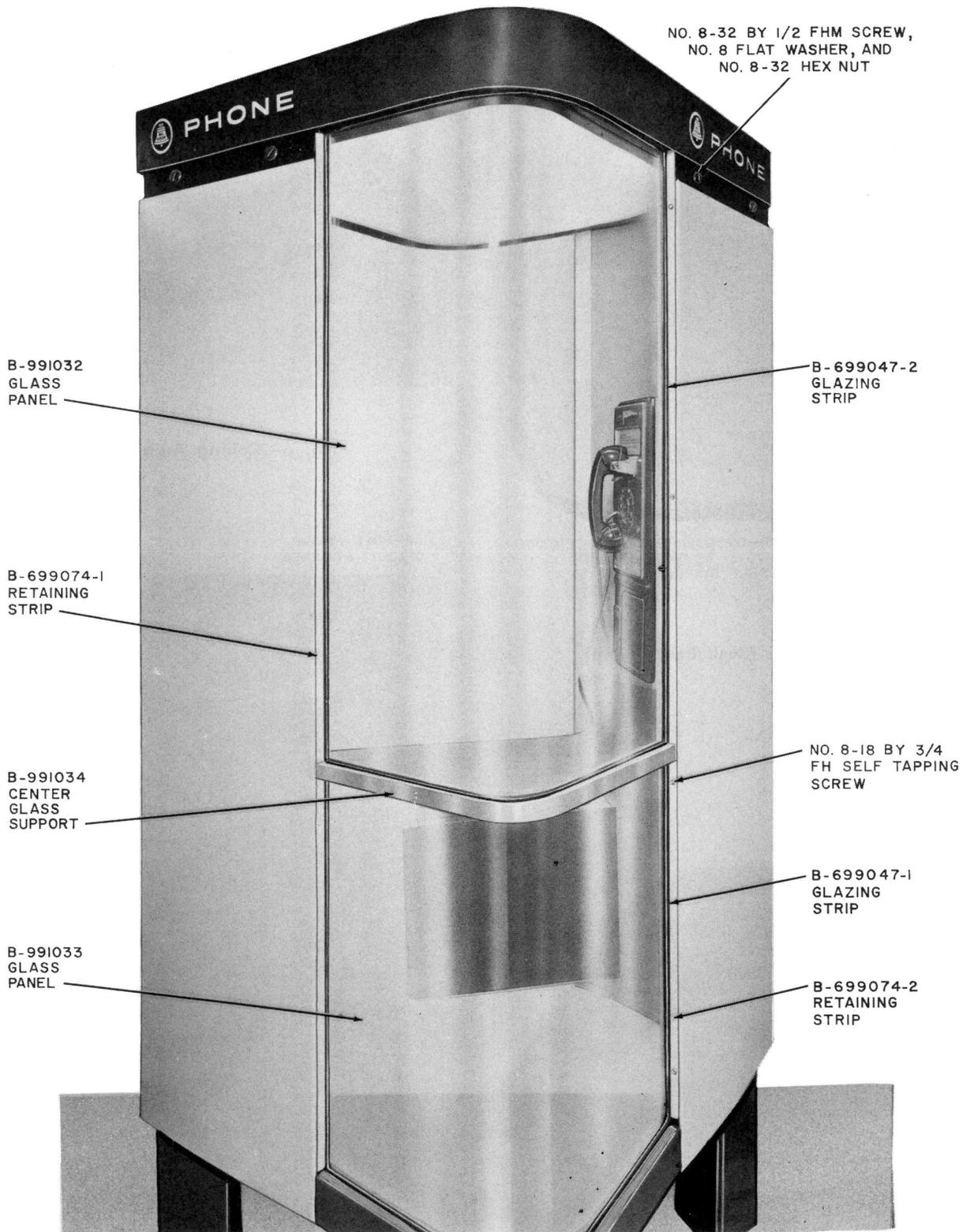


Fig. 3—Capitol Kiosk Booth—Rear View

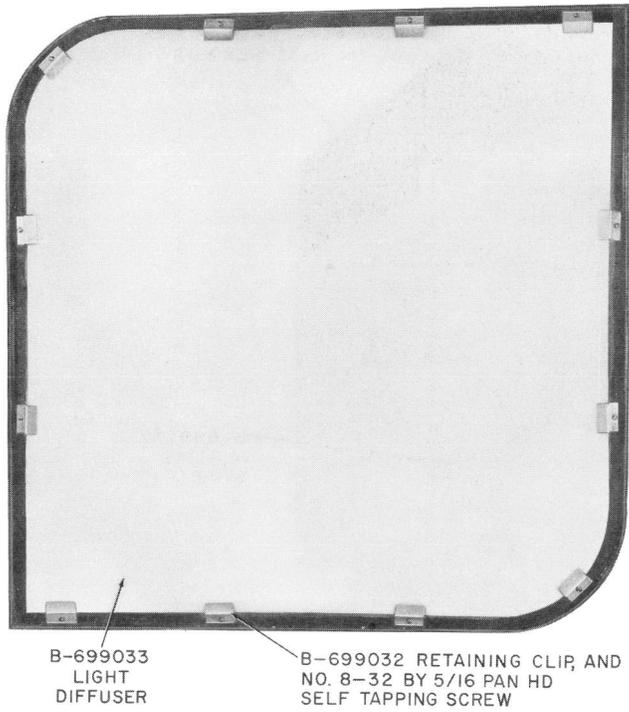


Fig. 4—Capitol Kiosk Booth—Top

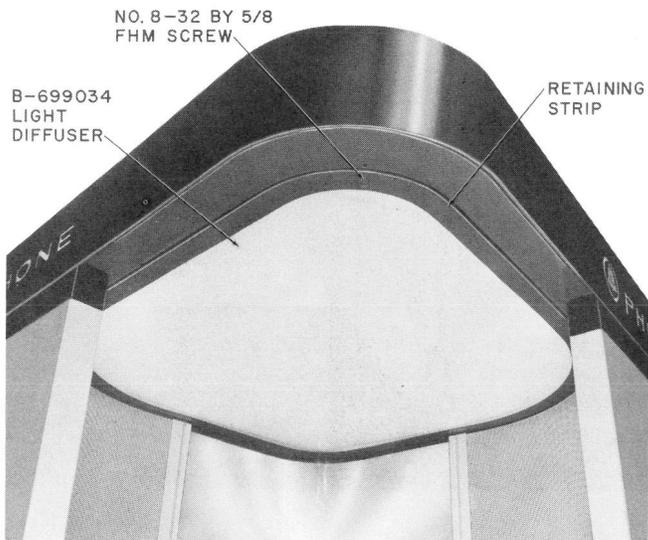


Fig. 5—Capitol Kiosk Booth—Ceiling

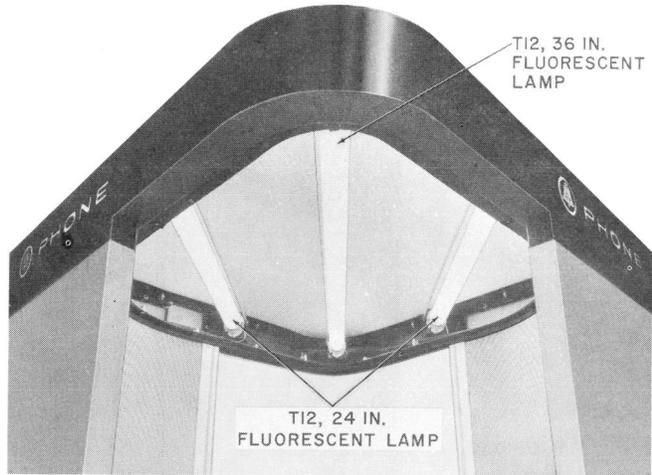


Fig. 6—Ceiling Area of Booth

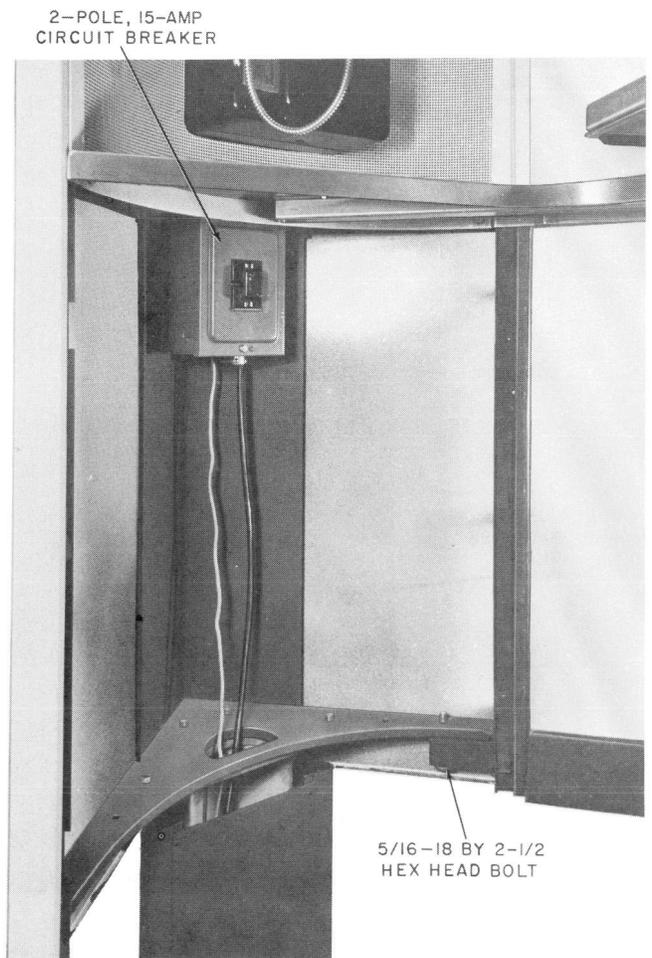
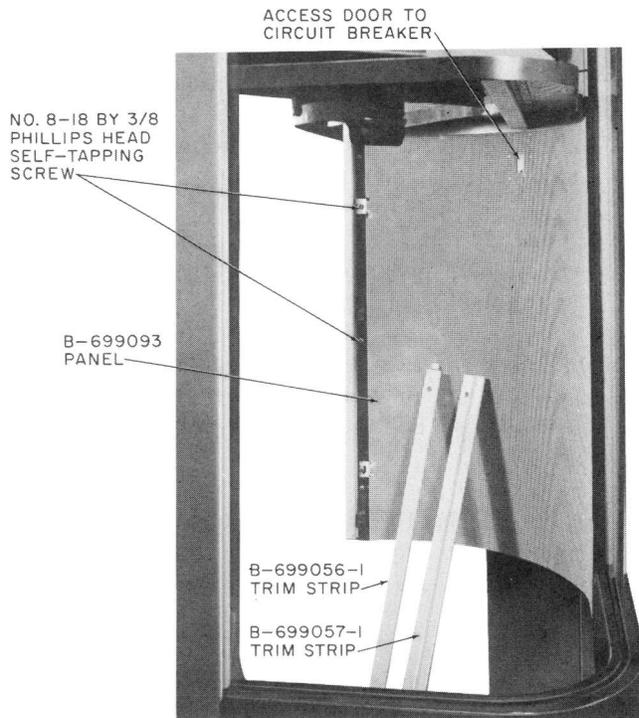
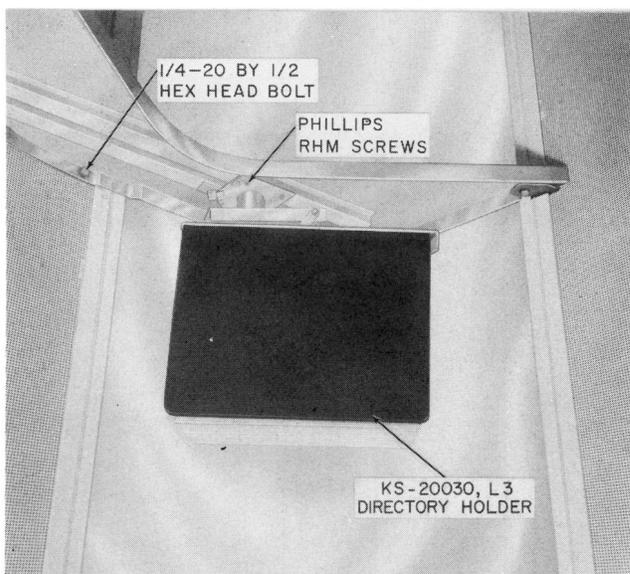


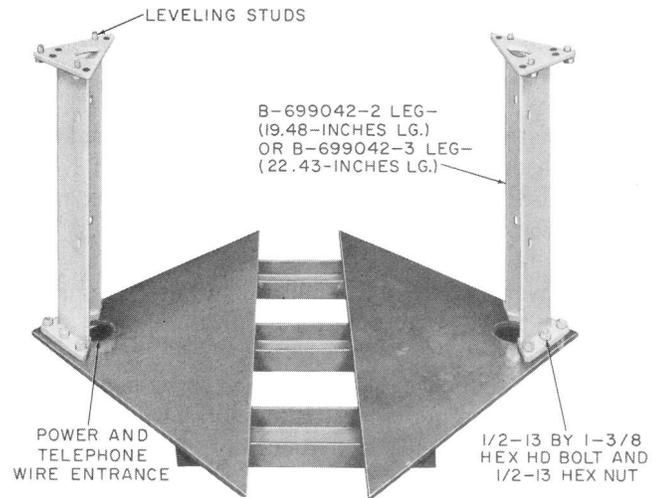
Fig. 7—Left Bottom of Booth with Panel Removed



**Fig. 8—Lower Left Inside Corner of Booth with Retaining Strip Removed**



**Fig. 9—B-699052 Shelf Assembly with KS-20030, List 3 Directory Holder**



**Fig. 10—Leg and Base Assembly**

### 3. INSTALLATION

#### 3.01 Booth location should be:

- Within full view of public
- Readily accessible to customer
- Free of such hazards as broken or uneven pavement
- Spaced with a minimum clearance of 6 inches from property lines and buildings

#### 3.02 An F-57147 leg and base assembly (Fig. 10) is designed for mounting the booth. This assembly must be ordered separately.

#### 3.03 The legs are available in two different lengths as shown below and must be specified on the order.

- B-699042-2—19.48 inches long; used where concrete base will serve as booth floor
- B-699042-3—22.43 inches long; used when some additional material (brick, etc.) will be placed on top of concrete base to serve as booth floor.

## SECTION 508-355-100

**3.04** The legs and baseplate are packed unassembled and must be assembled in the field as follows: (Fig. 10).

- (a) Install the legs on the opposite side of baseplate from channel irons using ten 1/2-13 by 1-3/8 hex head bolts and ten 1/2-13 hex nuts. Hardware is furnished.
- (b) Insert studs of B-699752 aligning template in top leg holes before tightening hex nuts.
- (c) Fourteen 1/2-13 by 1 inch hex head bolts are packaged with the leg and base assembly. Retain these bolts for mounting booth to legs.

**3.05** Install leg and base assembly in ground as follows:

- (a) Prepare a form 48 inches square (Fig. 11) with an inside depth of 12 inches.
- (b) Tamp 6 inches of cinders or gravel in the bottom of the form.
- (c) Position the template in the form on wooden blocks so that the top of the legs will protrude as follows:

- If the concrete base will serve as booth floor, the B-699042-2 legs shall be used and shall protrude approximately 17-1/2 inches above top of form.
- If some additional material will be placed on top of concrete base to serve as booth floor, the B-699042-3 legs shall be used and shall protrude approximately 17-1/2 inches above *this* floor.



*It is very important that the booth be perfectly level. Ensure that the leg and base assembly is level before pouring concrete. This will reduce leveling problems when the booth is mounted on the legs.*

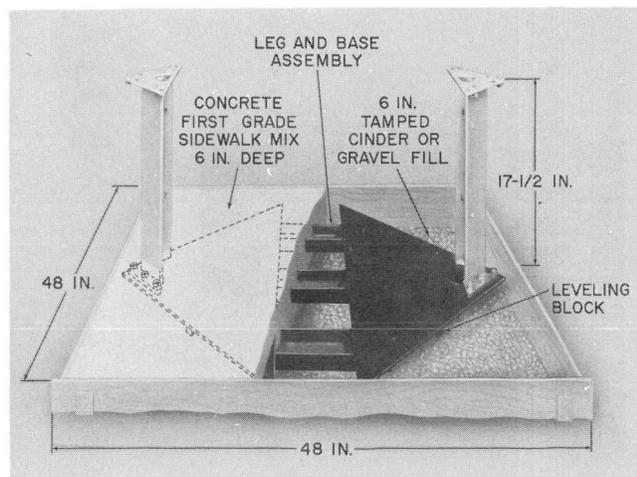
- (d) All incoming power and telephone wiring will enter the booth from underground, up through the left leg. Provide conduit for this purpose before pouring concrete.
- (e) Pour concrete around the template to fill the form.

**3.06** Install booth on legs as follows:

**Note 1:** The booth is shipped assembled and mounted on a B-699219 steel base. Do not remove the base from the booth until after the booth is mounted on legs.

**Note 2:** Bronze colored porcelain enamel covers are packaged separately to cover the triangular steel legs.

- (a) Insert three of the hex head bolts, retained in 3.04 (c), in each of the legs in the threaded holes. These bolts will serve as leveling studs (Fig. 10).
- (b) Set the booth on the legs and secure it with the eight remaining hex head bolts retained in 3.04 (c). Do not tighten these bolts until booth is level.
- (c) Adjust the six leveling studs until the booth is perfectly level and tighten mounting bolts.
- (d) Remove four hex head bolts and remove the B-699219 steel base from under the booth.



**Fig. 11—Preparation of Base Form**

**WIRING**

**3.07** Access to the circuit breaker and 123A1A protector mounting holes is obtained by removing the lower left inside wall panel (Fig. 8) as follows:

- (a) Remove the flat head screw from trim strip adjacent to door facing. Slide trim strip down and remove.
- (b) Remove the flat head screw from trim strip adjacent to glass panel. Slide trim strip down and remove.
- (c) Remove four Phillips head self-tapping screws and remove panel.

**3.08** Install the 123A1A protector (furnished by local telephone company) using the mounting holes provided near the circuit breaker.

**3.09** Install the coin telephone in accordance with normal telephone procedures. A B-699048 security backboard (Fig. 12) is furnished with the booth. See Section 506-326-200 for 1A1 installation and Section 506-327-200 for 1A2 installation.

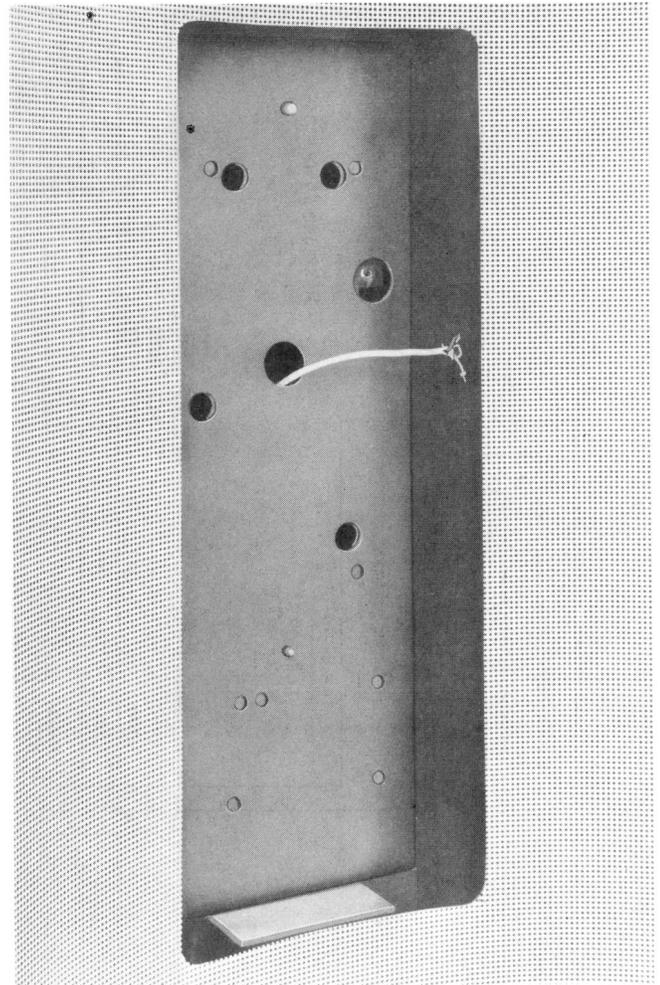
**3.10** Connect the power wires in accordance with Fig. 13.

**3.11** The booth is prewired for automatic light control operation. Determine that the light control is working properly by placing hand over light cell. The lamps should illuminate when this is done.

**3.12** Install the leg covers as follows (Fig. 14):

- (a) Place the triangular portion of each cover (B-699043) around the steel leg with the elongated holes in the leg aligned with the screw holes in the cover. Secure the covers to the legs using the screws and washers provided.
- (b) Install the front cover (B-699045) over each leg by placing the mounting clips above their locking position on the triangular covers and sliding down in place. Lock the front cover in place with two No. 8—32 by 1/2 RHM screws.

**3.13** Install the lower left inside wall panel in reverse order from which it was removed,



**Fig. 12—B-699048 Security Backboard**

being careful to place the circuit breaker access door at top (Fig. 8).

**4. MAINTENANCE**

- 4.01** The local telephone company shall establish appearance standards of all exposed surfaces.
- 4.02** The local telephone company shall establish safety standards for all booths.
- 4.03** Inspect the approach to the booth and ensure that it is free of all hazards.
- 4.04** Ensure that all visible assembly screws are present and secure.

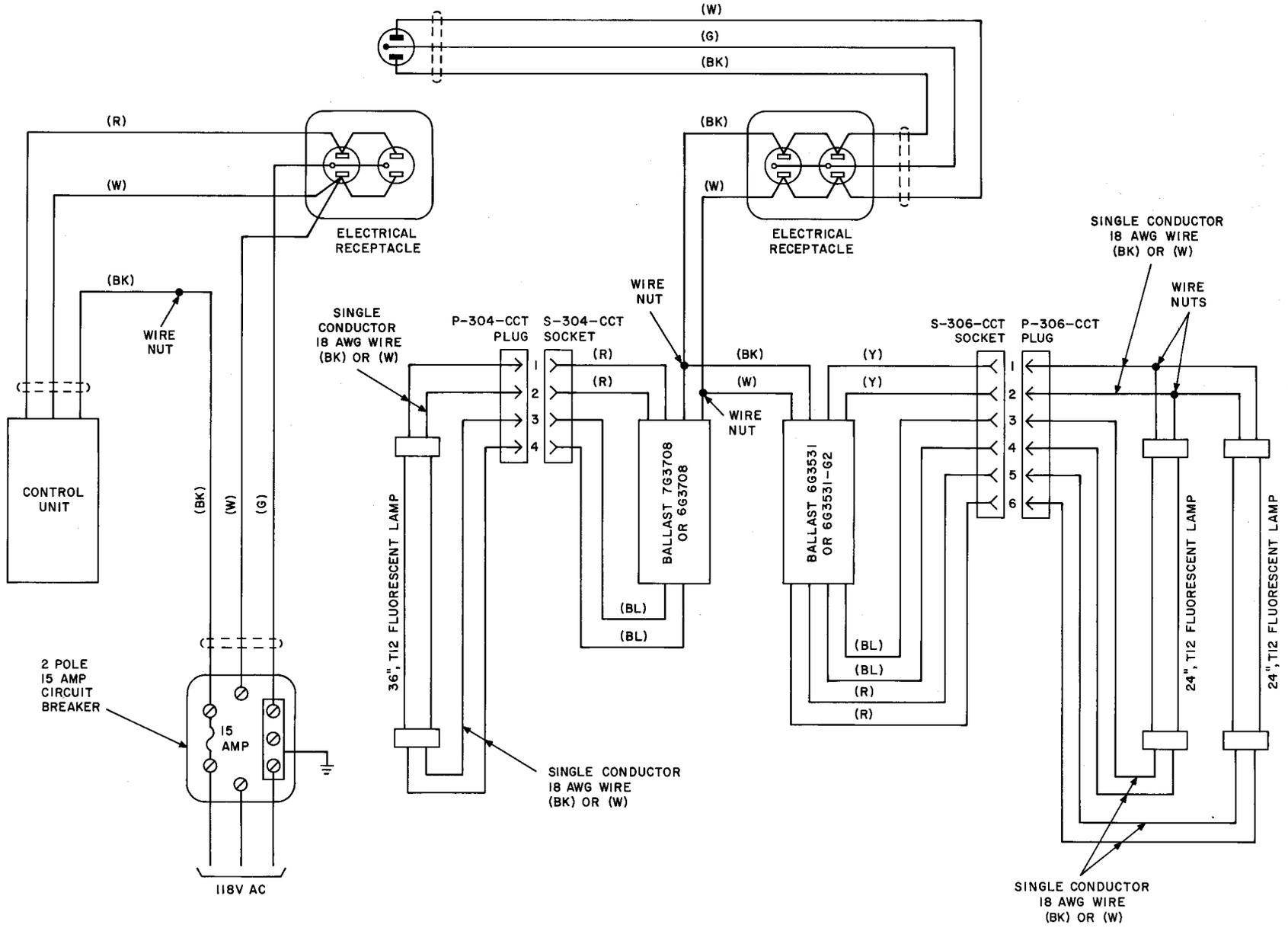


Fig. 13—Wiring Diagram of Capitol Kiosk Booth

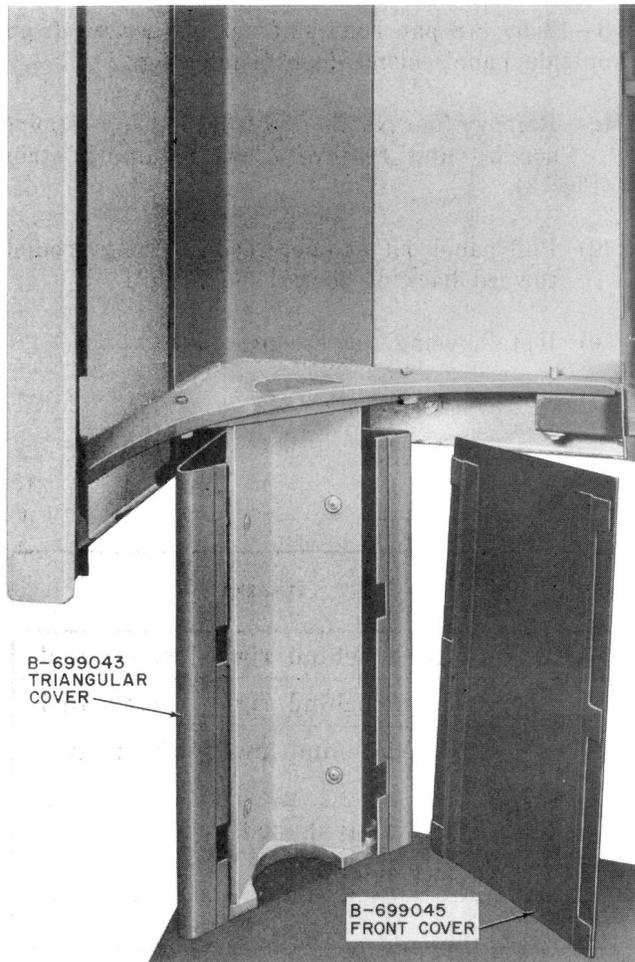


Fig. 14—Installation of Leg Covers

**4.05** Clean the booth in accordance with Section 770-170-308.

**4.06** Replace those parts which are damaged to the point that they do not meet local telephone company standards.

**Note:** Refer to Part 3 for installation procedures. For access to light control assembly, remove inside upper panel.

#### CEILING

**4.07** Remove bottom light diffuser by removing eight No. 8—32 by 5/8 FHM screws and retaining strip (Fig. 5).

#### TOP DOME

**4.08** Remove top light diffuser by removing 12 No. 8—32 by 5/16 pan head self-tapping screws and 12 B-699032 retaining clips (Fig. 4).



*The top diffuser is bonded to the roof assembly by an adhesive. When replacing this diffuser and the adhesive becomes damaged, use Dow Corning Silastic 732 RTV Adhesive/Sealant or an approved equivalent.*

#### SHELF

**4.09** To remove shelf assembly, remove three 1/4-20 by 1/2 hex head bolts and three 1/4-inch flat washers (Fig. 9).

#### DIRECTORY HOLDER

**4.10** Remove KS-20030, List 3 directory holder by removing four Phillips RHM screws and four flat washers (Fig. 9).

#### INSIDE PANELS

**4.11** Remove lower left inside panel as directed in 3.07. Install per 3.13.

**4.12** Replace upper left inside panel as follows:

- (a) Remove shelf assembly.
- (b) Remove the flat head screw from trim strip at door facing. Slide trim down and remove.
- (c) Remove the flat head screw from trim strip adjacent to glass panel. Slide trim strip down and remove.
- (d) Remove four Phillips head self-tapping screws and remove panel.
- (e) Install, using reverse procedure.

**4.13** Replace right inside panel in same manner as left inside panels except that six screws secure the panel to the frame.

## OUTSIDE PANELS

4.14 Replace each of the outside panels as follows:

- (a) Remove the inside trim strips adjacent to the door facing as directed in 3.07 (a) and 4.12 (b).
- (b) Remove four No. 8—32 hex nuts, four No. 8 flat washers, and four No. 8—32 by 1/2 FHM screws from top edge (Fig. 3) and six No.

8—18 by 3/8 pan head self-tapping screws from outside panels along door facing (Fig. 8).

- (c) Remove four No. 8—18 by 3/4 FH self-tapping screws and remove glass retaining strip (Fig. 3).
- (d) Pull panel out at door facing, swing around toward back of booth, and lift off.
- (e) Install, using reverse procedure.

TABLE A  
REPLACEMENT PARTS

NAME	PART NO. OR DESCRIPTION	REMARKS
Ballast, rapid start	G.E. Co. No. 6G-3531 or 6G-3531-G2	Located behind right-inside panel
Ballast, rapid start	G.E. Co. No. 6G-3708 or 7G-3708	Located behind right-inside panel
Circuit breaker	ITE Circuit Breaker Co. No. P-215, 2-pole, 15 amp	Located behind lower-left inside panel
Cover, leg	B-699043	Triangular shaped
Cover, leg	B-699045	Front portion
Directory holder	KS-20030, List 3	
Gasket	B-699039	Used with B-699038 sign
Glass panel	B-991032	Upper
	B-991033	Lower
Lamp, fluorescent	24" T12	High output
Lamp, fluorescent	36" T12	High output
Light diffuser	B-699033	Top
Light diffuser	B-699034	Bottom
Panel	B-699058	Outside, left side
Panel	B-699059	Outside, right side
Panel	B-699075	Inside, right
Panel	B-699076	Inside, upper left
Panel	B-699093	Inside, lower left
Retaining strip	B-699074-1	Secures glass panel in right wall
Retaining strip	B-699074-2	Secures glass panel in left wall
Shelf assembly	B-699052	Does not include directory holder

TABLE A (Cont)

NAME	PART NO. OR DESCRIPTION	REMARKS
Sign assembly	B-699038	Includes Bell System emblem plus "P" and "O" islands which are bonded to plexiglass
Strip, glazing	B-699047-1	For lower glass panel
	B-699047-2	For upper glass panel
Support, glass	B-699036	Bottom
	B-991034	Center
Trim strip	B-699056-1	Lower left at door facing
Trim strip	B-699056-2	Upper left at door facing
Trim strip	B-699056-3	Right front at door facing
Trim strip	B-699057-1	Lower left at glass panel — inside booth
Trim strip	B-699057-2	Lower right at glass panel — inside booth
Trim strip	B-699057-3	Upper left at glass panel — inside booth
Trim strip	B-699057-4	Upper right at glass panel — inside booth

**GLASS PANEL**

4.15 Replace B-991033 glass panel as follows:

- (a) Loosen four 5/16-18 by 2 1/2 hex head bolts (Fig. 7) which secure lower glass support to frame.
- (b) Remove glass retaining strips as directed in 4.14 (c).
- (c) Remove glass and B-699047-1 glazing strip (Fig. 3).
- (d) Install, using reverse procedure.

4.16 Replace B-991032 glass panel as follows:

- (a) Remove B-991033 glass panel as directed in 4.15.
- (b) Loosen two No. 8—18 by 3/8 self-tapping screws which secure center glass support.
- (c) Remove glass and B-699047-2 glazing strip (Fig. 3).
- (d) Install, using reverse procedure.

**REPLACEMENT PARTS**

4.17 Table A lists replacement parts that may be ordered as necessary.