

DRIVE-UP, WALK-UP PUBLIC TELEPHONES  
GP-2200 BOOTHETTE and GP-2500 OUTDOOR CANOPY  
INSTALLATION and MAINTENANCE

1.00 INTRODUCTION

This addendum is reissued to include various miscellaneous changes. Marginal arrows have been omitted.

2.00 GENERAL

2.01 Specifications in the service order should agree with instructions in SECTION 508-460-200 and in this addendum, or the matter should be referred to the supervisor.

2.02 Coin collectors and accessory items with corrosion-resistant finish are recommended for use in these installations.

2.03 Internal wiring is provided from the light to the base of the housing. Provide grounding and external wiring - and telephone service wiring as described in SECTION 508-460-200.

3.00 LOCATION

3.01 The Marketing Department representative will:

- (a) Select a location and arrange for its clearance in time for delivery of the equipment.

Note: Outdoor Telephone Canopy is to be used for "Walk-up" locations only.

- (b) Make necessary recommendations for protecting the location from hazards, such as vehicular traffic. This

may require protective bumper posts, iron railings, or concrete curbing.

- (c) Determine whether customer or Telephone Company will provide power facilities. This will be indicated on the service order.

- (d) Furnish complete information to the Plant Department for ordering and installation.

3.02 The location chosen should allow ready access for maintenance and cleaning.

4.00 ASSEMBLY AND INSTALLATION ON POSTS AND POLES

4.01 Details for installation vary according to the type of mounting used. Typical mounting arrangements for the Boothette are shown in Figure 1, and for the Outdoor Telephone Canopy in Figure 2.

4.02 The preferred method of mounting the Boothette is on a post set in concrete. However, where it is necessary to mount the Boothette on a post against a wall, without breaking the pavement, a List 13 Pedestal Post may be used, as shown in Figure 1e.

4.03 Boothettes and Outdoor Telephone Canopies may be mounted on existing poles or posts, as either single (Fig. 1a, 1c and 2b) or double (back-to-back) installations. (Fig. 1b) Various sizes of pole-mounting adapters can be used for single installations, but size of pole must be specified on the order.

Mounting back-to-back is achieved best with carriage bolts through the back mounting plates.

4.04 Use of the guard rail is not necessary when the installation is protected by an existing curb, concrete island or guard posts. When required, however, it should be installed as shown in Figure 1g.

#### 5.00 WALL TYPE INSTALLATION

5.01 A paper template and installation instructions are provided with each package. Figure 3 illustrates typical wall-mounted installations.

#### 6.00 WIRING

6.01 A housing for the protector and subscriber set is provided under the shelf. Figure 4 shows wiring details for the Boothette, and Figure 5 illustrates wiring details for the Outdoor Telephone Canopy.

6.02 Telephone service wire should be installed in accordance with instructions in other sections of Bell System Practices. Where unusual conditions are involved, contact the Engineering Department.

6.03 The necessary arrangements for an uninterrupted source of 110-125V 60 cycle ac power should be established with a local electrical contractor. Unusual conditions may require Engineering consultation and advice.

6.04 Refer to SECTION 508-460-200 for general requirements regarding electrical wiring and safety precautions.

6.05 Grounding can be obtained by use of a driven ground rod, but the power company ground should be used wherever possible in the manner described and illustrated in SECTION 508-460-200.

#### 7.00 MAINTENANCE

7.01 Steel poles or pedestals and associated metal fittings should be painted periodically with a good grade aluminum paint as required by local conditions.

7.02 The plastic housing is subject to damage by dust and abrasive cleaning materials. A soft cotton cloth with water and mild ungranulated household detergent will usually serve as the best cleaning medium. This may be followed by a coat of wax buffed to a high finish to reduce accumulation of dust.

7.03 As an aid in determining booth cleaning frequencies, the date cleaned should be entered on a white 3/4" x 1 1/2" pressure-sensitive label by the Installer-Repairman or cleaning contractor's service man.

7.04 On GP-2500 Outdoor Canopy Type Booths, place the label in the right corner of the inside front of the canopy.

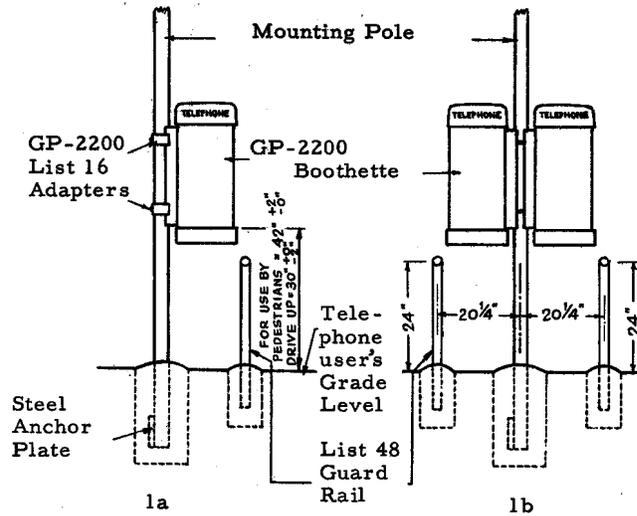
7.05 For GP-2200 Boothette or KS-16705 Drive-up, Walk-up Booths, place the label on the left inside, near the front and close to the ceiling assembly.

7.06 Replace the label each time the booth is cleaned. Enter the date with a pen or soft pencil. Example: "3-27-64".

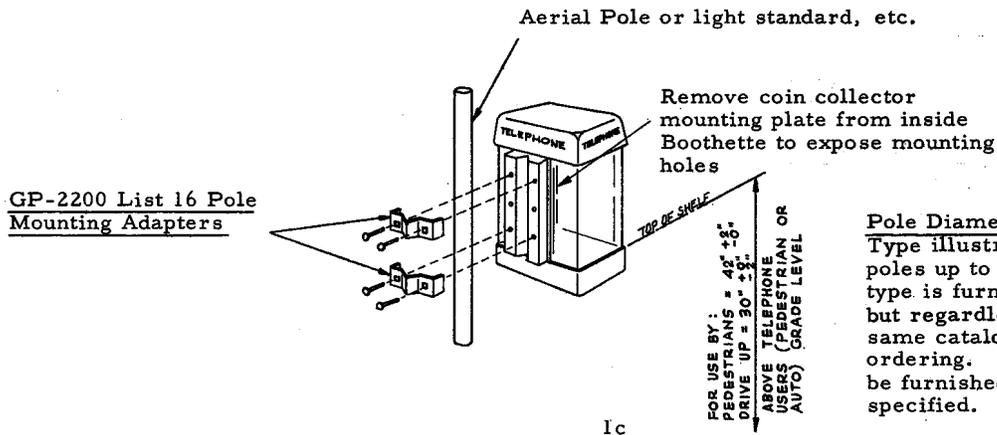
7.07 The pressure-sensitive labels may be obtained locally from regular stationery stores.

7.08 A detailed list of repair parts is shown in Figure 6 for the Boothette and Figure 7 for the Outdoor Telephone Canopy. Minor items which cannot be obtained locally can be ordered through the Western Electric Company from:

Gladwin Plastics, Inc.  
2162 Piedmont Rd., N. E.  
Atlanta 9, Georgia



**BOOTHETTES ON POLES**



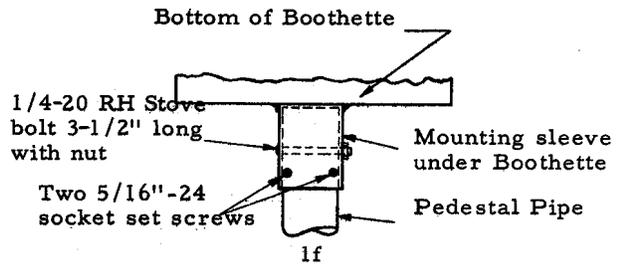
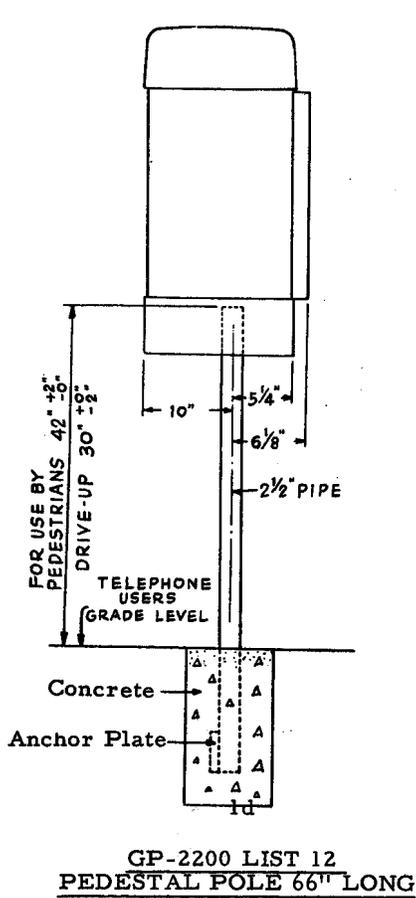
**GP-2200 BOOTHETTE  
POLE MOUNTING DETAIL**

Pole Diameter must be Specified  
Type illustrated is furnished for poles up to 4" O. D. A different type is furnished for larger poles, but regardless of pole size use same catalogue number when ordering. Correct type will be furnished to fit size pole specified.

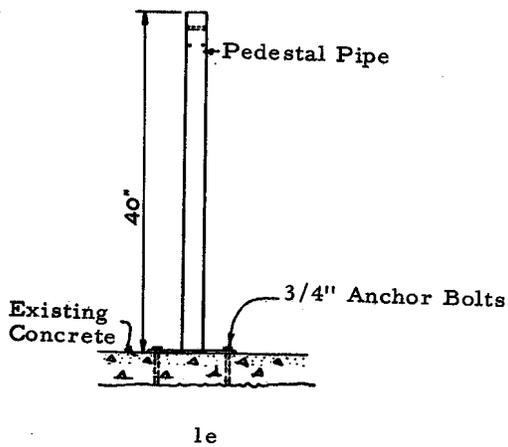
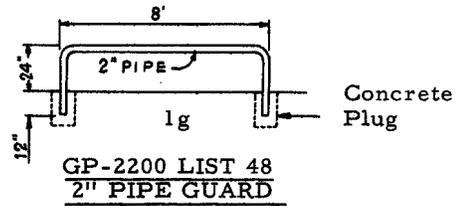
**NOTES:**

1. THE GP-2200 LIST 43 STEEL POLE SHOULD BE INSTALLED WITH 3' BELOW GRADE.
2. THE GP-2200 LIST 41 STEEL POLE IS DRILLED SO ELECTRICAL SERVICE AND GROUND WIRES MAY BE RUN INSIDE THE PIPE.
3. FOR SINGLE INSTALLATIONS ON POLES, USE GP-2200 LIST 16 POLE ADAPTERS. (SPECIFY POLE DIA.)
4. FOR DOUBLE INSTALLATIONS (BACK-TO-BACK), ATTACH WITH 3/8" DIA. CARRIAGE BOLTS OF THE REQUIRED LENGTH. (ALLOW 2" FOR BOOTHETTE.)
5. SEE FIGURE 4 FOR WIRING ARRANGEMENTS.

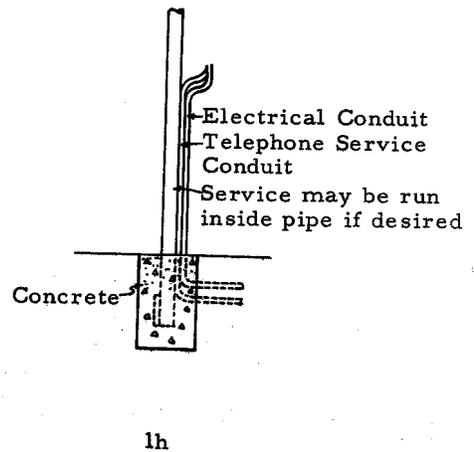
FIGURE 1., PAGE A  
BOOTHETTE  
INSTALLATION ON PEDESTAL OR POLE



**MOUNTING DETAIL**

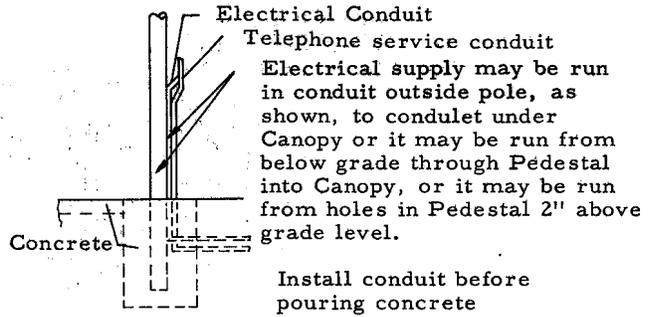


**GP-2200 LIST 13 PEDESTAL POST  
WITH 12" x 12" SQUARE PLATE**



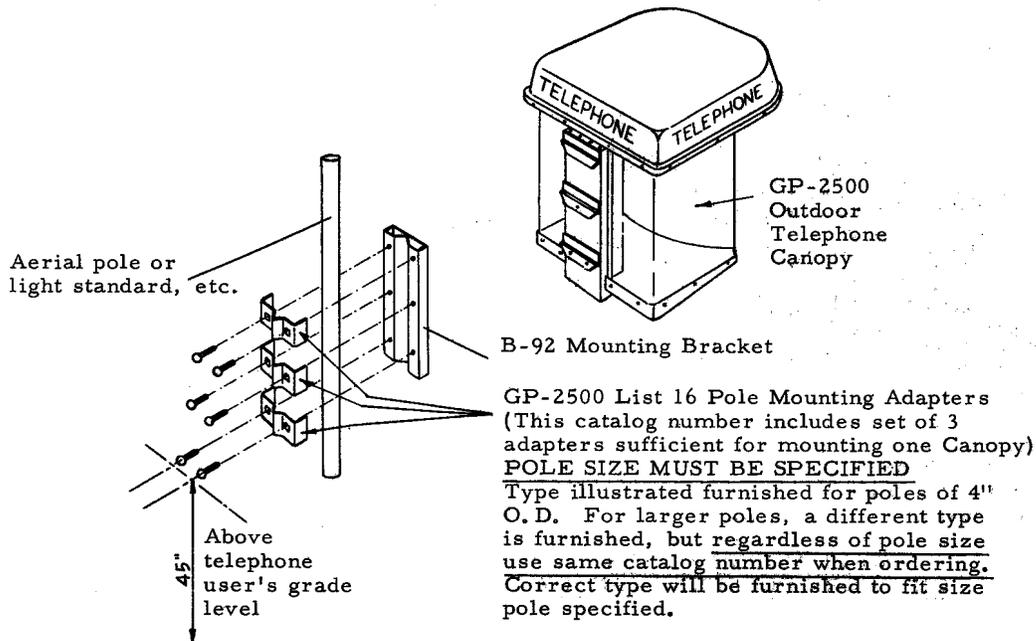
**A TYPICAL  
GROUND ENTRANCE**

**FIGURE 1, PAGE B  
BOOTHETTE  
INSTALLATION ON PEDESTAL OR POLE**



2a

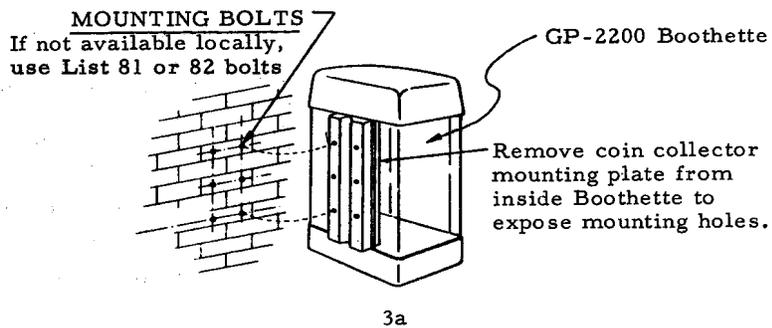
TYPICAL GROUND ENTRANCE



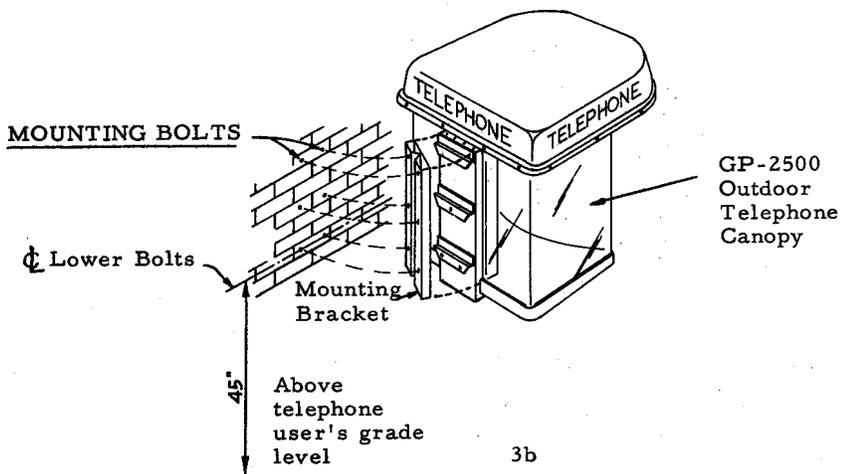
2b

MOUNTING DETAILS FOR POLES

FIGURE 2  
OUTDOOR TELEPHONE CANOPY  
INSTALLATION ON PEDESTAL OR POLE



WALL MOUNTING FOR BOOTHETTE

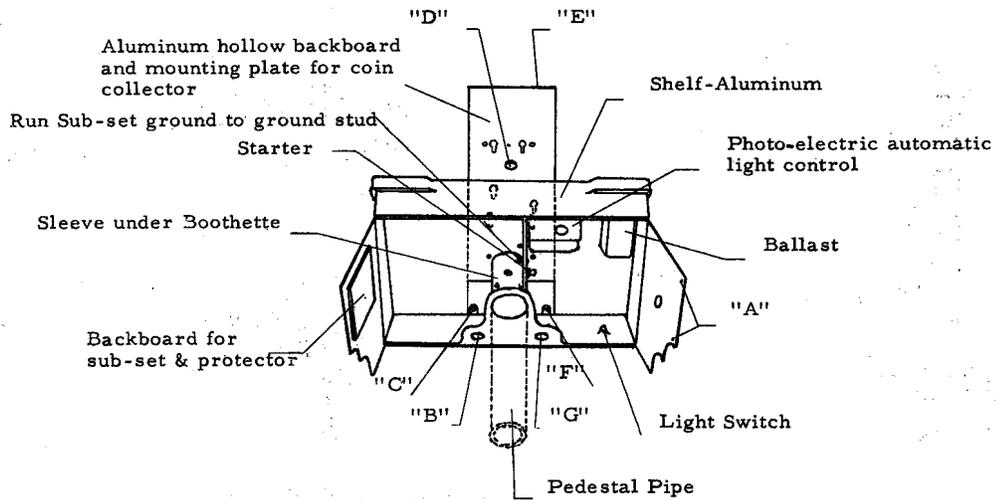


WALL MOUNTING FOR  
OUTDOOR TELEPHONE CANOPY

NOTES:

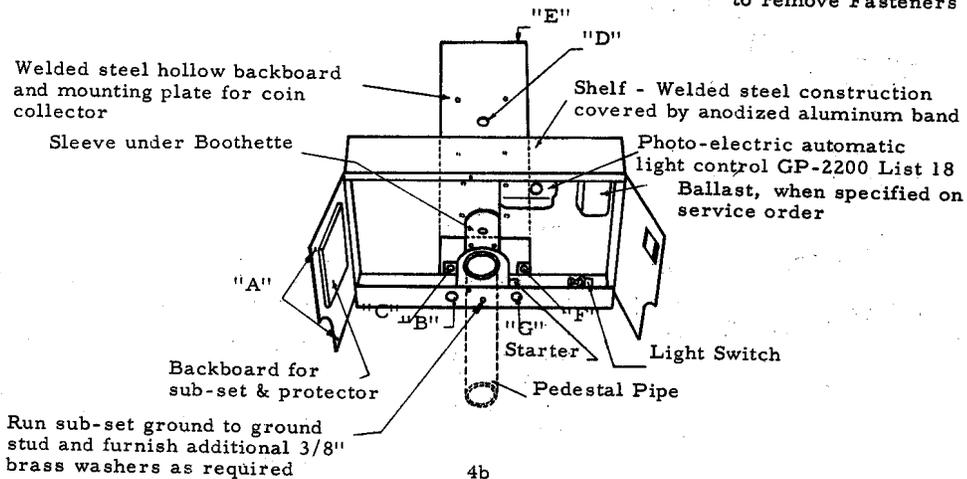
1. TEMPLATE FOR LOCATING HOLES IN WALL IS ENCLOSED WITH INSTRUCTION SHEETS.
2. IN STANDARD BRICK WALL, LOCATE AS MANY FASTENINGS AS PRACTICAL IN BRICK, AVOID BOLTS IN MORTAR.
3. IN CONCRETE BLOCK WALL, LOCATE AS MANY FASTENINGS AS PRACTICAL IN SOLID SECTION OF CONCRETE BLOCK. AVOID, WHERE POSSIBLE, FASTENINGS IN THE HOLLOW SECTIONS OF THE CONCRETE BLOCK.

FIGURE 3  
BOOTHETTE AND OUTDOOR TELEPHONE CANOPY  
WALL MOUNTING DETAILS



4a  
BOOTHETTE WITH ALUMINUM FRAME

Use hollow Allen Wrench KS-8187, same as for aluminum booth ceiling, to remove Fasteners "A".

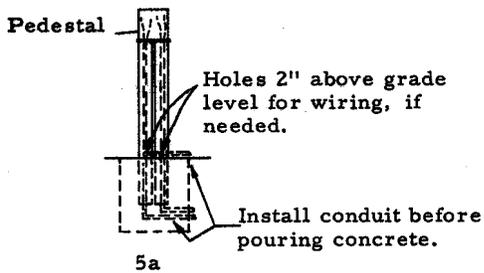


4b  
BOOTHETTE WITH STEEL FRAME (MFR. DISC.)  
EQUIPMENT CABINET IN BASE

WIRING DETAILS:

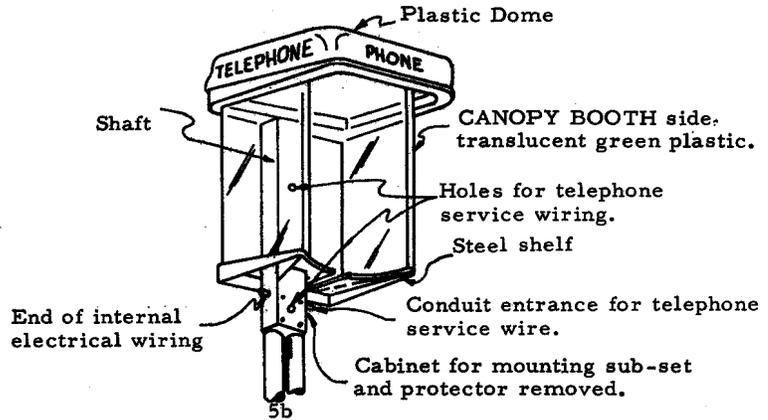
1. After the Boothette is installed, remove the fasteners marked "A" beneath the Boothette and the doors will hinge downward.
2. Mount sub-set and protector on wooden backboard on left door.
3. Run telephone service through outlet hole "B" to protector and sub-set.
4. Feed telephone service from sub-set into hole "C" and out through hole "D" with the coin collector mounting plate in place.
5. Install coin collector.
6. The factory-installed #18 AWG wiring from the dome light passes through hole "E" and into the splice compartment through hole "F".
7. Run electrical supply into equipment cabinet at hole "G".

FIGURE 4  
BOOTHETTE WIRING



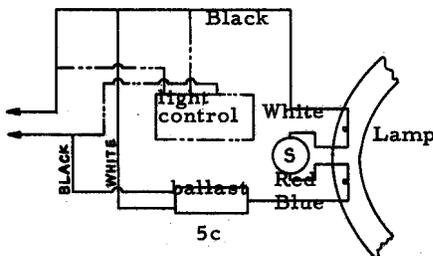
**TYPICAL GROUND ENTRANCE**

(also see Fig. 2a)

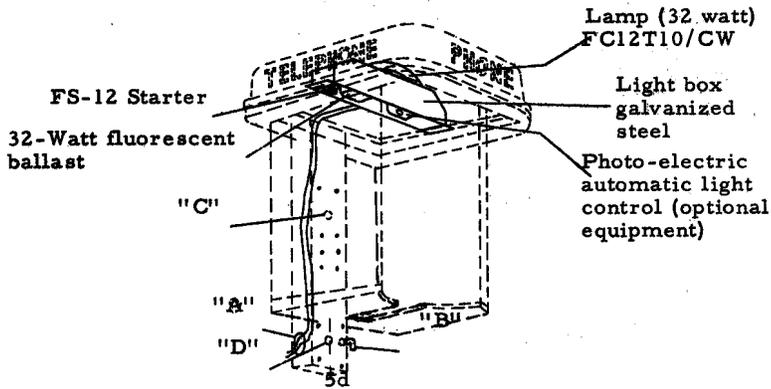


**CANOPY SHOWING WIRING ENTRANCES**

**NOTE:**  
CONCEAL ELECTRICAL AND TELEPHONE SERVICE WIRING IN PEDESTAL POSTS.



**SCHEMATIC OF CANOPY WIRING DOME LIGHT**

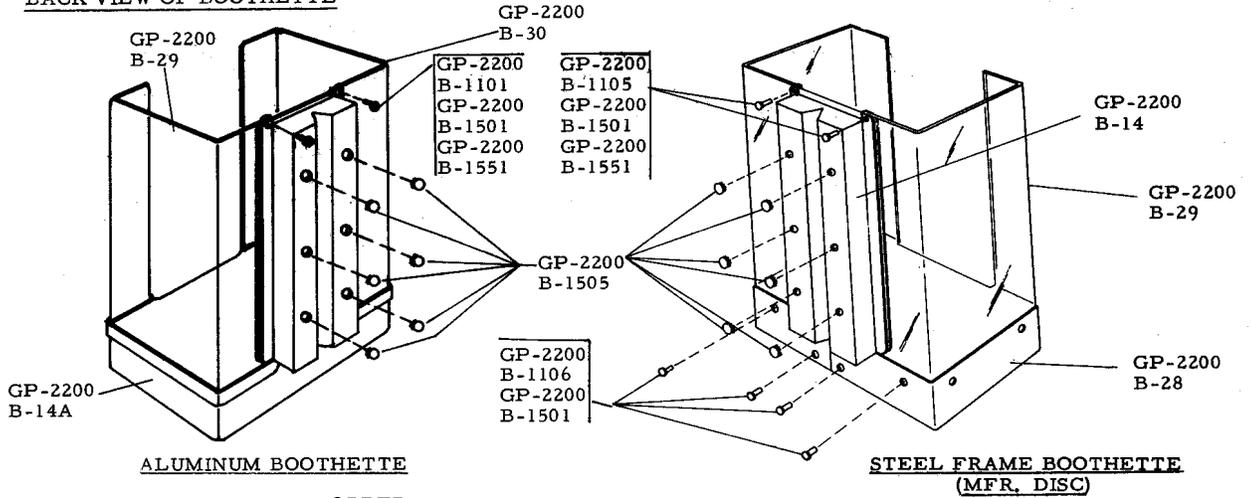


**INSTALLATION DETAIL**

1. The telephone supply wiring may be run from below grade (5a) or from an aerial entrance to the conduit at "B".
2. From the conduit at "B" the telephone service is wired through the shaft to the subset through hole "D", then to the coin collector through hole "C".
3. Mount the equipment box on the shaft and then mount subset and protector on wood backboard in box.
4. Install coin collector.
5. The factory installed wiring from the dome light (see 5c) passes through conduit "E" and out at point "A".
6. Run electrical supply into conduit at "A" and connect dome light.
7. Install ground wire per Paragraph 6.05.

**FIGURE 5  
OUTDOOR TELEPHONE CANOPY  
WIRING**

BACK VIEW OF BOOTHETTE

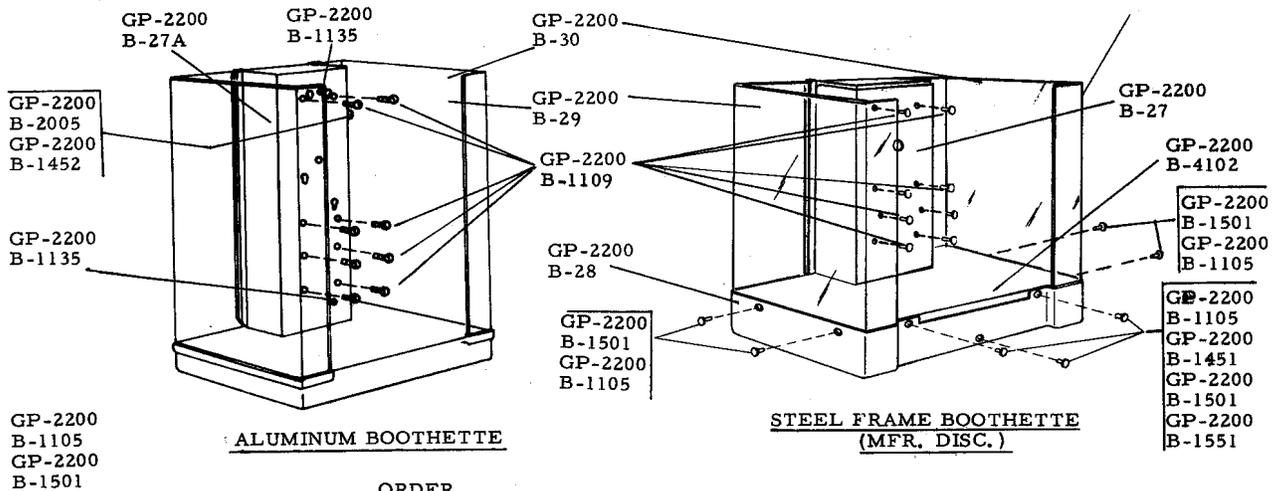


ORDER NUMBER

REQ'D

<u>ORDER NUMBER</u>	<u>REQ'D</u>
∅ GP-2200 B-14	1 Base unit, steel, baked enamel finish
∅ GP-2200 B-28	1 Anodized aluminum band
GP-2200 B-29	1 Housing, left, clear plastic
GP-2200 B-30	1 Housing, right, clear plastic
GP-2200 B-1505	6 Capped plug buttons (where mounting holes not used)
∅ * GP-2200 B-1105	2 #10-32 X 1/2" Phillips flat head machine screws
∅ * GP-2200 B-1106	4 #10-32 X 5/8" Phillips flat head machine screws
* GP-2200 B-1501	6 #10-32 Capped tee nuts
* GP-2200 B-1551	2 #8 Finishing washers
∅∅ GP-2200 B-14A	1 Base unit, cast aluminum
∅∅ GP-2200 B-1101	2 #10-32 X 5/8" Phillips flat head machine screws

FRONT VIEW OF BOOTHETTE



ORDER NUMBER

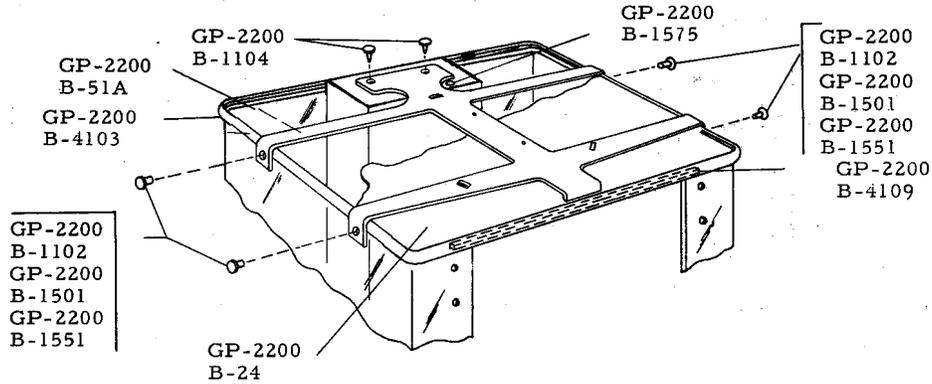
REQ'D

<u>ORDER NUMBER</u>	<u>REQ'D</u>
∅ GP-2200 B-27A	1 Backboard, steel
∅ GP-2200 B-28	1 Anodized aluminum band
GP-2200 B-29	1 Housing, left, clear plastic
GP-2200 B-30	1 Housing, right, clear plastic
∅ GP-2200 B-4102	1 Patterned Aluminum shelf cover
∅ * GP-2200 B-1105	11 #10-32 X 1/2" Phillips flat head machine screws
* GP-2200 B-1109	8 1/4-20 X 1" Phillips flat head machine screws
∅ * GP-2200 B-1451	5 5/16-18 Plated hex nuts
∅ * GP-2200 B-1501	11 #10-32 Capped tee nuts
∅ * GP-2200 B-1551	7 #8 Finishing washers
∅ GP-2200 B-27A	1 Plate-backboard, cast aluminum
∅∅ GP-2200 B-1135	2 1/4-20 X 3/4" Phillips flat head steel-plated machine screws (Safety Screws)
∅∅ GP-2200 B-1452	1 #10-32 Hex nut
∅∅ GP-2200 B-2005	1 #10-32 Swivel screw eye

\* These items should be obtained locally.  
 ∅ These items fit steel frame Boothette only.  
 ∅∅ These items fit Aluminum Boothette only.

FIGURE 6, PAGE A  
 BOOTHETTE  
 REPLACEMENT PARTS

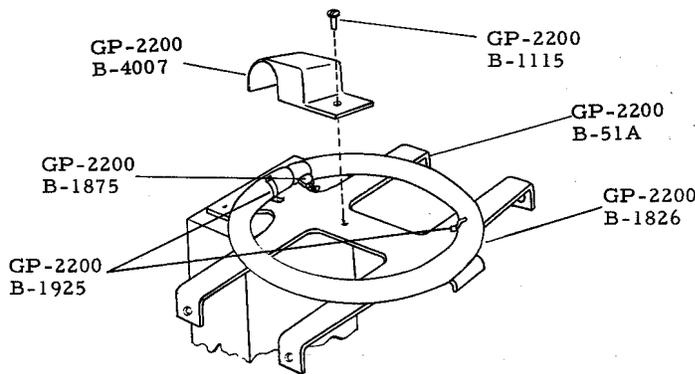
LIGHT BRACKET MOUNTING



<u>ORDER NUMBER</u>	<u>REQ'D</u>	
GP-2200 B-24	1	Ceiling, white, bug-proofed unless otherwise specified
GP-2200 B-51A	1	Light bracket - Aluminum
GP-2200 B-4103	1	Rubber ceiling molding 64" long, set of four sections
GP-2200 B-4109	1	Stainless steel channel 17" long
*GP-2200 B-1104	2	#10-32 X 3/4" Phillips round head machine screws
*GP-2200 B-1105	4	#10-32 X 1/2" Phillips flat head machine screws
*GP-2200 B-1102	4	#10-32 X 7/8" Phillips flat head machine screws
*GP-2200 B-1501	8	#10-32 Capped tee nuts
*GP-2200 B-1551	8	#8 Finishing washers
*GP-2200 B-1575	1	3/8" I.D. rubber grommet

FLUORESCENT LIGHT AND BRACKET IN BOOTHETTE DOME

NOTE: ALUMINUM BRACKET WILL FIT EITHER MODEL BOOTHETTE  
STEEL BRACKET IS MFR. DISC.

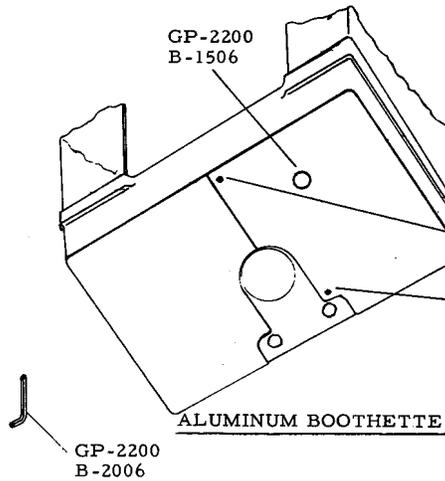


<u>ORDER NUMBER</u>	<u>REQ'D</u>	
GP-2200 B-51A	1	Light bracket - Aluminum
GP-2200 B-1875	1	Lamp connector with 45" leads
GP-2200 B-1925	3	Spring clips
GP-2200 B-4007	1	Aluminum protecting cover for lamp connections
*GP-2200 B-1115	1	#10-32 X 1/4" Phillips round head machine screw
*GP-2200 B-1826	1	32 W. Circline lamp

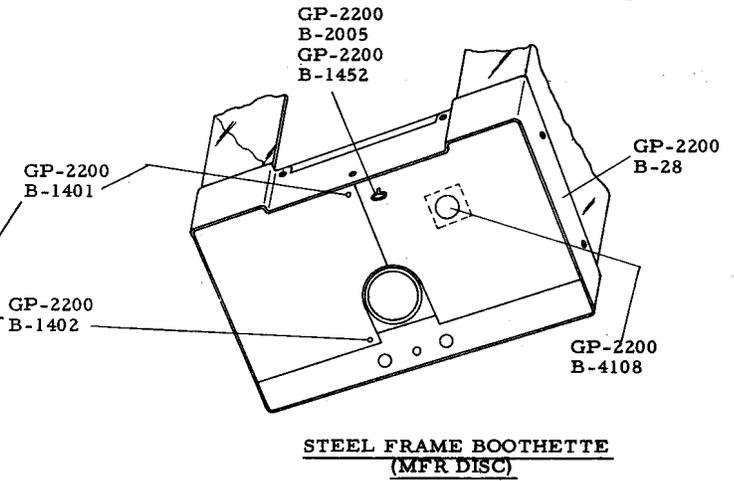
\*These items should be obtained locally.

FIGURE 6, PAGE B  
BOOTHETTE  
REPLACEMENT PARTS

BOTTOM VIEW OF BOOTHETTE



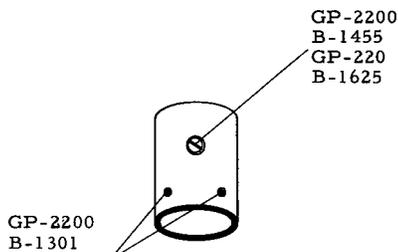
ADDENDUM 508-460-200MS



ORDER NUMBER	REQ'D	
∅ GP-2200 B-28	1	Anodized aluminum band
GP-2200 B-1401	1	1/4-20 X 1/2" Button head cap screw pin-in-head
GP-2200 B-1402	1	1/4-20 X 1/2" Button head socket cap screw
∅ GP-2200 B-1452	1	#10-32 Hex nut
∅ GP-2200 B-2005	1	#10-32 Swivel screw eye
∅ GP-2200 B-4108	1	1/8" X 1-7/8" X 1-7/8" clear plastic window
* GP-2200 B-2006	1	Hollow Allen Wrench (KS 8187)
∅∅ GP-2200 B-1506	1	Plug Button

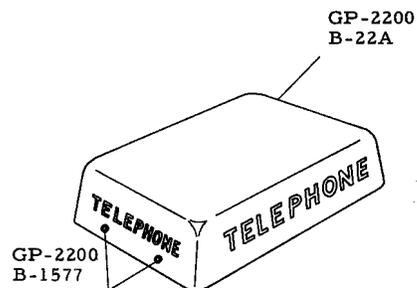
\* These items should be obtained locally.  
 ∅ These items fit steel frame Boothette only.  
 ∅∅ These items fit Aluminum Boothette only.

PEDESTAL POST MOUNTING SLEEVE BENEATH BOOTHETTE



ORDER NUMBER	REQ'D	
GP-2200 B-1301	2	5/16-24 X 3/8" set screws
*GP-2200 B-1455	1	1/4-20 square nut
*GP-2200 B-1625	1	1/4-20 X 3-1/2" Phillips round head bolt

PLASTIC DOME FOR BOOTHETTE

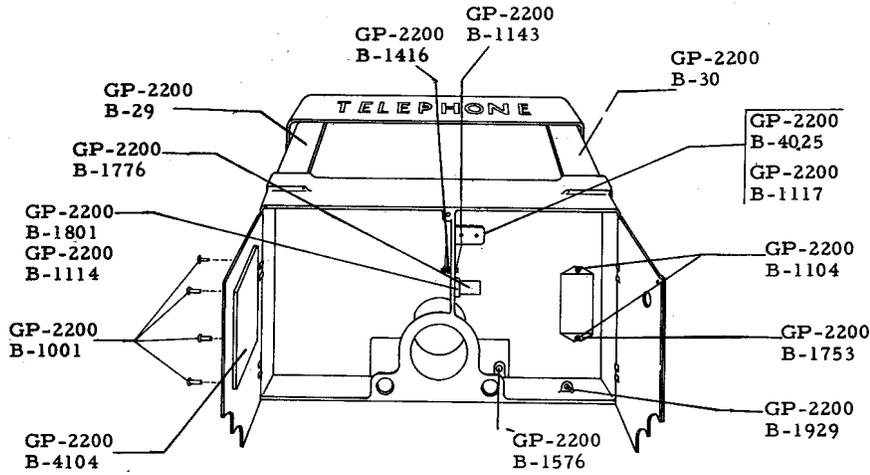


ORDER NUMBER	REQ'D	
GP-2200 B-22A	1	Dome, white with red letters, bug-proofed
GP-2200 B-1577	4	1/4" I.D. rubber grommet

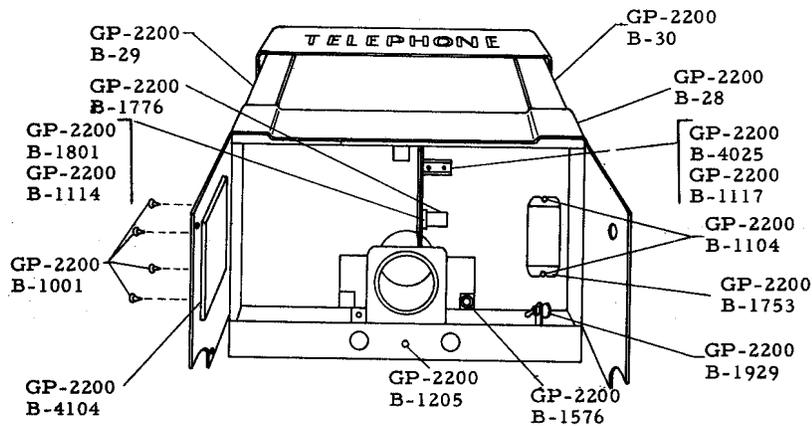
FIGURE 6, PAGE C  
 BOOTHETTE  
 REPLACEMENT PARTS

\*These items should be obtained locally.

BOTTOM VIEW OF BOOTHETTE EQUIPMENT CABINET



ALUMINUM BOOTHETTE



STEEL FRAME BOOTHETTE  
(MFR. DISC.)

<u>ORDER NUMBER</u>	<u>REQ'D</u>	
GP-2200 B-28	1	Anodized aluminum band
GP-2200 B-29	1	Housing, left, clear plastic
GP-2200 B-30	1	Housing, right, clear plastic
GP-2200 B-1928	4	#73-B wire nuts
GP-2200 B-4025	1	Mounting clip for light control
GP-2200 B-4104	1	Wood backboard for mounting telephone equipment
*GP-2200 B-1001	4	#8-32 X 1/2" Phillips round head wood screws
*GP-2200 B-1104	2	#10-32 X 3/4" Phillips round head machine screws
*GP-2200 B-1114	2	#4-40 X 3/8" Round head machine screws
*GP-2200 B-1117	2	#6-32 X 3/8" Round head machine screws
*GP-2200 B-1205	1	#10 X 1/2" Phillips round head screw
*GP-2200 B-1576	1	1/2" I. D. rubber grommet
*GP-2200 B-1753	1	32 W. Ballast
*GP-2200 B-1776	1	FS-12 starter
*GP-2200 B-1801	1	Butt-on starter socket
*GP-2200 B-1929	1	Toggle switch
GP-2200 B-1143	1	#1/4-20 X 1" Hex head brass machine screw
GP-2200 B-1461	2	#1/4-20 Hex nut, brass

\* These items should be obtained locally.  
 GP These items fit steel frame Boothette only.  
 GP These items fit Aluminum Boothette only.

FIGURE 6, PAGE D  
 BOOTHETTE  
 REPLACEMENT PARTS

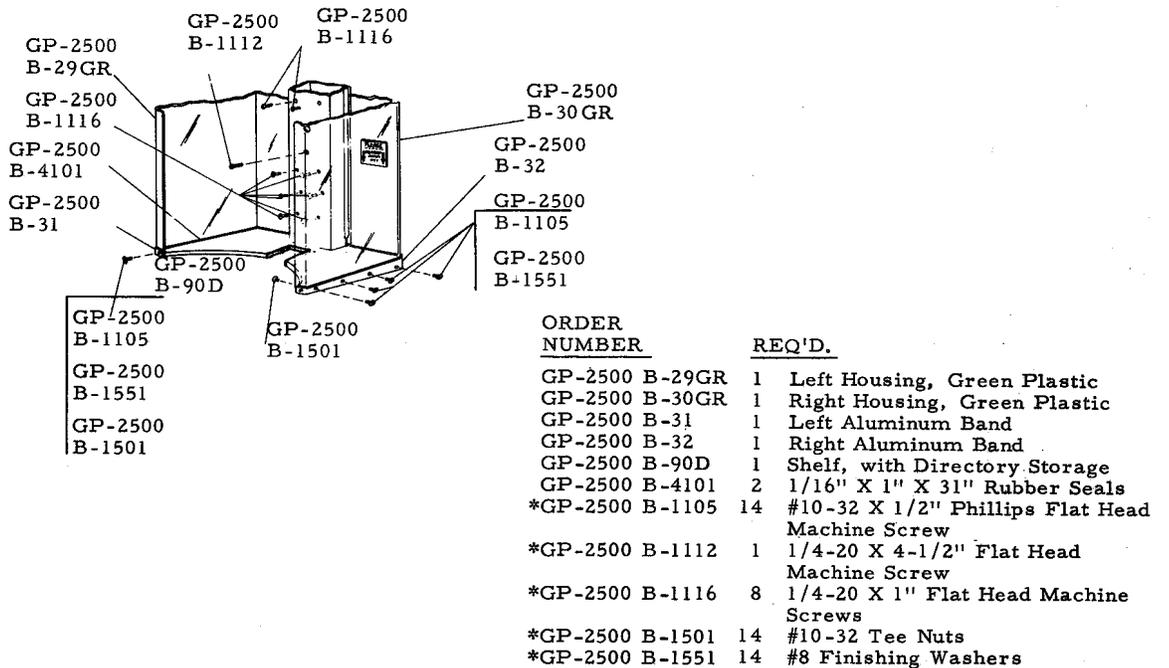
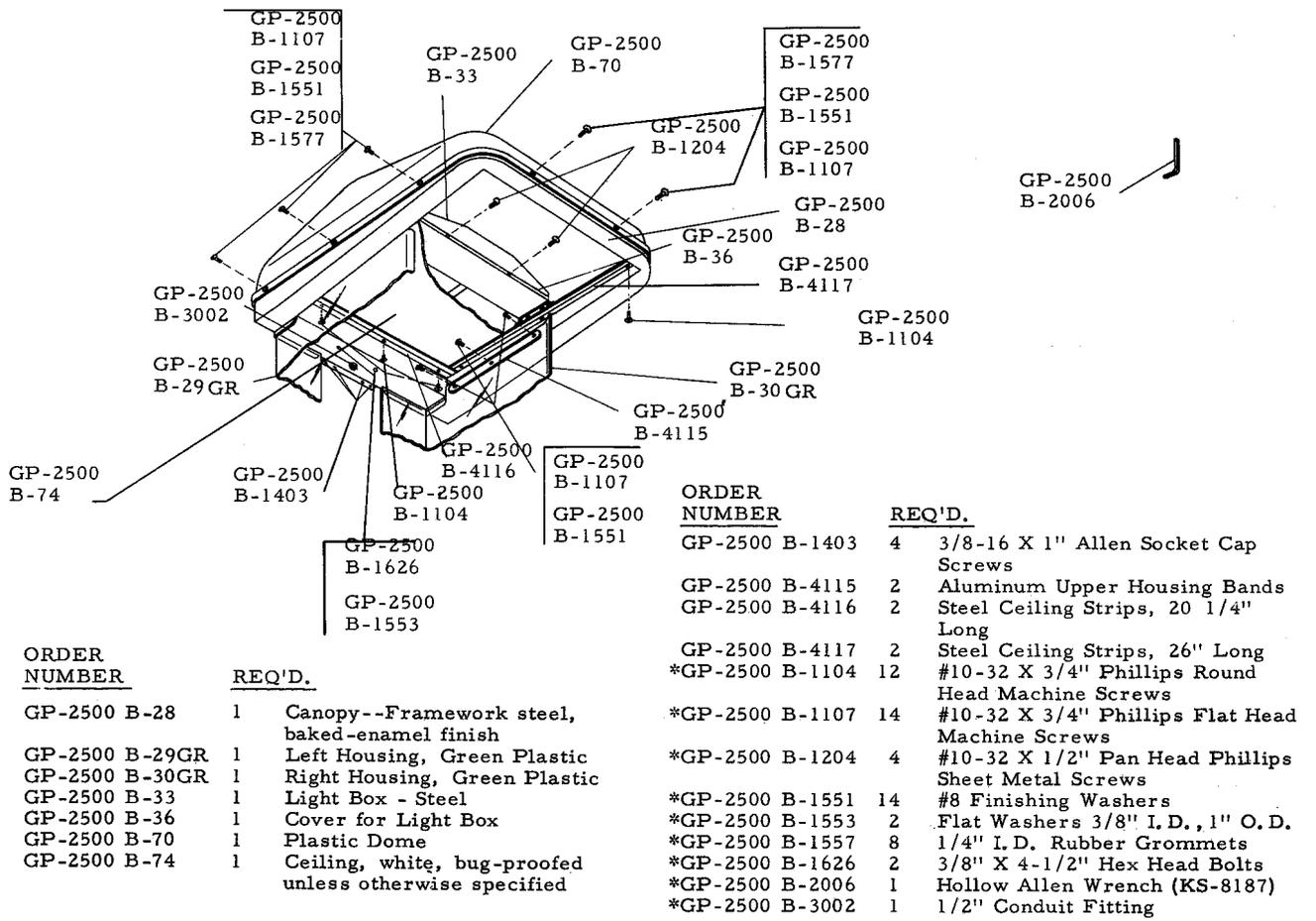
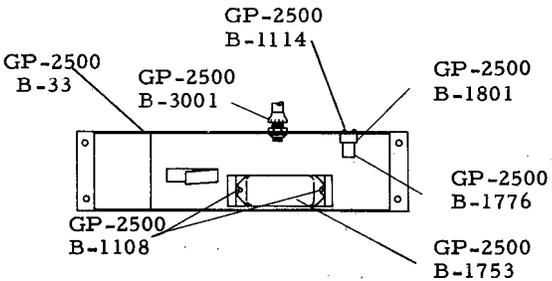
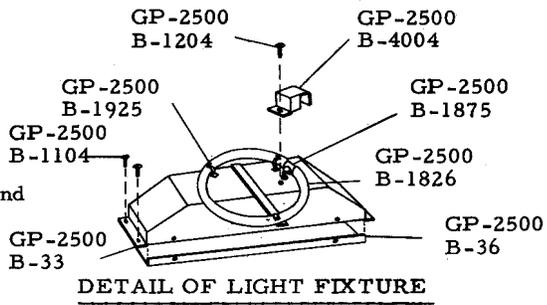


FIGURE 7, PAGE A  
OUTDOOR TELEPHONE CANOPY  
REPLACEMENT PARTS

\*These items should be obtained locally.

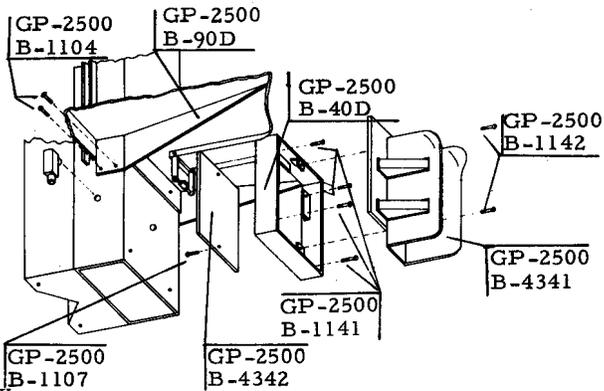
ORDER NUMBER	REQ'D	
GP-2500 B-33	1	Light Box - Steel
GP-2500 B-36	1	Steel Cover for Light Box
GP-2500 B-1925	3	Spring Clips for Circline Lamps
GP-2500 B-4004	1	Metal Protecting Cover for Lamp Connector
*GP-2500 B-1104	4	#10-32 X 3/4" Phillips Round Head Machine Screws
*GP-2500 B-1204	1	#10 X 1/2" Panhead Phillips Sheet Metal Screw
*GP-2500 B-1826	1	32W Circline Lamp
*GP-2500 B-1875	1	Circline Lamp Connector



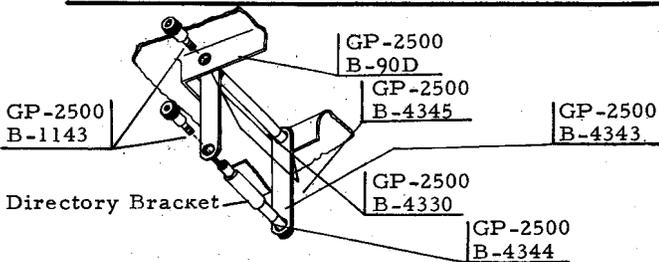
BOTTOM VIEW OF LIGHT BOX

ORDER NUMBER	REQ'D	
GP-2500 B-33	1	Light Box - Steel
GP-2500 B-1928	6	#73B Wire Nuts
GP-2500 B-3001	1	Conduit Fitting
*GP-2500 B-1108	2	#10-32 X 3/4" Phillips Round Head Machine Screws
*GP-2500 B-1114	2	4-40 X 3/8" Round Head Machine Screws
*GP-2500 B-1753	1	32 W Ballast
*GP-2500 B-1776	1	#FS 12 Starter
*GP-2500 B-1801	1	Butt-On Starter Socket

ORDER NUMBER	REQ'D	
GP-2500 B-45	1	Steel Shaft
GP-2500 B-40D	1	Equipment Box-- enameled Steel
*GP-2500 B-3000	2	Condulet Elbow, 1/2" #ASLB-1
GP-2500 B-90D	1	Shelf--plated steel
GP-2500 B-2001	1	Rubber Bumper
GP-2500 B-92	1	Pole/Wall Mounting Bracket
GP-2500 B-4341	1	Equipment Box Cover
GP-2500 B-4342	1	Wood Mounting Board
*GP-2500 B-2008	1	1/8" Allen Wrench
*GP-2500 B-1104	10	#10-32 X 3/4" Phillips Round Head Machine Screw
*GP-2500 B-1107	2	10-32 X 3/4" FHM Screw
*GP-2500 B-1141	4	10-32 X 1" RHM Screw
GP-2500 B-1142	2	1/4-3D X 1/2" RHM Screw (Pin-in-Head)
GP-2500 B-4101	1	1/6" X 1" X 31" Rubber Gasket



SHELF AND SUBSET BOX DETAIL



DIRECTORY HANGER BRACKET DETAIL

ORDER NUMBER	REQ'D	
GP-2500 B-90D	1	Shelf,
GP-2500 B-1143	1	1/4 X 1/2" Socket Shoulder Screw.
GP-2500 B-4330	1	Plated Sleeve, Long
GP-2500 B-4344	1	Plated Sleeve, Short
GP-2500 B-4343	1	Hanger Bracket, Stainless Steel
GP-2500 B-4345	2	Plastic Spacer

FIGURE 7, PAGE B  
OUTDOOR TELEPHONE CANOPY  
REPLACEMENT PARTS

\*These items should be obtained locally