

KS-20842 "SENTRY*" PUBLIC TELEPHONE ENCLOSURE

MISCELLANEOUS APPARATUS

IDENTIFICATION AND INSTALLATION

1. GENERAL

1.01 This section provides information on miscellaneous apparatus associated with KS-20842 SENTRY public telephone enclosures. Information contained in this section was formerly found in Section 508-452-100. Section 508-452-100 now contains identification and installation information for single and double KS-20842 SENTRY public telephone enclosure, Section 508-452-101 contains information on cluster (four position) SENTRY public telephone enclosures, and Section 508-452-102 contains maintenance information for all SENTRY public telephone enclosures.

1.02 This section is reissued to add:

- (a) KS-20063, List 1 and List 2 nonilluminated signs
- (b) KS-20842, List 58 mast assembly.

Revision arrows are used to emphasize the more significant changes.

1.03 *Warning: Telephone apparatus or wiring shall not be installed in a location where minimum separation from other wiring as specified in Division 460 cannot be maintained.* A variety of miscellaneous apparatus used with these enclosures are listed in Table A.

2. IDENTIFICATION

2.01 Miscellaneous apparatus required or approved for use with SENTRY public telephone enclosures include telephone and electrical wiring and grounding requirements, illuminated or nonilluminated signs, light control units, directory hangers/facilities, mast assembly, etc, are listed in Table A.

*Trademark of Western Electric

Ordering (See Table A)

2.02 Orders for associated apparatus used with these enclosures shall specify the quantity, KS-number, and list number.

3. INSTALLATION

A. Wiring and Grounding

3.01 Telephone and electrical wiring for SENTRY public telephone enclosures can enter the enclosure arrangement from the top, bottom, or underground, depending on the location. Overhead entrance can be provided if a List 170 mast assembly is installed.

3.02 Figures 1 through 3 show the locations of the wire entrance holes for these enclosures and Fig. 4 through 8 for recommended wiring routes to the station protector and electrical outlets.

Note: If underground entrance is used, provide conduit as required.

3.03 Install electrical wiring to conform with current requirements of the National Electrical Code (NEC), Government Agencies, and company standards.



Under no circumstances shall any makeshift or temporary electrical connections be made on lighting equipment. Before making any repairs or replacements in electrical equipment, make sure that the circuit is dead. Verification can be made by using an electrical tester or other Underwriters Laboratories approved testing devices. Wear eye protection when handling fluorescent lamps.

3.04 Refer to Section 508-100-100 for complete grounding information for electrical power and station protector.

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

♦TABLE A♦

**ORDERING GUIDE
ASSOCIATED OPTIONAL APPARATUS**

NUMBER	DESCRIPTION	REMARKS
KS-20031, L1	Illuminated Sign	Triangular Sign — Requires a KS-20842, List 72 Sign Kit
KS-20031, L3		Triangular Sign With KS-20842, List 79 Power Cord — Requires KS-20842, List 72 Sign Kit
KS-20135, L3		Double-Sided Sign — Clear Housing; White Graphics on Blue Background
KS-20135, L3B		Double-Sided Sign — Black Housing; White Graphics on Blue Background
KS-20135, L13		Double-Sided Sign — Clear Housing Blue Graphics on White Background
KS-20135, L13B		Double-Sided Sign — Black Housing; Blue Graphics on White Background
KS-20063, L1	Nonilluminated Sign	12-Inch Square, Lettered on Both Sides
KS-20063, L2		18-Inch Square, Lettered on Both Sides
KS-21435, L1	Directory Facility	Single 3-Inch Binder, List 31 Housing
KS-21435, L2		Single 3-Inch Binder, List 32, 33, 34, 35, or 35A Housing
KS-21435, L3		Single 3-Inch Binder, List 30 Shelf
KS-20030, L10	Directory Hangers	Single Binder — Open Ends, 4-Inches Thick, Clockwise Rotation
KS-20030, L11		Single Binder — Closed Ends 4-Inches Thick, Clockwise Rotation
KS-20030, L12		Two Single Binders Closed Ends, Counterclockwise Rotation
KS-20030, L13		Single Binder, Closed Ends, 4-Inches Thick, Clockwise Rotation
KS-19261, L2	Light Control Unit	For Four-Position Cluster Installations
KS-19261, L4		For Outside Post Installations
KS-19261, L5		For Use With Lists 42 and 45 Mountings
KS-19261, L10	Light Control Kit	Used With KS-19261, List 4 Light Control Unit, A 10-Foot Cord With Male Plug — Used Where Two or More Posts are Involved

♦TABLE A♦ (Contd)

**ORDERING GUIDE
ASSOCIATED OPTIONAL APPARATUS**

NUMBER	DESCRIPTION	REMARKS
Heineman Electric Co., No. 0912 Single-Pole Circuit Breaker, 120-Volt AC, 15 Ampere, Time-Delay Curve No. 3, Catalog No. 91-106-1	Circuit Breaker	Used With List 40, 41, or 43 Post; List 141 or 143 Post-Base; and List 45 Mounting
KS-19426, L17	Circuit Breaker Box	Houses Circuit Breaker
KS-20842, L25	Power Cord Assembly	For Use With List 40, 41, or 43 Post; List 141 or 143 Post-Base; and List 42 or 45 Mounting
KS-20842, L56	Mast Adapter Kit	For Use With List 170, 176, or 177 Masts With List 40, 41, or 43 Post
KS-20842, L57	Directory Shelf Kit	For Use With List 33 or 35A Housing and List 141 or 143 Post-Base
KS-20842, L58	Mast Assembly	45-Inch Used to Mount Nonilluminated Signs
KS-20842, L72	Sign Kit	For Use With KS-20031, List 3 Illuminated Sign
KS-20842, L75	Cover Assembly	For Use With List 31 Housing
KS-20842, L76*	Mast Assembly	Clear Finish (45-Inch)
KS-20842, L76B*	Mast Assembly	Black Finish (45-Inch)
KS-20842, L77*	Mast Assembly	Clear Finish (12-Inch)
KS-20842, L77B*	Mast Assembly	Black Finish (12-Inch)
KS-20842, L79	Power Cord Assembly	For Use With KS-20031, List 3 Illuminated Sign
KS-20842, L170	Mast Assembly	Clear Finish (90-Inch)
KS-20842, L170B	Mast Assembly	Black Finish (90-Inch)
KS-20842, L176	Mast Assembly	Clear Finish (45-Inch)
KS-20842 L176B	Mast Assembly	Black Finish (45-Inch)
KS-20842, L177	Mast Assembly	Clear Finish (12-Inch)
KS-20842, L177B	Mast Assembly	Black Finish (12-Inch)

* A&M Only.

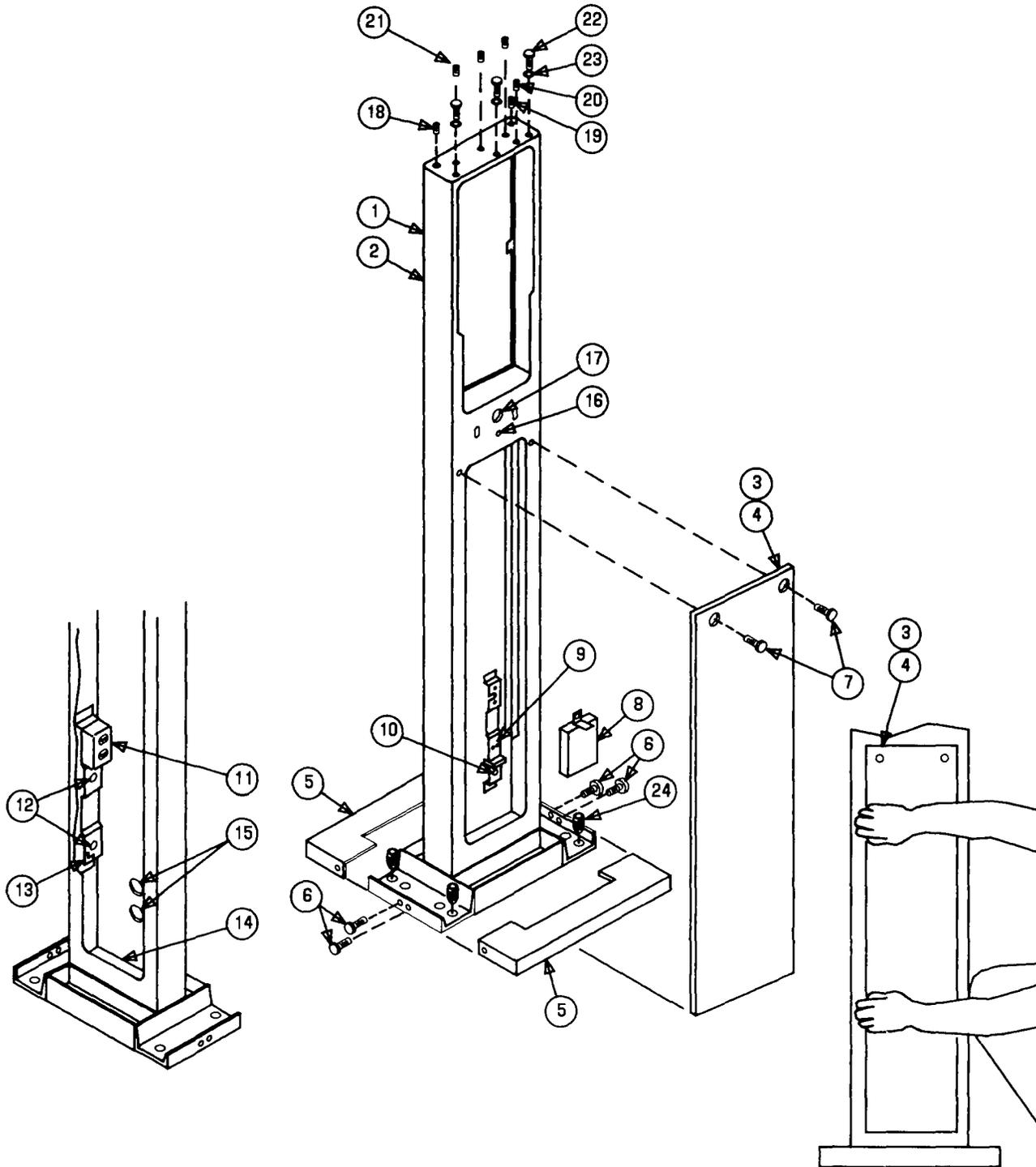
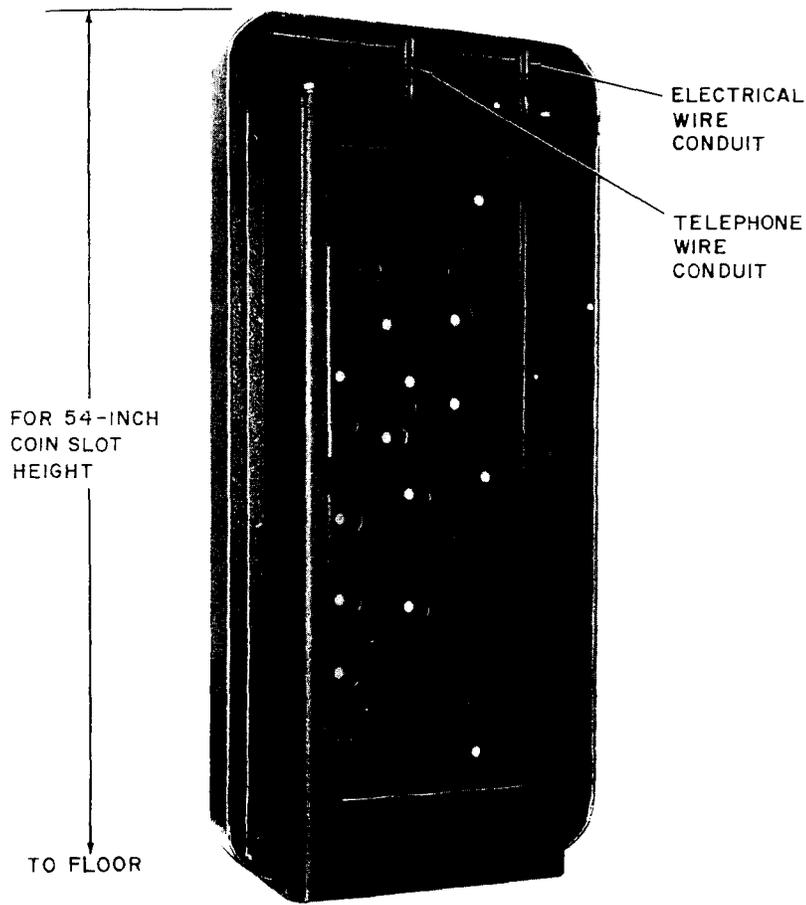


Fig. 1—List 141 or 143 Post-Base Assembly (Sheet 1 of 2)

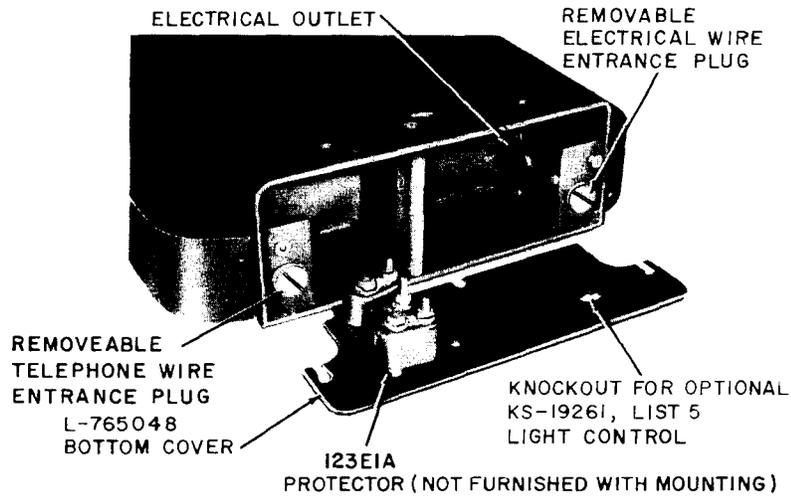
LEGEND

- ① L-905586-2 POST (L141)
- ② L-905586-3 POST (L143)
- ③ L-765006-2 PANEL (L141)
- ④ L-765006-3 PANEL (L143)
- ⑤ L-905594 COVER
- ⑥ BUTTON HD SECURITY SCREW
- ⑦ L-765065-3 FH SECURITY SCREW
- ⑧ L-765043 PROTECTOR COVER
- ⑨ TELEPHONE PROTECTOR MTG SCREWS
- ⑩ TELEPHONE GROUND SCREW
- ⑪ ELECTRICAL OUTLET
- ⑫ CIRCUIT BREAKER MTG SCREWS
- ⑬ ELECTRICAL GROUND LUG
- ⑭ UNDERGROUND TEL AND POWER WIRE ENTRANCE
- ⑮ OPTIONAL TEL AND POWER KNOCKOUTS
- ⑯ LIGHT CONTROL KNOCKOUT
- ⑰ CABLE HOLE
- ⑱ 1/2-IN. PLASTIC PLUG (ELECTRICAL WIRE ENTRANCE)
- ⑲ 1/2-IN. PLASTIC PLUG (TELEPHONE WIRE ENTRANCE)
- ⑳ 3/8-IN. PLASTIC PLUG
- ㉑ 1/2-13 X 3/8 IN. SOCKET SET SCREW
- ㉒ 3/8-16 X 1-1/4 IN. HEX HD SCREW
- ㉓ 3/8-IN. PLAIN WASHER
- ㉔ 1/4-20 X 3/4 IN. SOCKET SET SCREW

Fig. 1—List 141 or 143 Post-Base Assembly (Sheet 2 of 2)



FRONT VIEW



BOTTOM VIEW

Fig. 2—List 42 Mounting

B. Circuit Breaker and Service Entrance Box

3.05 Use a KS-19426, List 17 (Fig. 9) service entrance box and install on the bracket provided in lower portion of post or post base (Fig. 1 or 3).

3.06 Use a Heineman Electric Co., No. 0912 single-pole circuit breaker, 120-volt ac, 15 ampere, time delay curve No. 3. Purchase locally as catalog No. 91-106-1. See Fig. 9.

C. List 25 Power Cord

3.07 A KS-20842, List 25 power cord assembly is intended for use with List 40, List 41, List 43 post, or List 141 and List 143 post base; and List 42 and List 45 mounting (Fig. 10) as follows:

Note: The Thomas and Betts No. 3302 Connector and Lock Nut are not required when the List 25 power cord assembly is installed in the List 42 or List 45 mounting.

- (1) Install the List 25 power cord by routing the cord through the opening in top of post or post base (mounting).
- (2) Terminate the cord at the receptacle located in bottom portion of post, post base, or mounting.
- (3) Slide down and tighten the EFCOR No. 8103-575 cord connector (strain-relief) on the cord where it enters the top of either mounting.
- (4) Plug the cord into the weatherproof power receptacle.

D. Light Control Unit

3.08 In single post installations, use a KS-19261, List 4 light control unit. An installation requiring a List 42 or List 45 mounting, use a KS-19261, List 5 light control unit.

3.09 In multiple installations (side-by-side or back-to-back), use a KS-19261, List 4 light control unit plus a KS-19261, List 10 light control kit.

3.10 In four-position cluster installations, use a KS-19261, List 2 light control unit.

3.11 Use installation procedures outlined in Section 508-825-100.



Certain list number posts, post base, and mountings can be ordered from the factory with a light control unit installed. This arrangement is or-

dered by adding an "L" after the list number.

E. Illuminated Signs

3.12 KS-20135, List 3 or List 13 Sign (Fig. 11 or 12): This sign can be installed on a KS-20842, List 70, List 76, List 170, or List 176 mast assembly as follows:

Note: Before mast assembly is installed on post or post base, pull the List 79 power cord (furnished with sign) through post or post base and mast assembly as shown.

- (1) Secure mast assembly to post or post base (paragraph 3.19 or 3.20).
- (2) Slide strain-relief cord connector on power cord and thread into mast assembly. Do not tighten.
- (3) Remove cover from sign.
- (4) Install sign on mast assembly using four 1/4-20 by 5/8 hex head bolts (part of mast assembly).
- (5) Open the hinged side of sign to make lamp socket accessible.
- (6) Route power cord into sign through opening in rear of sign.
- (7) Connect (BK) and (W) leads to lamp base and (G) lead to electrical outlet box.
- (8) **DANGER: Do not expose eyes or skin surface to ultraviolet rays of a burning mercury arc if the outer glass envelope is broken.** Install lamp base in electrical box.
- (9) Install the self-ballasted mercury vapor lamp (furnished, but packaged separately).
- (10) Close hinged side of sign.
- (11) Tighten strain-relief cord connector installed in Step (2).
- (12) Install cover removed in Step (3).
- (13) Plug power cord into receptacle in bottom of post or post base.

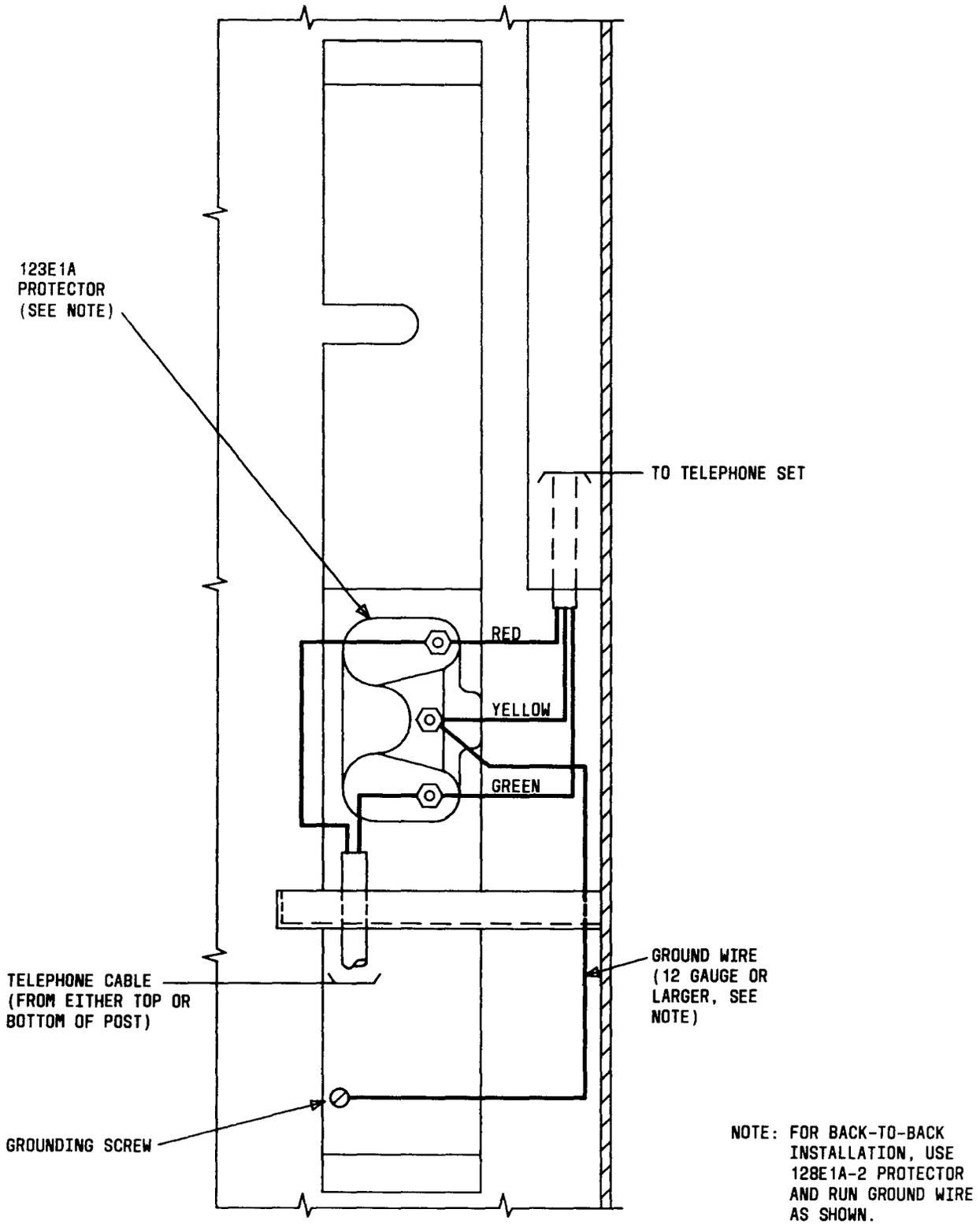


Fig. 4—List 40, 41, or 43 Post; List 141 or 143 Post-Base, Telephone Wiring and Grounding Requirements

B. Circuit Breaker and Service Entrance Box

3.05 Use a KS-19426, List 17 (Fig. 9) service entrance box and install on the bracket provided in lower portion of post or post base (Fig. 1 or 3).

3.06 Use a Heineman Electric Co., No. 0912 single-pole circuit breaker, 120-volt ac, 15 ampere, time delay curve No. 3. Purchase locally as catalog No. 91-106-1. See Fig. 9.

C. List 25 Power Cord

3.07 A KS-20842, List 25 power cord assembly is intended for use with List 40, List 41, List 43 post, or List 141 and List 143 post base; and List 42 and List 45 mounting (Fig. 10) as follows:

Note: The Thomas and Betts No. 3302 Connector and Lock Nut are not required when the List 25 power cord assembly is installed in the List 42 or List 45 mounting.

- (1) Install the List 25 power cord by routing the cord through the opening in top of post or post base (mounting).
- (2) Terminate the cord at the receptacle located in bottom portion of post, post base, or mounting.
- (3) Slide down and tighten the EFCOR No. 8103-575 cord connector (strain-relief) on the cord where it enters the top of either mounting.
- (4) Plug the cord into the waterproof power receptacle.

D. Light Control Unit

3.08 In single post installations, use a KS-19261, List 4 light control unit. An installation requiring a List 42 or List 45 mounting, use a KS-19261, List 5 light control unit.

3.09 In multiple installations (side-by-side or back-to-back), use a KS-19261, List 4 light control unit plus a KS-19261, List 10 light control kit.

3.10 In four-position cluster installations, use a KS-19261, List 2 light control unit.

3.11 Use installation procedures outlined in Section 508-825-100.



Certain list number posts, post base, and mountings can be ordered from the factory with a light control unit installed. This arrangement is or-

dered by adding an "L" after the list number.

E. Illuminated Signs

3.12 KS-20135, List 3 or List 13 Sign (Fig. 11 or 12): This sign can be installed on a KS-20842, List 70, List 76, List 170, or List 176 mast assembly as follows:

Note: Before mast assembly is installed on post or post base, pull the List 79 power cord (furnished with sign) through post or post base and mast assembly as shown.

- (1) Secure mast assembly to post or post base (paragraph 3.19 or 3.20).
- (2) Slide strain-relief cord connector on power cord and thread into mast assembly. Do not tighten.
- (3) Remove cover from sign.
- (4) Install sign on mast assembly using four 1/4-20 by 5/8 hex head bolts (part of mast assembly).
- (5) Open the hinged side of sign to make lamp socket accessible.
- (6) Route power cord into sign through opening in rear of sign.
- (7) Connect (BK) and (W) leads to lamp base and (G) lead to electrical outlet box.
- (8) **DANGER: Do not expose eyes or skin surface to ultraviolet rays of a burning mercury arc if the outer glass envelope is broken.** Install lamp base in electrical box.
- (9) Install the self-ballasted mercury vapor lamp (furnished, but packaged separately).
- (10) Close hinged side of sign.
- (11) Tighten strain-relief cord connector installed in Step (2).
- (12) Install cover removed in Step (3).
- (13) Plug power cord into receptacle in bottom of post or post base.

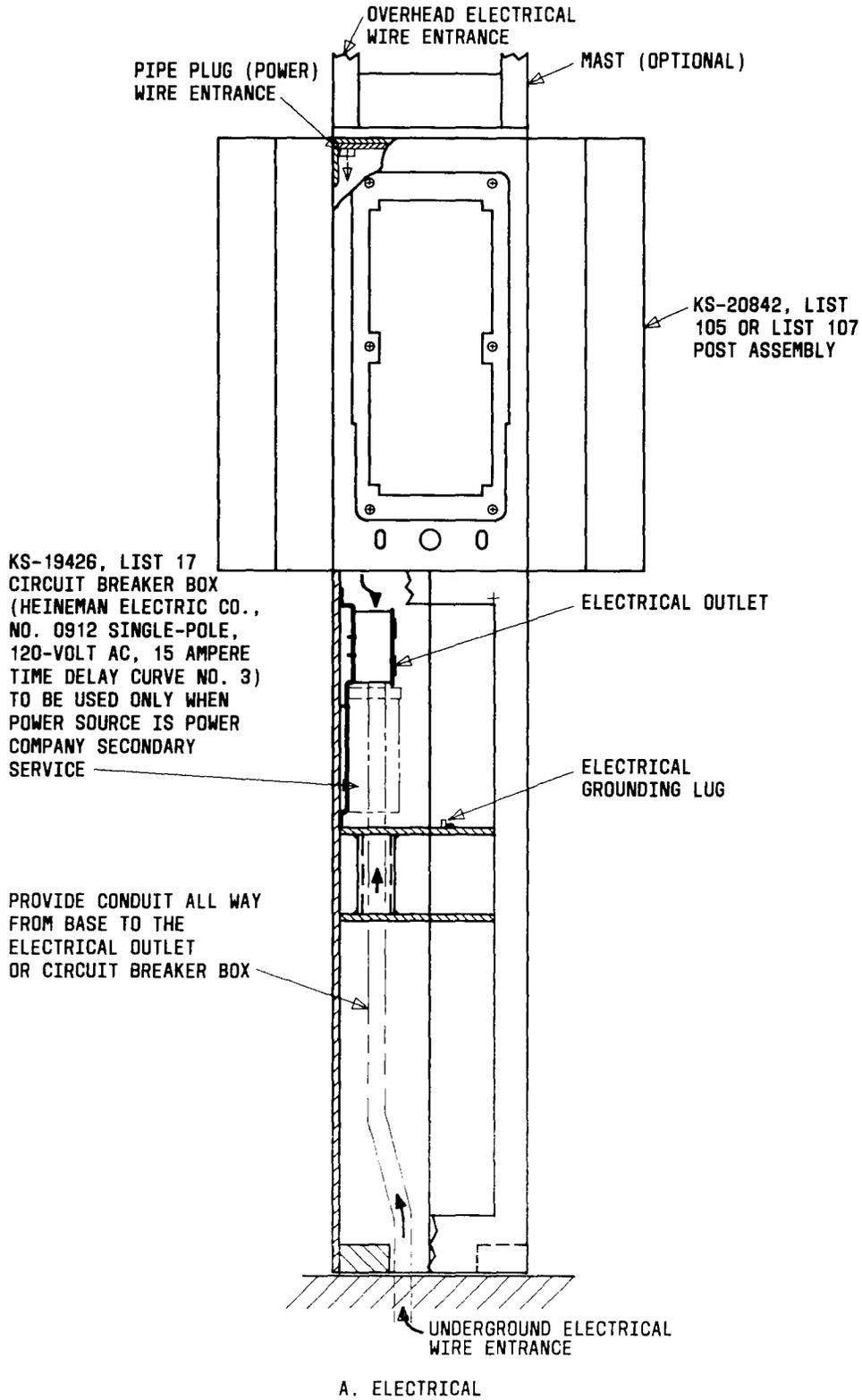


Fig. 3—Four-Position Cluster Post, Electrical and Telephone Wiring Arrangement (Sheet 1 of 2)

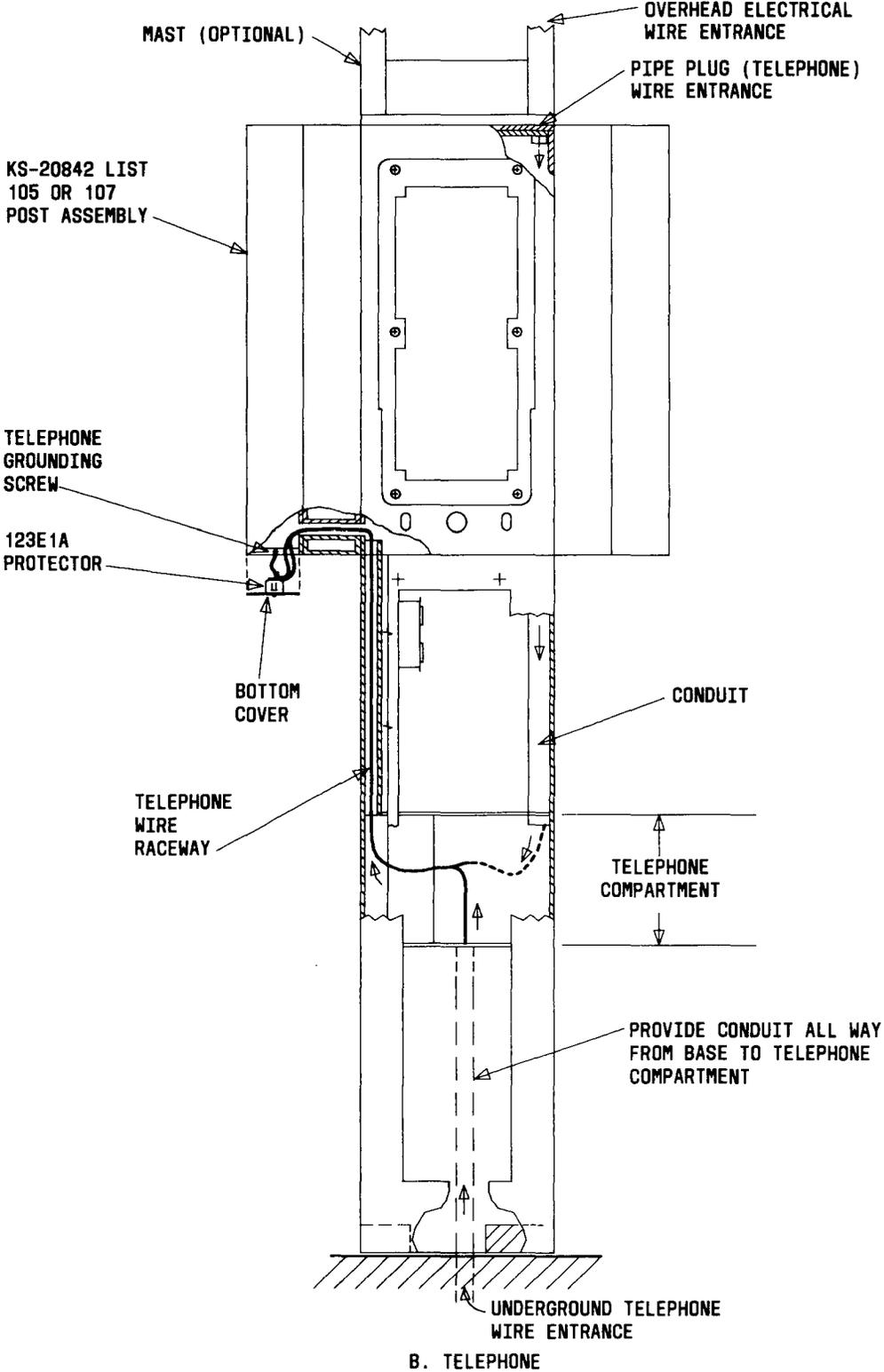


Fig. 3—Four-Position Cluster Post, Electrical and Telephone Wiring Arrangement
(Sheet 2 of 2)

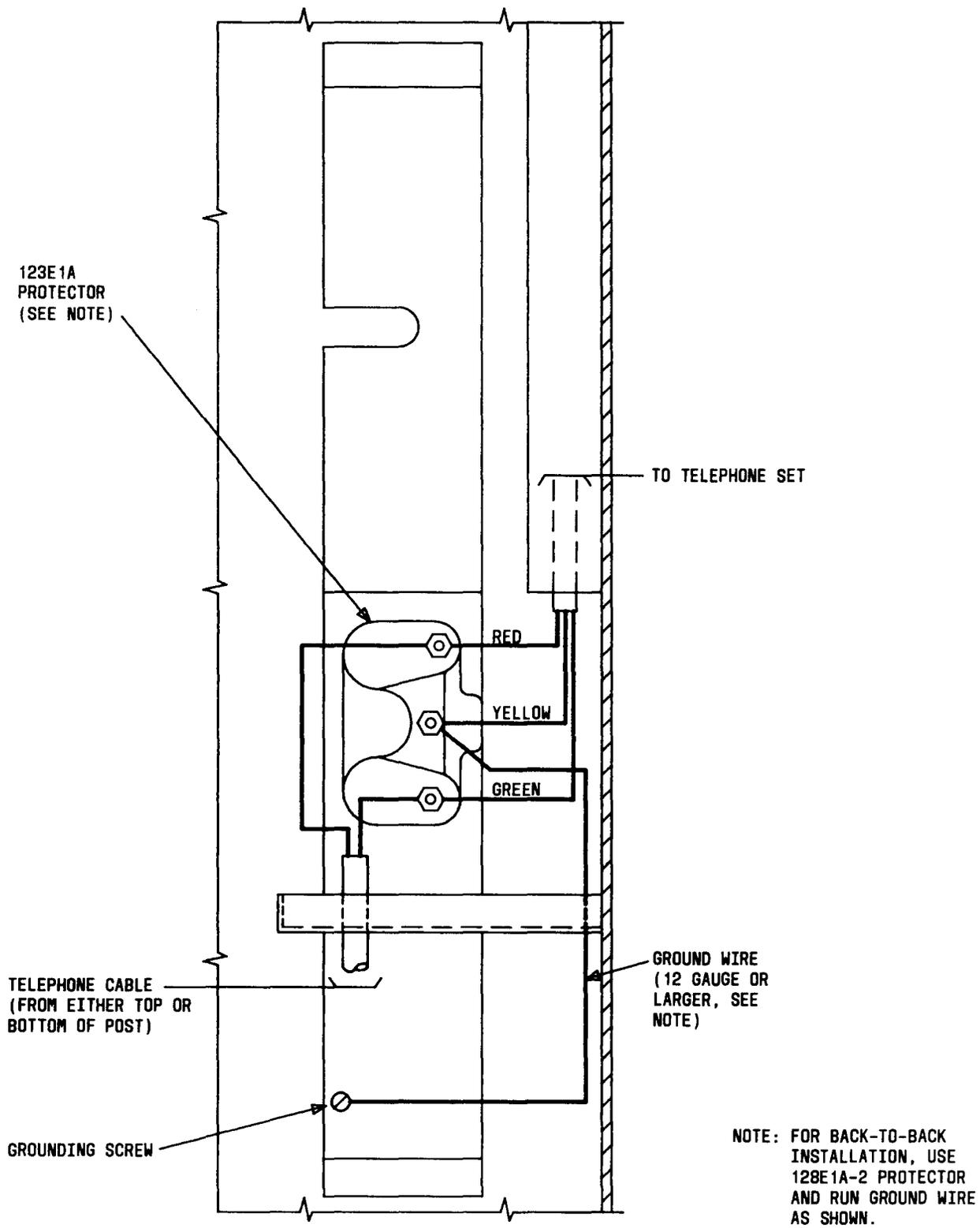


Fig. 4—List 40, 41, or 43 Post; List 141 or 143 Post-Base, Telephone Wiring and Grounding Requirements

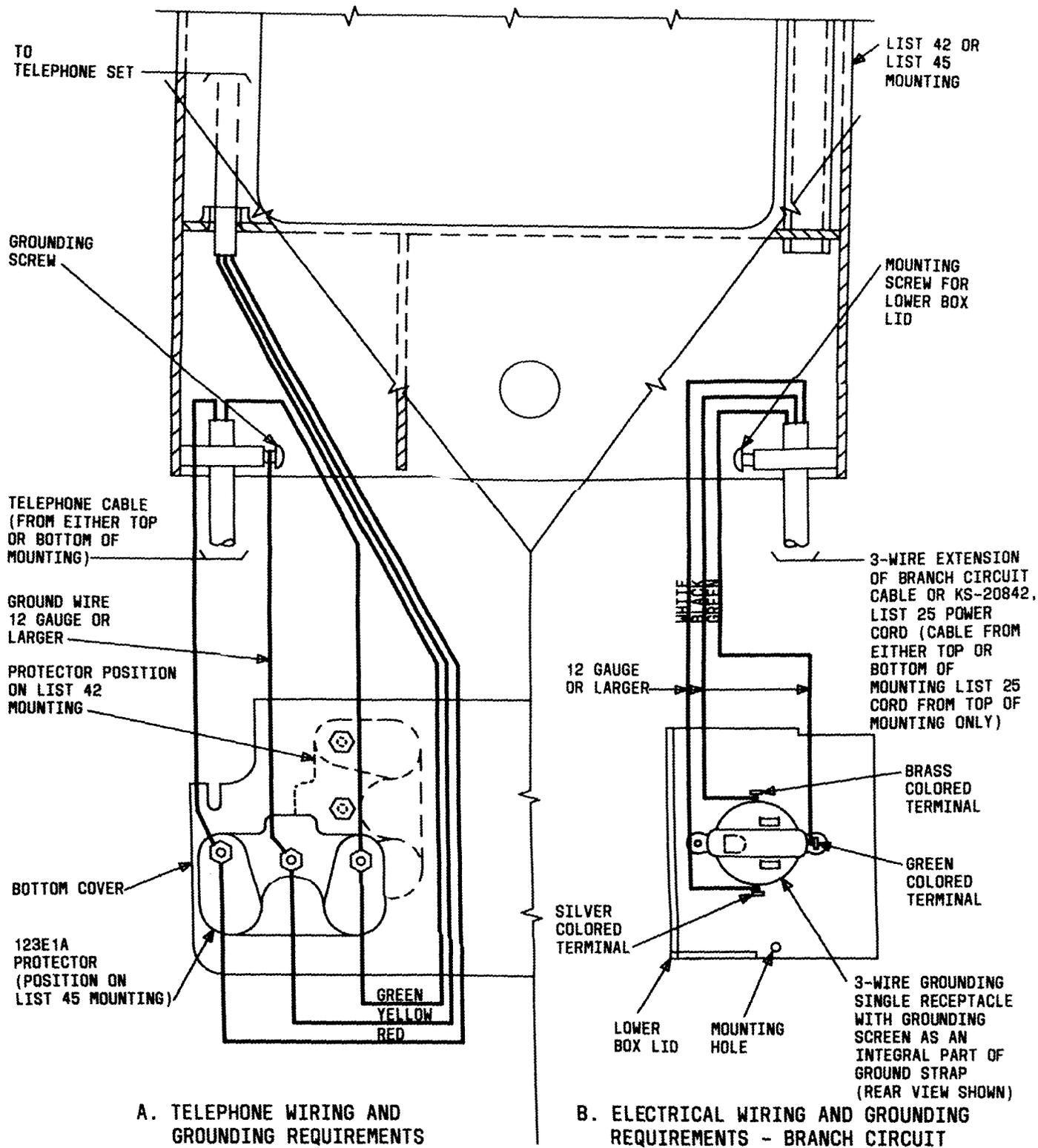
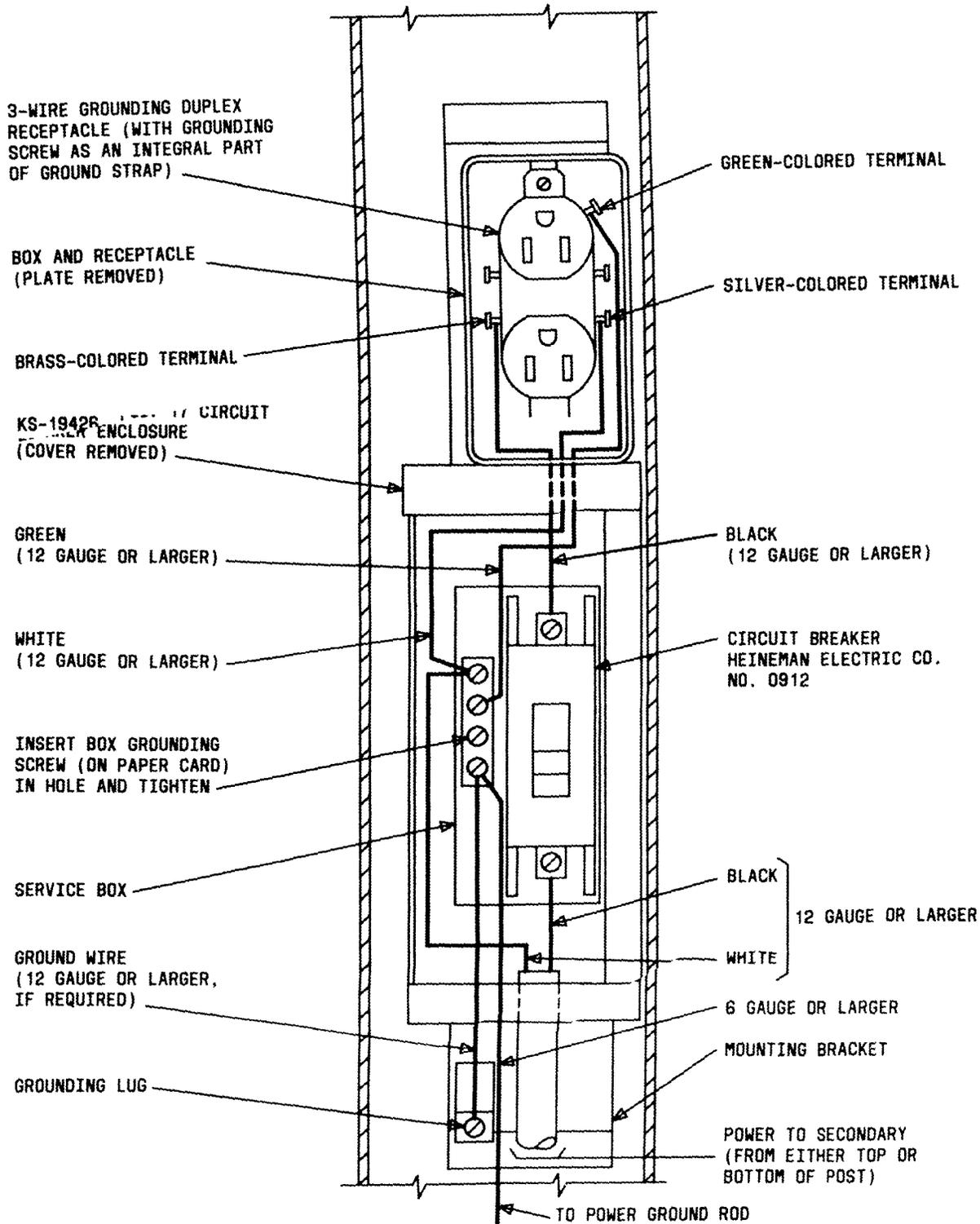


Fig. 5—List 42 or 45 Mounting, Telephone and Electrical Wiring and Grounding Requirements



A. POWER SOURCE DIRECTLY FROM POWER COMPANY SECONDARY

Fig. 6—List 40, 41, or 43 Post; List 141 or 143 Post-Base, Electrical Wiring and Grounding Requirements (Sheet 1 of 2)

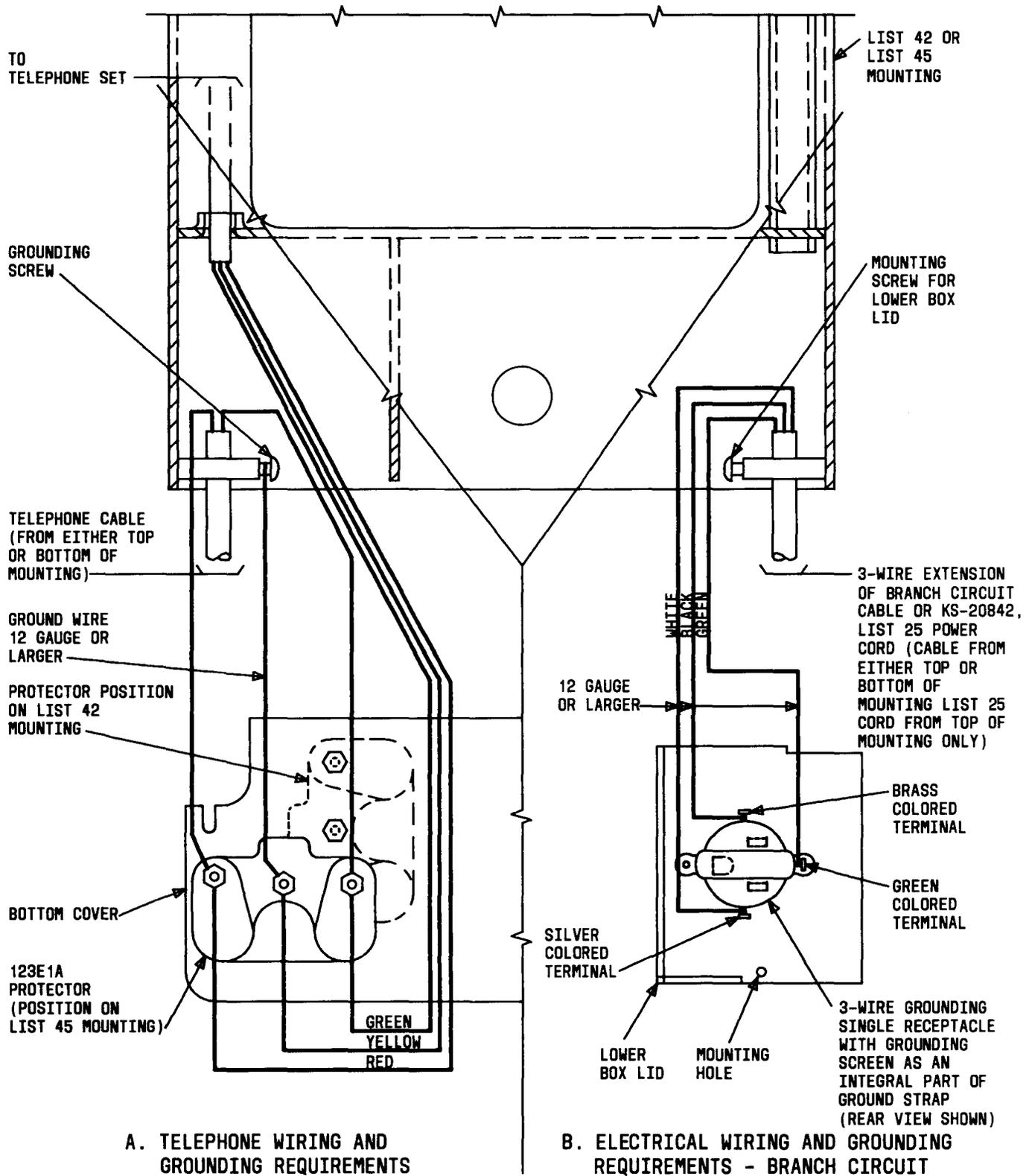
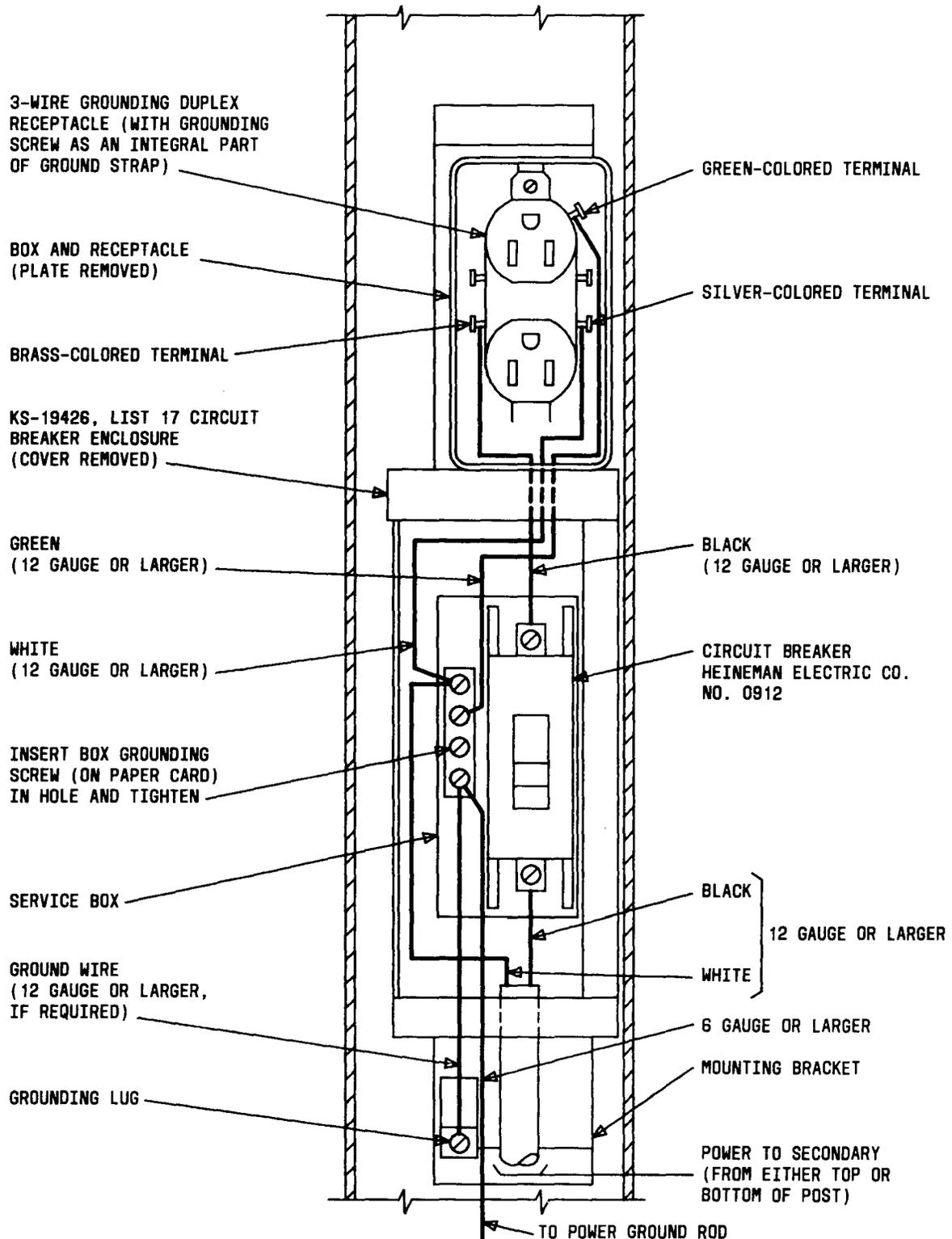
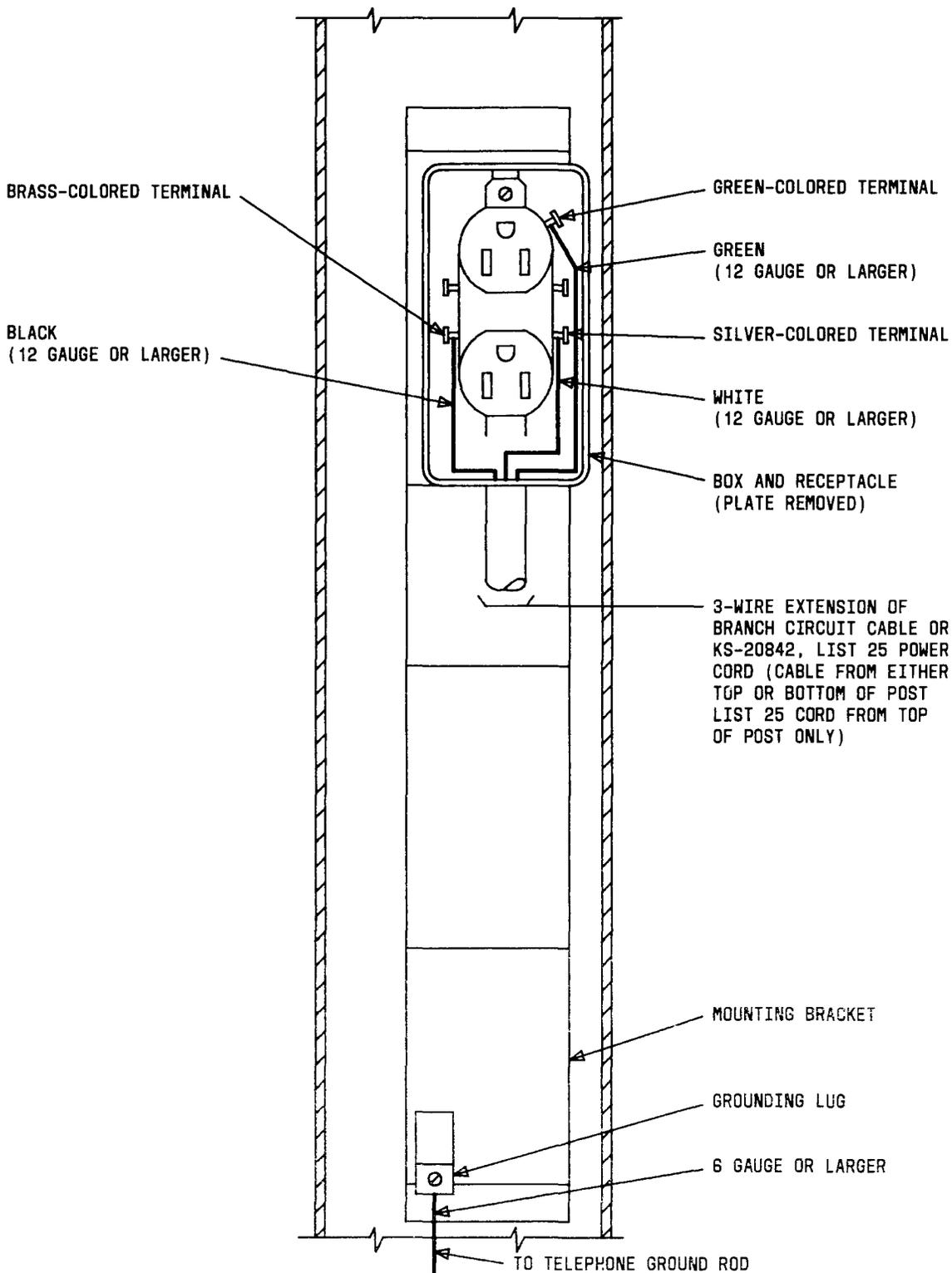


Fig. 5—List 42 or 45 Mounting, Telephone and Electrical Wiring and Grounding Requirements



A. POWER SOURCE DIRECTLY FROM POWER COMPANY SECONDARY

Fig. 6—List 40, 41, or 43 Post; List 141 or 143 Post-Base, Electrical Wiring and Grounding Requirements (Sheet 1 of 2)



B. BRANCH CIRCUIT (INCLUDING LIST 25 POWER CORD)

Fig. 6—List 40, 41, or 43 Post; List 141 or 143 Post-Base, Electrical Wiring and Grounding Requirements (Sheet 2 of 2)

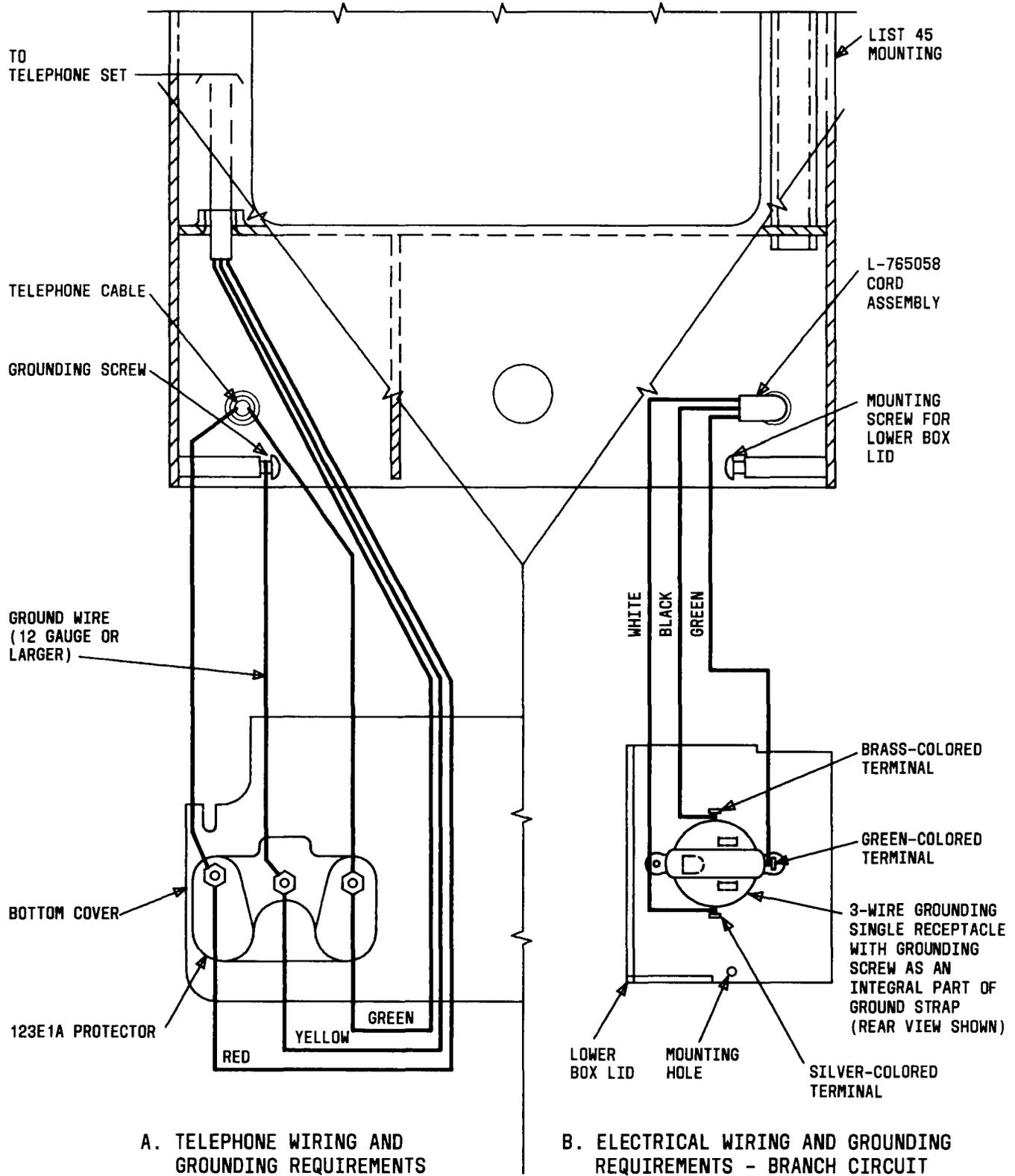


Fig. 7—Four-Position Cluster Telephone and Electrical Wiring and Grounding Requirements

3.13 KS-20031, List 1 or List 3 Sign (Fig. 13 or 14): This sign can be installed on List 170, List 176, and List 177 mast assemblies as follows:

Note: Before mast assembly is installed on post base, pull the List 79 power cord (furnished with List 3 sign) through post base and mast assembly as shown in Fig. 12.

- (1) Install a KS-20842, List 72 sign kit on top of mast assembly per Fig. 15.
- (2) Install the sign on the adapter per Fig. 13.

◆F. Nonilluminated Signs

3.14 KS-20063, List 1 or List 2 Sign Fig. 23): This sign is intended for use with KS-20842, List 58 mast assembly only as follows:

- (1) Secure mast to post or post base (paragraph 3.21).
- (2) Install sign on mast using three 1/4-20 by 3/4 Phillips roundhead screws, three 1/4-inch plain washers, and three 1/4-inch lockwashers. Mounting hardware for the sign is furnished with mast assembly.

Note: Sign may be fastened to either side of mast, all four sides are predrilled.◆

G. Directory Hangers/Facilities

3.15 Install a KS-20030, List 10 (see Table A) on a KS-20842, List 30 shelf or a KS-20842, List 31 or List 31A housing as directed in Section 508-710-102.

3.16 Install a KS-20030, List 11, List 12, or List 13 (see Table A) on a KS-20842, List 32, List 33, List 35, or List 35A housing as directed in Section 508-710-102.

Note: These directory hangers are not recommended for use on drive-up installations.

3.17 Install KS-21435, List 1 directory facility (Fig. 16) under a KS-20842, List 31 or List 31A housing using the four No. 10-32 by 3/8 flathead security screws furnished with the facility.

Note 1: A KS-20842, List 75 cover assembly cannot be used on a List 31 housing where a KS-21435, List 1 directory facility exists.

Note 2: These directory hangers are not recommended for use on drive-up installations.

3.18 Install KS-21435, List 2 directory facility under a KS-20842, List 32, List 33, List 34, List 35, or List 35A housing using the four No. 10-32 by 3/8 roundhead security screws and four No. 10 lockwashers furnished with the facility.

H. Cover Assembly

3.19 KS-20842, List 75 Cover Assembly (Fig. 17): Install the List 75 cover assembly on List 31 housing per Fig. 17. All components are furnished with cover.

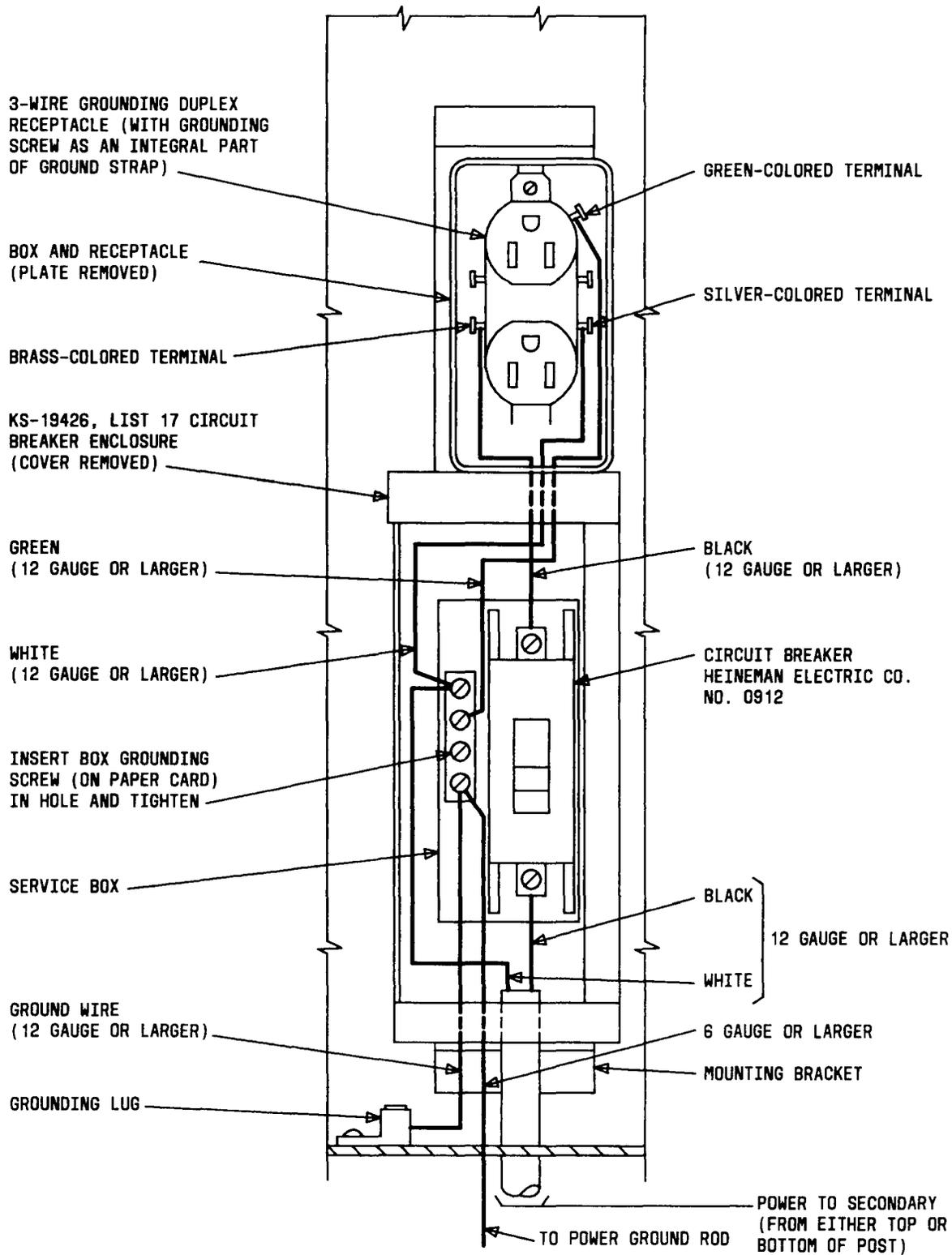
Note: The L-765095 shim is not used when a KS-20030, List 10 directory hanger exists. The List 75 cover assembly cannot be used if a KS-21435, List 1 directory facility exists.

I. Mast Assemblies

3.20 Warning: Telephone apparatus or wiring shall not be installed in a location where minimum separation from other wiring as specified in Division 460 cannot be maintained. Use List 70, List 76, or List 77 mast assembly with List 40, List 41, or List 43 post (Fig. 19). Install as follows:

Note: These three mast assemblies are similar except for the length. They can be installed on either of the five posts, except the List 70 is the only one that can be used with overhead power. The List 77 should not be mounted on a List 43 post.

- (1) Remove five hex head screws and flat washers, the L-765005 post cap, and the L-765044 seal assembly from top of post.
- (2) Remove the paper backing from the L-765091 seal assembly (furnished with mast assembly) and secure the seal to bottom of mast assembly (Fig. 18).
- (3) If overhead power and telephone wires are to be brought in (List 70 mast assembly only), remove the threaded hole plugs from top of post.
- (4) Install mast assembly on post and secure it with the five 3/8-16 by 1-1/2 hex head screws



A. POWER SOURCE DIRECTLY FROM POWER COMPANY SECONDARY

Fig. 8—Cluster Post Electrical Wiring and Grounding Requirements (Sheet 1 of 2)

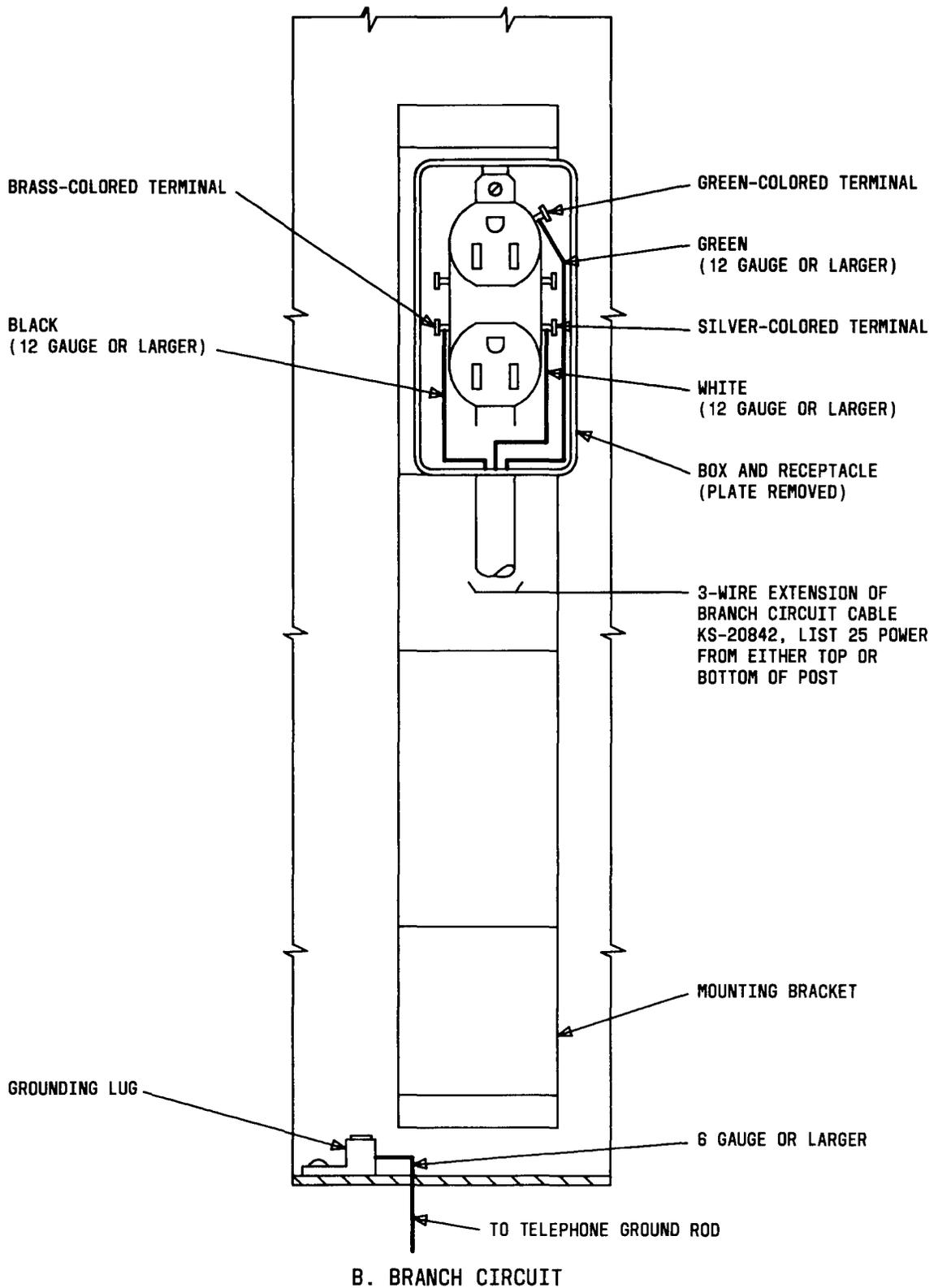


Fig. 8—Cluster Post Electrical Wiring and Grounding Requirements (Sheet 2 of 2)

CIRCUIT BREAKER:
HEINEMAN ELECTRIC CO.
NO. 0912 SINGLE-POLE,
120-VOLT AC, 15 AMPERE
TIME DELAY CURVE NO. 3
CATALOG NO. 91-106-1

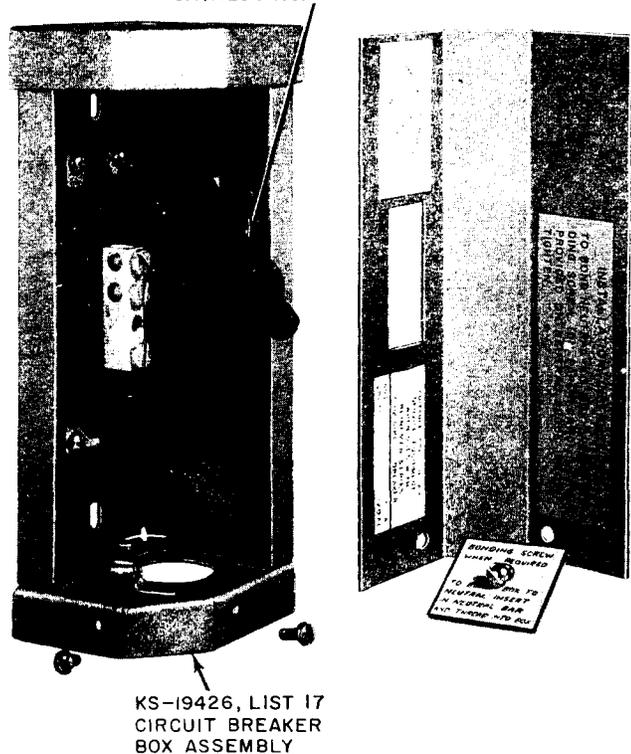


Fig. 9—Circuit Breaker Box With Circuit Breaker Installed

and five 13/32-inch flat washers removed in Step (1).

Note: If a housing is to be installed immediately after the mast assembly, do not install the three front screws at this time.

(5) If overhead wiring is to be used, install Crouse Hines 3/4-inch No. F-285 (or equivalent) service head plus 3/4-14 by 1-1/2 close nipple (Fig. 19).

3.21 Use List 170, List 176, or List 177 mast assembly with List 141 or List 143 post base (Fig. 20). Install as follows:

Note: The interface between the List 170, List 176, or List 177 mast assembly and List 141 or List 143 post base provide for a mast assem-

bly to be installed directly to the top of a post base without removing an installed housing.

- (1) Remove the three 1/2-13 by 3/8 socket setscrews from top of post base.
- (2) If overhead power and telephone wires are to be brought in (List 170 mast assembly only), remove the 1/2-inch plastic plugs from top of post base.
- (3) Install mast assembly on post base and secure it with the three 3/8-16 by 1-1/4 hex head screws and three 3/8-inch plain washers furnished with the mast assembly.
- (4) If overhead wiring is to be used, install Crouse Hinds 3/4-inch No. F-285 (or equivalent) service head plus 3/4-14 by 1-1/2 close nipple.

3.22 Use KS-20842, List 56 mast adapter kit (List 170, List 176, or List 177 mast assembly) with List 40, List 41, and List 43 posts (Fig. 21). Install as follows:

Note: The interface between the List 170, List 176, or List 177 mast assembly and List 40, List 41, or List 43 post provide for the existing housing and post cap be removed. Retain three of the five 3/8-16 by 1-1/4 hex head screws and two 0.406 by 0.734 by 0.063 plain washers, discard the post cap.

- (1) Install lower plate to post using two 3/8-16 by 3/4 flat socket head screws furnished in kit.
- (2) Install gasket on post.
- (3) Install upper plate to top of gasket using two flathead socket screws furnished in kit.
- (4) Install the three 3/8-16 by 1-1/4 hex head bolts retained from old post cap.

Note: The center screw is used as a locating stud for the housing.

- (5) Remount the housing on the post and fasten in place.
- (6) Mount the new mast assembly on the adapter (upper plate) using the three 1/2-13 by 1 hex head bolts and washers furnished in kit.

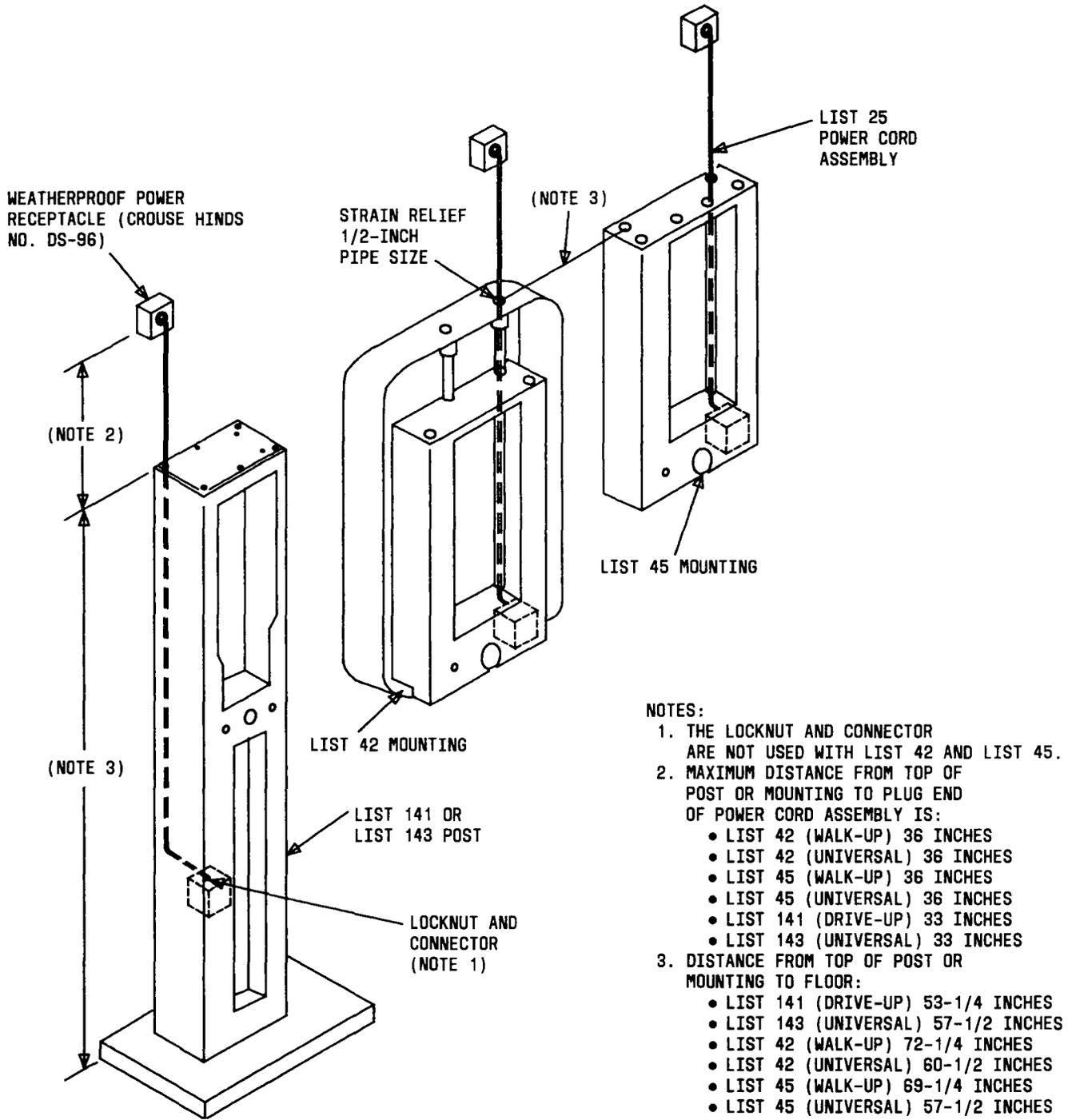


Fig. 10—List 25 Power Cord in List 40, 41, or 43 Post; List 141 or 143 Post-Base; and List 42 or 45 Mounting

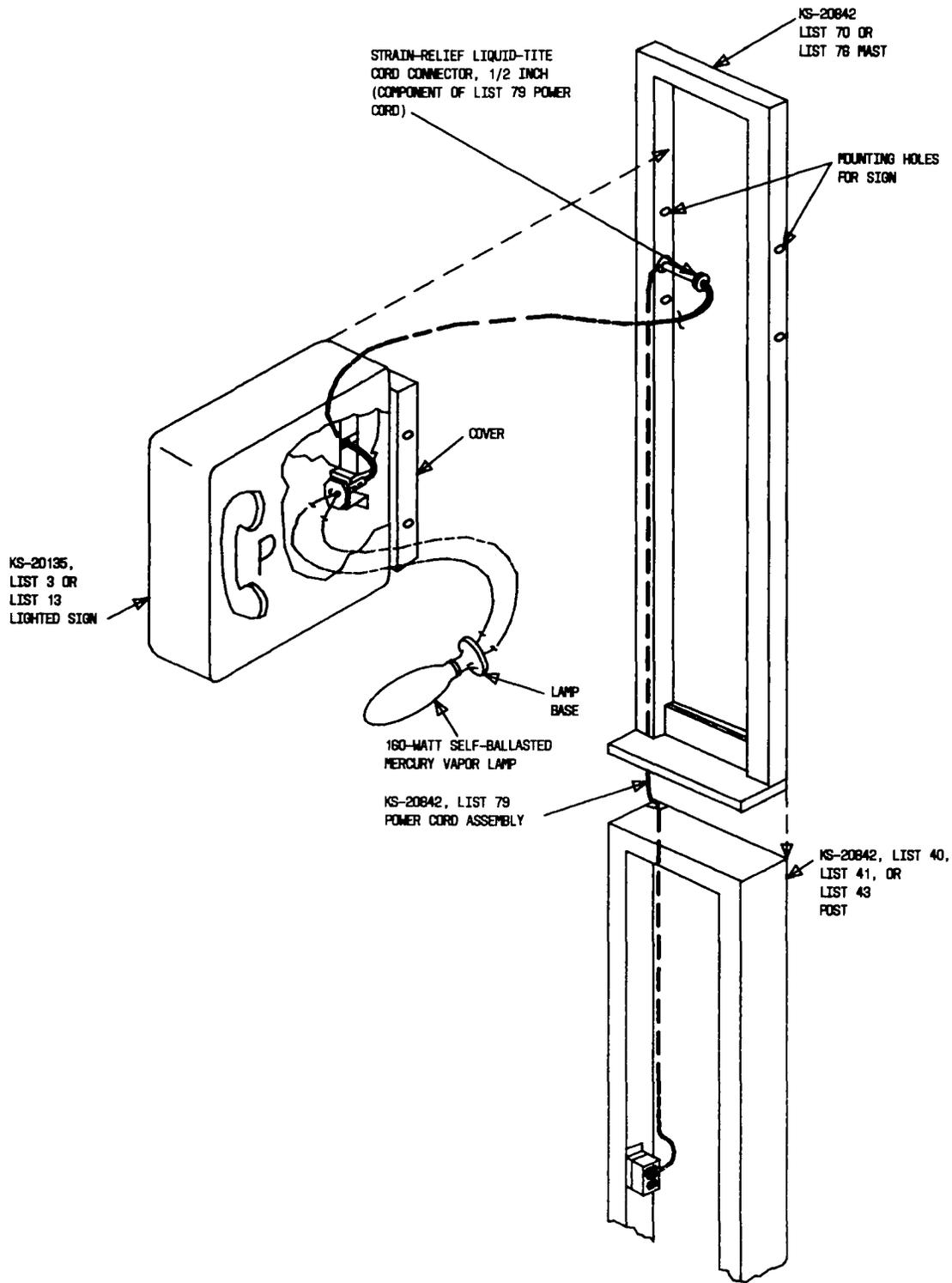


Fig. 11—Installation of KS-20135 Sign on List 70 or 76 Mast Assembly and List 40, 41, or 43 Post

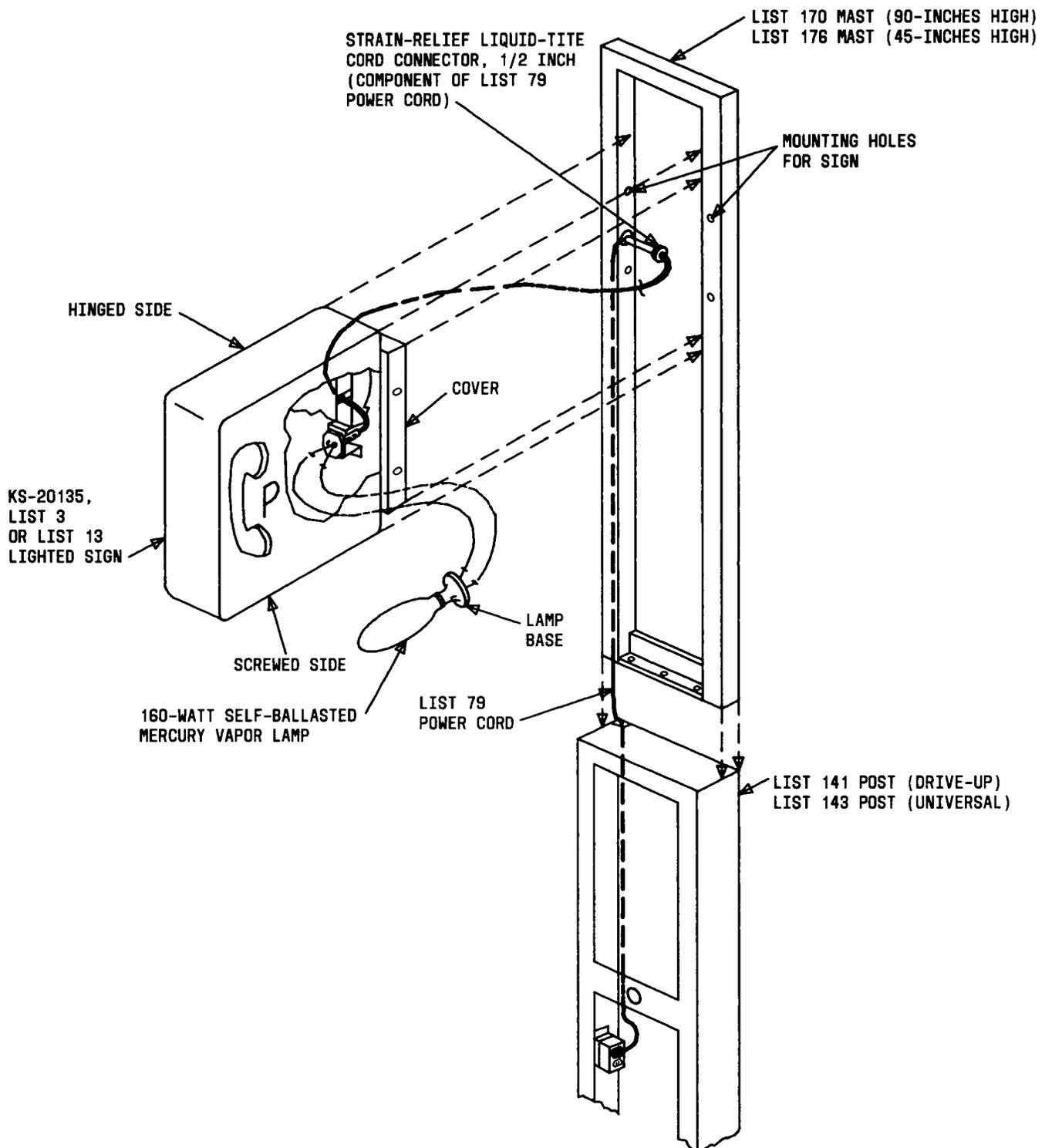


Fig. 12—Installation of KS-20135 Sign on List 170 or 176 Mast Assembly and List 141 or 143 Post-Base

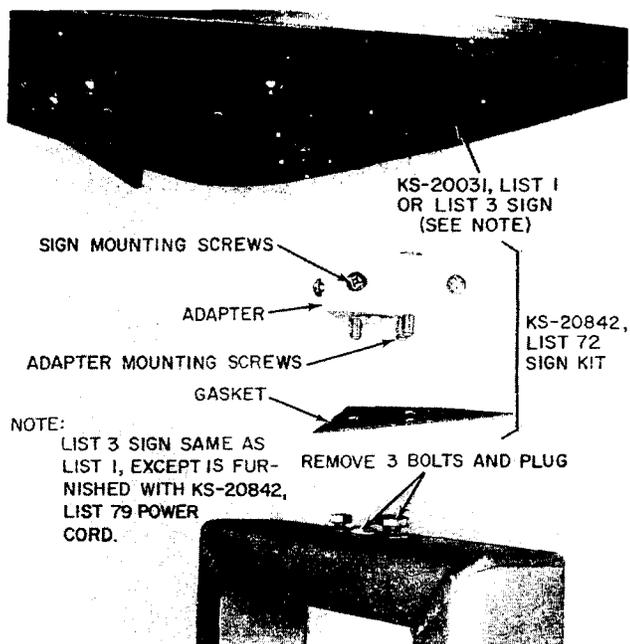


Fig. 13—Installation of KS-20031, List 1 or 3 Sign

3.23 Use KS-20842, List 58 mast assembly with List 43 post or List 143 post base. Install as follows:

Note: The List 58 mast assembly (Fig. 23) is available in 45-inch length only. It is intended for mounting a KS-20063, List 1 or List 2 nonilluminated sign. Six screws and washers are shipped with the List 58 mast for mounting the nonilluminated sign.

- (1) Remove the two outer set screws from the top of post.
- (2) Install mast to top of post.

- (3) Fasten the mast to the post using the two hex head screws and washers supplied with the mast.

J. List 57 Directory Shelf Kit (Fig. 22)

3.24 Use List 33 or List 35A housing assembly with List 143 or List 144 post base. Install the directory shelf as follows:

- (1) Locate directory shelf (item 1) under List 33 or List 35A housing so the four mounting holes align with threaded holes in bottom of housing.
- (2) Fasten shelf to housing using four screws (item 3).

Note: If a directory lanyard is installed, refer to Section 508-710-101 for selection.

- (3) Mount lanyard mounting bracket(s) using (item 3) mounting screws.

3.25 Use List 33 or List 35A housing assembly with List 45 mounting. Install the directory shelf as follows:

- (1) Locate directory shelf (item 1) under List 33 or 35A housing so the four mounting holes align with threaded holes in bottom of housing.
- (2) Fasten shelf to housing using four screws (item 3).
- (3) Install angle stop (item 2). Align slots with screws (item 3) and slide angle stop between bottom cover and heads of loosened security screws.

Note: If a directory lanyard is installed, refer to Section 508-710-101 for selection.

- (4) Mount lanyard mounting bracket(s) using (item 3) mounting screws.

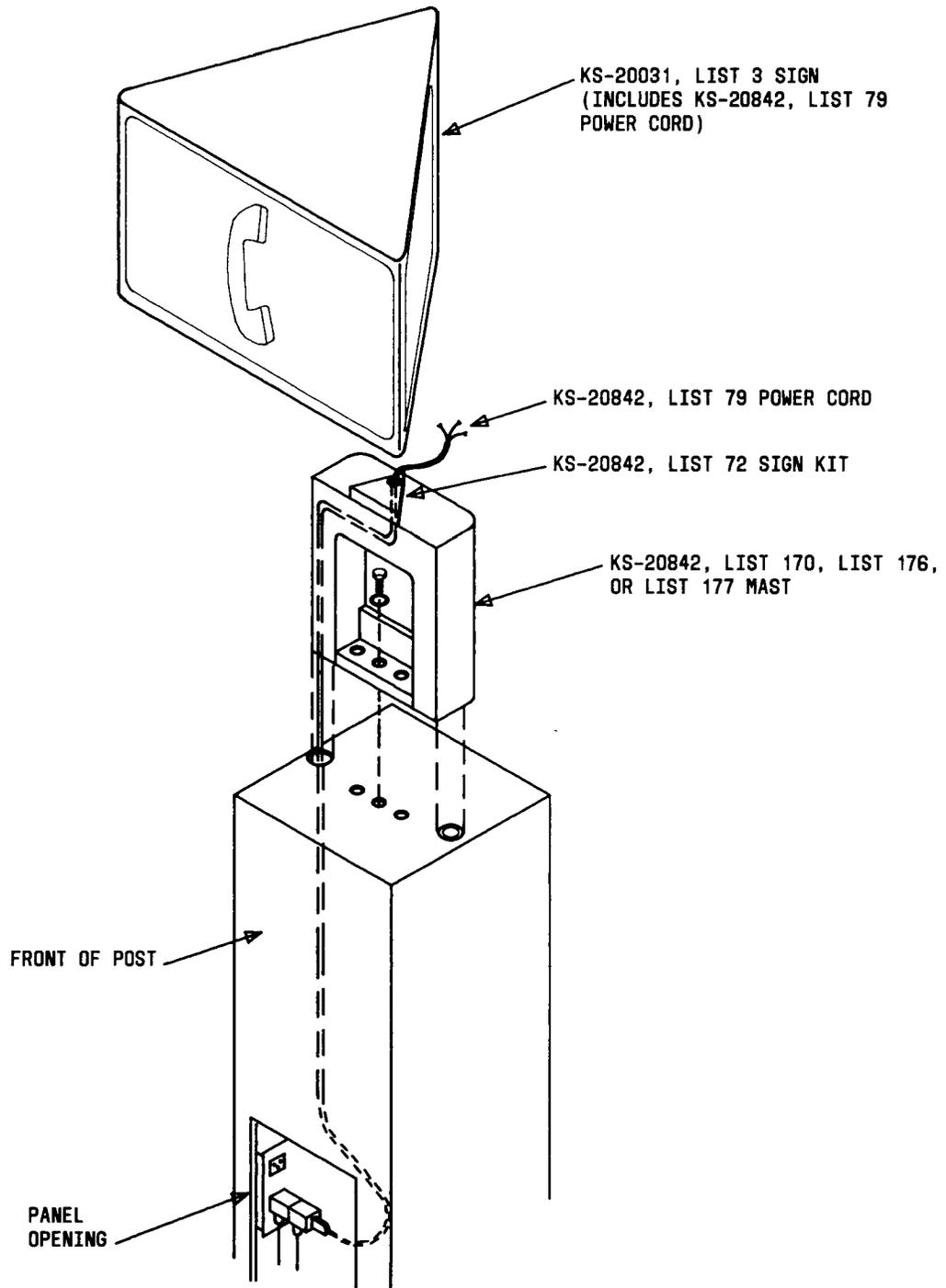


Fig. 14—Installation of KS-20031, List 3 Sign on Lists 170, 176, or 177 Mast Assembly

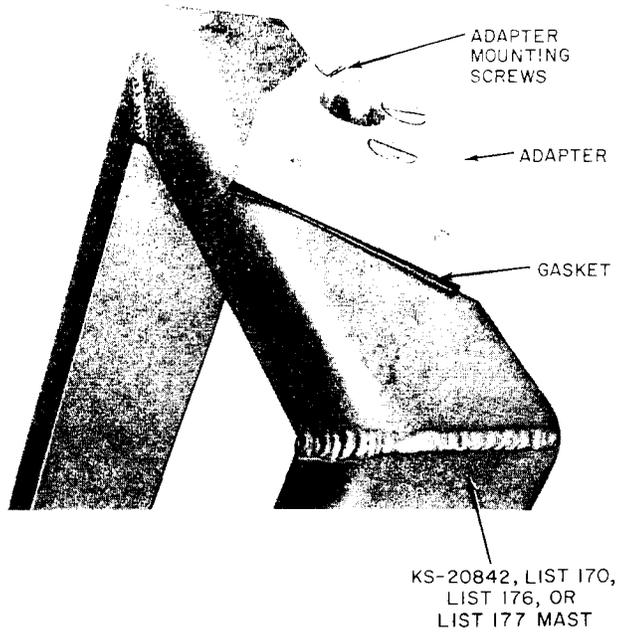


Fig. 15—Installation of KS-20842, List 72 Sign Kit

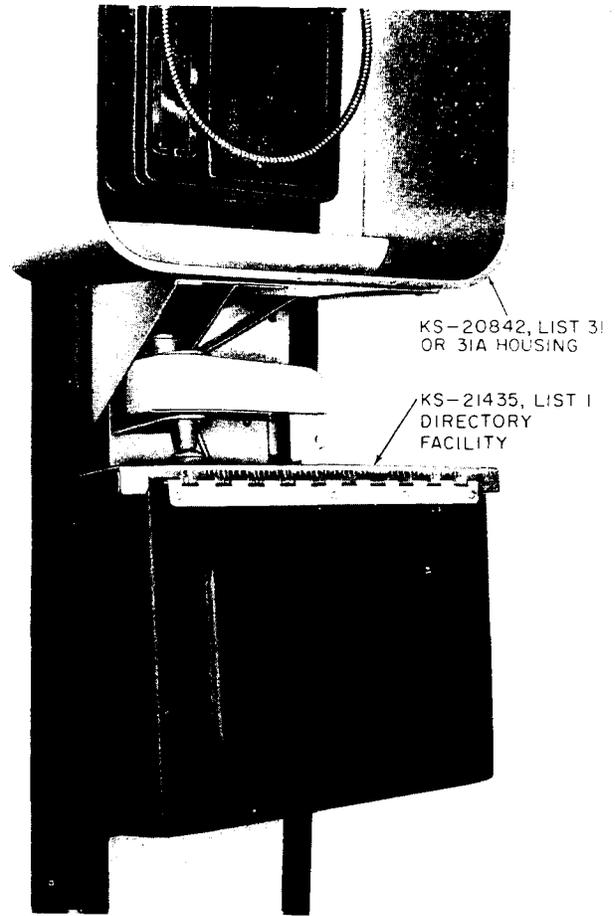


Fig. 16—List 31 or 31A Housing With KS-21435, List 1 Directory Facility

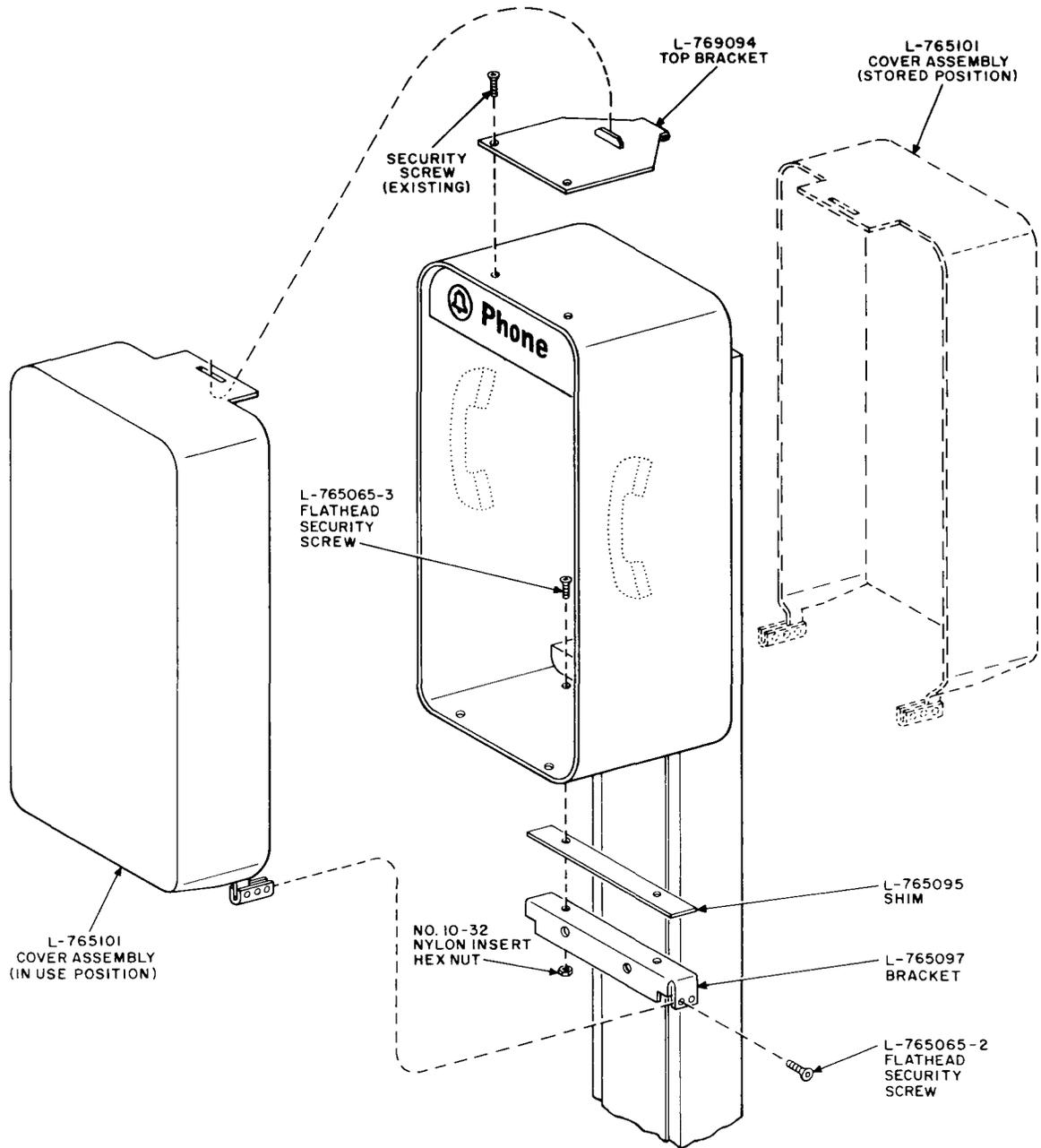


Fig. 17—List 75 Cover Assembly—Installation Procedure on List 31 Housing

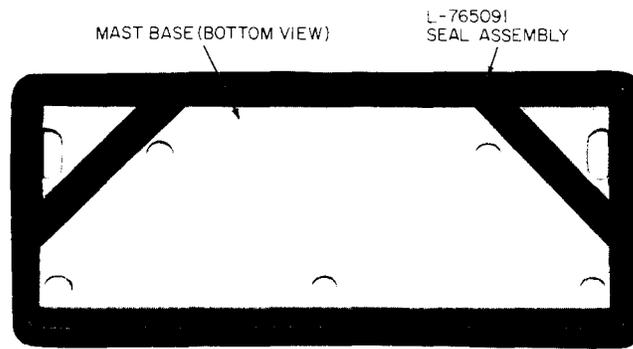


Fig. 18—Bottom View of Mast Assembly Showing Correct Position of Seal

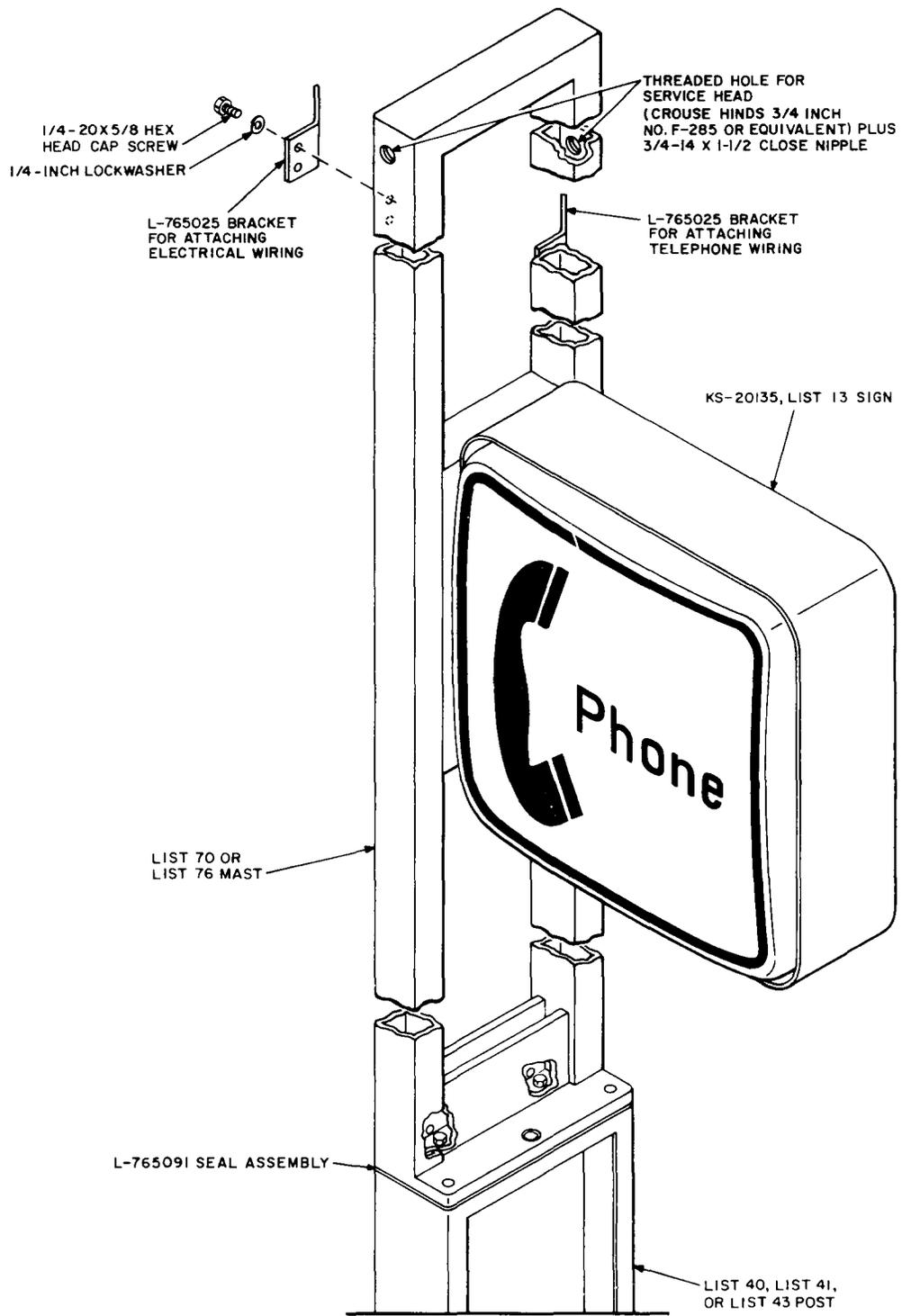
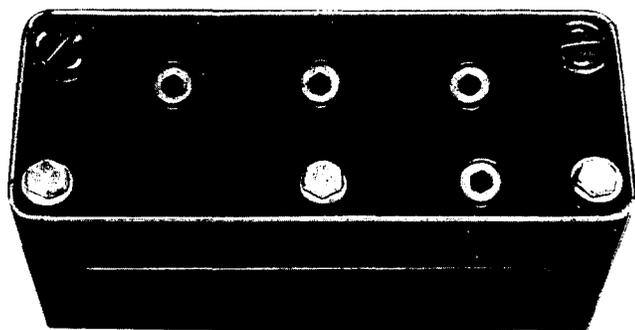
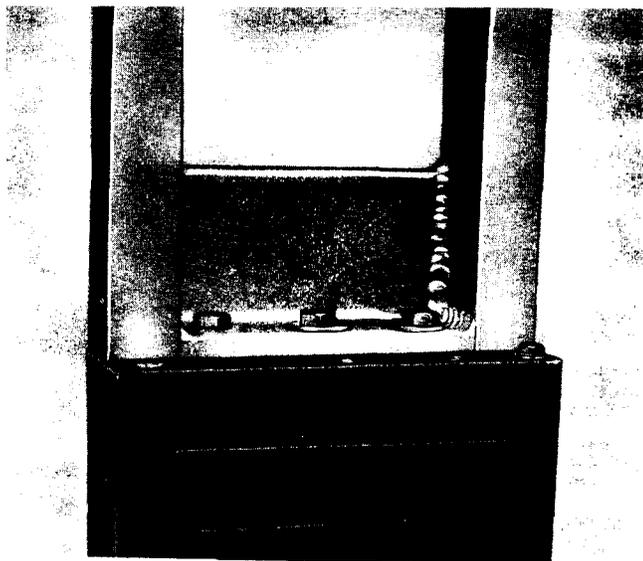


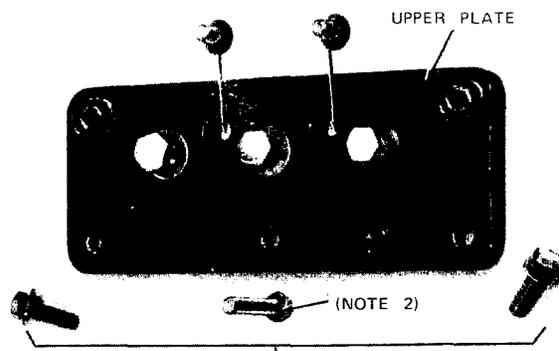
Fig. 19—Installing List 70 Mast Assembly on List 40, 41, or 43 Post



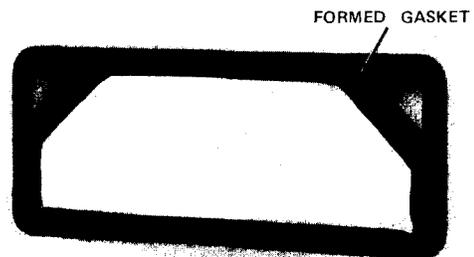
A. TOP OF LIST 141 OR 143 POST



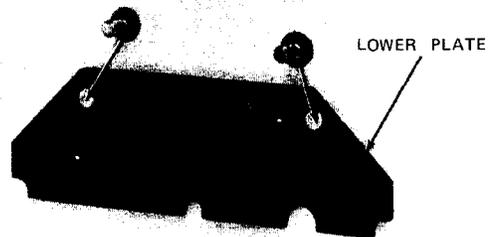
B. LOCATION OF MAST ON POST



3/8-16X1-1/4-IN. HEX HD BOLT (NOTE 1)



FORMED GASKET



NOTES:

- 1. HARDWARE RETAINED FROM EXISTING POST CAP, NOT PART OF KIT.
- 2. USED AS HOUSING LOCATING STUD.

Fig. 20—List 170, 176, or 177 Mast Assembly For Use With List 141 or 143 Post Base

Fig. 21—List 56 Mast Adapter Kit

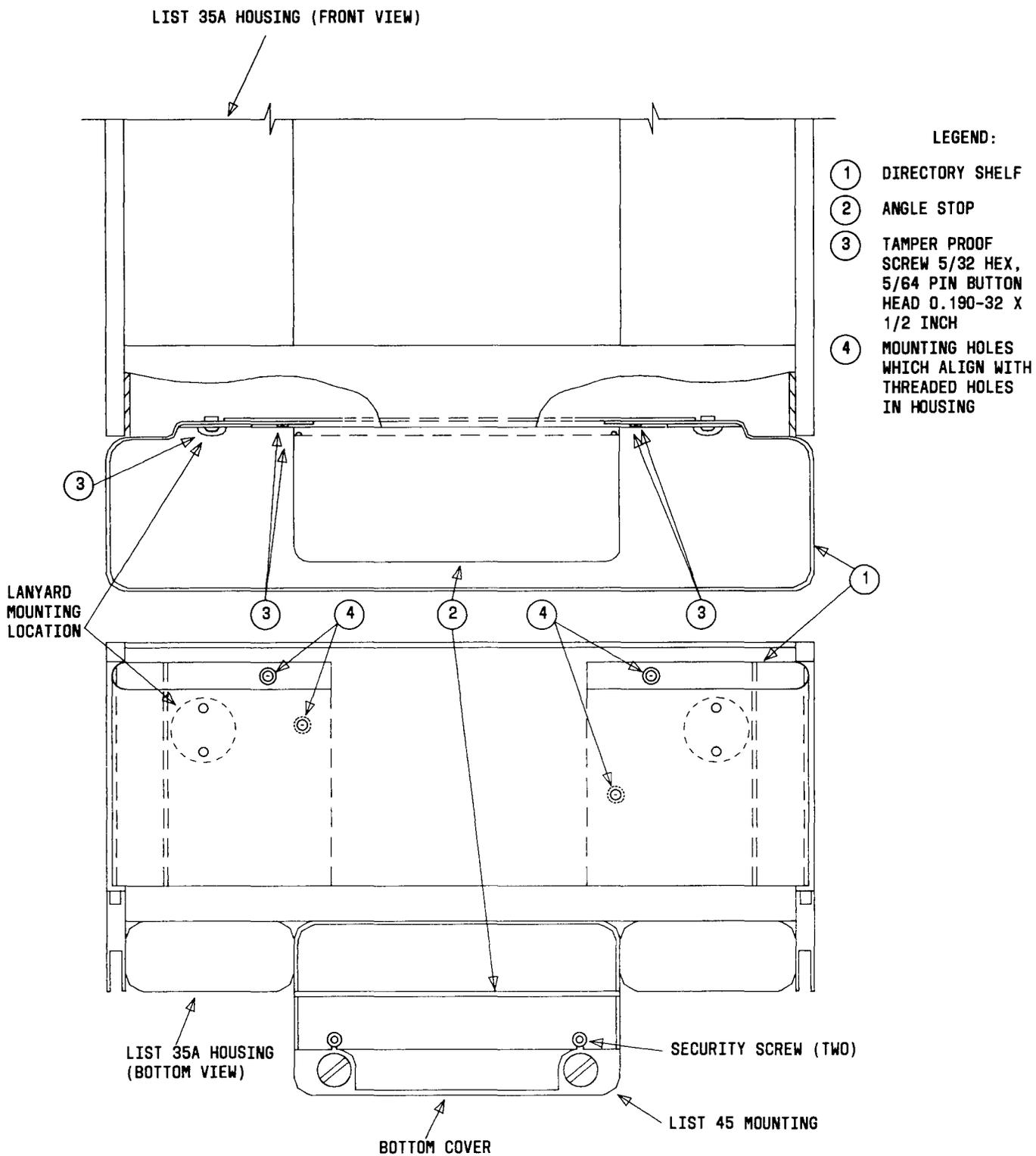


Fig. 22—List 57 Directory Shelf Kit, Installed on List 33 or 35A Housing

KS-20063, LIST 1
OR LIST 3 SIGN

KS-20842, LIST 58
MAST



Fig. 23—Installation of KS-20063 Sign on List 58 Mast Assembly and List 143 Post-Base