

**ADCO 107 WALK-UP, DRIVE-UP BOOTH**  
**IDENTIFICATION, INSTALLATION AND MAINTENANCE**

**1. GENERAL**

1.01 This section provides identification, installation, maintenance, and ordering information for the ADCO 107 walk-up, drive-up booth, manufactured by the Acoustics Development Corporation.

(Quantity) Post ADPT, ADCO, PA35G, 107 (for mounting 107 Booth on a 3½ inch O.D. pipe.)

(Quantity) Adapter, GP, ADCO, 107, 2500 (To convert a GP2500 installation to ADCO 107.)

**2. IDENTIFICATION**

2.01 The ADCO 107 booth is an all metal housing which provides maximum security against vandalism and instrument theft.

(Quantity) Post, STD MTG ADCO, 107 (Standard buried mounting post for 107 booth.)

(Quantity) Post, ADCO SSP-107 (Standard surface mounting post for 107 booth.)

2.02 It is made of stainless steel and 3/16 inch tempered aluminum. The compact size, 33¼ inches high by 16 inches wide by 15 inches deep is suitable for either indoor or outdoor installations. A bracket is furnished for wall mounting and adapters for either existing or new post mounted installations.

(Quantity) Post, ADCO, DUB P-107 (Standard Drive-up buried mounting post for 107 booth.)

(Quantity) Post, ADCO, DUSP-107 (Standard Drive-Up surface mounting post.)

2.03 Two models are available. One has a stainless steel writing shelf, fluorescent lighting, phone sign with white letters on blue background, top front and handset with word "phone" on each side. The other is identical except two stainless steel spacer rods replace the writing shelf and directory hanging hardware is furnished. Either model will be furnished with the side signs perforated for higher night visibility.

**4. INSTALLATION**

4.01 Single slot or multi-slot coin telephones may be installed in the 107 booth. However, in high security risk locations, a single slot instrument should be installed.

4.02 All additions or rearrangements of electrical wiring required for installation of these booths shall be made by an authorized electrician and conform with local regulations.

**3. ORDERING INFORMATION**

ADCO 107 Booths may be ordered from the Western Electric Company Service Center as follows:

(Quantity) Booth ADCO 107, PS FIDH (This includes standard 107 Booth with perforated sides and factory installed Directory Hanger and Slider.)

4.03 Install ADCO 107 booths on wall installations in accordance with figures 1 and 2. CAUTION: These booths must not be installed on wall surfaces which will not support this additional weight, booth approximately 65 lbs. plus single slot coin collector, approximately 50 lbs. Secure the wall mounting bracket with fasteners of a type and size appropriate for the mounting surface encountered.

(Quantity) Booth, ADCO, 107X PS (This includes 107 Booth with perforated sides, stainless steel bars instead of shelf and factory installed directory hanger and shelf.)

4.04 Drive-up and walk-up installations on standard buried posts are shown in figure 3. Note: the concrete base dimensions are the minimum dimensions recommended by the manufacturer.

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- 4.05 Details of a surface mount post installation are shown in figure 4.
- 4.06 Conversion of GP2500 installation to ADCO 107 is shown in figure 5.
- 4.07 Installation on a 3½ inch outside diameter pipe is shown in figure 6.

**5. MAINTENANCE**

- 5.01 Maintenance of ADCO 107 Booths will normally consist of cleaning and lamp replacement.
- 5.02 These booths may be cleaned with a mild household detergent and water applied with a clean soft cloth.

5.03 Lamps may be replaced by unlocking the diffuser latch shown in figure 1. Replacement lamps are ordered as follows:

Lamp, Fluorescent,  
14 watt, F14T12CW.

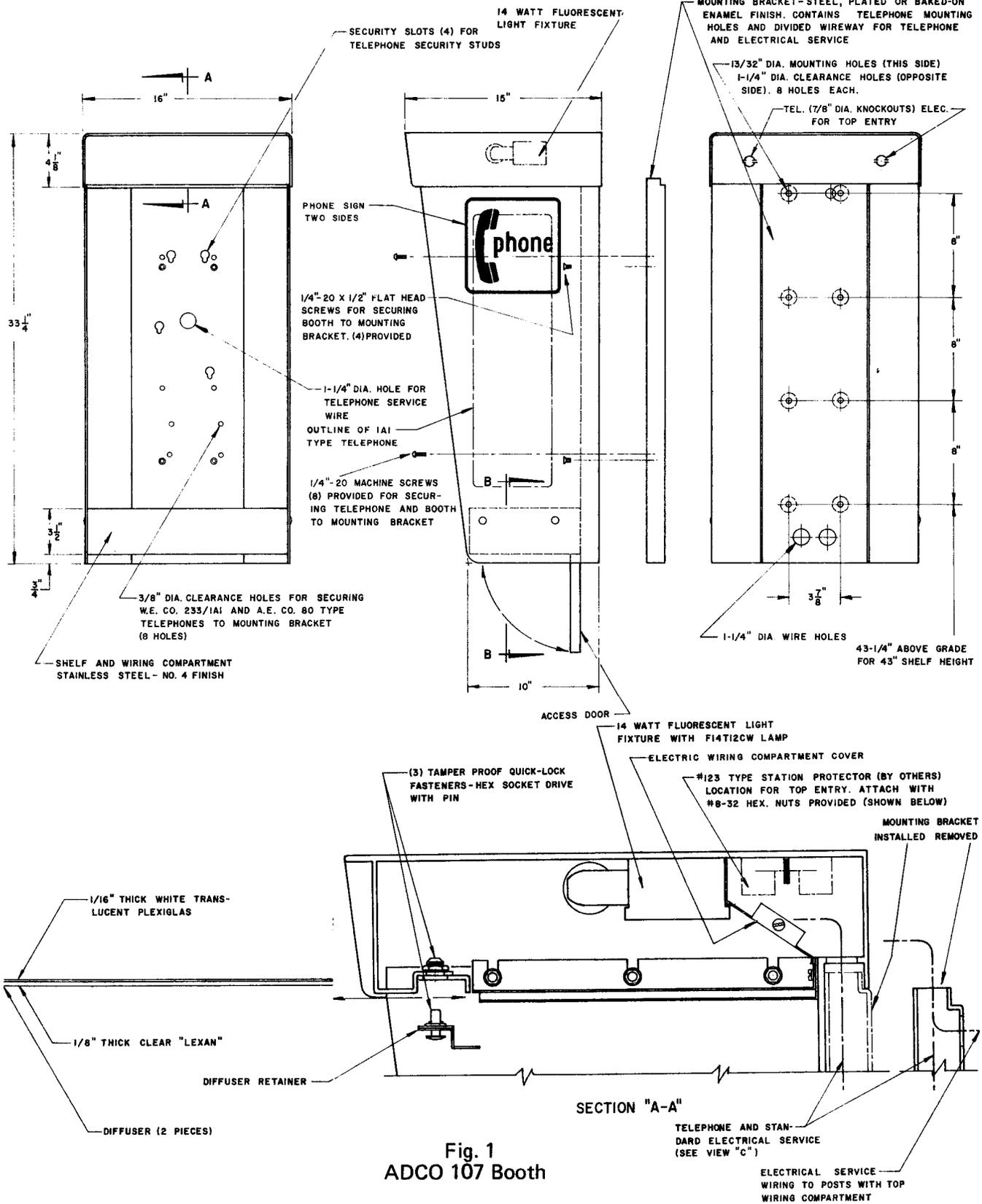
5.04 In the event a booth is damaged by accident or vandalism the plant supervisor shall decide if the booth should be replaced or repaired in the field. Figure 7 and paragraph 5.05 provide assembly-disassembly methods and replacing parts.

**Par. 5.05**

Item No.	No. Req'd		PART NAME
1	1		Outer Wrapper and Canopy Assembly
2	1	*	Fluorescent Lamp - F14T12CW (14 Watt)
3	1		Fluorescent Light Fixture
4	10	*	No. 10-32 x 5/16" Lg. Pan Head Screw
5	2	*	No. 10 Plain Washer
6	1		Diffuser Frame Ass'y
7	8	*	No. 10 External Tooth Lockwasher
8	1		1/16" Thick Plexiglas, Translucent White
9	1		1/8" Thick "Lexan", Transparent
10	1		Shelf Assembly
11	1		Wireway Cover - Shelf
12	2	*	No. 8-32 x 1/4" Lg. Round Head Screw
13	4	*	No. 10-32 x 1/4" Lg. Pan Head Screw
14	4	*	1/4" - 20 Hex. Nut
15	4	*	1/4" External Tooth Lockwasher
16	4	*	1/4" 20 x 3/4" Lg. Stainless Steel Carriage Bolt
17	1		Mounting Bracket
18	11		Diffuser Retainer w/o Item 19 & 20
19	3		Tamper Proof Quick Lock Stud No. 0-2 (Simmons No. B-1300-447)
20	3		Locking Ring (Simmons)
21	3		Screw Type Receptacle (Simmons No. STR-2-3)
22	3	*	11/16" O. D. x 1/2" I. D. x .031" Thick Washer
23	3		Retaining Nut (Simmons)
24	1		Wireway Cover - Canopy
25	2		Phone Sign, Side, KS 20064 List 1 (2 places) - Adhesive Backed
26	1		Phone Sign, Front ("Phone" only) - Adhesive Backed
26A	1		Phone Sign, Front (Bell System Seal and "Phone") - Adhesive Backed
27	1		Directory Rod
28	2		Directory Rod Support
29	2	*	1/4" x 20 x 3/4" Lg. Phillips Truss Head Stainless Steel Screw
30	1		Directory Hanger
31	1 ea.		Model 107 Installation Instructions (2 sheets)
32	4		Retaining Screws, Mounting Bracket, 1/4" x 20 x 1/2" Lg. Flat Head

Item No.	No. Req'd		PART NAME
33	1		Hardware Bar, Consisting of:
33A	2	*	Station Protector Mounting Screws - No. 8-32 x 1/2" Lg. Round Head
33B	8	*	Paystation Mounting Screws, 1/4" x 20 x 3/4" Lg. Round Head
33C	1	*	Grounding Screw 1/4" x 20 x 3/4" Lg. Hex. Head
33D	1	*	1/4" Plain Washer
33E	4	*	Lock Mounting Screws No. 6-32 x 3/8" Lg. Round Head
FOLLOWING ITEMS FOR 107-X ONLY			
34	2		Rod, Shelf
35	4	*	1/4" - 20 x 3/4" Lg. Phillips Truss Head Stainless Steel Screw
36	1		Cover Plate
37	4	*	No. 10-32 x 1/4" Lg. Phillips Pan Head Stainless Steel Screw
		*	Also Available from local source.

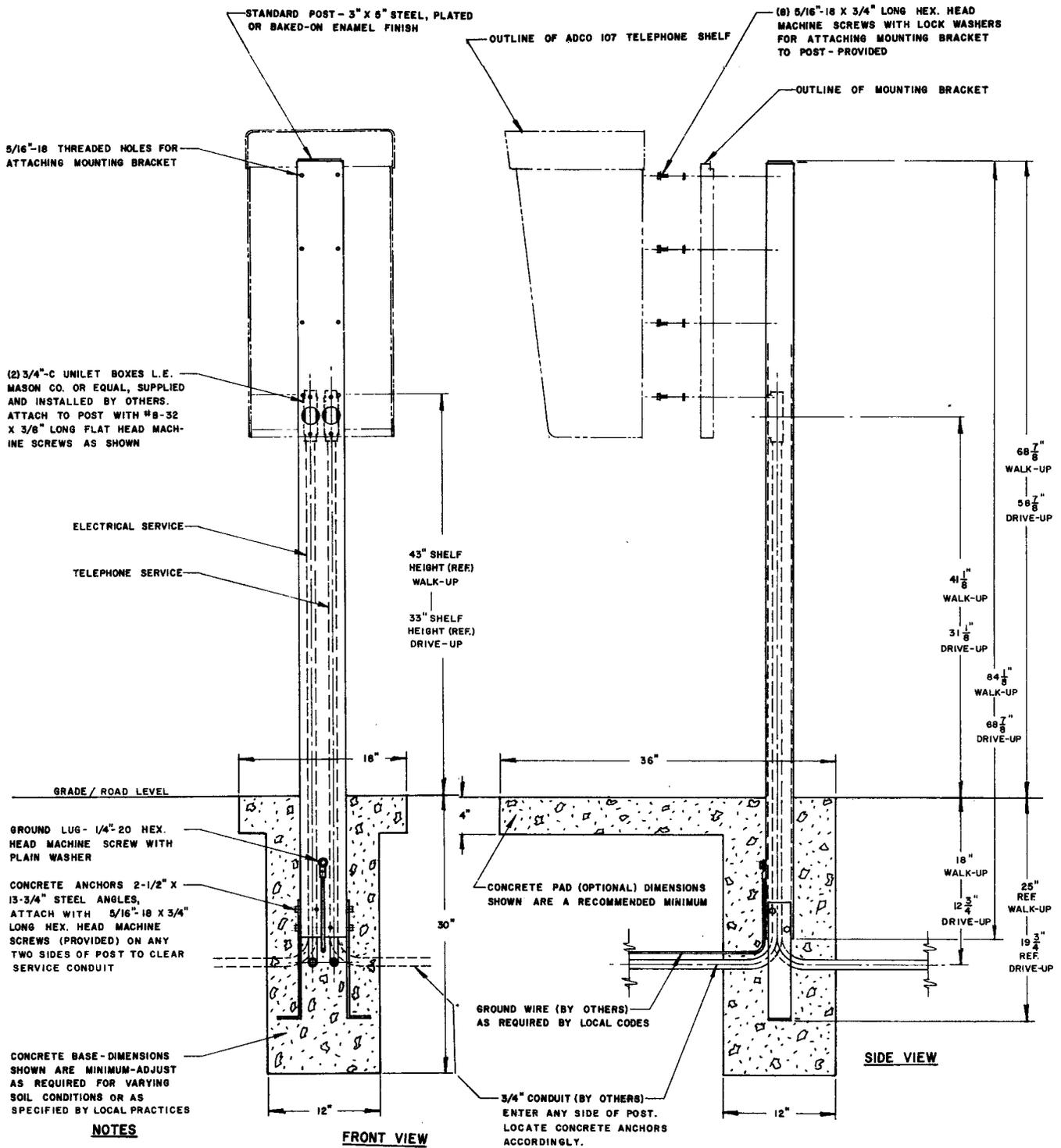
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**Fig. 1  
ADCO 107 Booth**

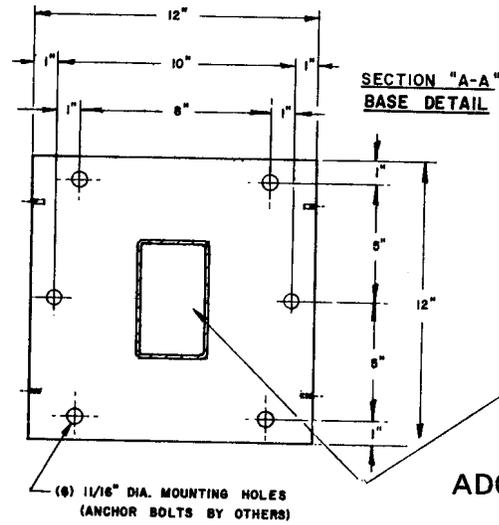
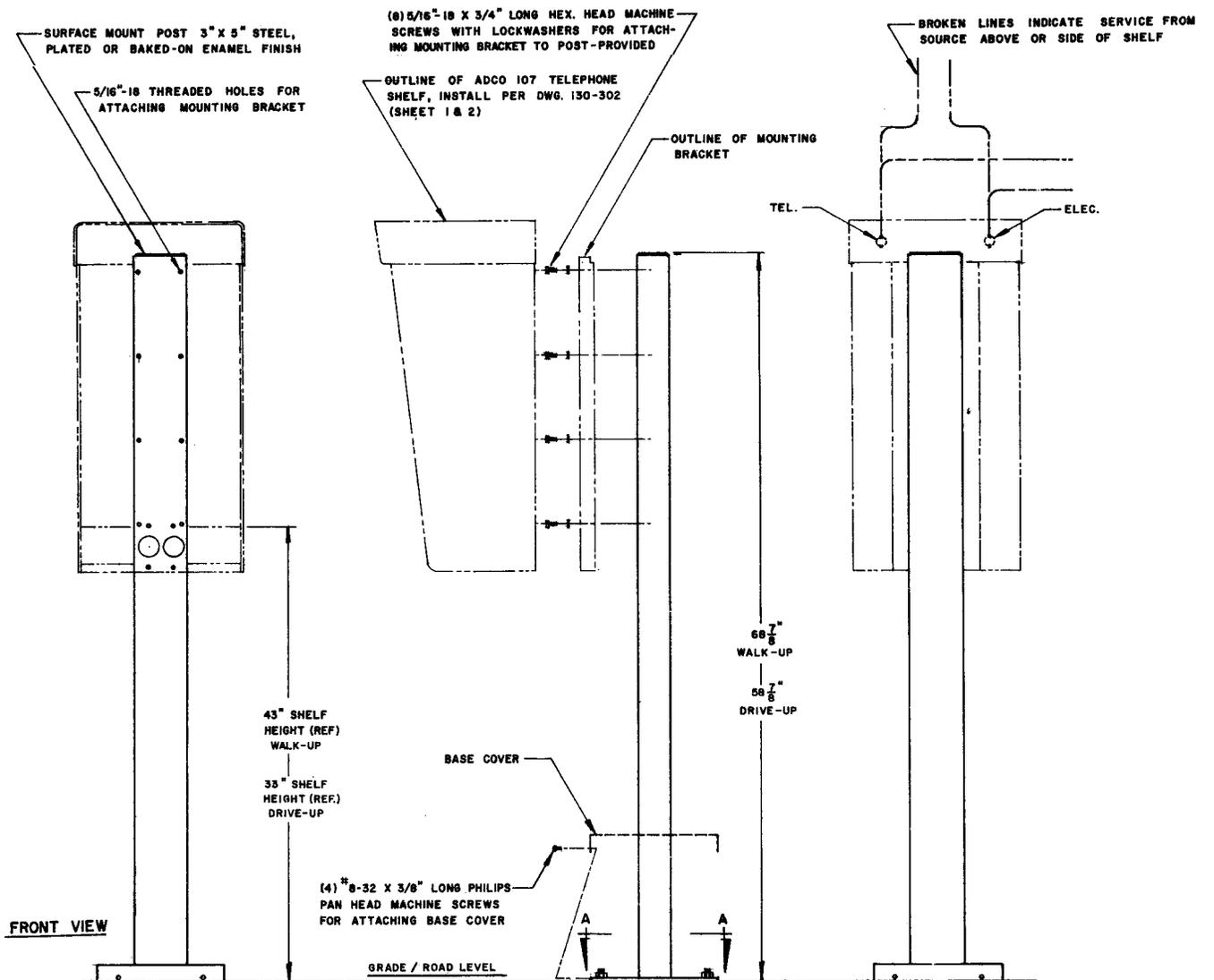


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1. POST MUST BE PLUMB.
2. WHEN FINISHING CONCRETE BASE/PAD, SLOPE FOR DRAINAGE AWAY FROM POST.
3. DETERMINE METHOD OF ELECTRICAL AND TELEPHONE SERVICE WIRING AND CO-ORDINATE WITH INSTALLATION OF POST AND BOOTH COMPONENTS.
4. RECOMMEND PROTECTIVE CURBING OR POSTS BE PROVIDED WITH DRIVE-UP POST INSTALLATION. SIZE AND LOCATION TO BE DETERMINED AT JOB SITE.

**Fig. 3**  
**ADCO 107 Buried Post Installation**



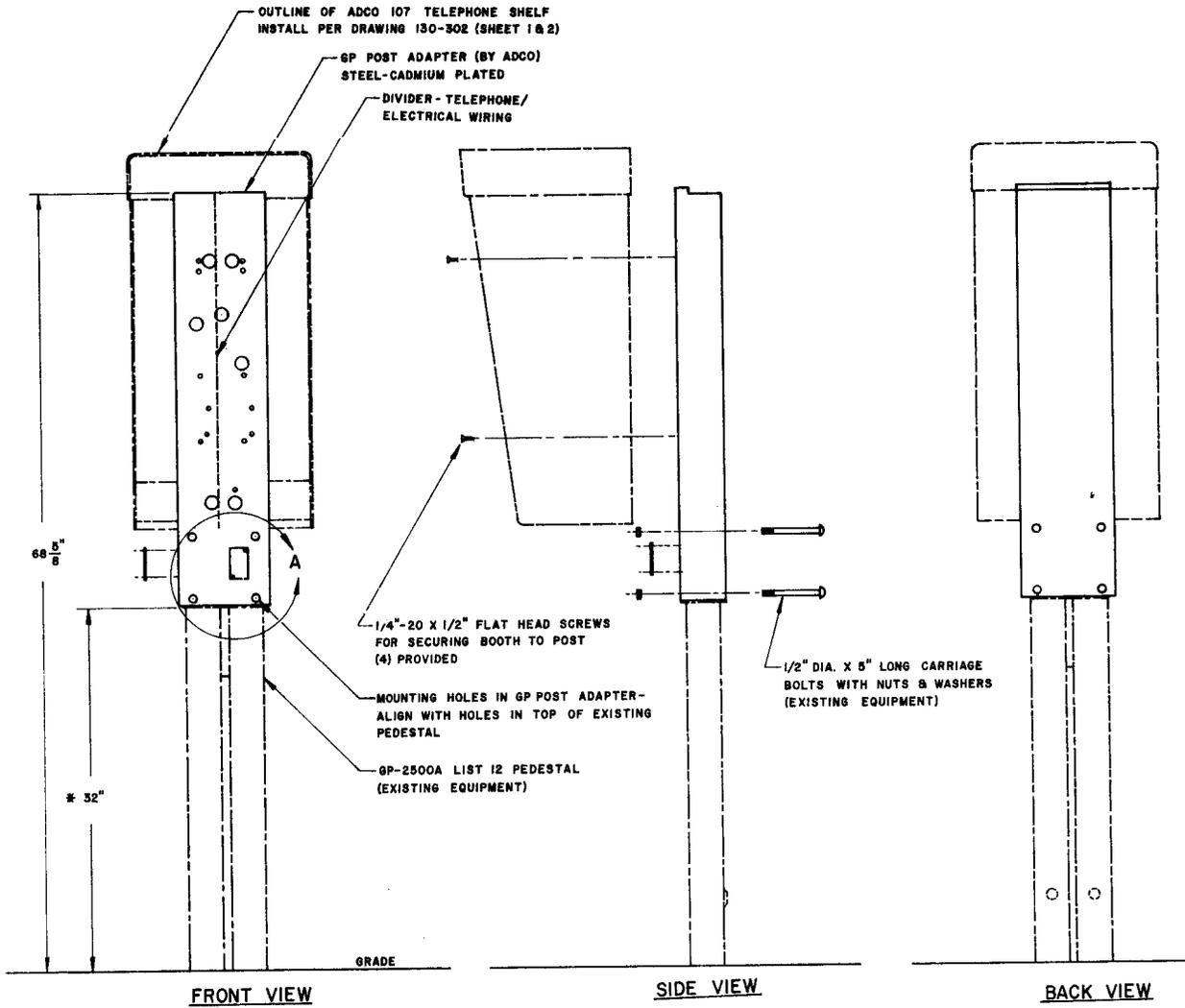
BACK VIEW

NOTES

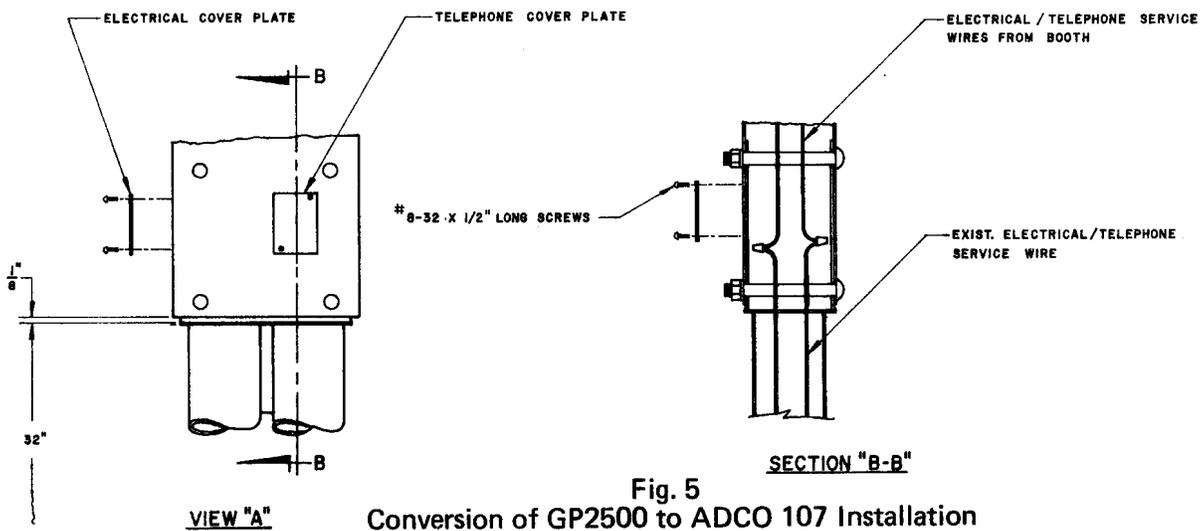
1. POST MUST BE PLUMB. SHIM IF NECESSARY.
2. DETERMINE METHOD OF ELECTRICAL AND TELEPHONE SERVICE WIRING AND CO-ORDINATE WITH INSTALLATION OF BOTH COMPONENTS.
3. RECOMMEND PROTECTIVE CURBING OR POSTS BE PROVIDED WITH DRIVE-UP POST INSTALLATION. SIZE AND LOCATION TO BE DETERMINED AT JOB SITE.

Fig. 4  
 ADCO 107 Surface Post Installation

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\* PER SPECIFICATIONS FOR GP-2500A  
LIST 12 PEDESTAL.



**Fig. 5**  
**Conversion of GP2500 to ADCO 107 Installation**

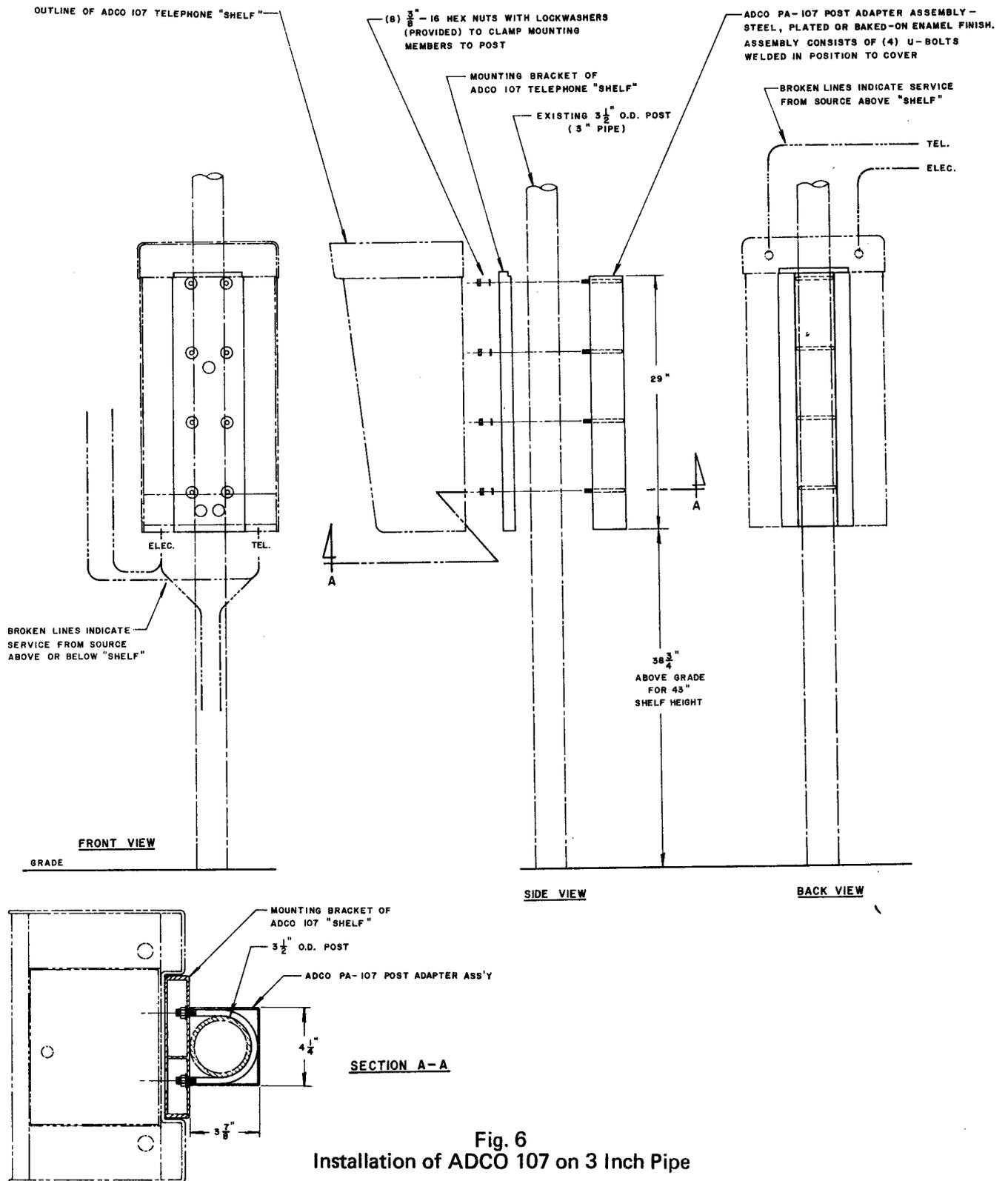


Fig. 6  
Installation of ADCO 107 on 3 Inch Pipe

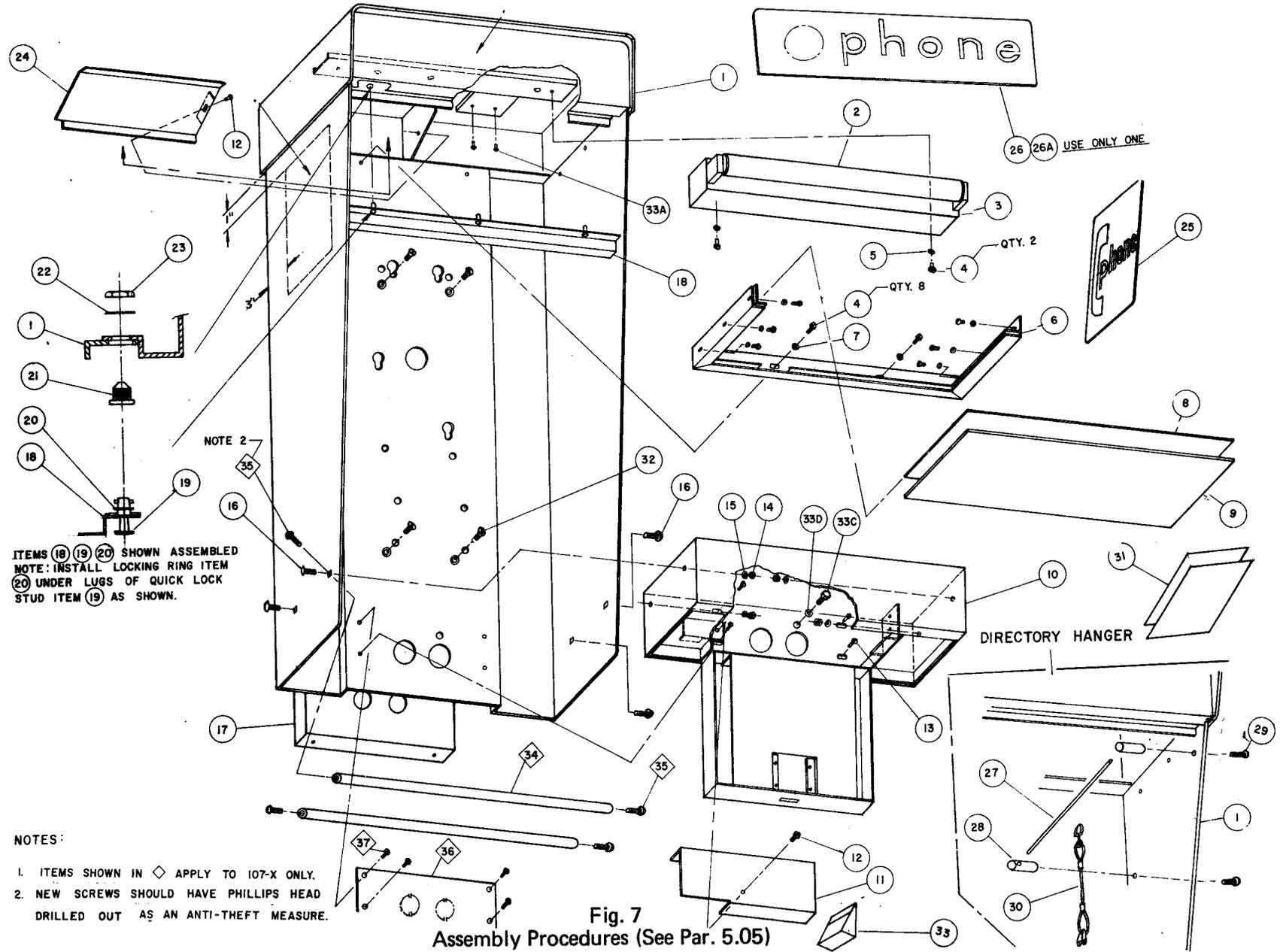


Fig. 7  
Assembly Procedures (See Par. 5.05)