

ADCO 120 WALK-UP BOOTH  
IDENTIFICATION INSTALLATION AND MAINTENANCE

1. GENERAL

1.01 This section provides identification, installation, maintenance and ordering information for the ADCO 120 Walk-up booth, manufactured by the Acoustics Development Corporation.

2. IDENTIFICATION

2.01 The ADCO 120 booth is an acoustical booth intended for city sidewalk installations or other locations where a walk-up installation is required.

2.02 It is a square design of 27 inches wide and 27 inches deep. Booth height is 43 5/8 inches. These booths may be either post or wall mounted. Overall height when mounted is 84 1/4 inches.

2.03 Side panels and outer top are aluminum finished with blue paint. A safety glass panel 1/4 inch thick by 10 1/4 inches wide by 33 3/16 inches long is located in the center of each side panel. The inside panels are stainless steel over a fiberglass sound absorptive material. Two 40 watt fluorescent circline lamps provide interior illumination. These lamps also light the plastic signs located at the top of the booth.

2.04 All standard Bell System coin telephones may be installed in these booths. The type of coin telephone to be used must be specified on the purchase order. See figure 1.

2.05 An adapter is available for installing these booths on existing pedestals or posts.

3. ORDERING INFORMATION

ADCO 120 booths and mounting details may be ordered from the Western Electric Company Distributing House as follows:

(Quantity) Booth, ADCO 120, Blue E/W Directory Holder. \*(for)

(Quantity) Post, Mounting, ADCO 120.

(Quantity) Bracket, Adapter, GP, for ADCO 120.

(Quantity) Bracket, Mounting, Wall for ADCO 120.

\*Specify type of coin telephone to be installed.

4. INSTALLATION

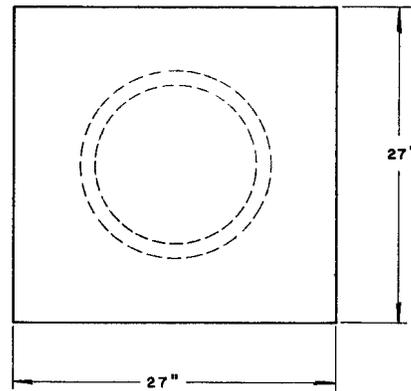
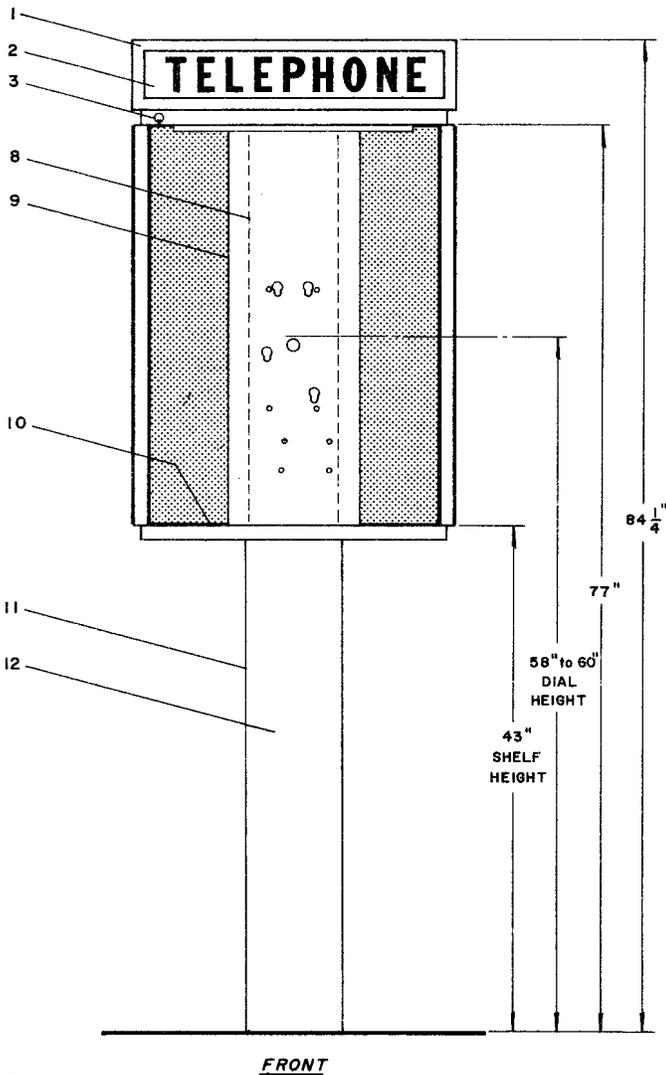
4.01 All additions or rearrangements of electrical wiring required for installation of these booths shall be made by an authorized electrician and conform with local regulations.

4.02 Install new mounting posts in accordance with figure 2. Note, the dimensions shown for the concrete base are the minimum dimensions recommended by the manufacturer.

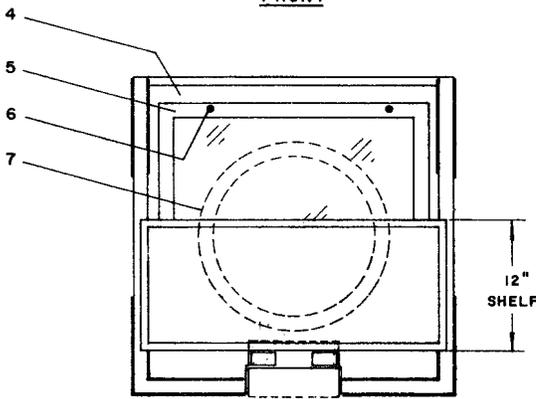
4.03 ADCO 120 booths may be installed on existing posts or pedestals as shown in figure 3. The Gladwin Plastic GP-2500A List 12, pedestal is shown.

4.04 Install ADCO 120 booths on walls in accordance with figure 4. Attach the mounting bracket to wall surfaces with fasteners of a size and length appropriate for the mounting surface encountered.

SECTION 508-460-903MS



1. OUTER TOP - PAINTED ALUMINUM (COLOR MATCHING SIDE PANELS).
2. TELEPHONE SIGN (4 SIDES) - WHITE TRANSLUCENT ACRYLIC PLASTIC.
3.  $\frac{11}{16}$ " DIA. KNOCK-OUT - FOR SENSOR OF W.E. CO. #19261-L2 LIGHT CONTROL (BY OTHERS).
4. INNER TOP - #4 FINISH STAINLESS STEEL.
5. DIFFUSER - WHITE TRANSLUCENT ACRYLIC PLASTIC WITHIN HINGED #4 FINISH STAINLESS STEEL FRAME.
6. DIFFUSER FRAME RETAINERS - TAMPER-PROOF "QUICK-LOCK" FASTENERS (HEX SOCKET DRIVE WITH PIN) AND SAFETY CATCH.
7. ILLUMINATION - TWO 40 WATT FLUORESCENT CIRCLINE LAMPS ILLUMINATING INTERIOR AND SIGNS. LAMP FIXTURE FURNISHED WITH 0° STARTING BALLAST 120 VOLTS, 60 CYCLES AC, 90 INPUT WATTS, .80 AMPS LINE CURRENT. POWER LOSS: 11 WATTS.
8. COIN TELEPHONE MOUNTING - FURNISHED WITH  $\frac{1}{4}$ " - 20 THREAD MOUNTING HOLES, WIRE HOLE AND SECURITY STUD SLOTS FOR MOST COIN TELEPHONES.
9. COIN TELEPHONE MOUNTING COVER - #4 FINISH STAINLESS STEEL. TWO TYPES AVAILABLE. SEE NOTE "A".
10. SHELF - #4 FINISH STAINLESS STEEL.
11. POST - PAINTED STEEL (LIGHT GRAY). SEE ADCO DWG. NO. 130-188 (SHEET 3) FOR DETAILS AND INSTALLATION.
12. POST COVER - PAINTED STEEL (LIGHT GRAY). FURNISHED WITH POST. REMOVABLE FOR INSTALLATION OF SERVICE WIRING.



NOTE "A" - ADCO TMC-120 USED WITH 233 AND 1A1 TYPE COIN TELEPHONES.  
 ADCO PTMC-120 USED WITH "W. E. CO. 2356 TYPE"  
 SPECIFY TYPE OF COIN TELEPHONE ON PURCHASE ORDER.

Figure 1  
 ADCO 120 Booth

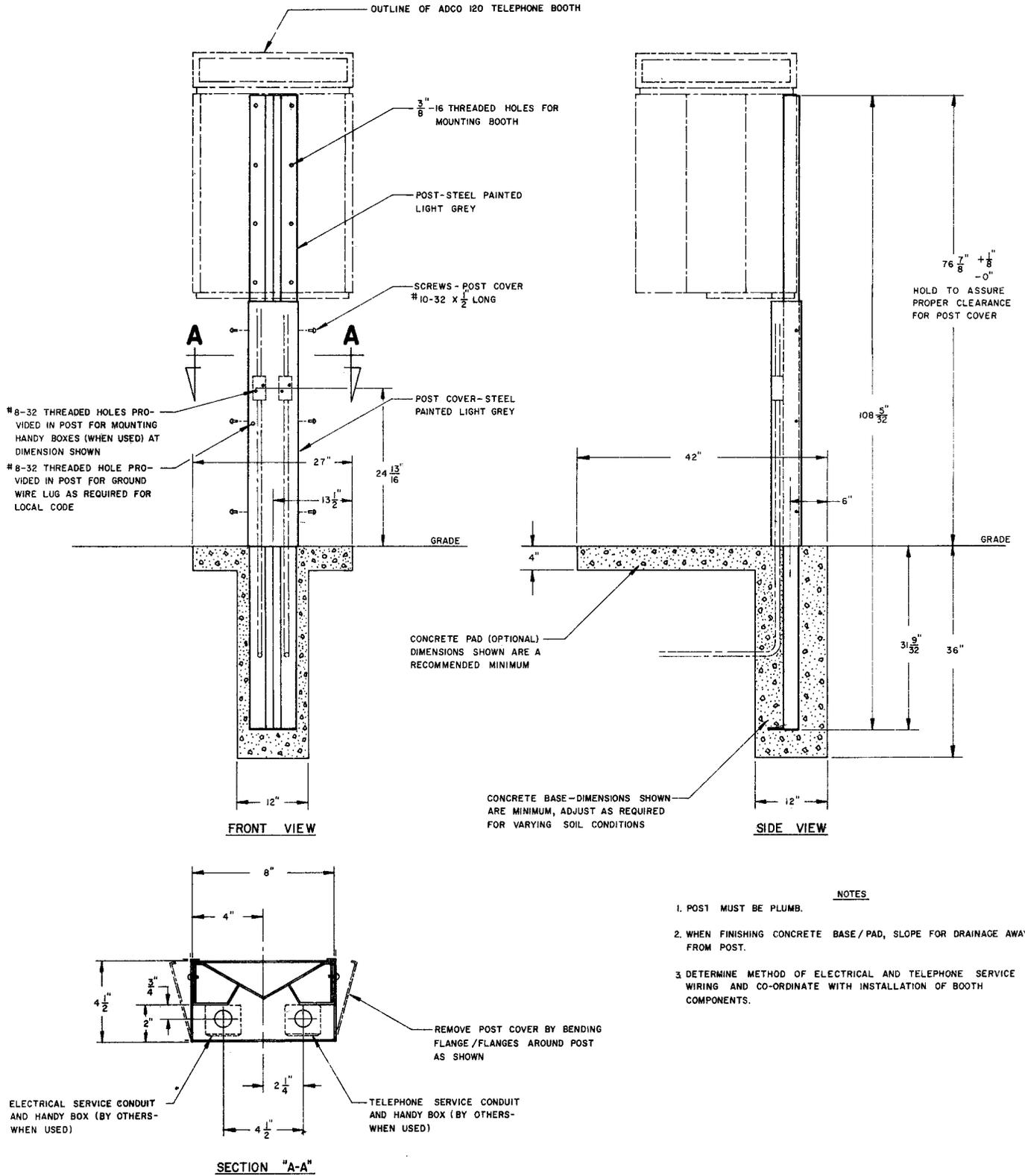
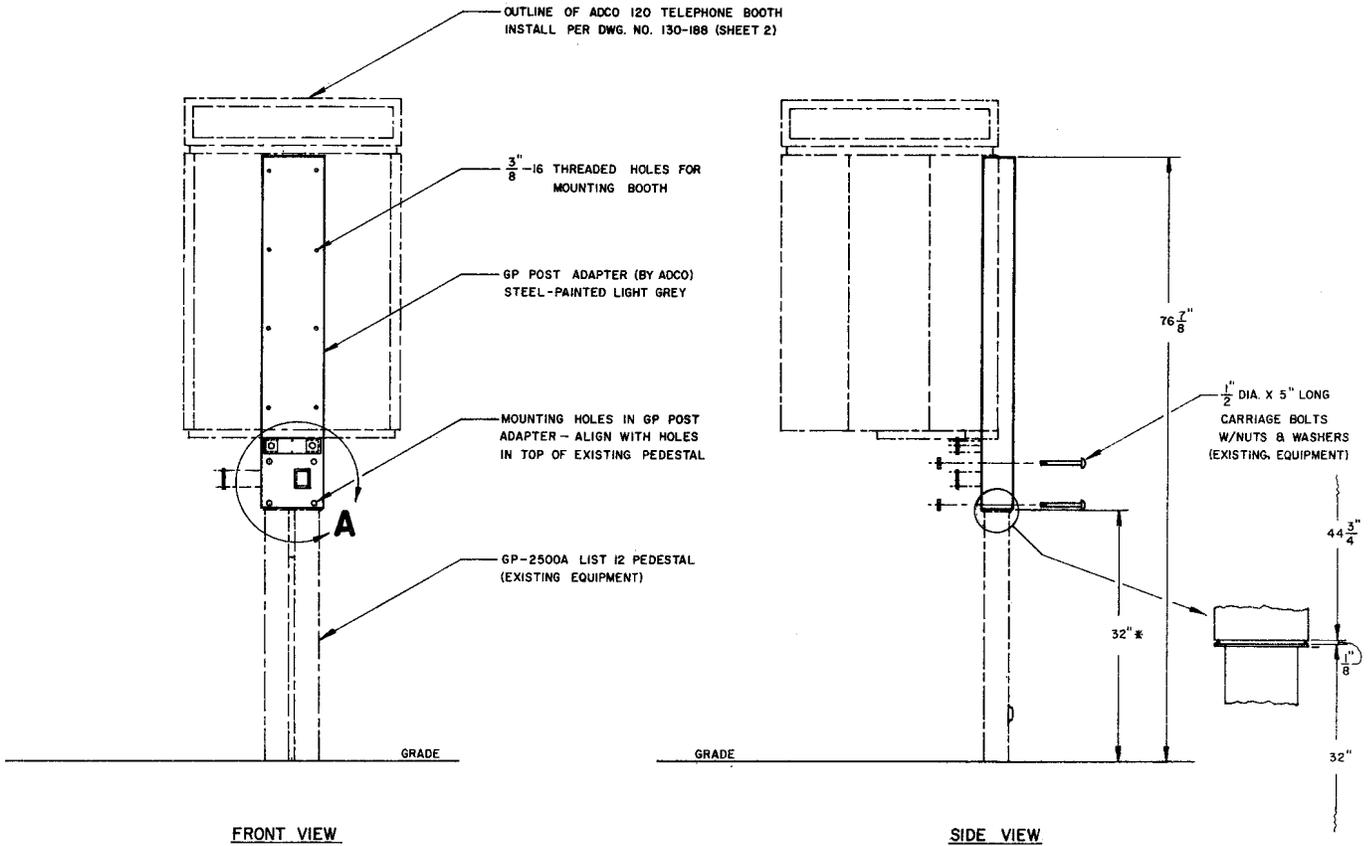


Figure 2  
ADCO 120 Post Installation

SECTION 508-460-903MS



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

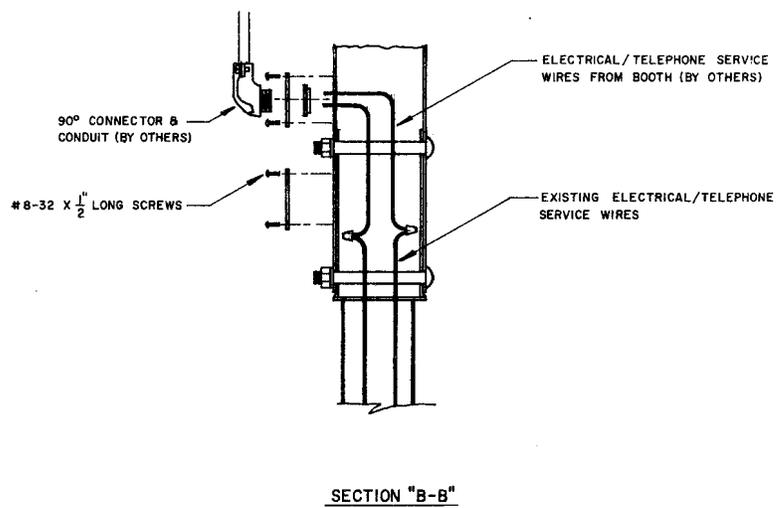
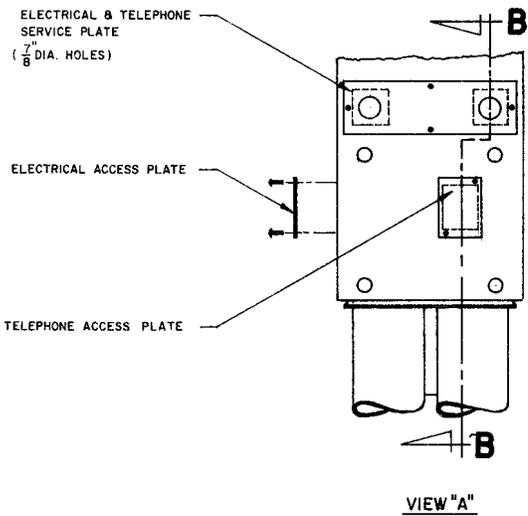


Figure 3  
ADCO 120 Booth Mounted on Existing Post

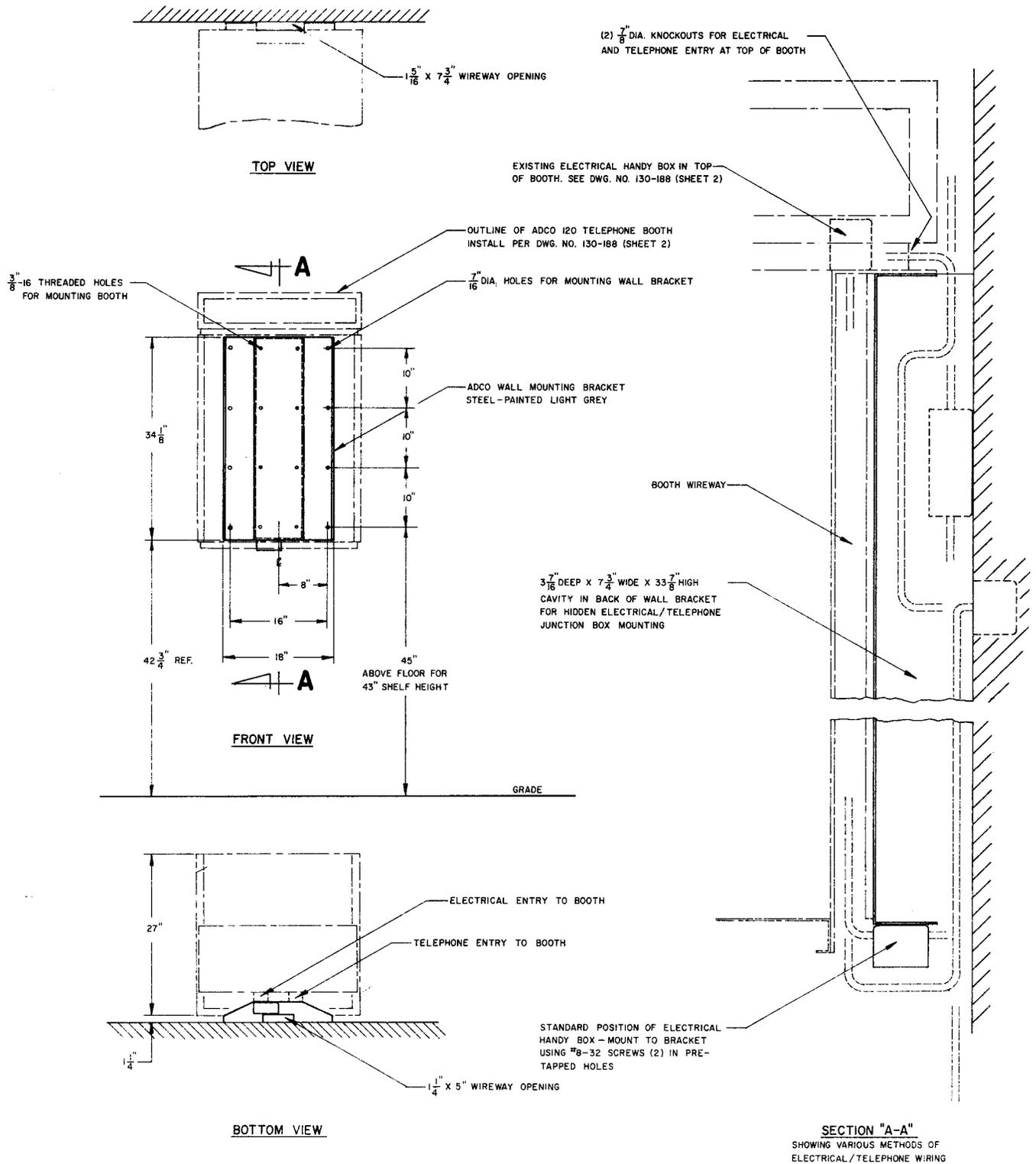


Figure 4  
Installation of ADCO 120 Booth On Wall

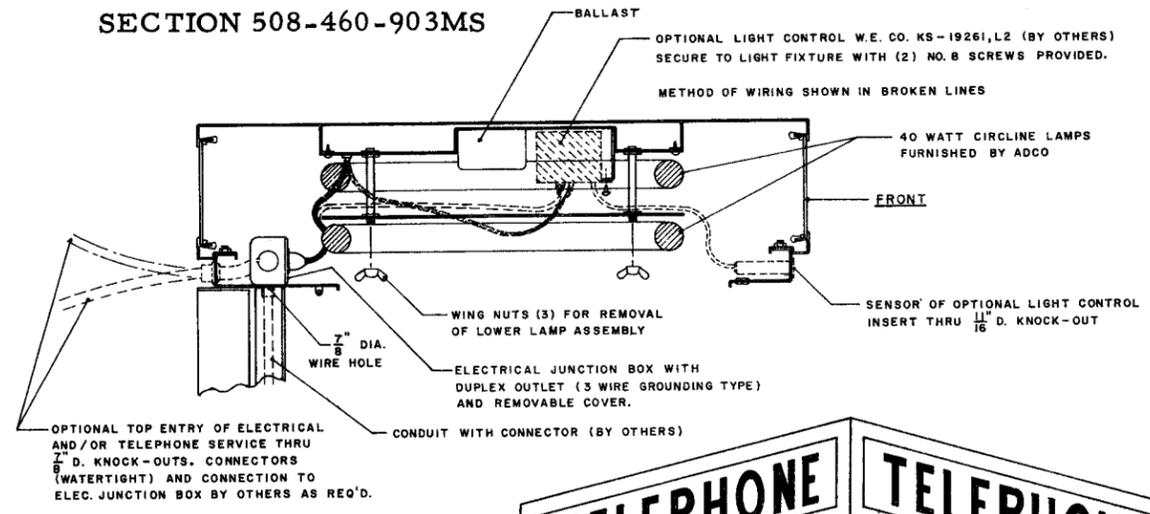
SECTION 508-460-903MS

4.05	Install coin telephones in these booths as shown in figure 5.				
		<u>ITEM NO.</u>	<u>NO. REQ'D.</u>	<u>PART NAME</u>	
<u>5. MAINTENANCE</u>		3	1	Diffuser Frame Assembly (Consisting of Items 4 Thru 11)	
5.01	Field maintenance of ADCO 120 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.	4	4	No. 6-32 x 3/8" Lg. Ph. Truss Hd. Thread Cutting Screw (S. S.)	
5.03	Access to the lamps and ballast are obtained by opening the diffuser frame as shown in figure 6. Replacements are coded as follows.	5	1	Retainer Frame	
	Lamp, fluorescent, 40 watt, circline, FC16T10/CW/RS	6	1	Safety Catch	
	Ballast, Universal No. 589-D.	7	1	Diffuser	
5.04	If the booths are damaged by accidents or vandals, the Plant Supervisor shall decide if the booth should be replaced or repaired in the field. Parts and disassembly methods for field repair are shown in figure 6.	8	1	Diffuser Frame	
		9	2	"Simmons" Quick Lock Fastener Assembly	
5.05	The following parts are shown in figure 6.	10	2	Spacer	
		11	1	Seal Set (Spring Tape)	
		12	8	No. 8 x 3/8" Lg. Type "B" Sheet Metal Screw (S. S.)	
		13	1	Light Fixture Assembly	
		14	12	1/4"-20 Hex Nut (S. S.)	
		15	12	1/4" Lockwasher (S. S.)	
		16	1	Top Assembly	
		17	40	Sign Retainer Clip	
		18	4	Sign	
		19	12	1/4"-20 Hex Nut (S. S.)	
<u>ITEM NO.</u>	<u>NO. REQ'D.</u>	<u>PART NAME</u>			
1		TELEPHONE MOUNTING HARDWARE:			
	8	1/4"-20 x 5/8" Lg. Flat Hd. Screw			
	7	1/4"-20 x 5/8" Lg. Rd. Hd. Screw			
2	1	TELEPHONE MOUNTING COVER:			
		ADCO No. TMC-120 or ADCO No. PTMC-120			

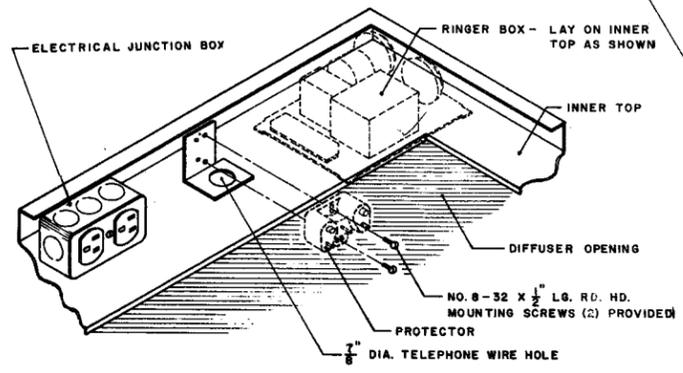
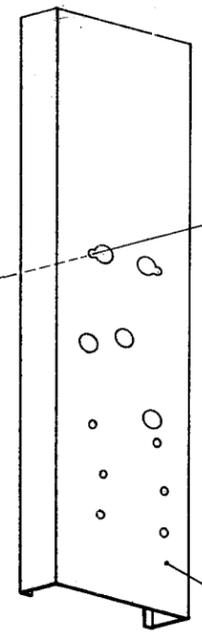
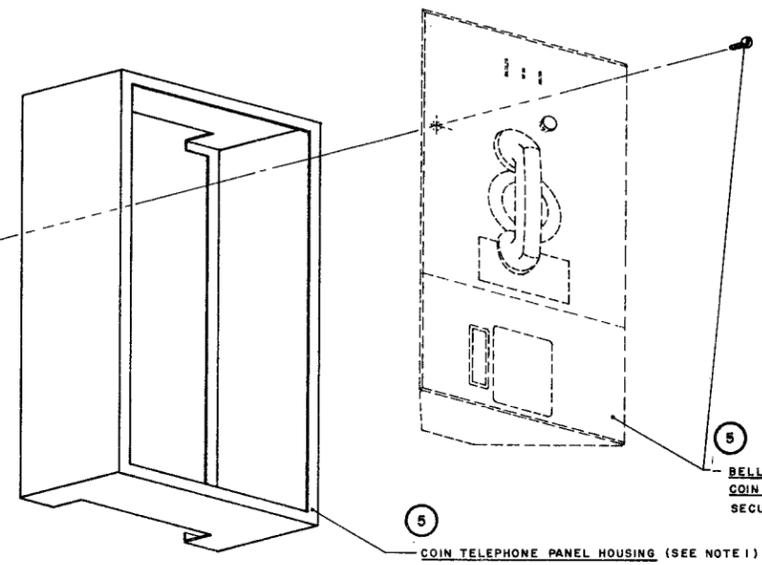
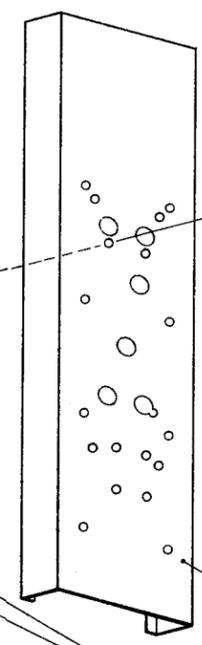
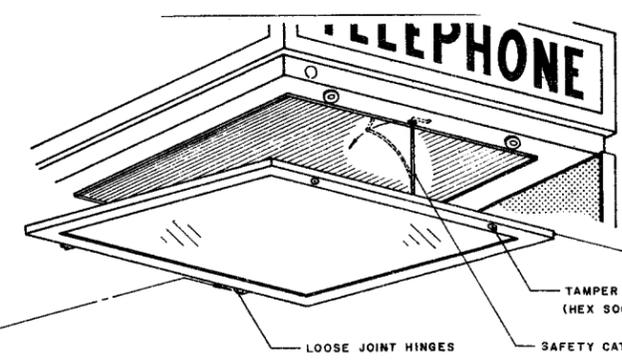
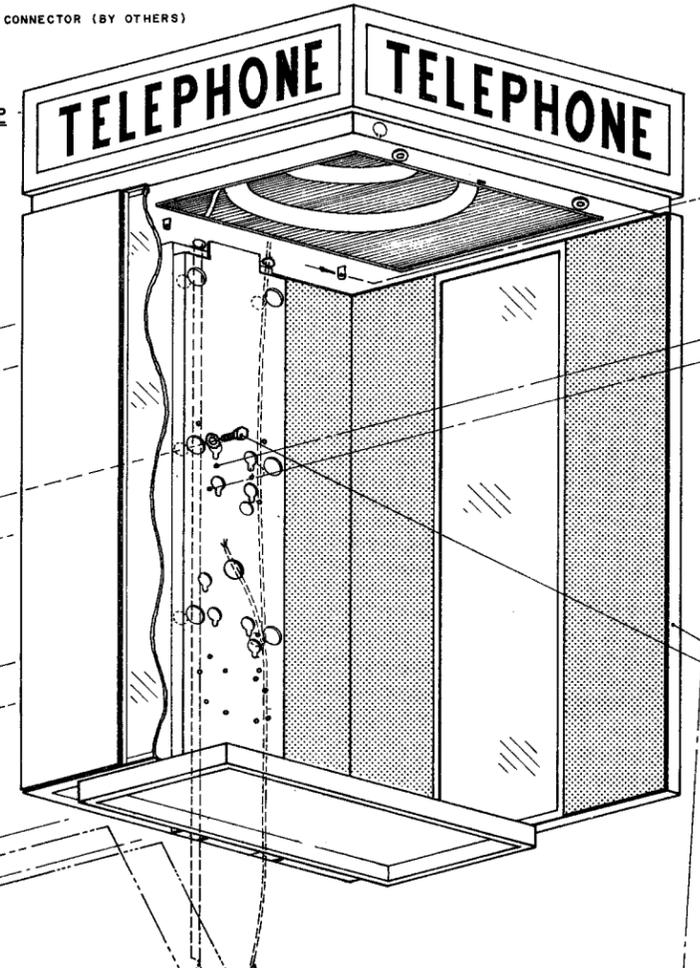
## SECTION 508-460-903MS

<u>ITEM NO.</u>	<u>NO. REQ'D.</u>	<u>PART NAME</u>	<u>ITEM NO.</u>	<u>NO. REQ'D.</u>	<u>PART NAME</u>
20	12	1/4" Lockwasher (S. S.)	37	1	Rear Perforated Inner Panel
21	1	Inner Top	38	1	Rear Side Perforated Inner Panel
2	1	Plastic Channel Set	39	1	Front Perforated Inner Panel
23	1	Handy Box Cover	40	1	Acoustic Fill
24	1	Duplex Outlet (Grounding Type)	41	1	Acoustic Fill
25	2	No. 8-32 x 3/8" Lg. Rd. Hd. Screw (S. S.)	42	4	Acoustic Fill
26	1	Handy Box	43	8	No. 8-32 x 1/2" Lg. Rd. Hd. Screw (S. S.)
27	6	1/4 - 20 Hex Nut (S. S.)	44	12	Retainer Clip
28	6	1/4 - 20 Lockwasher (S. S.)	45	1	Window Frame
29	2	1/4"-20 x 1/2" Lg. Hex Hd. Screw (S. S.)	46	1	Rubber Gasket Set
30	2	1/4 - 20 Lockwasher (S. S.)	47	1	Glass (1/4" Thk. x 10-1/4" x 33-3/16" Tempered or Safety)
31	1	Shelf	48	4	No. 8 x 1/2" Lg. Rd. Hd. Type "A" Sheet Metal Screw (S. S.)
32	10	1/4"-20 Hex Nut (S. S.)	49	3	Outer Panel
33	10	1/4"-20 Lockwasher (S. S.)	50	1	R. H. Frame Half
34	1	Mounting Channel	51	1	L. H. Frame Half Ass'y. (Consisting of Items 36 Thru 49 & Item 52)
35	1	R. H. Frame Half Ass'y. (Consisting of Items 36 Thru 50)	52	1	L. H. Frame Half
36	8	No. 8 x 1/2" Lg. Rd. Hd. Type "A" Sheet Metal Screw (S. S.)	53	1	Panel Puller

SECTION 508-460-903MS



SECTION THROUGH TOP



PROTECTOR AND RINGER BOX (WHEN REQ'D.) INSTAL ON  
 DETAIL - WIRING AS REQUIRED  
 (VIEW LOOKING INSIDE OF TOP)

- NOTE 1: COIN TELEPHONE MOUNTING COVERS AND HOUSING LOCKED IN POSITION WHEN TELEPHONE IS INSTALLED  
 NOTE 2: ○ DENOTES ORDER OF INSTALLATION OR REMOVAL.  
 NOTE 3: DETERMINE METHOD OF ELECTRICAL AND TELEPHONE SERVICE WIRING AND COORDINATE WITH INSTALLATION OF BOOTH COMPONENTS.

Figure 5  
 Installation of Coin Telephone in ADCO 120 Booth

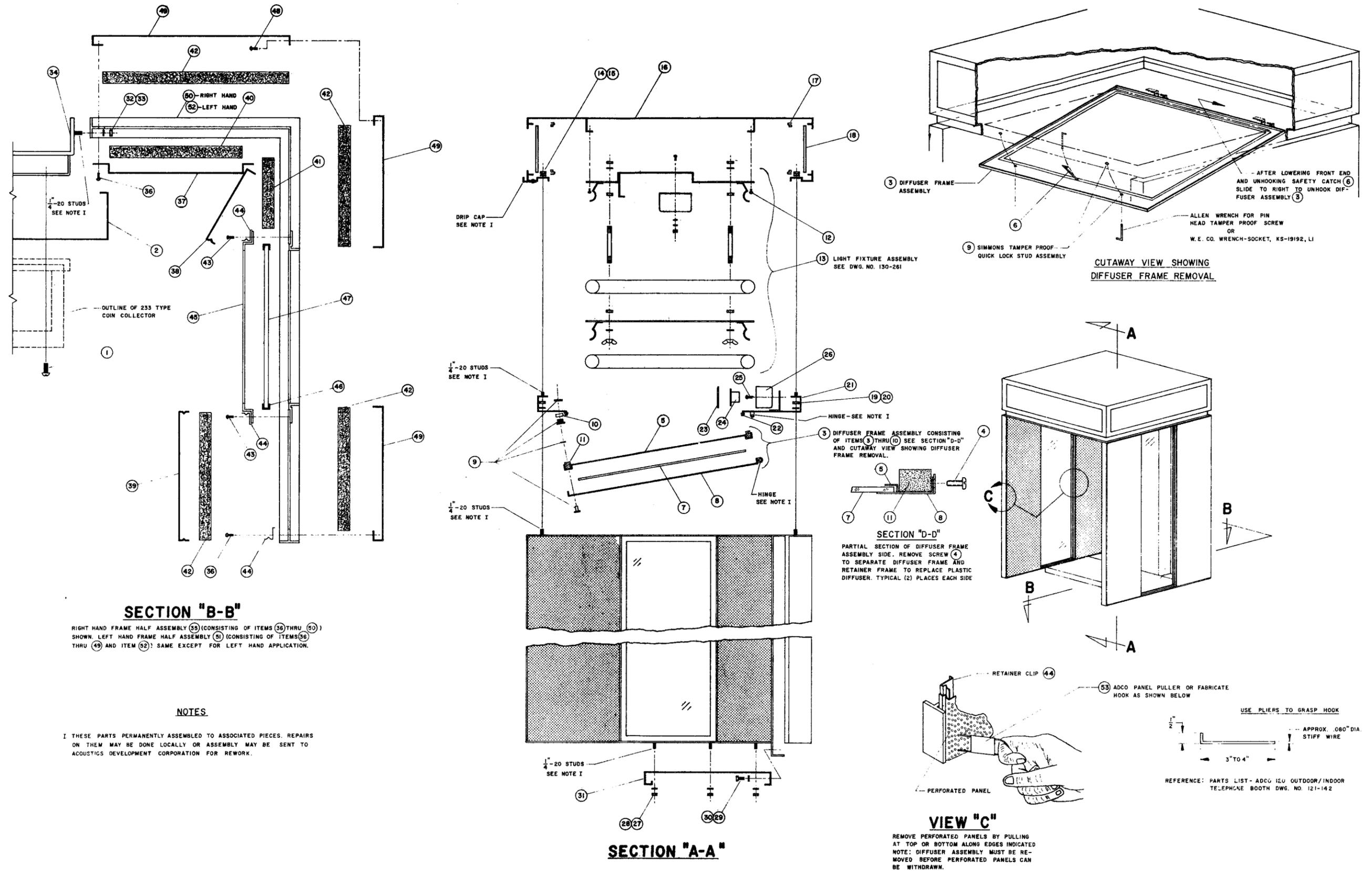


Figure 6  
 Replacement Parts See par. 5.05