

## **KS-20630 BOOTH—INDOOR**

### **1. GENERAL**

**1.01** This section includes identification, installation, and maintenance information on the KS-20630 telephone booth.

**1.02** The KS-20630 telephone booth (Fig. 1) is a doorless coin station intended for indoor walk-up service.

**1.03** This booth may be installed singly or in multiples. It may be supported on a pedestal, wall ledge, or between two columns on a beam.

**1.04** There are no design provisions made for signing or for illuminated signing as part of the unit.

### **2. IDENTIFICATION**

**2.01** Various list numbers and components have been assigned the KS-20630 telephone booth as described in Table A.

**2.02** The booth consists of a welded steel center frame covered with a stainless steel faceplate. Bronze colored glass wings, enclosed in bronze-finished aluminum frames, extend outward on each side.

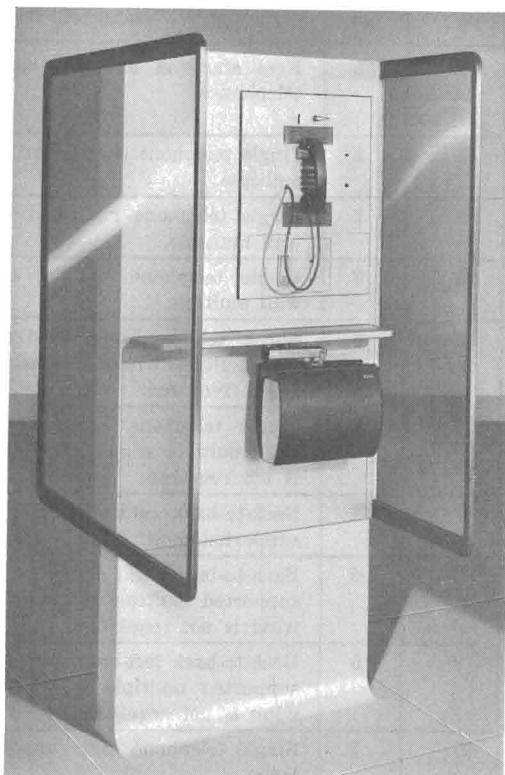
**2.03** The overall dimensions of each booth are shown in Fig. 2 through 5.

**2.04** This booth is designed to accept the 2A/2C-type coin telephone set. The set is mounted directly to the steel frame with no additional backboard required.

**2.05** A 6-inch stainless steel writing shelf extends forward as part of the faceplate.

**2.06** The writing shelf is designed to accept a KS-20030, List 3 directory hanger which is optional.

**2.07** A stainless steel removable door panel assembly is located under the writing shelf for telephone wiring accessibility.



**Fig. 1—KS-20630 List 1 Coin Telephone Booth With List 16 Base Assembly Concealed Beneath Dress Finish**

**2.08** When the booth is pedestal mounted, a KS-20630, List 16 steel base assembly (Fig. 6) must be used and is ordered separately. The customer will provide an exterior to the base assembly.

### **TELEPHONE WIRING**

**2.09** When the booth is pedestal mounted, telephone wiring will be installed through this pedestal;

**TABLE A**  
**KS-20630 BASIC LIST NO'S.**

LIST NO.	FIG. NO.	DESCRIPTION	REMARKS
1	2	Free standing unit for back-to-back telephones.	For use in open areas. Includes two List 12 wing assemblies. List 16 base assembly must be ordered separately.
2	2	Single telephone center unit of a wall multiple.	Includes one List 13 wing assembly.
3	2	Single telephone right-end unit of a wall multiple.	Includes one List 11 wing assembly.
4	3	Single telephone left-end unit of a wall multiple.	Includes one List 11 and one List 13 wing assembly.
5	3	Single telephone right-end unit of a wall multiple where a right side wing is not required.	Does not include a wing assembly. For mounting to a wall or column.
6	4	Single telephone left-end unit of a wall multiple where a left side wing is not required.	Includes one List 13 wing assembly on right side. Left side is designed to mount to a column.
7	4	Back-to-back center unit of a beam-supported multiple.	Includes one List 14 wing assembly. Will accept two coin telephone sets.
8	4	Back-to-back right end unit of a beam-supported multiple where a right-end wing is not required.	Does not include a wing assembly. Right side mounts to a wall or column. Will accept two coin telephone sets.
9	5	Back-to-back left-end unit of a beam-supported multiple where a left-end wing is not required.	Includes one List 14 wing assembly. Left side mounts to a wall or column. Will accept two coin telephone sets.
10	5	Single telephone unit supported on a ledge.	Includes two List 11 wing assemblies.
11	11	Single right or left end wing assembly.	For a wall-mounted single station; component of Lists 3, 4, and 10.
12	6	Double right or left end wing assembly.	For free standing back-to-back unit; component of List 1.
13	8	Single center wing assembly.	For use between wall multiple units; component of Lists 2, 4, and 6.
14	10	Double center wing assembly.	For use between back-to-back multiple units; component of Lists 7 and 9.
15	11	Bronze colored tempered glass.	Used in all wing assemblies.
16	6	Steel base assembly — 26 inches high, 26 inches long, and 5 inches wide.	Used in conjunction with a List 1 booth. Must be ordered separately. Must be surface finished by customer.

when beam support mounted, through bottom or sides; when wall ledge mounted, through bottom, sides, or rear.

### ORDERING GUIDE

**2.10** Orders for this product shall specify the quantity, KS number, and list number. The following are examples of typical orders:

#### *Example 1*

One single back-to-back pedestal mount:

1—Booth, Telephone, KS-20630, List 1

1—Base Assembly, KS-20630, List 16

#### *Example 2*

Three wall mounts with directory hangers:

1—Booth, Telephone, KS-20630, List 2

1—Booth, Telephone, KS-20630, List 3

1—Booth, Telephone, KS-20630, List 4

3—Hangers, Directory, KS-20030, List 3

#### *Example 3*

Three back-to-back beam support mounts between two columns with no end wings required:

1—Booth, Telephone, KS-20630, List 7

1—Booth, Telephone, KS-20630, List 8

1—Booth, Telephone, KS-20630, List 9

### 3. INSTALLATION

#### PEDESTAL MOUNT (LIST 1)

**3.01** Install KS-20630, List 16 base assembly (Fig. 6) using customer furnished hardware.

**3.02** Mount L-762678 frame assembly over base.

**3.03** Plumb the frame assembly and tighten the 12 adjusting set screws.

**3.04** Secure the frame assembly to base assembly using twelve 3/8-16 by 3/4 hex head machine bolts and twelve 3/8-inch lockwashers.

**3.05** Install two KS-20630, List 12 wing assemblies and secure each assembly with four 3/8-16 by 3/4 hex head machine bolts, four 3/8-inch lockwashers, eight 1/4-20 hex nuts, and eight 1/4-inch plain washers.

**3.06** Install coin telephone. Wires shall enter through base assembly.

**3.07** Install the two L-762657-1 door panel assemblies using six No. 8-32 by 3/8 Phillips PHM screws for each.

*Note:* Customer will provide finish for base assembly.

#### SINGLE WALL MOUNT (LIST 10)

**3.08** Install L-762677-1 frame assembly (Fig. 7) on wall ledge using customer-provided hardware.

**3.09** Install two KS-20630, List 11 wing assemblies and secure each assembly with four 3/8-16 by 3/4 hex head machine bolts, four 3/8-inch lockwashers, eight 1/4-20 hex nuts, and eight 1/4-inch plain washers.

**3.10** Install coin telephone. Wires may enter through bottom, side, or rear of frame.

**3.11** Install L-762657-1 door panel assembly using six No. 8-32 by 3/8 Phillips PHM screws.

#### MULTIPLE WALL MOUNT WITH END WING ASSEMBLIES (LISTS 2, 3, AND 4)

**3.12** Install L-762677-1 frame assembly (Fig. 8) on wall ledge in left-hand position using customer-provided hardware.

**3.13** Install a KS-20630, List 13 wing assembly on right side of frame assembly using four 3/8-16 by 3/4 hex hd machine bolts and four 3/8-inch lockwashers.

**3.14** Install a KS-20630, List 11 wing assembly on left side of frame assembly using four 3/8-16 by 3/4 hex head machine bolts, four 3/8-inch

lockwashers, eight 1/4-20 hex nuts, and eight 1/4-inch plain washers.

**3.15** Install the next L-762677-1 frame assembly against the right side of the previously installed List 13 wing assembly using customer-provided hardware.

**3.16** Tie the two frames together using eight 3/8-16 by 1-1/2 hex head machine bolts, eight 3/8-inch lockwashers, and eight 3/8-16 hex nuts.

**3.17** Repeat 3.13.

**3.18** Continue the procedures outlined in 3.15, 3.16, and 3.13, respectively until all booths are installed except the last wing assembly which will be a List 11 and is installed per 3.14.

**3.19** Repeat 3.10 and 3.11 for each booth.

**MULTIPLE WALL MOUNT WITHOUT END WING ASSEMBLIES (LISTS 2, 5, AND 6)**

**3.20** Install L-762677-3 frame assembly (Fig. 9) on wall in left-hand position using customer-provided hardware.

**3.21** Repeat 3.13, 3.15, and 3.16.

**3.22** Continue the procedures outlined in 3.15, 3.16, and 3.13, respectively until all booths are installed except the right end List 5 booth which will have an L-762677-2 frame assembly and will not have a right wing assembly.

**3.23** Repeat 3.10.

**3.24** Install a L-762657-3 door panel assembly on left-end booth, L-762657-2 door panel assembly on right-end booth, and L-762657-1 door panel

assembly on each center booth using six No. 8-32 by 3/8 Phillips PHM screws for each booth.

**MULTIPLE UNITS SUPPORTED BETWEEN TWO COLUMNS ON BEAM (LISTS 7, 8, AND 9)**

**3.25** Install L-762673-2 frame assembly (Fig. 10) on a support against left-hand column using customer-provided hardware.

**3.26** Install a KS-20630, List 14 wing assembly on right side of frame assembly using four 3/8-16 by 3/4 hex head machine bolts, and four 3/8-inch lockwashers.

**3.27** Install L-762673-1 frame assembly against the right side of the previously installed frame using customer-provided hardware.

**3.28** Repeat 3.16 and 3.26.

**3.29** Continue the procedures outlined in 3.27, 3.16, and 3.26, respectively until all booths are installed except the right end booth which will have an L-762673-2 frame assembly and will not have a right wing assembly.

**3.30** Repeat 3.10 and 3.24.

**4. MAINTENANCE**

**4.01** Maintenance on this booth is restricted to cleaning and replacing broken or damaged parts, listed in Table B.

**4.02** Refer to Fig. 11 for assembly or disassembly of a wing assembly.

**4.03** Refer to Division 508, section entitled, Booth and Shelf Cleaning, for detailed information on cleaning.

**TABLE B**  
**REPLACEMENT PARTS**

NAME	PART NO., LIST NO., OR DESCRIPTION	REMARKS	
Channel Assembly, Horizontal	L-762662-1	Top and bottom channels on List 11 wing assembly (See Note on Fig. 11)	
	L-762662-2		
	L-762669	Top or bottom channel on Lists 12 and 14 wing assemblies	
Channel Assembly, Vertical	L-762668	Vertical channel in front of each glass panel	
Directory Hanger	KS-20030, List 3	Will accommodate single binder up to 4 inches thick (Section 508-710-102)	
Fastener, Push On	Tinnerman Products, Inc. No. C-183-012	Secures L-762666 end plate to each wing assembly (eight required for each plate)	
Panel, Glass	KS-20630, List 15	Used in all wings	
Panel, Door Assembly	L-762657-1	For mounting and wiring accessibility	Used on Lists 1, 2, 3, 4, 7, and 10.
	L-762657-2		Used on Lists 5 and 8.
	L-762657-3		Used on Lists 6 and 9.
Plate Assembly, End	L-762666	Stainless steel cover plate which fits over wing channels at center support	
Screw, Cone Point Set	1/4-20 by 1/2 Hex Socket	Secures L-762668 wing assembly vertical channel to the two horizontal channels.	
Screw, Cap	5/16-18 by 2-1/2 Hex Socket Hd	Secures horizontal channels of wing assemblies to center vertical channels (four used on each wing assembly)	
Screw, Machine	No. 8-32 by 3/8 Phillips Hd	Secures door panel assembly to center frame assembly	
Strip, Glazing	L-762664-1	Vertical strips, front and rear	
	L-762664-2	Horizontal strips, top and bottom	
Wing Assembly	KS-20630, List 11	Single end unit	
	KS-20630, List 12	Double end unit	
	KS-20630, List 13	Single center unit	
	KS-20630, List 14	Double center unit	

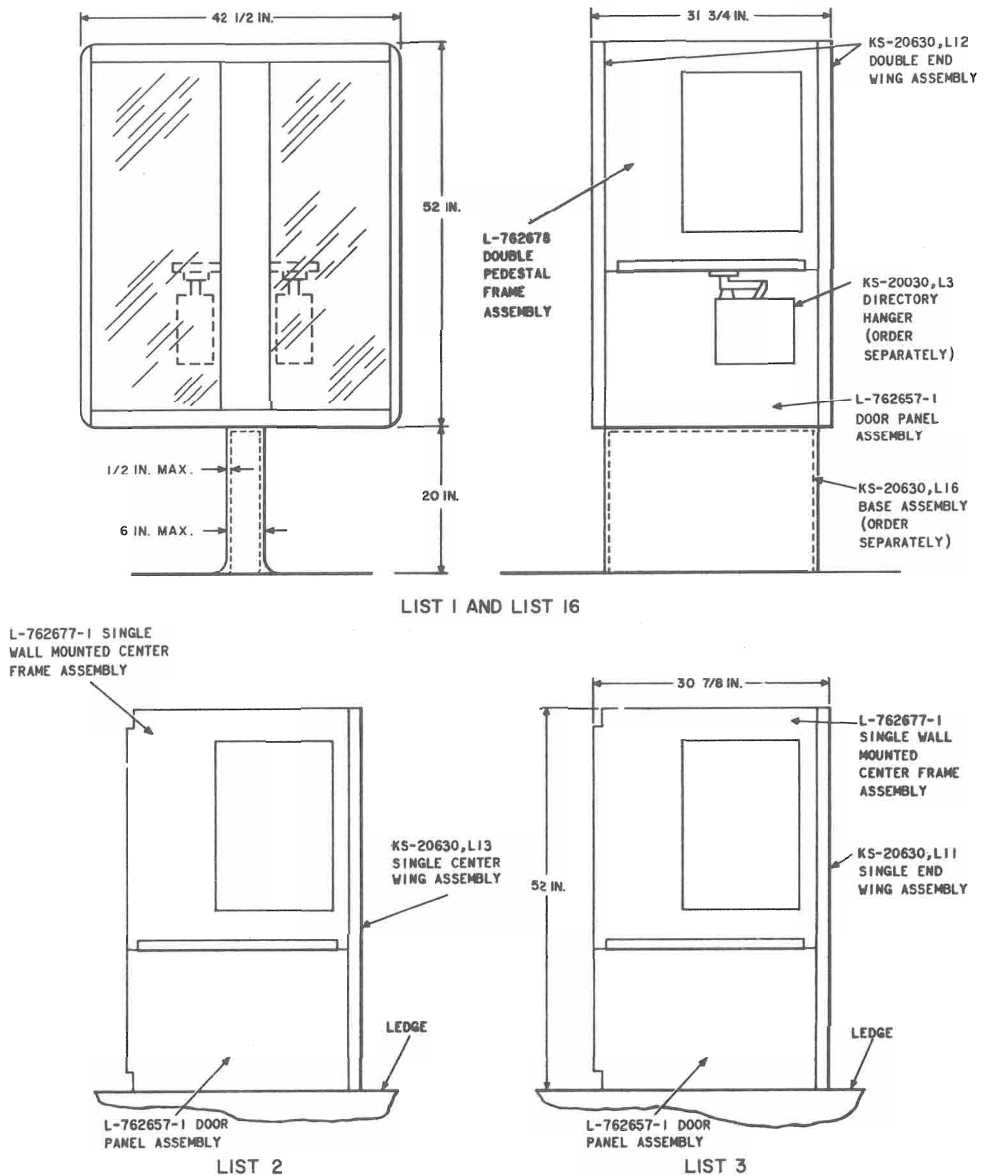
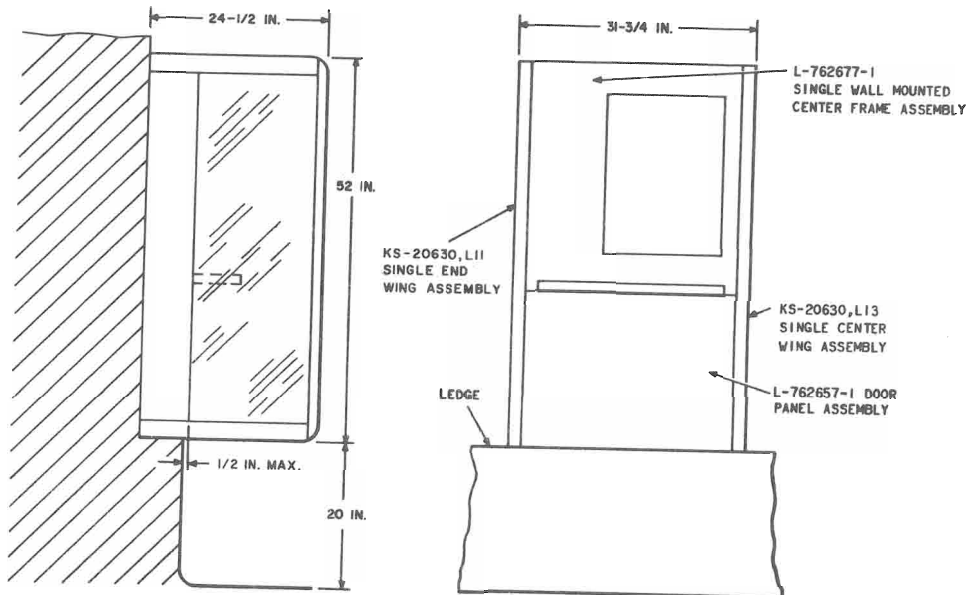
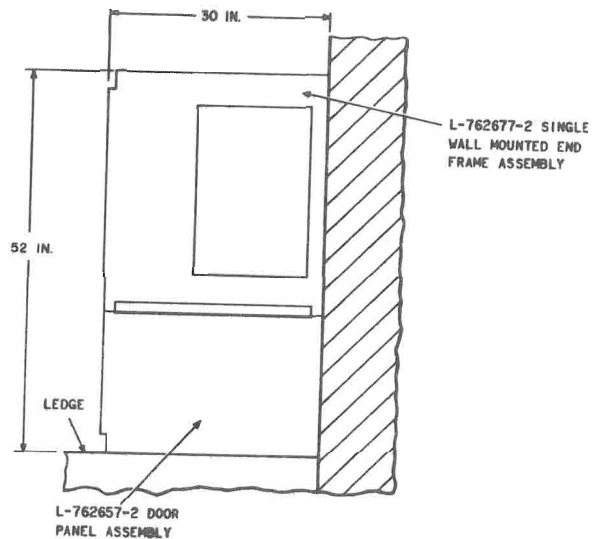


Fig. 2—Layout for KS-20630, List 1, 2, and 3 Units



LIST 4



LIST 5

Fig. 3—Layout for KS-20630, List 4 and 5 Units

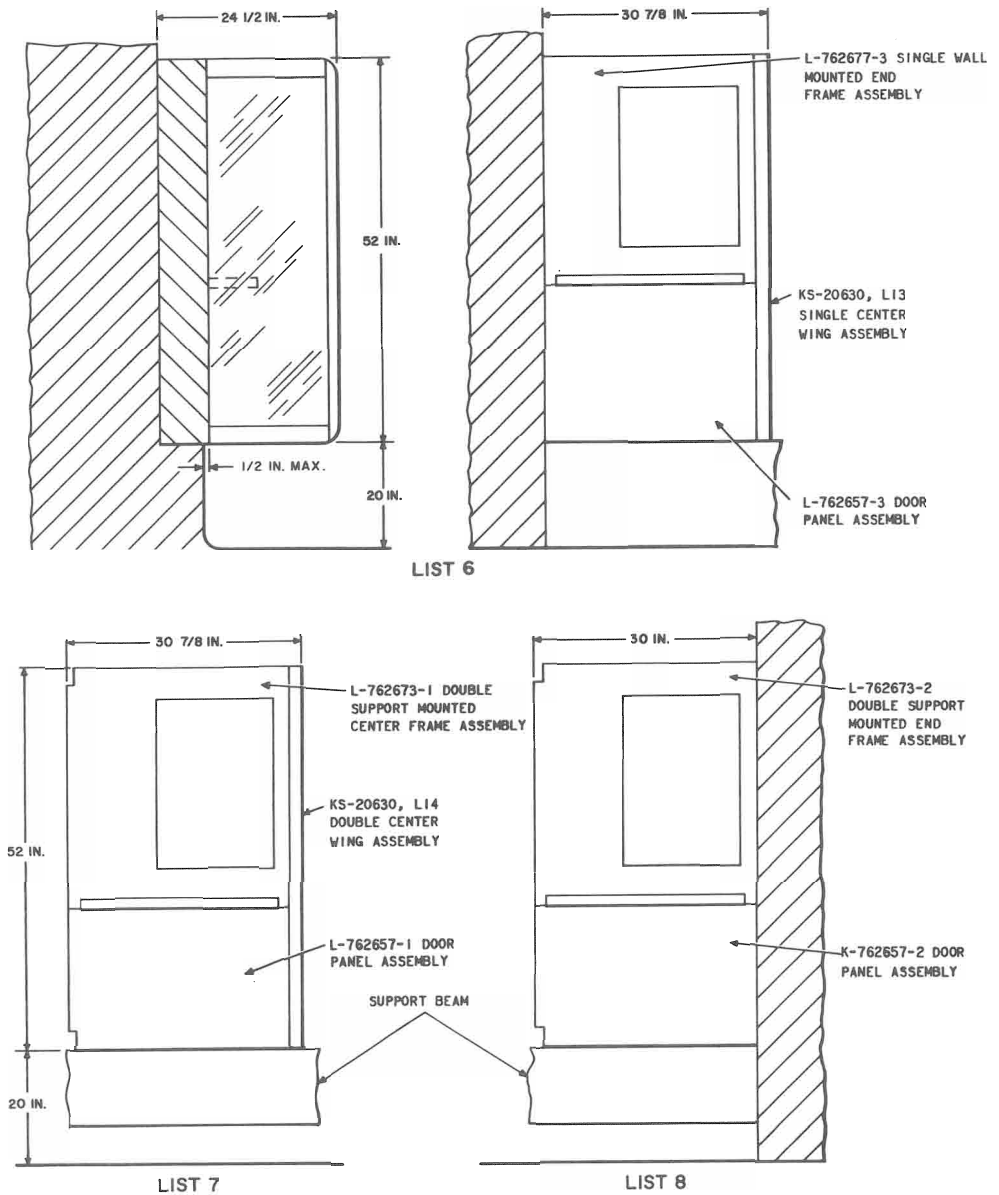
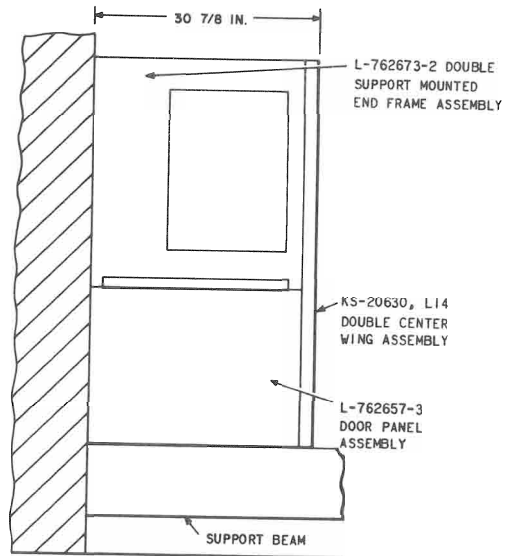
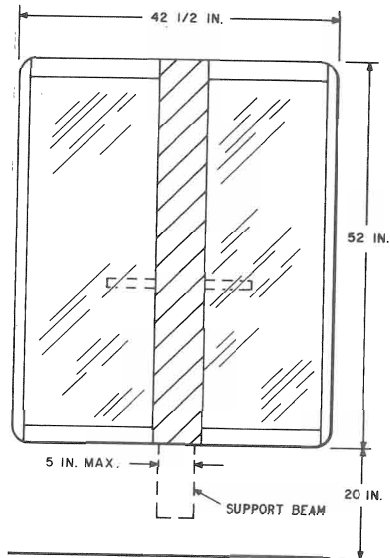
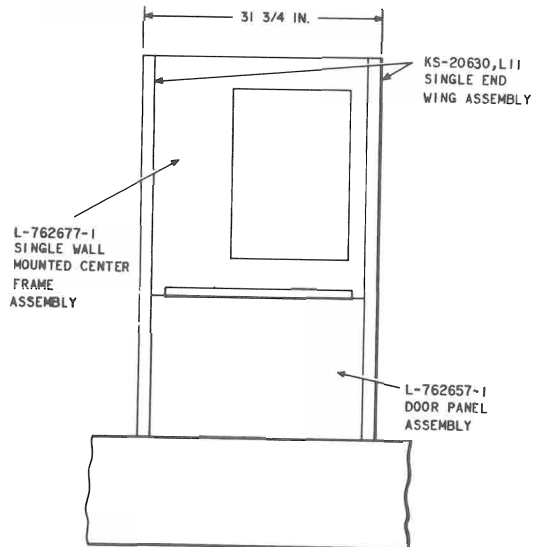
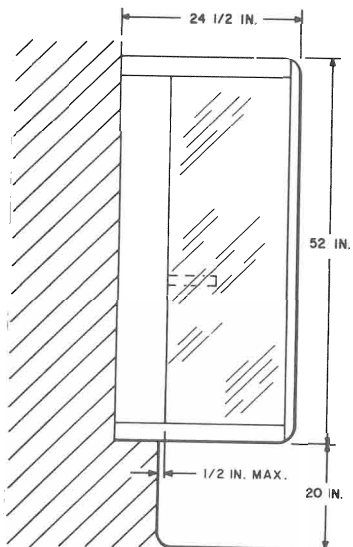


Fig. 4—Layout for KS-20630, List 6, 7, and 8 Units





## LIST 9



## LIST 10

Fig. 5—Layout for KS-20630, List 9 and 10 Units

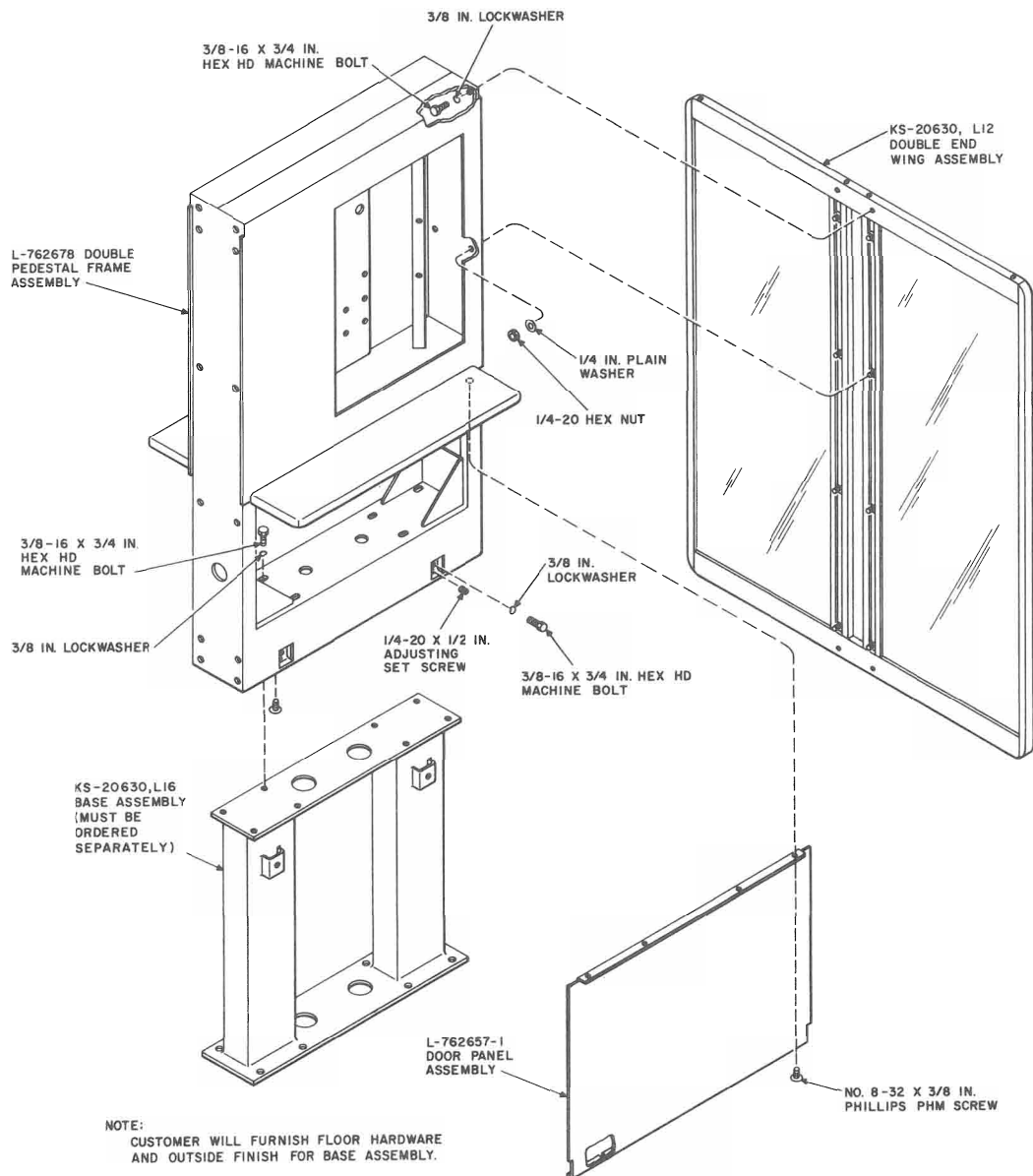


Fig. 6—Partial View of KS-20630 Pedestal Mounted Booth

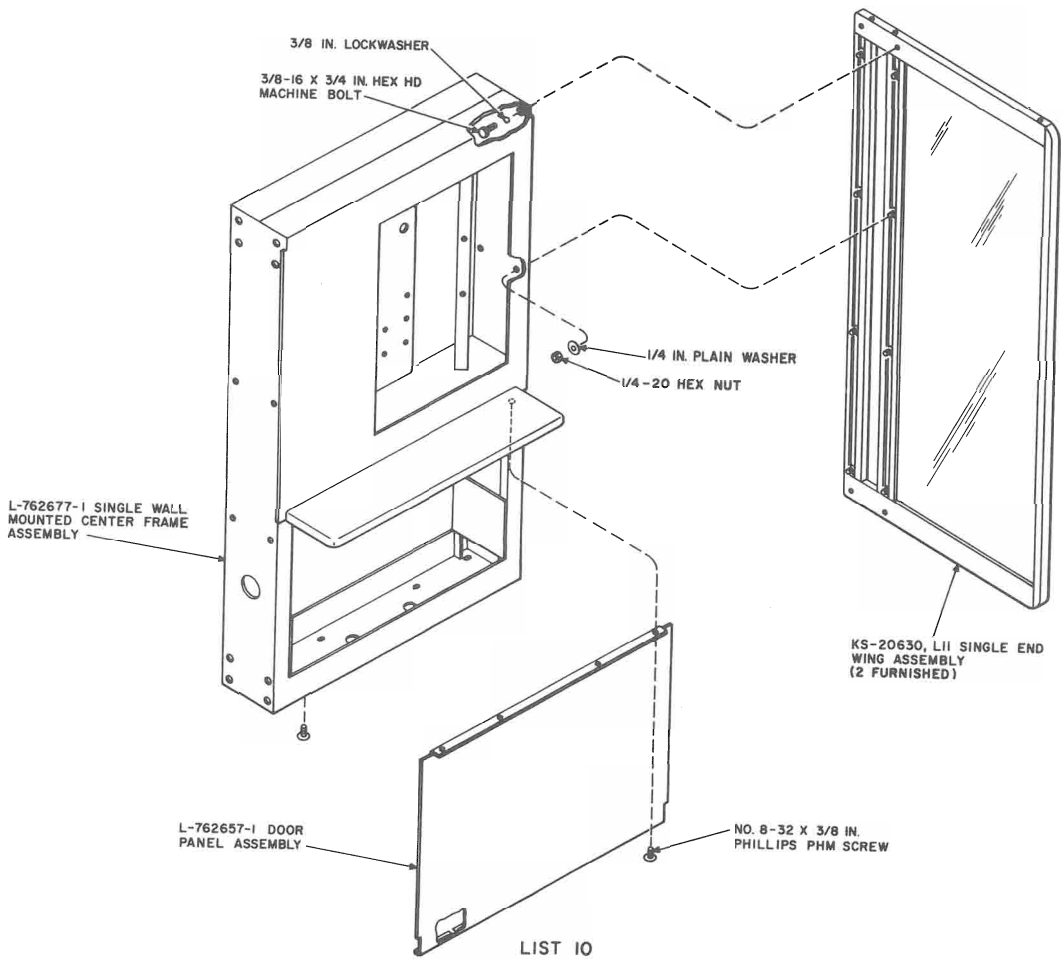


Fig. 7—Partial View of KS-20630 Wall Mounted Booth

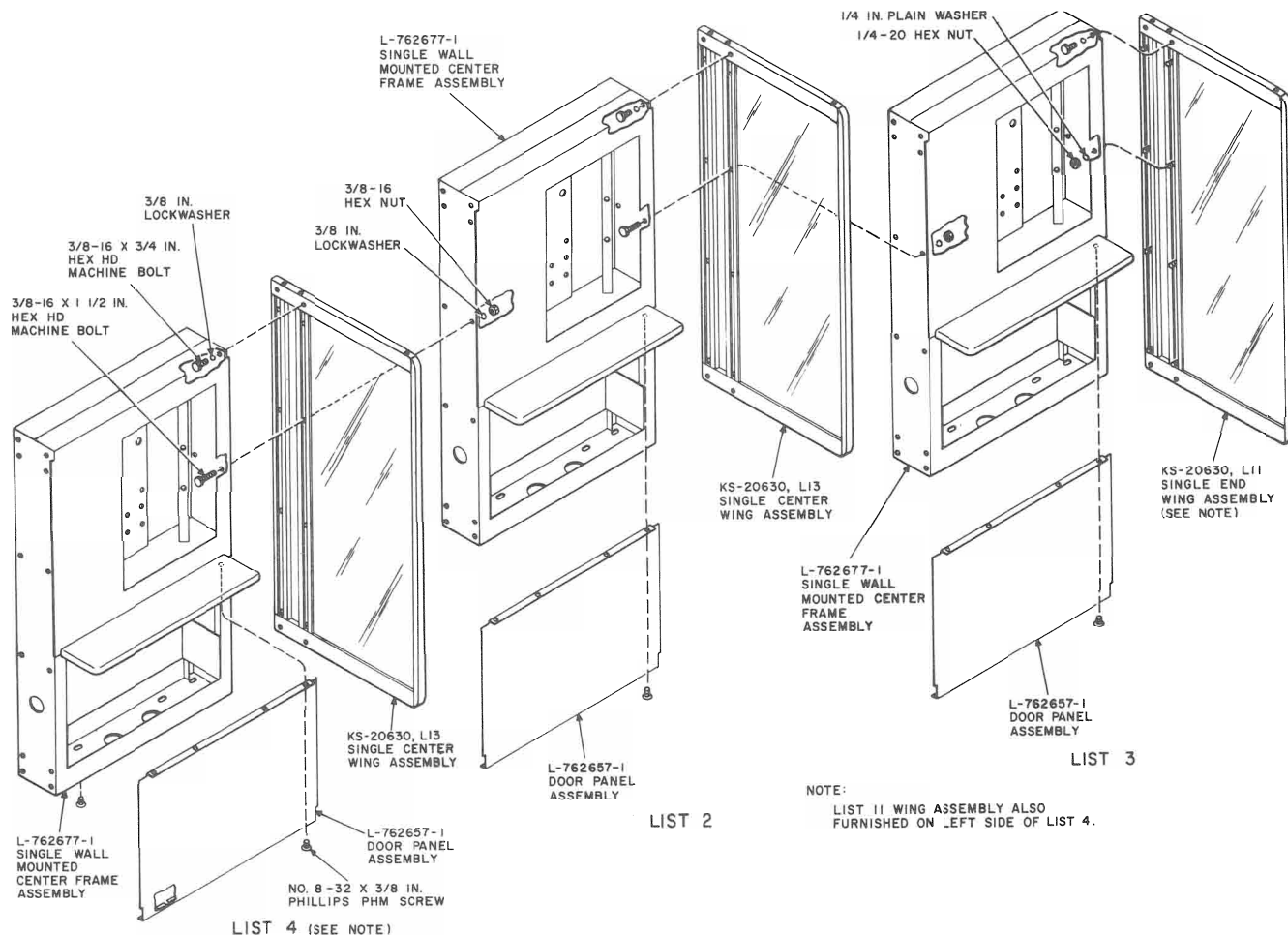


Fig. 8—Multiple Wall Mount With End Wing Assemblies

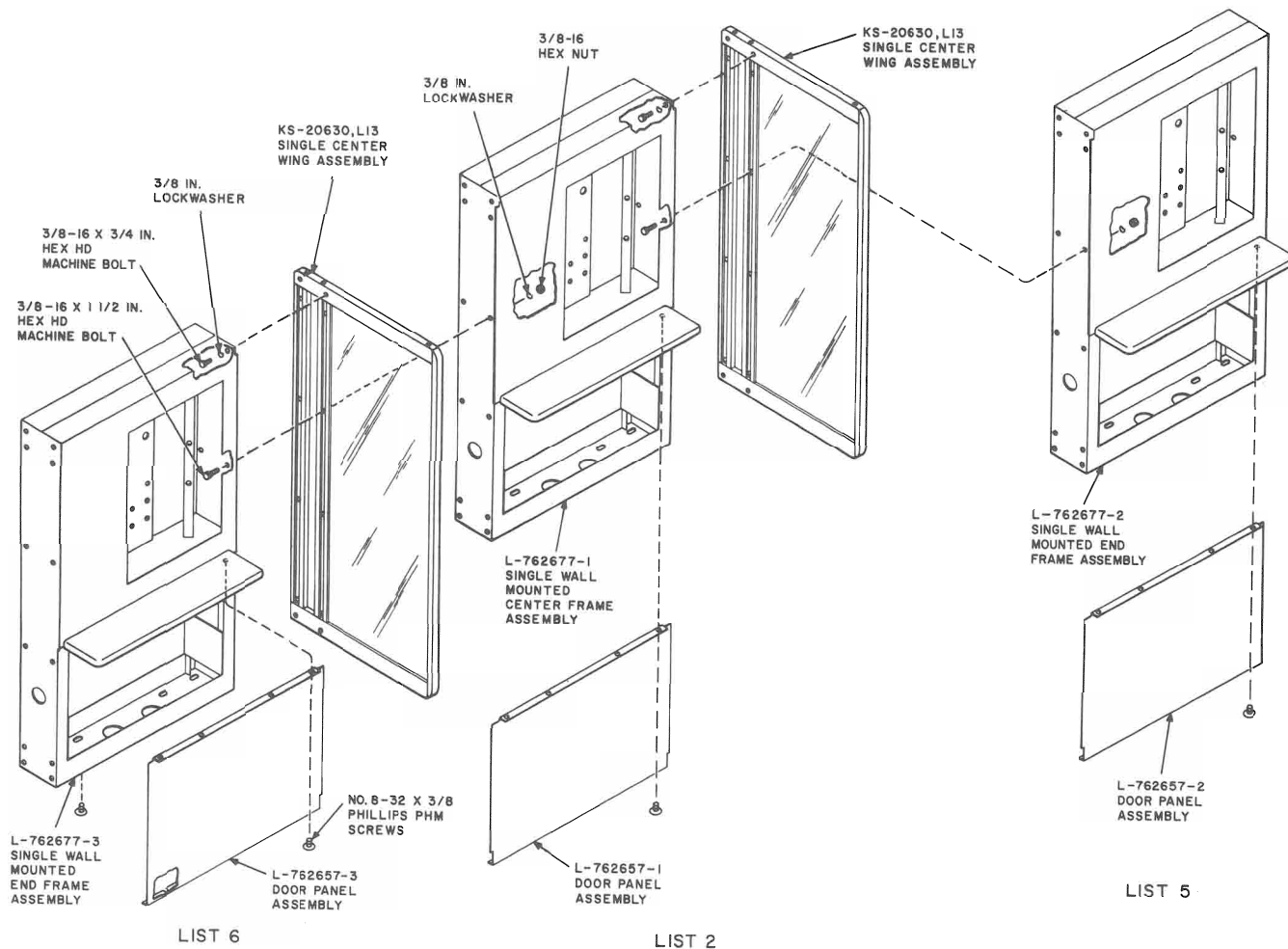


Fig. 9—Multiple Wall Mount Without End Wing Assemblies

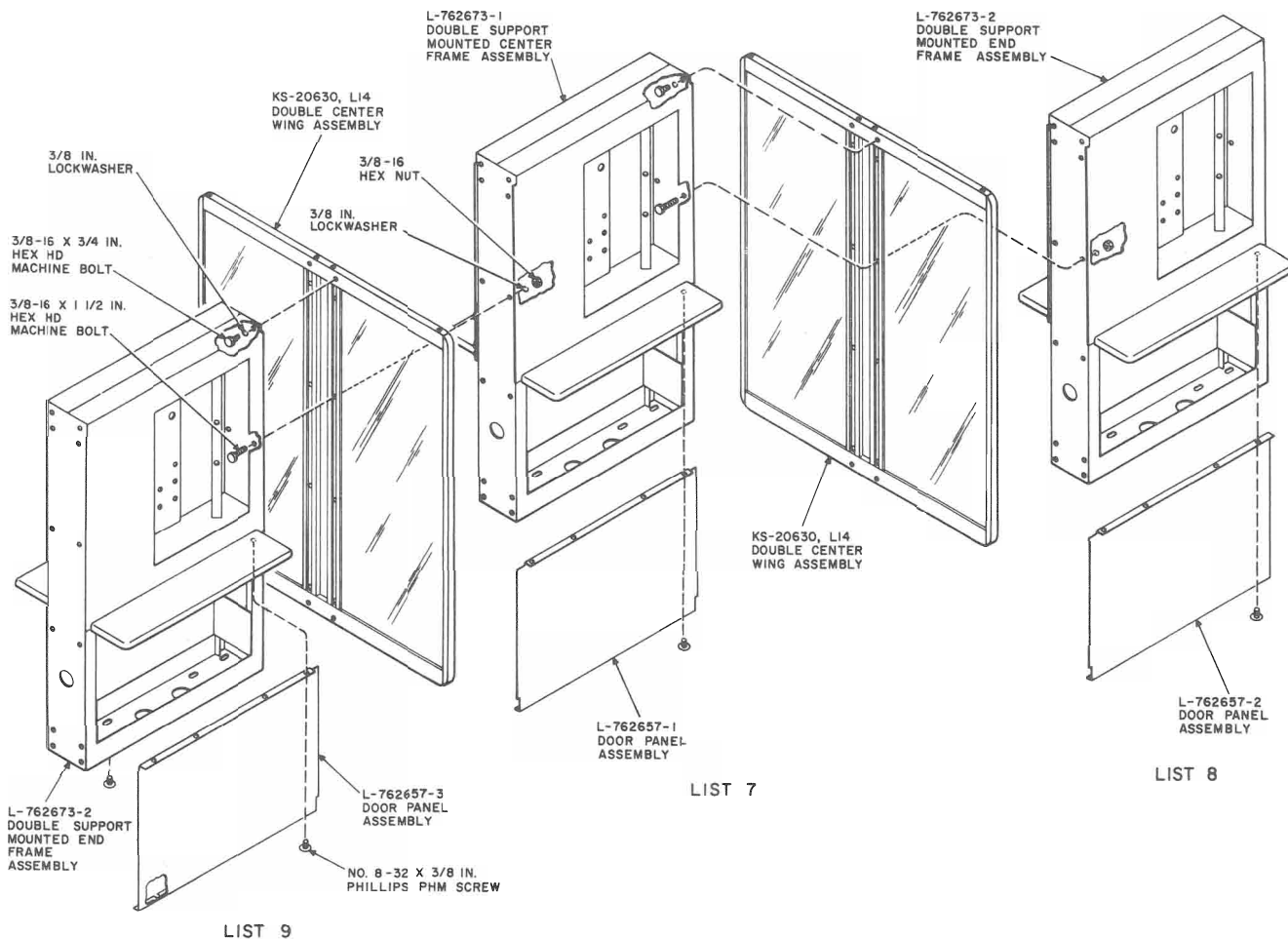


Fig. 10—Partial View of Three KS-20630 Booths Supported Between Two Columns

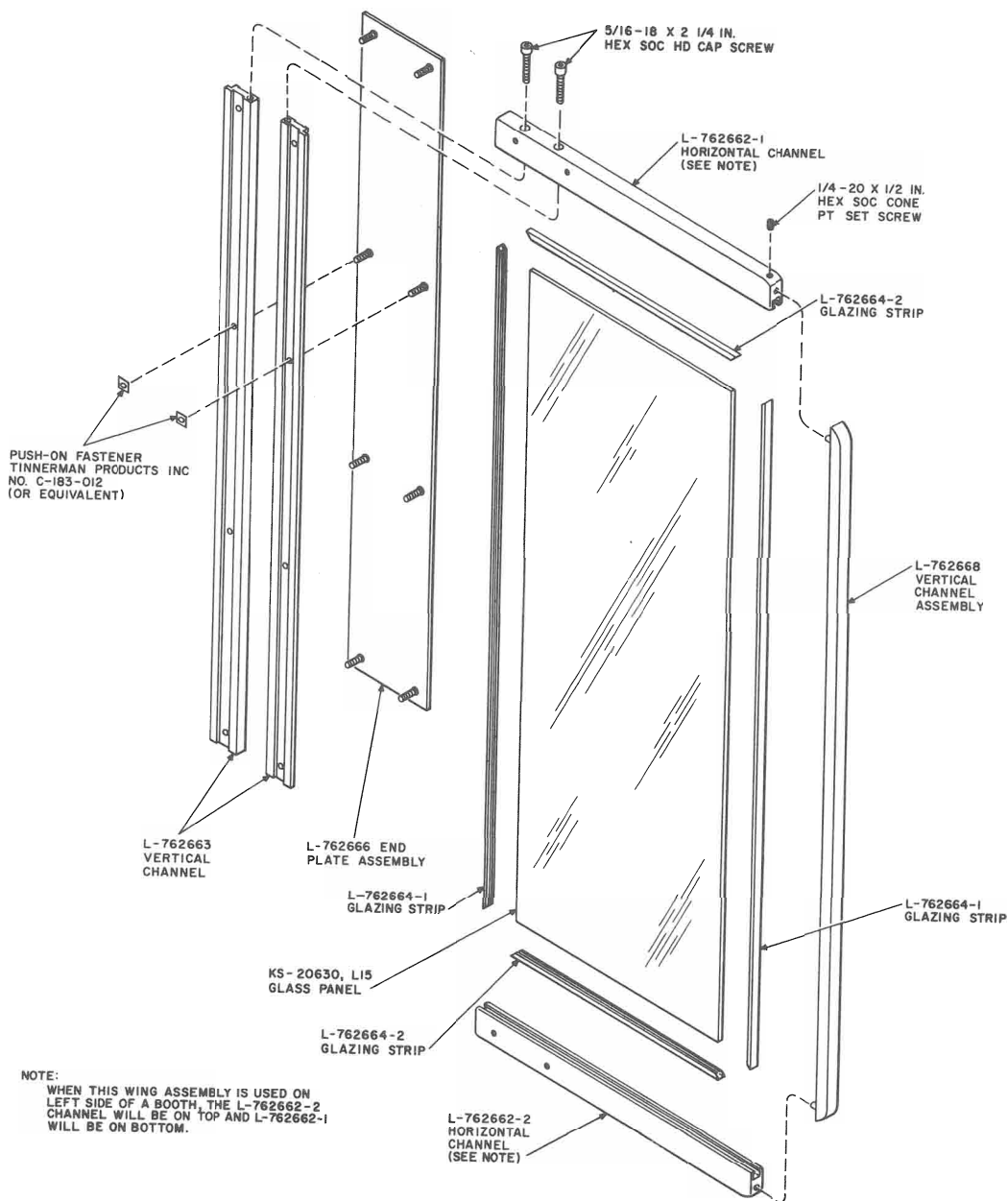


Fig. 11—Exploded View of KS-20630, List 11 Wing Assembly