

KS-20630 BOOTH—INDOOR

1. GENERAL

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

1.02 Information on this section was formerly contained in Section 508-126-100 which is hereby cancelled.

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

1.04 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.

1.05 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.

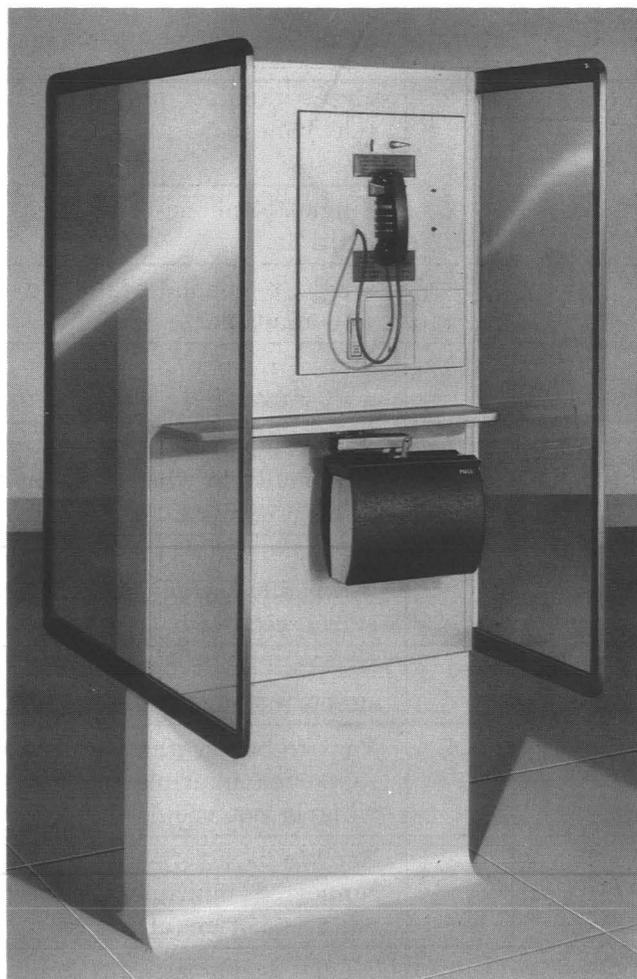


Fig. 1—KS-20630 List 1 Coin Telephone Booth With List 16 Base Assembly Concealed Beneath Dress Finish

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

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.

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.

TELEPHONE WIRING

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

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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

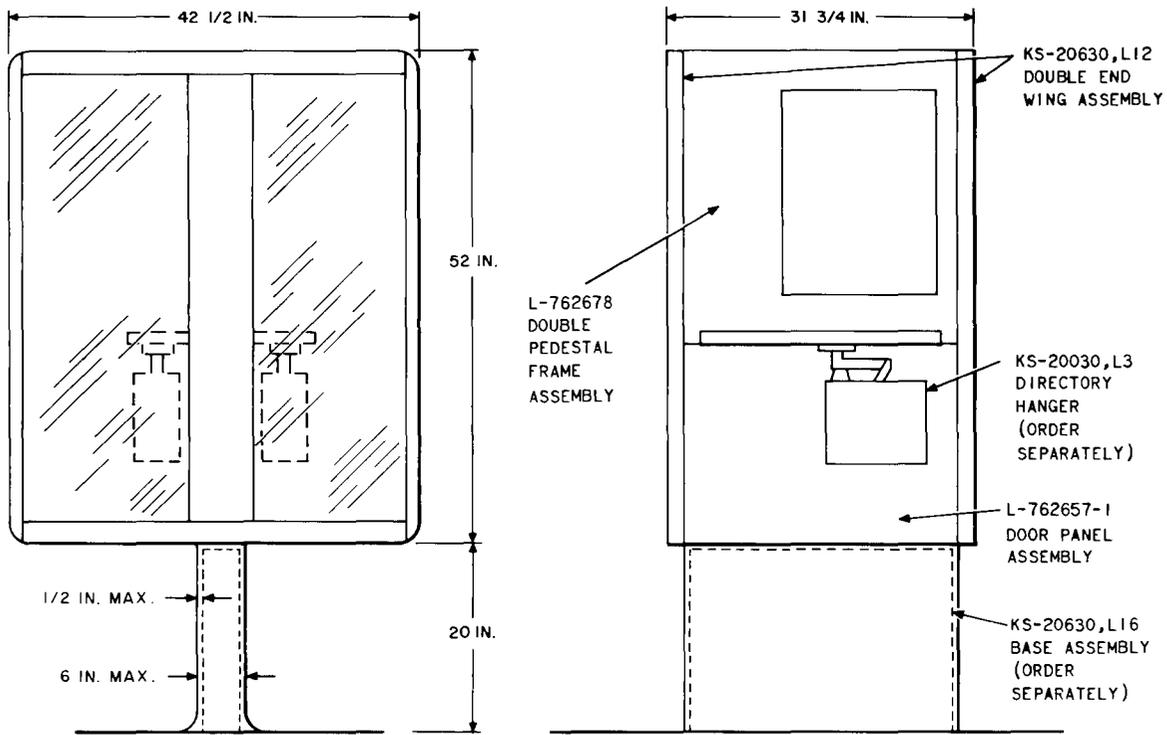
4.01 Maintenance on this booth is restricted to cleaning and replacing broken or damaged parts, listed in Table B.

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.

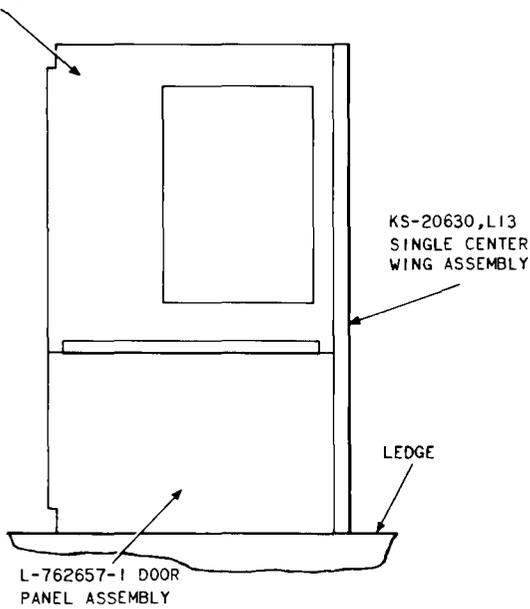
TABLE B
REPLACEMENT PARTS

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	

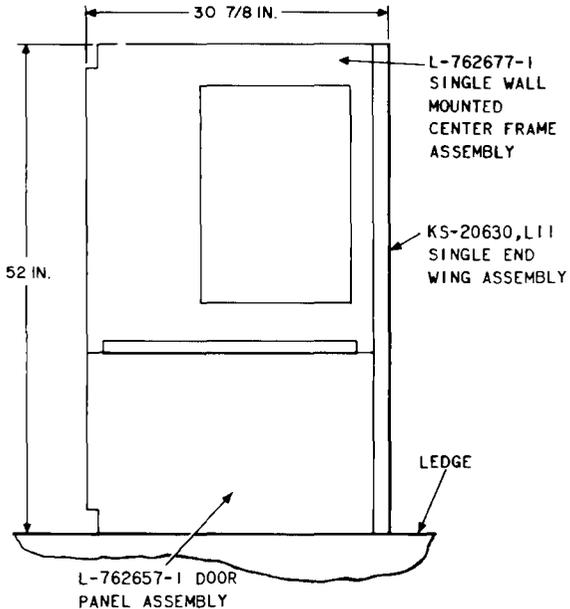


LIST 1 AND LIST 16

L-762677-1 SINGLE WALL MOUNTED CENTER FRAME ASSEMBLY

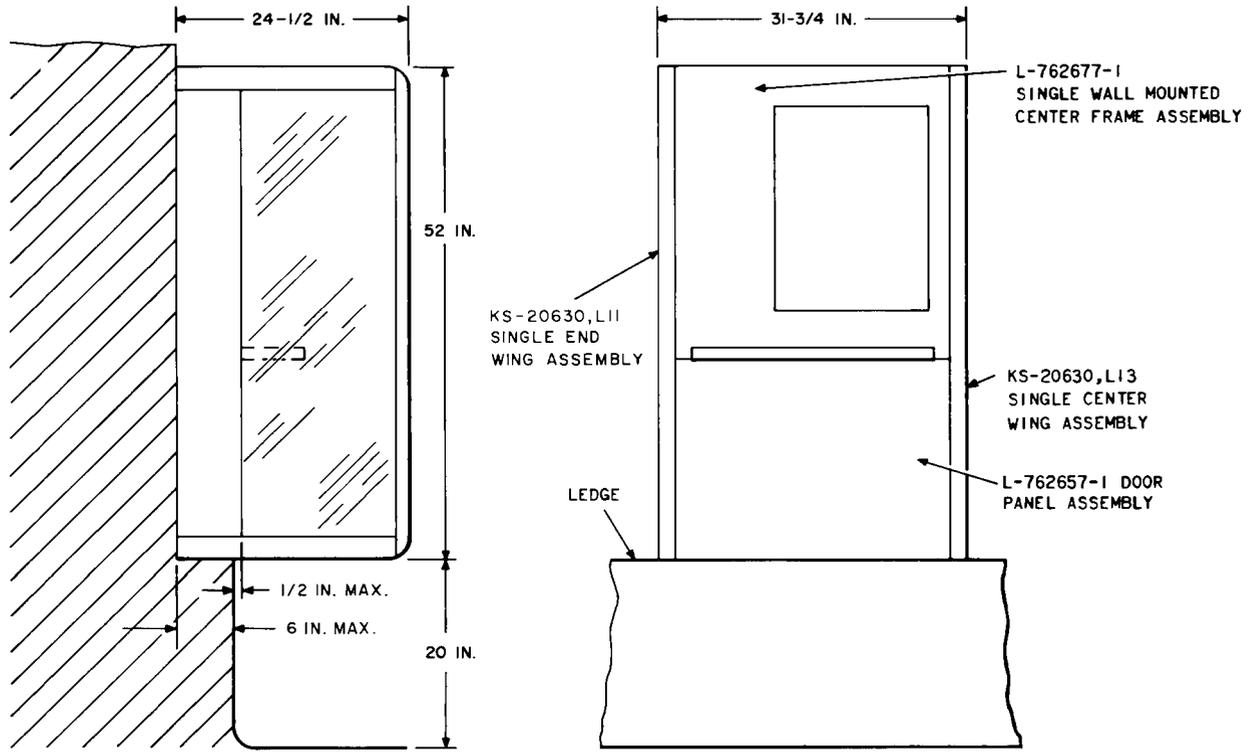


LIST 2

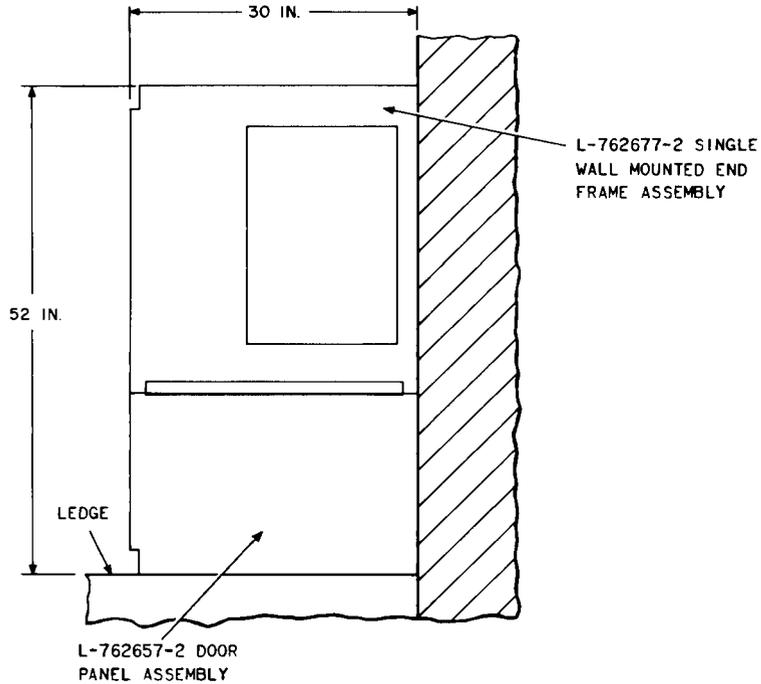


LIST 3

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

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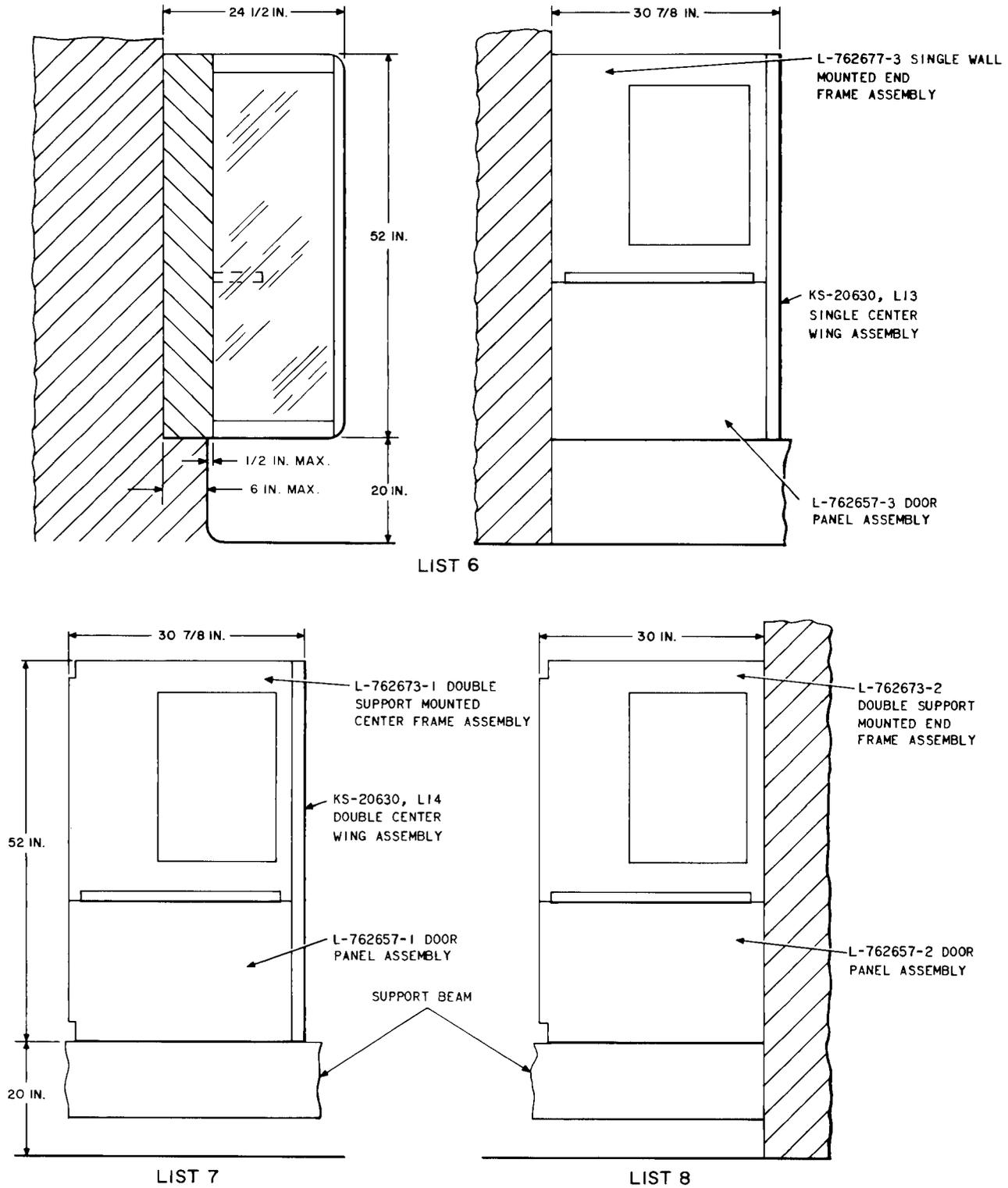
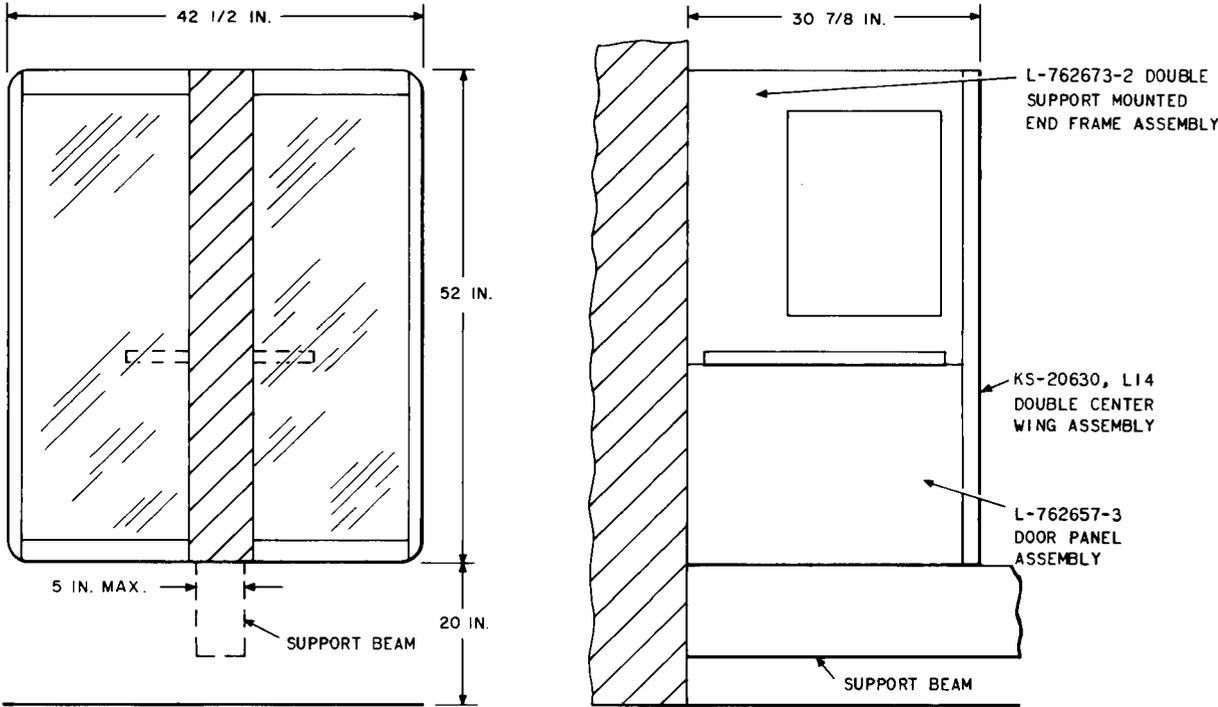
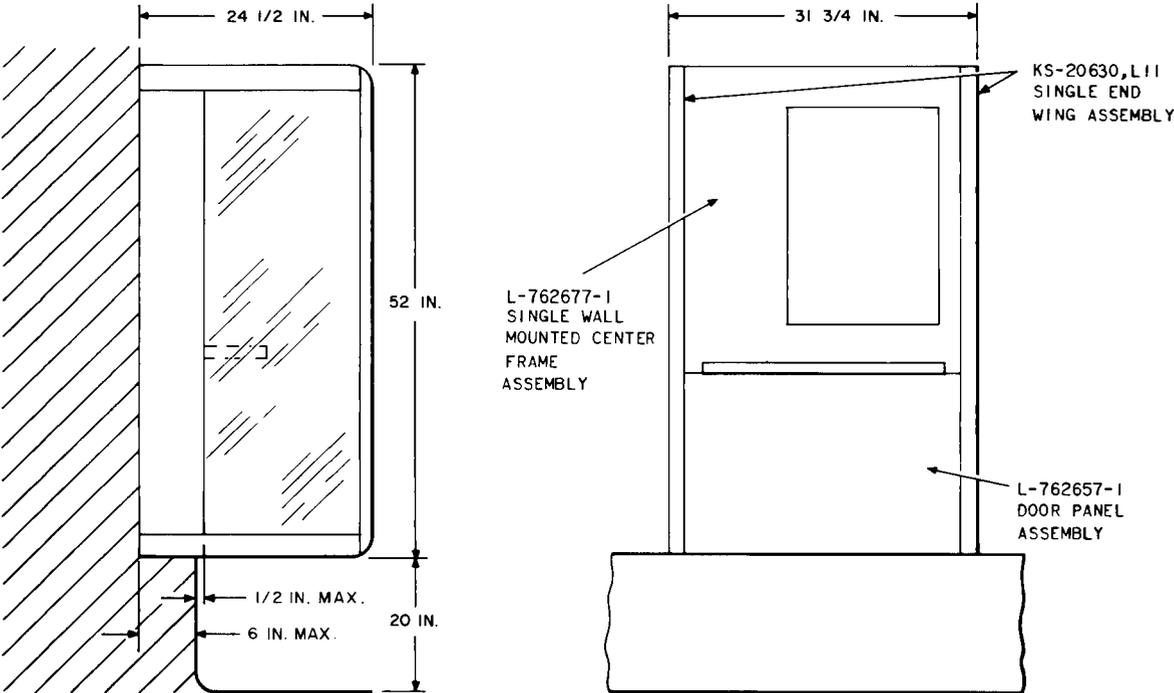


Fig. 4—Layout for KS-20630, List 6, 7, and 8 Units



LIST 9



LIST 10

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

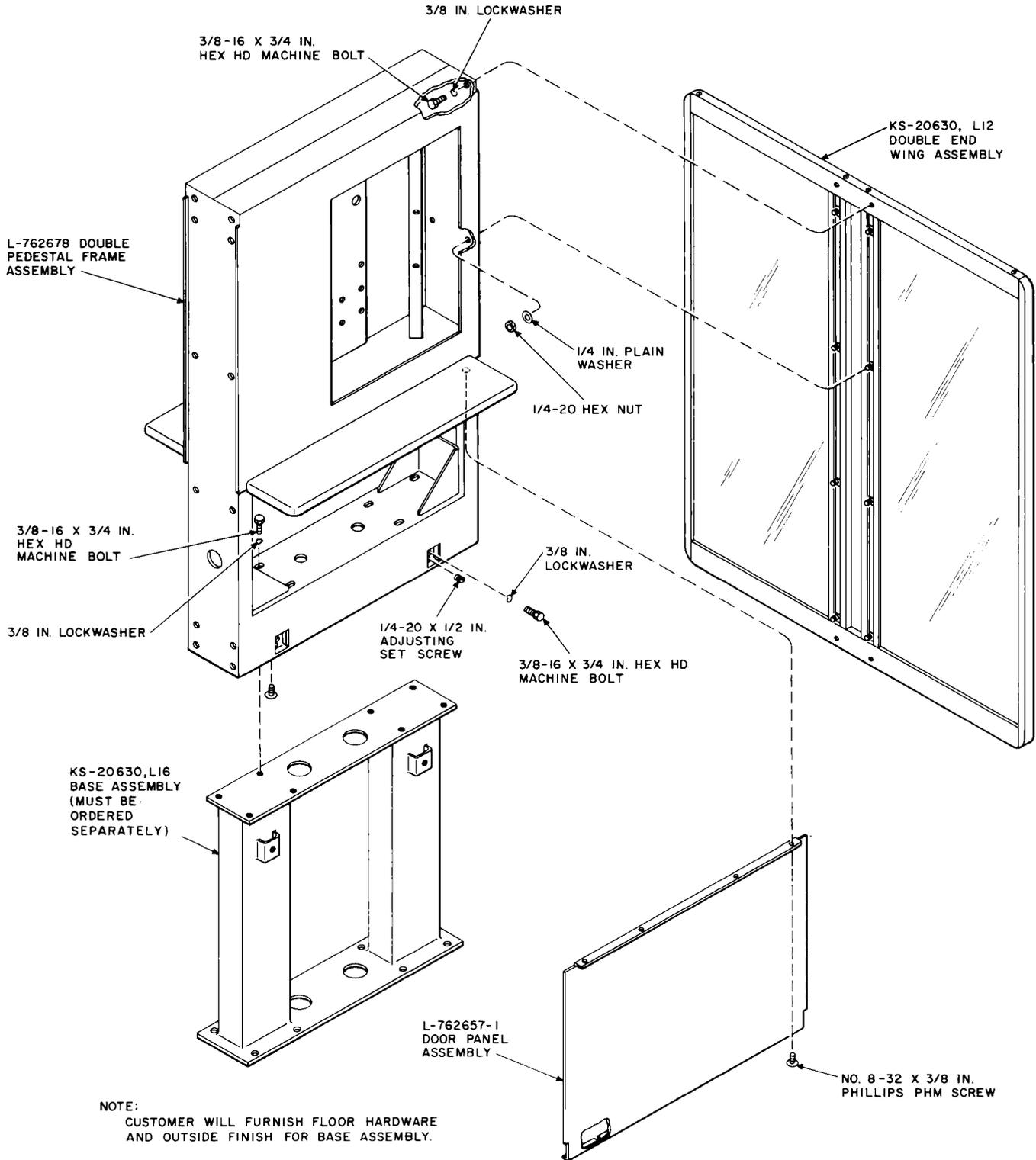


Fig. 6—Partial View of KS-20630 Pedestal Mounted Booth

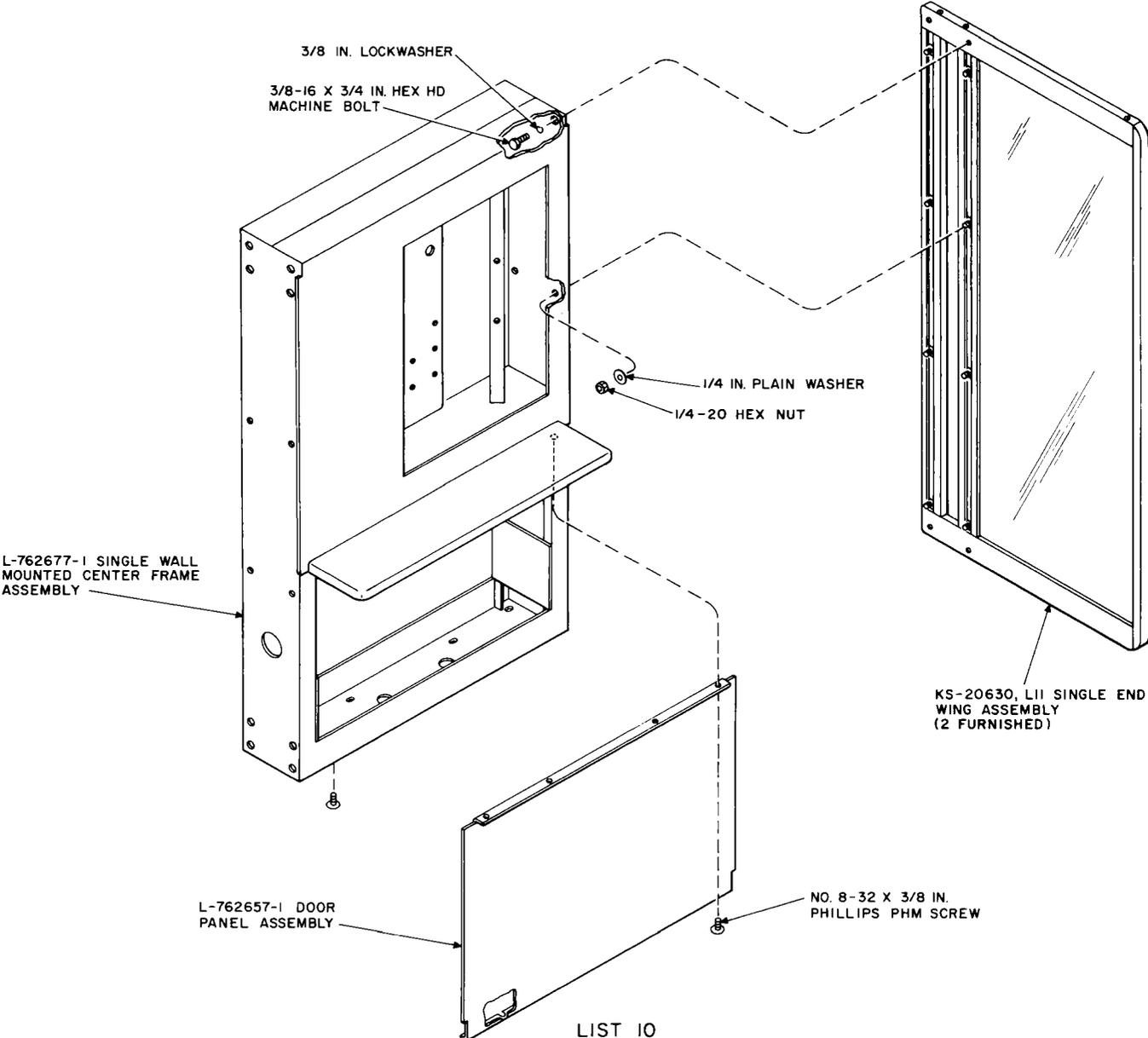


Fig. 7—Partial View of KS-20630 Wall Mounted Booth

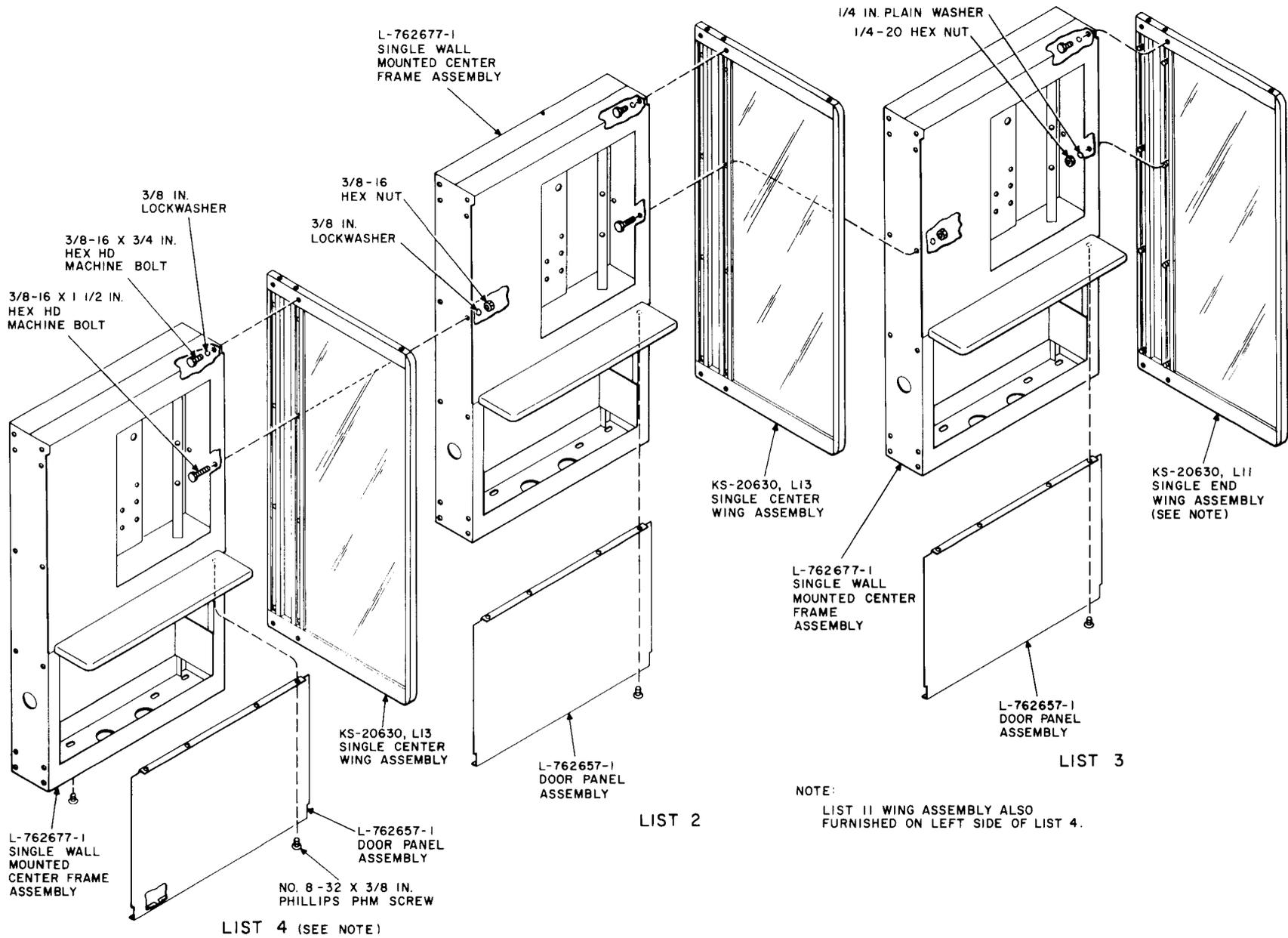


Fig. 8—Multiple Wall Mount With End Wing Assemblies

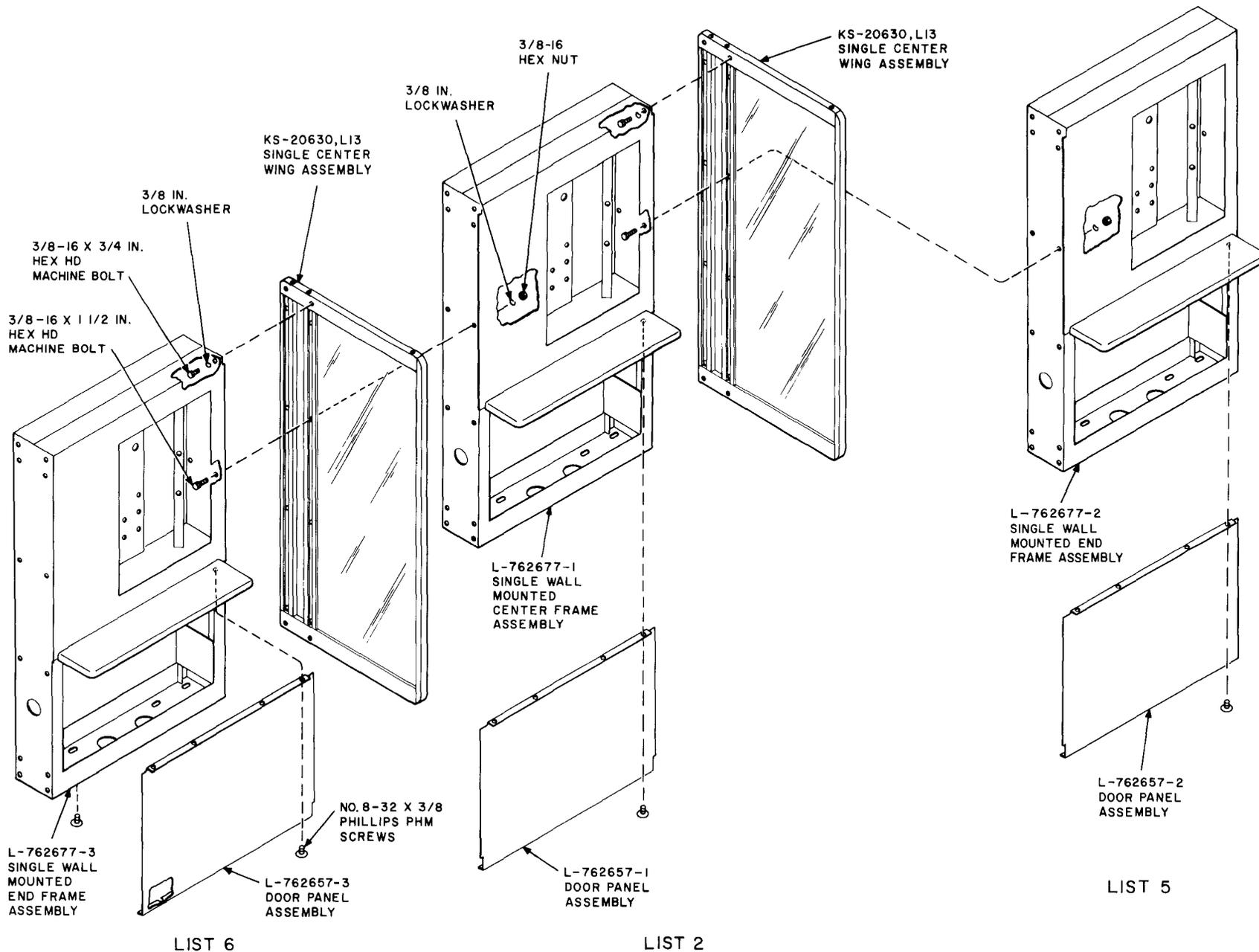


Fig. 9—Multiple Wall Mount Without End Wing Assemblies

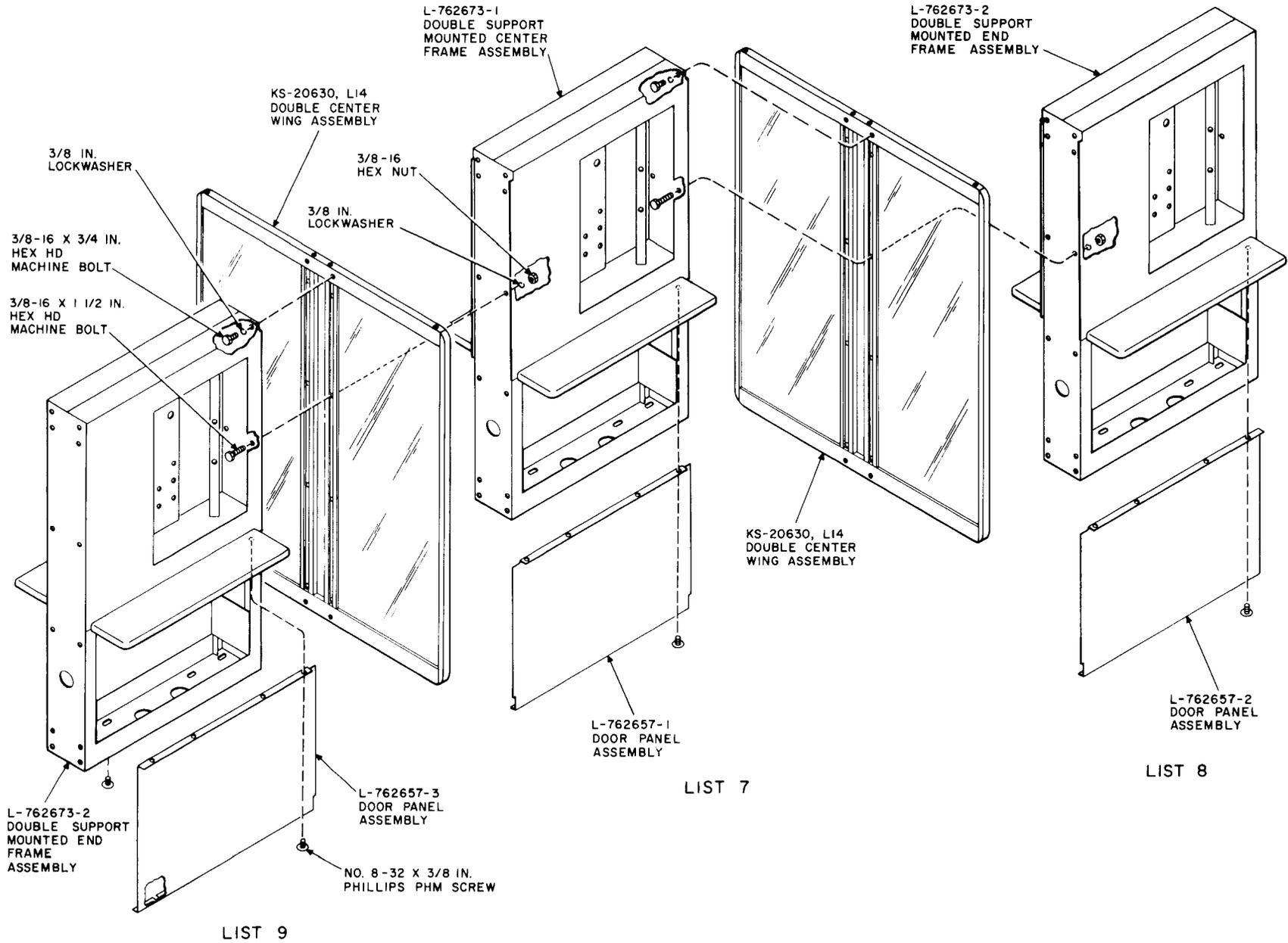


Fig. 10—Partial View of Three KS-20630 Booths Supported Between Two Columns

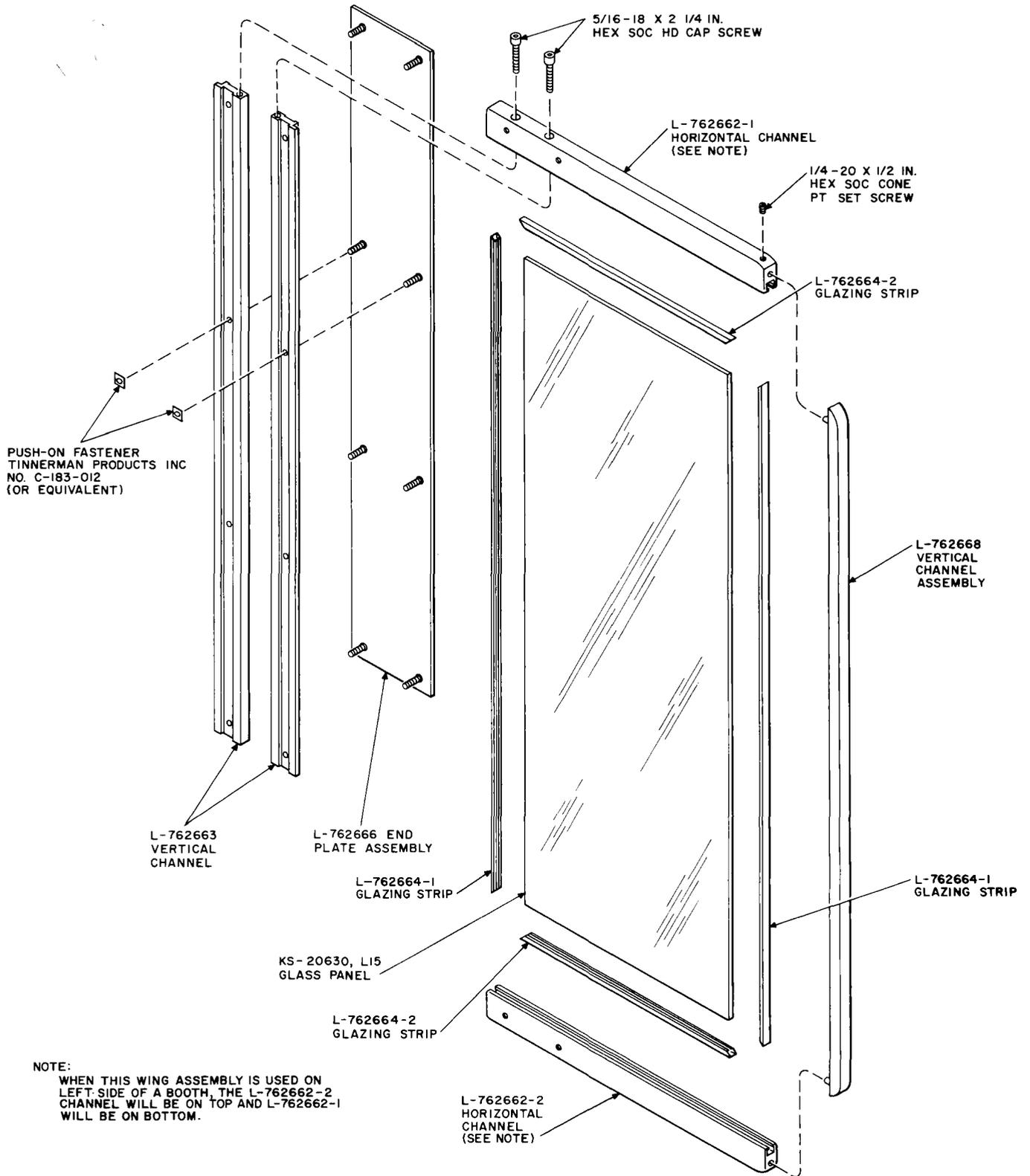


Fig. 11—Exploded View of KS-20630, List 11 Wing Assembly