

## FASTENING AND EQUIPPING

### DROP WIRE ATTACHMENTS

#### 1.00 GENERAL

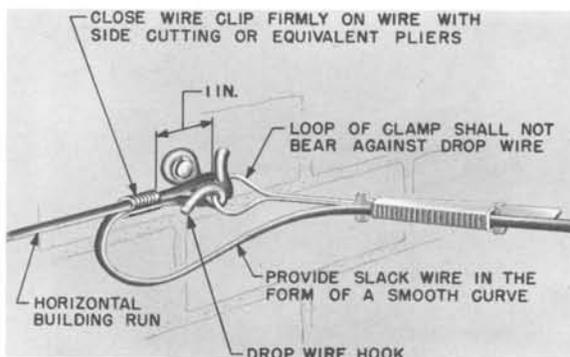
1.01 This section specifies the methods for fastening and equipping first, intermediate, and last attachments for drop and block wire. For the various types of siding, see the point section pertaining to each type.

1.02 When installing galvanized attachments on buildings with aluminum siding in highly corrosive areas (industrial or marine), observe the following:

- Apply a coating of KS-14681, List 1 anti-rust compound to the aluminum siding at the point of contact to prevent corrosive action.
- For method of application refer to the C Section entitled Corrosion and Moisture Inhibitors for Station Apparatus.

1.03 Due to extensive changes, marginal arrows have been omitted.

#### 2.00 TYPICAL FIRST ATTACHMENTS ON BUILDINGS (Fig. 1 through 9)



Note: Locate drop wire hook at least one complete brick from outside corner.

Fig. 1 — First Attachment — Drop Wire Hook

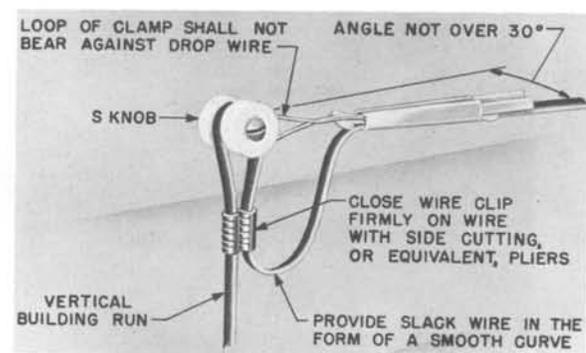


Fig. 2 — First Attachment — S Knob

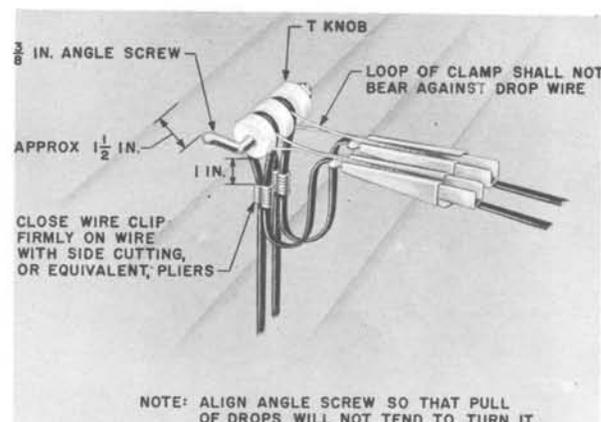
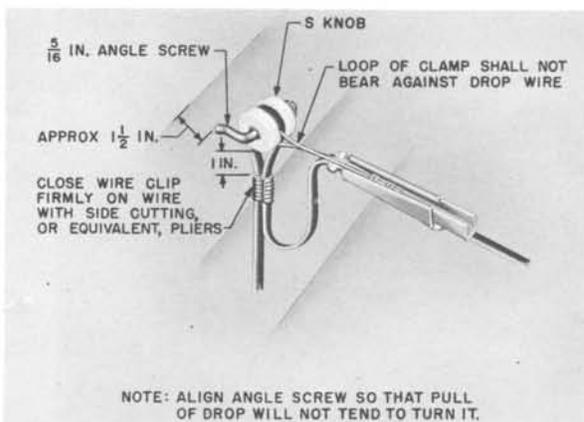


Fig. 3 — First Attachment — Angle Screw (Drop Wire Run in Vertical Direction on Building)

SECTION C23.011.3

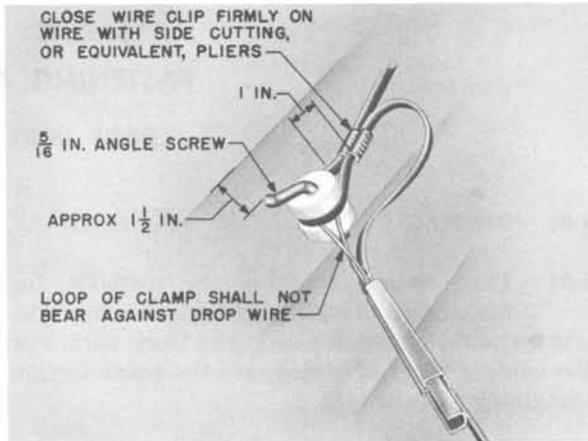
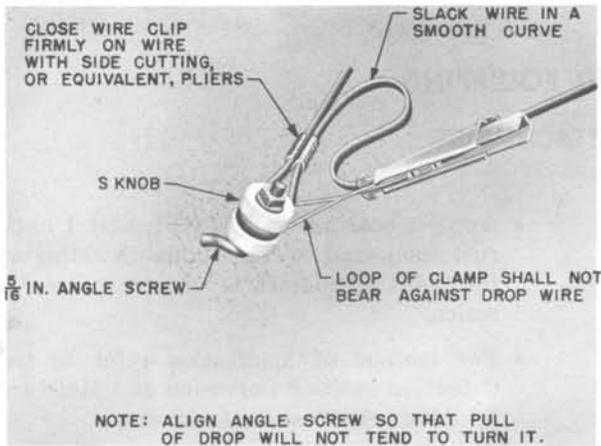


Fig. 4 – First Attachment – Angle Screw (Drop Wire Run in Horizontal Direction on Building)

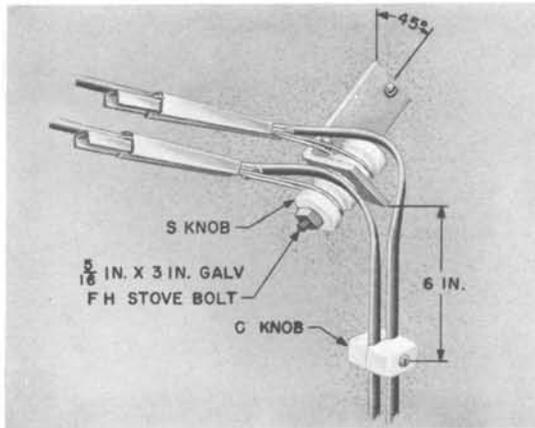
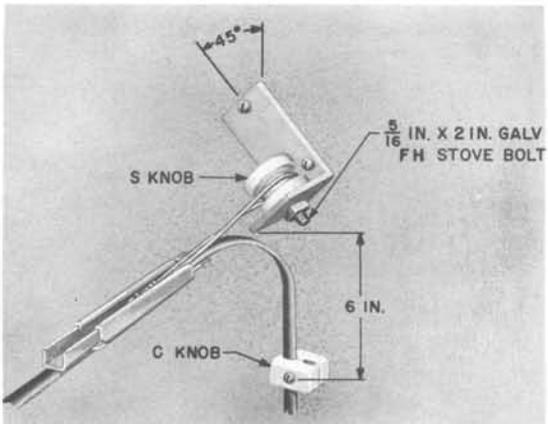
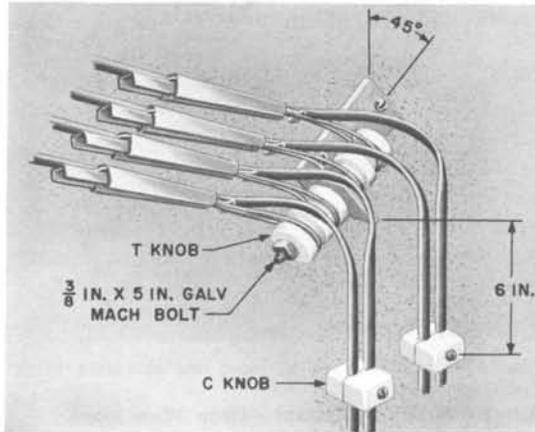
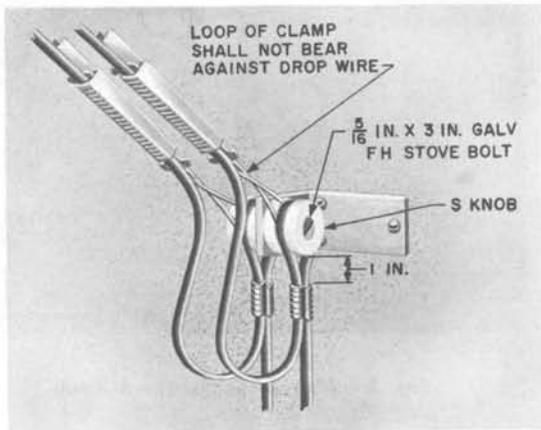
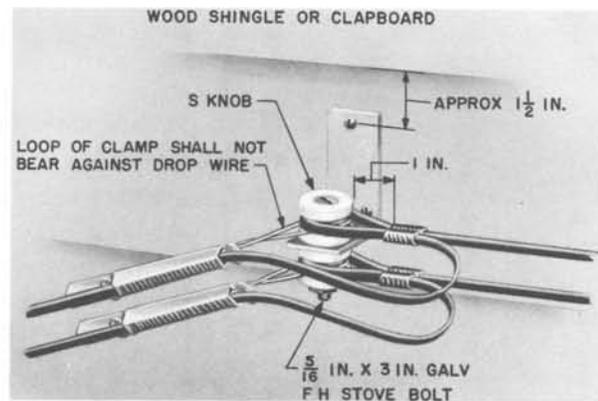
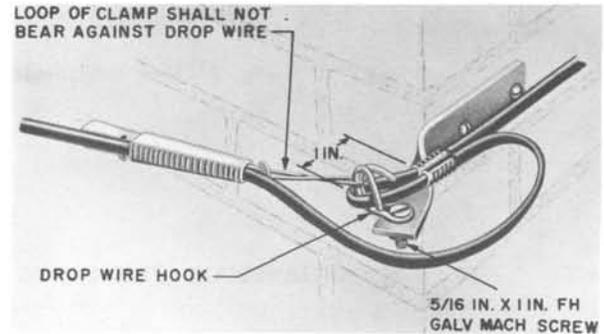
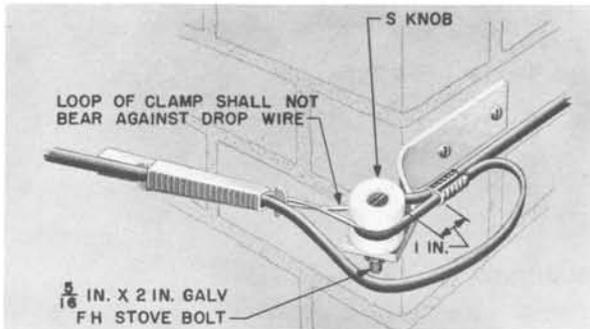


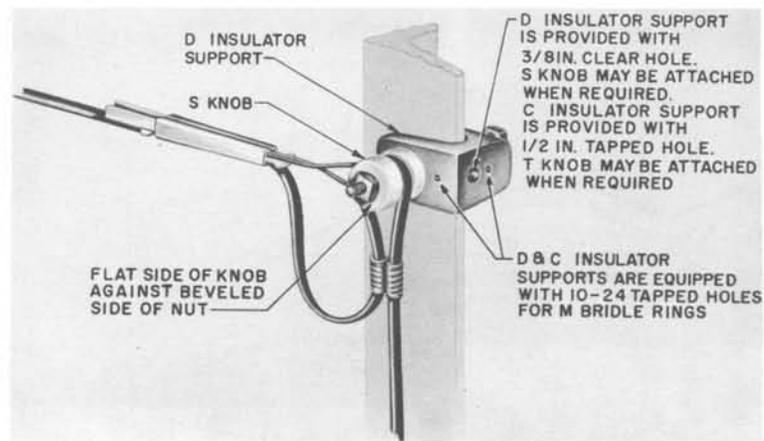
Fig. 5 – First Attachment – House Bracket (Drop Wire Run in Vertical Direction on Building)



**Fig. 6 – First Attachment – House Bracket  
(Drop Wire Run in Horizontal  
Direction on Building)**



**Fig. 7 – First Attachment – Corner Bracket**



**Fig. 8 – First Attachment – D or C Insulator Support**

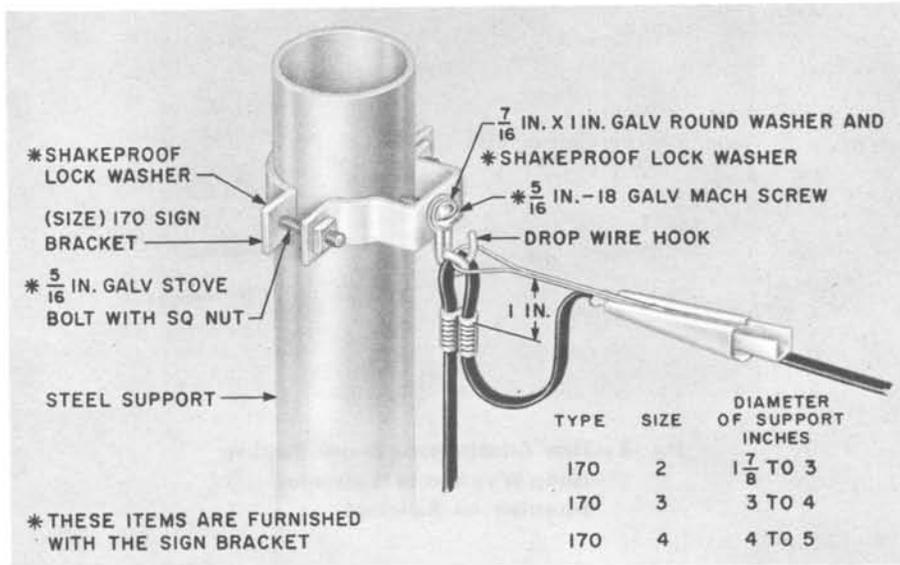


Fig. 9 – First Attachment – Sign Bracket – 170 Type

3.00 INTERMEDIATE ATTACHMENTS ON BUILDINGS (Fig. 10 through 14)

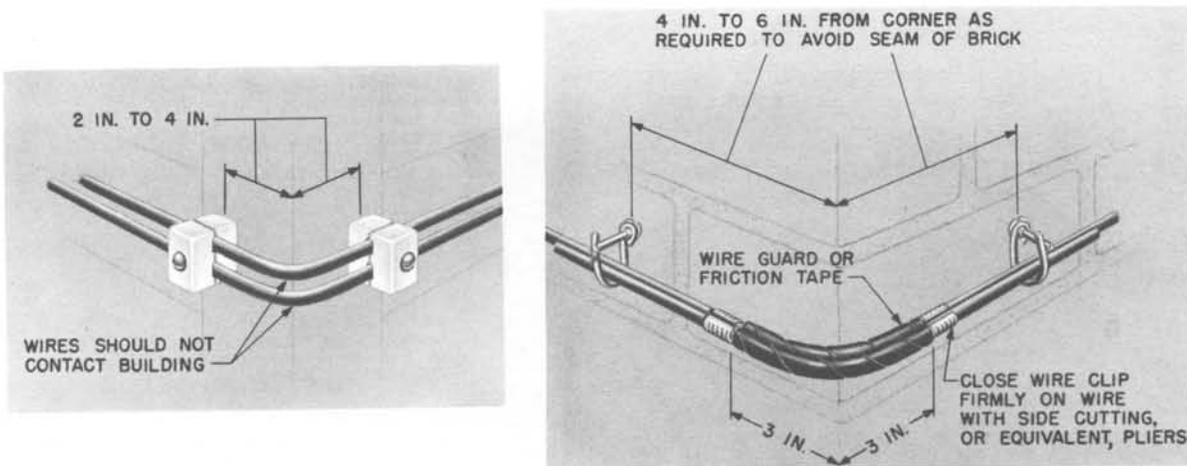


Fig. 10 – Intermediate Building Attachments at Outside Corners

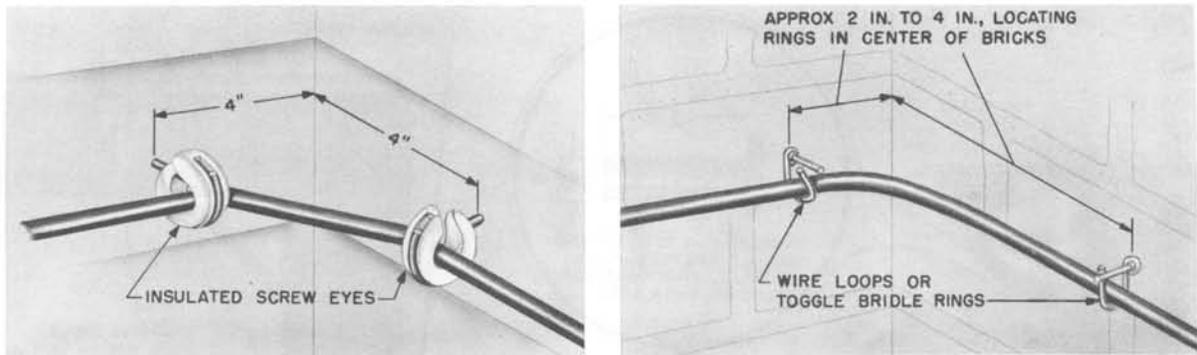


Fig. 11 – Intermediate Building Attachments at Inside Corners

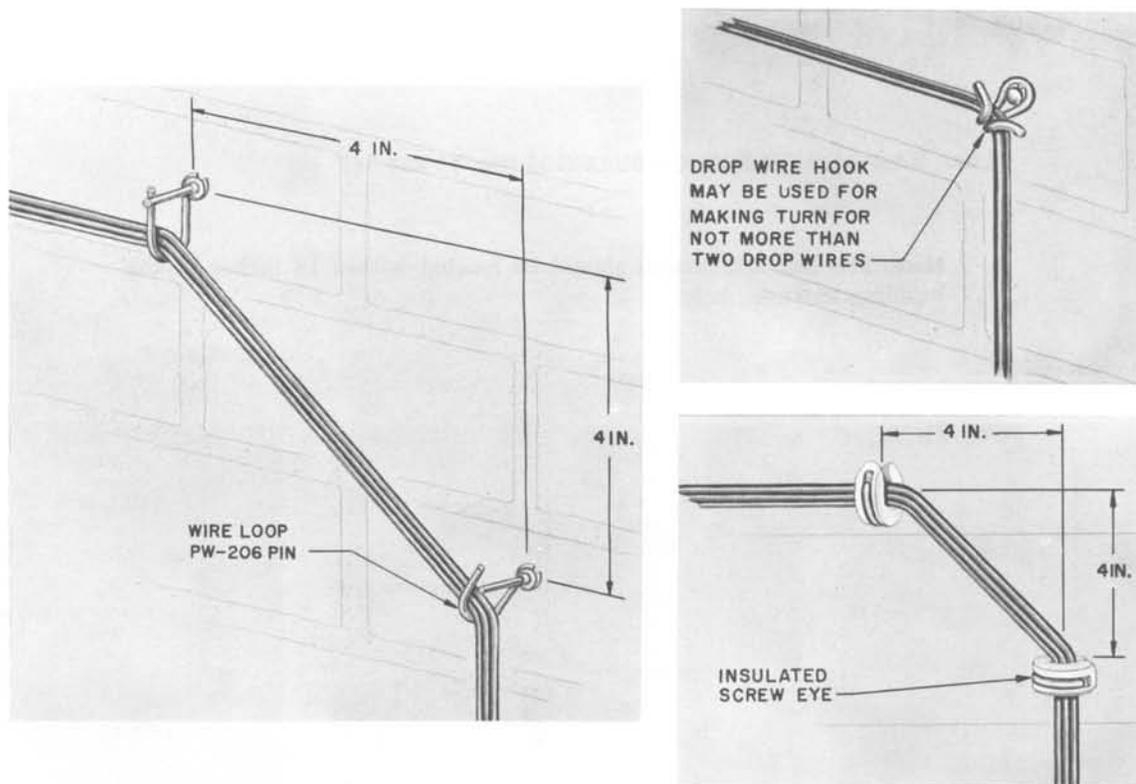


Fig. 12 – Intermediate Building Attachments to Change Direction of Wire Run

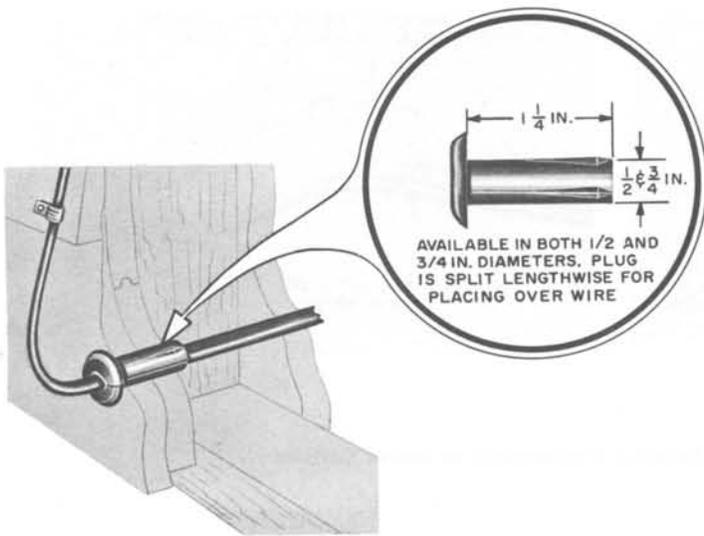


Fig. 13 – Intermediate Attachment – B Entrance Plug

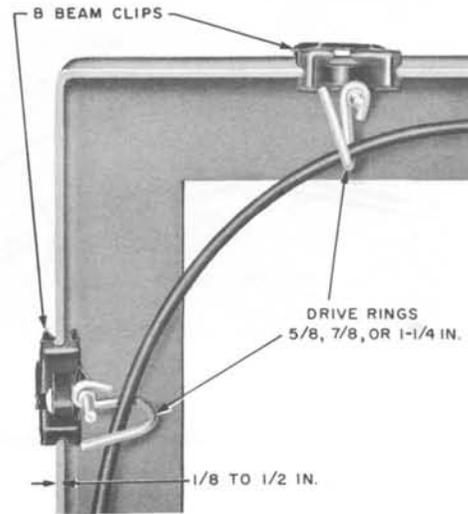


Fig. 14 – Intermediate Attachment – B Beam Clips for Use on Metal Structures

4.00 LAST ATTACHMENTS ON BUILDINGS (Fig. 15 and 16)

**Note:** The last attachment should be located within 18 inches of the building entrance hole.

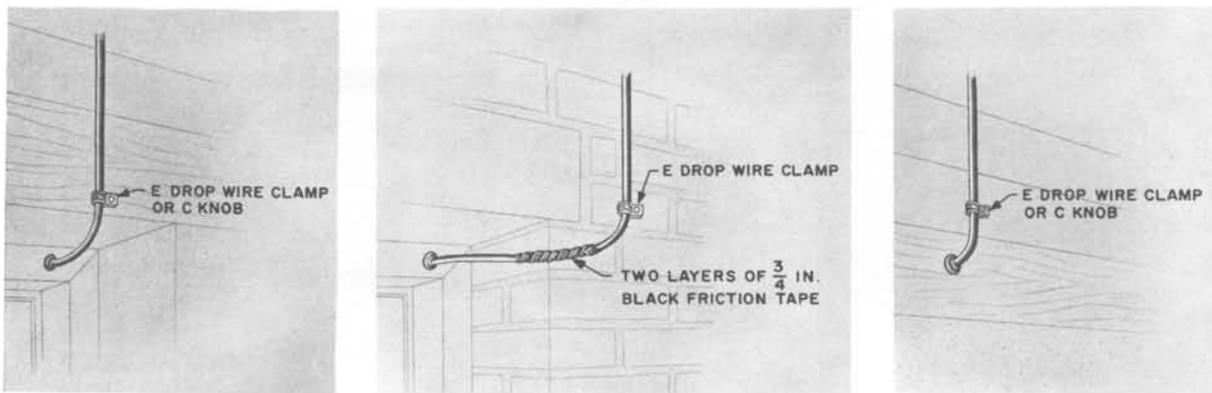


Fig. 15 – Last Attachment (Building Entrance Hole Slopes Upward from Outside)

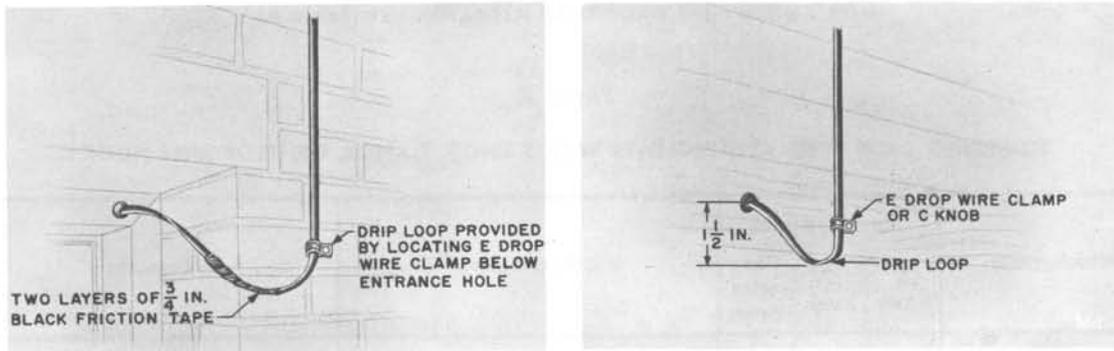


Fig. 16 – Last Attachment (Building Entrance Hole Does Not Slope Upward from Outside)

5.00 DROP AND BLOCK WIRE ATTACHMENTS FOR INSIDE OF BUILDINGS (Fig. 17)

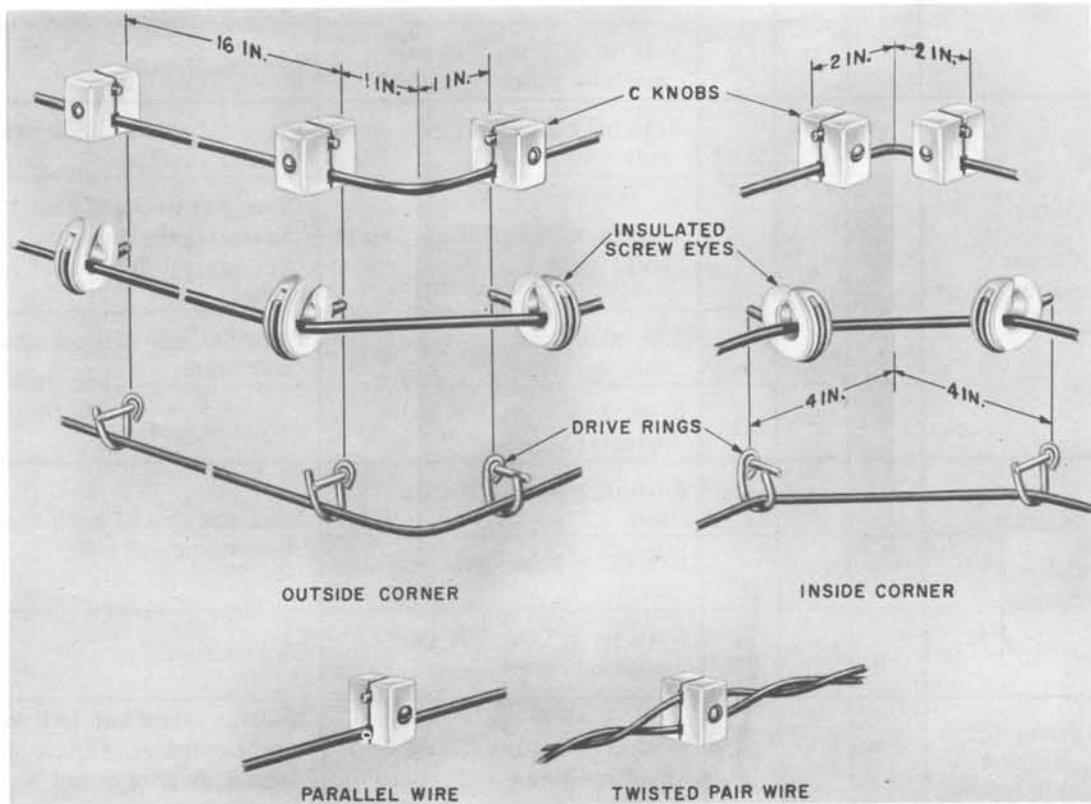


Fig. 17 – Fastening Drop and Block Wire Inside of Buildings

## 6.00 EQUIPPING DROP WIRE ATTACHMENTS (Table A)

TABLE A

## EQUIPPING DROP WIRE ATTACHMENTS WITH S KNOB, T KNOB, OR DROP WIRE HOOK

Attachments		Equipped with			Hardware	Remarks	
		S knob	T knob	Drop wire hook			
Angle screw	5/16 in.	1			Nut furnished	Place flat side of knob against beveled side of nut.	
	3/8 in.		1				
House Bracket		1			5/16 in. x 2 in., FH galv stove bolt	Place flat side of first knob against house bracket.	
		2*			5/16 in. x 3 in., FH galv stove bolt	Place flat side of second knob against beveled side of nut.	
			1		3/8 in. x 3 in., galv machine bolt	Place flat side of first knob against bolt head.	
			2*		3/8 in. x 5 in., galv machine bolt	Place flat side of second knob against nut.	
				1	5/16 in. x 1 in., FH galv machine screw	Obtained locally.	
Corner Bracket		1			5/16 in. x 2 in., FH galv stove bolt	Place flat side of knob against corner bracket.	
		2*			5/16 in. x 3 in., FH galv stove bolt	Place flat side of top knob against bolt head and place nut against flat side of lower knob.	
			1		3/8 in. x 3 in., galv machine bolt	Place flat side of knob against bolt head.	
				1	5/16 in. x 1 in., FH galv machine screw	Obtained locally.	
Insulator Supports		D	1		5/16 in. x 2 in., FH galv stove bolt	Place flat side of knob against beveled side of nut.	
		C		1	3/8 in. x 3 in., galv machine bolt		
		D			1	5/16 in. x 1 in., FH galv machine screw	Obtained locally.
		C					
Sign Bracket 170 type				1	5/16 in. x 3/4 in., RH galv machine screw	Machine screw and lock washers furnished. Obtain 7/16 in. x 1 in. galv round washer locally.	

\* Locate one knob above and one knob below bracket.