Table 6

TYPICAL FASTENING DEVICES FOR STATION WIRES AND GROUNDING CONDUCTORS (9)

TYPE AND GAUGE OF WIRE		APPROX. OVERALL DIAMETER	TYPES OF FASTENING DEVICES FOR VARIOUS TYPES OF BUILDINGS OR WALL FINISHES						
			Hard Woods	Soft Woods	Wallboard, Plaster on Wood, or Metal Lath, or Concrete Block(3)	Brick, Stone or Concrete(3)	Shingles and Siding(4)	Sheet Metal(5)	Wall Tile(3)
#22 AWG Station Wire		.125 in. to .155 in.	A1, D7, E1, F1, G1	A2, A3, D8, E2, F2, G2	D8, D9, E2, E3, G2, G3	D8, E2, G2	A2, A3, D7, D8, E2, F2	D7, D8, D9, G1, G2, G3, H1	D8, D9, E2, E3, G2, G3, H1
GROUNDING CONDUCTOR	#10 AWG Insulated Wire	.168 in.	A1, B1, D1	A2, A3, B1, B2, D2	B2, D2, D3	B2, D2	A2, A3, B1, B2, D1, D2	D1, D2, D3, H2	B2, D2, D3, H2
	#12 AWG Insulated Wire	.127 in.	A1, B1, C1, E1, F1, D7, G1	A2, B1, B2, C1, C2, D8, E2, F2, G2	B2, C2, C3, D8, D9, E2, E3, G2, G3	B1, B2, C2, D8, E2, E3, G2	A2, A3, B1, B2, C1, C2, D8, E2, F2, G2	C1, C2, C3, D7, D8, D9, E1, E2, E3, G1, G2, G3, H1	B2, B3, C3, D8, D9, E2, E3, G2, G3, H1
	#6 AWG Insulated Wire	.290 in.	A2, A3, B1, D4	A3, B2, D5	B2, D5, D6	B2, D5	A3, B2, D5	D4, D5, D6, H3	B2, D5, D6, H3

EXPLANATION OF FASTENER CODES

A. Staple Machine, Round Crown, Interior Use Only – (Note 6)

1. 3/16" or 1/4" Crown – 3/8" Leg
2. 3/16" or 1/4" Crown – 7/16" or 9/16" Leg
3. 3/16" or 1/4" Crown – 9/16" Leg

B. Nail, Ground Wire, Single Shank Galvanized, Interior and Exterior Use

1. 7/8" #14
2. 1–3/8" #13

C. Clamp, Ground Wire, One Hole, Galvanized, Interior and Exterior Use

1. Type B–1/2" x #6 RH Screw (1)
2. Type B–3/4" x #6 RH Screw (1)
3. Type B–1/8" x 3" Toggle Bolt (2)

D. Clamp, One Hole Offset, Galvanized or Enameled, Interior and Exterior Use – (Note 7)

Wire Size Min.	Wire Size Max.	Fasteners (1), (2)
1. 5/32"	to 7/32"	1/2" x #6 RH Screw
2. 5/32"	to 7/32"	3/4" x #6 RH Screw
3. 5/32"	to 7/32"	1/8" x 3" Toggle Bolt
4. 1/4"	to 5/16"	1/2" x #6 RH Screw
5. 1/4"	to 5/16"	1" x #6 RH Screw
6. 1/4"	to 5/16"	1/8" x 3" Toggle Bolt
7. 1/8"	to 5/32"	1/2" x #6 RH Screw
8. 1/8"	to 5/32"	3/4" x #6 RH Screw
9. 1/8"	to 5/32"	1/8" x 3" Toggle Bolt

E. Clamp, Station Wiring, One Hole, Galvanized or Enameled, Interior and Exterior Use – (Note 7)

1. Type B–1/2" x #6 RH Screw (1)
2. Type B–3/4" x #6 RH Screw (1)
3. Type B–1/8" x 3" Toggle Bolt (2)

F. Nail, Station Wiring, Galvanized or Enameled, Interior and Exterior Use – (Note 7)

1. Type B – 1/2"
2. Type B – 7/8"

G. Clamp, One Hole Double – (Note 8)

Wire Size Min.	Wire Size Max.	Fasteners
1. Two 1/8"	to 5/32"	3/4" x #6 RH Screw(1)
2. Two 1/8"	to 5/32"	1" x #6 RH Screw(1)
3. Two 1/8"	to 5/32"	1/8" x 3" Toggle Bolt(2)

H. Station Wire Clip, Adhesive Backed, Interior Use Only –

Wire Size

1. 1/8" Nominal
2. 3/16" Nominal
3. 1/4" Nominal