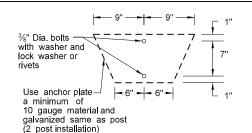
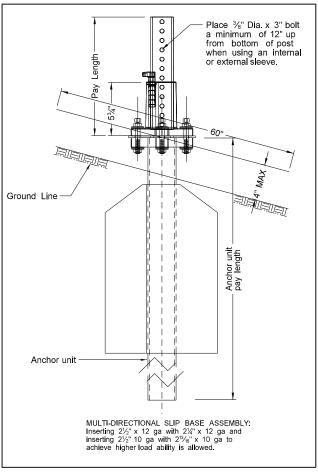
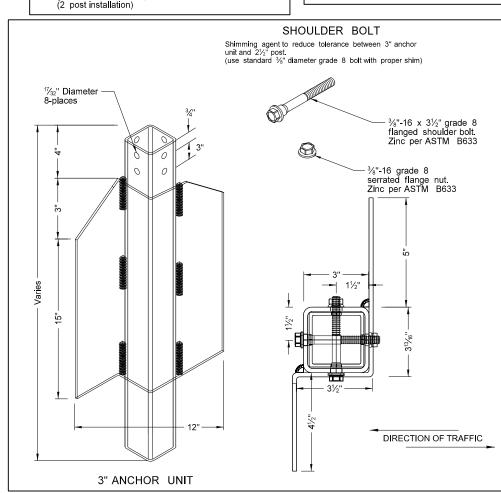
	Telescoping Perforated Tube						
Number of Posts	Post Size In.	Wall Thick- ness Gauge	ln.	Wall Thick- ness Gauge	Slip Base	Anchor Size Without Slip Base In.	Wall
1	2	12			No	21/4	12
1	21/4	12			No	21/2	12
1	21/2	12			(B)	3(C)	7
1	21/2	10			Yes		7
1	21/4	12	2½(D)	12	Yes		7
1	21/2	12	21/4	12	Yes		7
2	21/2	10			Yes		7
2	21/4	12	2½(D)	12	Yes		7
2	21/2	12	21/4	12	Yes		7
3 & 4	21/2	12			Yes		7
3 & 4	21/2	10			Yes		7
3 & 4	21/2	12	21/4	12	Yes		7
3 & 4	21/4	12	2½(D)	12	Yes		7
3 & 4	21/2	10	23/16	10	Yes		7

- (B) Provide a shim as specified by the manufacturer when placing 2½", 12 gauge posts in standard soils without breakaway bases. Provide breakaway base when placing the support in weak soils. The Engineer will determine if the soils are weak. Weak soils are classified as boggy, wet, or loose soil areas.

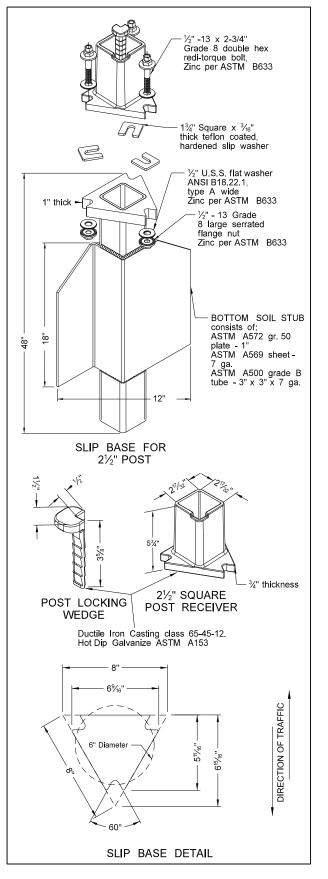
 (C) - 3" anchor unit
 (D) - 2½" x 12 ga. x 18" minimum length external







Mounting Details Perforated Tube



Properties of Telescoping Perforated Tubes

Size 1.702 0.129 1½ x 1½ 0.105 12 0.380 0.172 2.416 0.372 0.590 0.372 2 x 2 0.105 12 2¼ x 2¼ 0.105 12 2.773 0.561 0.695 0.499 2³/₁₆ x 2³/₁₆ 0.135 10 3.432 0.605 0.841 0.590 2½ x 2½ 0.105 | 12 | 3.141 | 0.804 | 0.803 | 0.643 2½ x 2½ 0.135 10 4.006 0.979 1.010 0.783

The 2 $^3\!/_6$ " size 10 gauge is shown as 2.19" size on the plans; The 2 $^1\!/_2$ " size is shown as 2.51" size on the plans.

D-754-24

NOTE:

- 4" Vertical clearance of anchor or breakaway base. The 4" x 60" measurement is above and below post
- The 4" x 60" measurement is above and below post location and also back and ahead of post.

 2. Provide 7 guage HRPO commmercial quality ASTM A569 and 3" x 3" x 7" guage ASTM A500 grade B anchor material with 43.9 KSI yield strength and 59.3 KSI tensile strength. Hot dip galvanize anchor per ASTM A123/153. Tolerances on anchor unit and slip base bottom assembly are +/- 0.005" unless ortherwise noted.
- Eliminate wings when anchor is used in concrete sidewalk Provide a minimum 8' distance between the first
- and fourth post on four post signs. Install in accordance with manufacturers recommendation. Use a minimum $\frac{1}{2}$ " diameter x 4" grade 8 concrete
- fastener for surface mount breakaway base.

