

## General Specifications:

Post: 1/8" walled 6" x 6" aluminum with special angle cut top with finished cap.

Sign Face: 1/4" thick aluminum plate sandwiched between extension arms and through bolted with stainless steel treaded rod and SS acorn nuts. Locktite applied to inner threads.

Extension arm: 1/4" walled 6" x 6" aluminum angle welded to post. horizontal blade to be ripped down to fit within the width of the post and to accommodate sign face sandwiched between extension arm angles. **See detail D**  
"Tail" to be fabricated the same and welded to opposite side of post at same horizontal aspect as extension arms.

Tension rod: 1/2" solid aluminum rod with flat plate aluminum tabs welded to both ends. Holes drilled through tabs to allow for bolts. Through bolted with stainless steel treaded rod and SS acorn nuts at collar A and extension arm bracket locations. Locktite applied to inner threads.  
**See detail C**

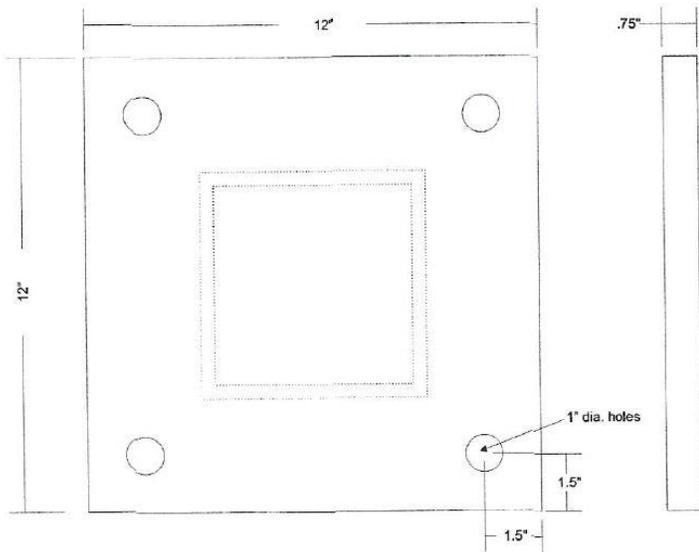
Collar A: 1/4" solid aluminum flat plate welded into a collar which will slide snugly over post and to be secured to post with tamper proof screws (countersunk) Aluminum tabs welded to collar to allow tension rod tabs to fit between and holes drilled through to allow for bolts. **See detail A**

Collar B: 1/4" solid aluminum flat plate welded into a collar which will slide snugly over post and to be secured to post with tamper proof screws (countersunk). An aluminum fin welded to collar to brace sign face. Through bolted with stainless steel treaded rod and SS acorn nuts. Locktite applied to inner threads. **See detail B**

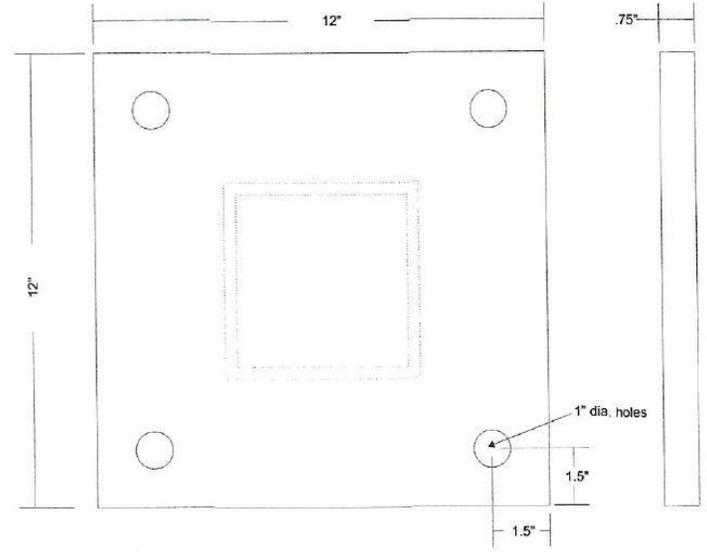
Breakaway plate: 3/4" solid aluminum flat plate welded to base of post at a 9 degree angle. Low point of angle to face on coming traffic and to be determine by physical site visit. Orientation of angle to be found at "base plate orientation schedule" page.  
**See detail E**

All seams to be filled and finished to clean appearance.

All surfaces to be sanded to 300 grit, primed with self etching primer and finished with two coats Mathews brand polyurethane paint or approved equivalent.



6" post



5" post

**General Specifications:**

Breakaway Plate: 3/4" solid aluminum flat plate welded to base of post at a 9 degree angle. Low point of angle to face on coming traffic an to be determine by physical site visit. Orientation of angle to be found at "base plate orientation schedule" page.

All seams to be filled and finished to clean appearance.  
 All surfaces to be sanded to 300 grit, primed with self etching primer and finished with two coats Mathews brand polyurethane paint or approved equivalent.