FABRICATION AND INSTALLATION NOTES:

1. Verify all clearances, tolerances and dimensions before fabrication.
2. Cut part 1 to 3'-6".
3. Wrap the Shell Stencil around the bottom of part 1. Provide 2'-9 5/8" between the top of part 1 and the points of the stencil.
4. Scribe and cut out the steel below the stencil.
5. Create the tapered portion of the shell by heating the area at the base of each flap and bend each flap inward. Each adjacent flap should be touching.
6. Weld the flaps together and grind the tapered surface smooth.
7. After welding, hot dip galvanize all steel items except screws, bolts, and nuts noted to be stainless steel or zinc plated, and the spring (Part 4). Galvanize bolts, nuts and washers in accordance with ASTM A153. Galvanize all other items in accordance with ASTM A123.
8. Create the weight assembly by inserting part 6 into the threaded hole of part 3.
9. Create the cap assembly by inserting part 7 through the threaded hole of part 2 to where part 5 can be attached to part 7.
10. Create the cap/spring/weight/assembly by attaching one end of part 4 to part 7 and the other end of part 4 to part 6.
11. Lower the cap/spring/weight assembly into part 1.
12. Through the hole at the bottom of part 1, adjust part 7 so that the cap assembly until the bottom of part 3 is 2' from the bottom of part 1. (Note: part 3 must be vertical when making the 2' measurement and the 3 weight and spring combination needs to be at rest).
13. Match the holes in part 1 with those from part 2. Fasten them together with part 8 (4 places).
14. Tighten part 5 against part 2.
15. Cut off portion of part 7 remaining above part 5.
16. Choose the appropriate diameter U-bolt (Part 9) based on the structure’s pipe arm diameter.
17. Install damping device within eight feet of the Mast Arm tip.