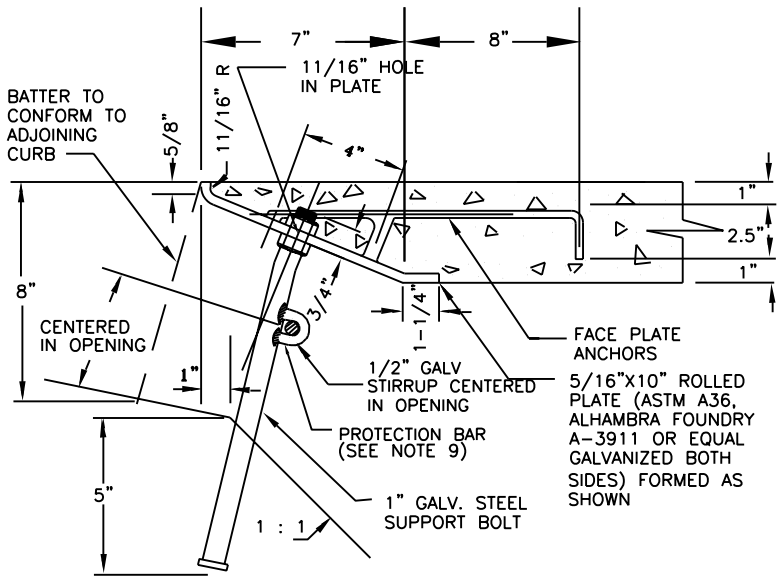
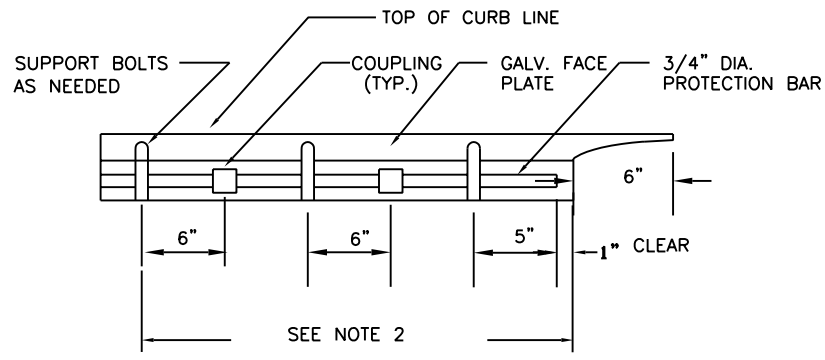


NOTES:

1. ONE SUPPORT BOLT SHALL BE PLACED 12 INCHES FROM EACH END OF FACE PLATE.
2. SUPPORT BOLTS SHALL BE SYMMETRICALLY SPACED IN THE CURB OPENING SO THAT THE UNSUPPORTED SPAN IS NOT MORE THAN 4 FEET.
3. ONE COUPLING SHALL BE PLACED 6 INCHES TO THE RIGHT OR LEFT OF EACH SUPPORT BOLT WITH THE EXCEPTION OF THE LAST SUPPORT BOLT. COUPLINGS SHALL BE THREADED TO FACILITATE REMOVAL OF PROTECTION BAR.
4. SUPPORT BOLTS SHALL BE INSTALLED IN ALL CATCH BASINS AND SPACED AS SHOWN IN THE PROTECTION BAR DETAIL.
5. FACE PLATE ANCHORS SHALL BE UNIFORMLY SPACED NOT TO EXCEED 4 FEET- 0 INCHES O.C. AND SHALL BE PLACED 4 1/2 INCHES FROM EACH END OF THE FACE PLATE.
6. A COUPLING MAY BE OMITTED PROVIDED THE PROTECTION BAR IS REMOVABLE AFTER INSTALLATION.
7. ALL METAL SHALL BE GALVANIZED AFTER FABRICATION.
8. SUPPORT BOLTS AND ANCHORS MAY BE ATTACHED BY A FULL PENETRATION BUTT WELD AS AN ALTERNATE SOLUTION.
9. PLACE 3/4 INCH DIAMETER PROTECTION BAR (ALHAMBRA FOUNDRY A-1564 OR EQUAL) HORIZONTALLY ACROSS THE ENTIRE LENGTH OF THE CURB OPENING. ONE PROTECTION BAR REQUIRED FOR 9 INCHES OR LESS OPENING AND TWO BARS FOR OPENINGS IN EXCESS OF 9 INCHES.
10. HEIGHT OF OPENING WILL VARY AS SHOWN ON STANDARD PLAN NO. 303.
11. THE WORDS "NO DUMPING, DRAINS TO OCEAN" SHALL BE STENCILED ON TOP OF THE CATCH BASIN INLET WITH 2 INCH LETTERS USING BLACK EPOXY PAINT. ANY VARIATIONS MUST BE APPROVED BY THE CITY ENGINEER.



BOLT AND ANCHOR DETAIL FOR FACE PLATE



PROTECTION BAR DETAIL

| LENGTH OF CURB OPENING | # OF ANCHORS |
|------------------------|--------------|
| 3'-6" | 2 |
| 7'-0" | 3 |
| 10'-0" | 4 |
| 14'-0" | 5 |
| 21'-0" | 7 |

REVISIONS

CITY OF IRVINE

STANDARD
PLAN No.

CATCH BASIN DETAILS
FOR STREETS WITH TYPE "D" CURB & GUTTER

302A

Approved by: Mark L. Carroll R.C.E. 31515
City Engineer

Date: 8-11-00

Sheet 1 of 1