



Note  
 "S" IS THE SHORTEST DISTANCE BETWEEN THE SILL OF THE CATCH BASIN AND THE CENTER OF THE NEAREST PROTECTION BAR. SEE NOTE ⑤

NOTES (SHOWN ON CATCH BASIN STD. DWG.)

- ① SUPPORT BOLT ANGLE "A" SHALL VARY TO CONFORM WITH BATTER OF ADJOINING CURB.
- ② PROTECTION BAR SHALL BE INSTALLED, AND SUPPORT BOLTS SPACED, ACCORDING TO LACFCO, STD. DWG. 2-D175
- ③ SUPPORT BOLTS SHALL BE EQUAL IN LENGTH TO THE CURB FACE +4"± FOR ALL CURB BATTERS.
- ④ ALL EXPOSED METAL PARTS SHALL BE GALVANIZED AFTER FABRICATION.
- ⑤ PROTECTION BAR SPACING - PROTECTION BAR(S) SHALL BE INSTALLED WHEN THE MINIMUM CLEAR OPENING OF THE CATCH BASIN EXCEEDS 6". BAR(S) SHALL BE PLACED SUCH THAT NO MINIMUM CLEAR OPENING EXCEEDS 6".  
 WHEN ONE BAR IS REQUIRED, "S" SHALL BE 6 3/8", HOWEVER, THIS SHALL BE REDUCED, IF NECESSARY, SO THAT THE CENTER OF THE PROTECTION BAR IS NOT LESS THAN 2 1/2" FROM THE ROLLED PLATE.  
  
 WHEN TWO OR MORE BARS ARE REQUIRED, "S" SHALL BE 6 3/8", WITH REMAINING BARS SPACED AT 6 3/4" C.C. THE SPACING OF THE TOP BAR SHALL BE REDUCED, IF NECESSARY, SO THAT THE CENTER OF THE BAR IS NOT LESS THAN 2 1/2" FROM THE ROLLED PLATE.
- ⑥ WHERE CATCH BASINS ARE TO BE CONSTRUCTED ON CURVES, THE MAXIMUM CHORD LENGTH FOR FACE PLATE SHALL BE SUCH THAT THE MAXIMUM DIMENSION FROM SAID CORD (MEASURED PERPENDICULAR THERETO) TO THE TRUE CURVE WILL NOT EXCEED ONE INCH. WHERE MORE THAN ONE CHORD IS REQUIRED, CHORD LENGTHS SHALL BE EQUAL.
- ⑦ WHEN LENGTH OF FACE PLATE IS BETWEEN 22' AND 43', TWO SECTIONS MAY BE USED. WHEN LENGTH EXCEEDS 43', THREE SECTIONS MAY BE USED. SECTIONS SHALL BE SPLICED ACCORDING TO THE SPLICE DETAIL. SPLICES SHALL BE PLACED ONE FOOT FROM SUPPORT BOLT.
- ⑧ LENGTH OF FACE PLATE IS W+12" FOR ALL CATCH BASINS.
- ⑨ CURB FACE SHALL BE AS SHOWN ON THE GENERAL PLAN.
- ⑩ SPACING OF ALL ANCHORAGE  
 A. SET END ANCHORS 3" FROM ENDS OF FACE PLATE.  
 B. PLACE ONE ANCHOR AT EACH SIDE OF ANY AND ALL SPLICE JOINTS AND WITHIN 6" THEREOF.



APPROVED BY:				
<i>John P. Sullivan</i>		24079 8/08/06		
JOHN P. SULLIVAN CITY ENGINEER		RCE DATE		
RECOMMENDED:				
<i>Jim Mann Mach</i>		33340 8/07/06		
JIM MANN MACH		RCE DATE		
REV	DESCRIPTION	BY	APP'D	DATE

CITY OF ONTARIO	
DETAIL OF CATCH BASIN OPENING	STANDARD DRAWING NUMBER
3006	