



## NOTES

- ① DESIGNATION - CATCH BASIN No. 6 SHALL BE CASE "A" WITH ONE GRATE, UNLESS OTHERWISE SHOWN ON THE PLAN.
- ② GRATINGS - ADDITIONAL GRATINGS MAY BE SPECIFIED AS REQUIRED. GRATINGS AND SUPPORT ASSEMBLIES ARE TO BE POSITIONED AS REQUIRED BY STD. DWGS 3001 AND 3005.
- ③ CONCRETE - DESIGN  $f' = 3250$  psi COMPRESSIVE STRENGTH AT 28 DAYS. FLOOR OF THE BASIN SHALL SLOPE FROM ALL WALLS TO THE OUTLET AND SHALL BE GIVEN A STEEL-TROWELED FINISH SURFACE. CURVATURE OF THE SILL AND SIDE WALLS AT THE GUTTER OPENING SHALL BE FORMED BY CURVED FORMS; AND ALL EXPOSED EDGES, OR CORNERS, AND CONCRETE TO METAL FRAME EDGES SHALL BE GIVEN 1/4" RADIUS EDGER FINISH. SURFACE OF ALL EXPOSED CONCRETE SHALL CONFORM IN SLOPE, GRADE, COLOR, AND FINISH TO THE EXISTING, OR PROPOSED, CURB AND WALK ADJACENT TO THE BASIN.
- ④ REINFORCEMENT IN TOP SLAB - AS REQUIRED ON THE STRUCTURAL PLAN. WALLS AND FLOORS - AS REQUIRED BY STD. DWG. NO. 3004. REINFORCEMENT IN FRONT WALL, END WALLS AND FLOOR SHALL BE PER GRATING BASIN REINFORCEMENT WITH BASIN OPENING = C. REINFORCEMENT IN BACK WALL AND SWEEPER SHALL BE PER CURB OPENING BASIN WITH BASIN OPENING = W AND S, RESPECTIVELY.
- ⑤ INJECTION MOLDED COPOLYMER POLYPROPYLENE MANHOLE STEP, CAST IN PLACE, CENTER OVER THE FLOWLINE
- ⑥ DIMENSIONS - CURB FACE AT THE CATCH BASIN OPENING SHALL BE AS REQUIRED BY STD. DWG No. 3005 OR AS SHOWN ON THE PLAN.

$b = 4'-6"$ , OR AS SHOWN ON THE PLAN.

$H = 0"$  WHEN NO LOCAL DEPRESSION IS USED.

$C = 2'-11\frac{3}{8}"$  FOR ONE GRATING; ADD  $3'-5\frac{3}{8}"$  FOR EACH ADDITIONAL GRATE.

$t = 6"$  IF  $V = 5'-0"$  OR LESS;  $t = 8"$  IF  $V = 5'-1"$  OR MORE.

$V = 4'-6"$  OR AS SHOWN ON THE PLAN TO  $V = 3'-4"$ , MINIMUM.

$S = 4'-0"$ , CASE 'A';  $S = 11'-0"$ , CASE 'B';  $W = C + S$ .

$Y =$  VARIABLE TO  $2'-4"$ , MINIMUM.



APPROVED BY:		24079 8/08/06	
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RECOMMENDED:		33340 8/07/06	
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REV	DESCRIPTION	BY	APP'D DATE

CITY OF ONTARIO

CATCH BASIN NO. 6

STANDARD  
DRAWING  
NUMBER

3001