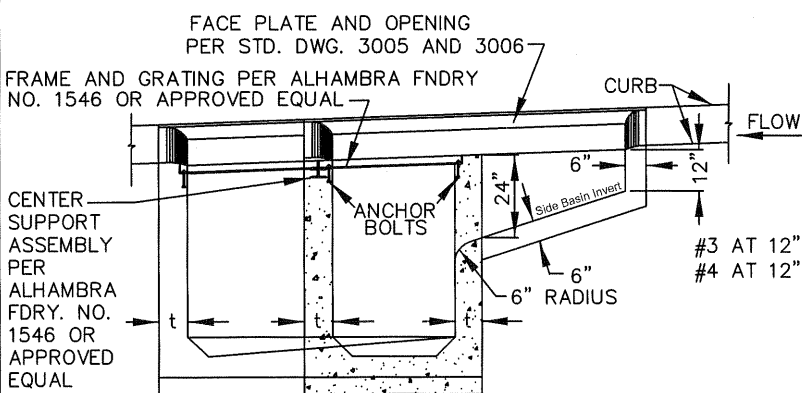
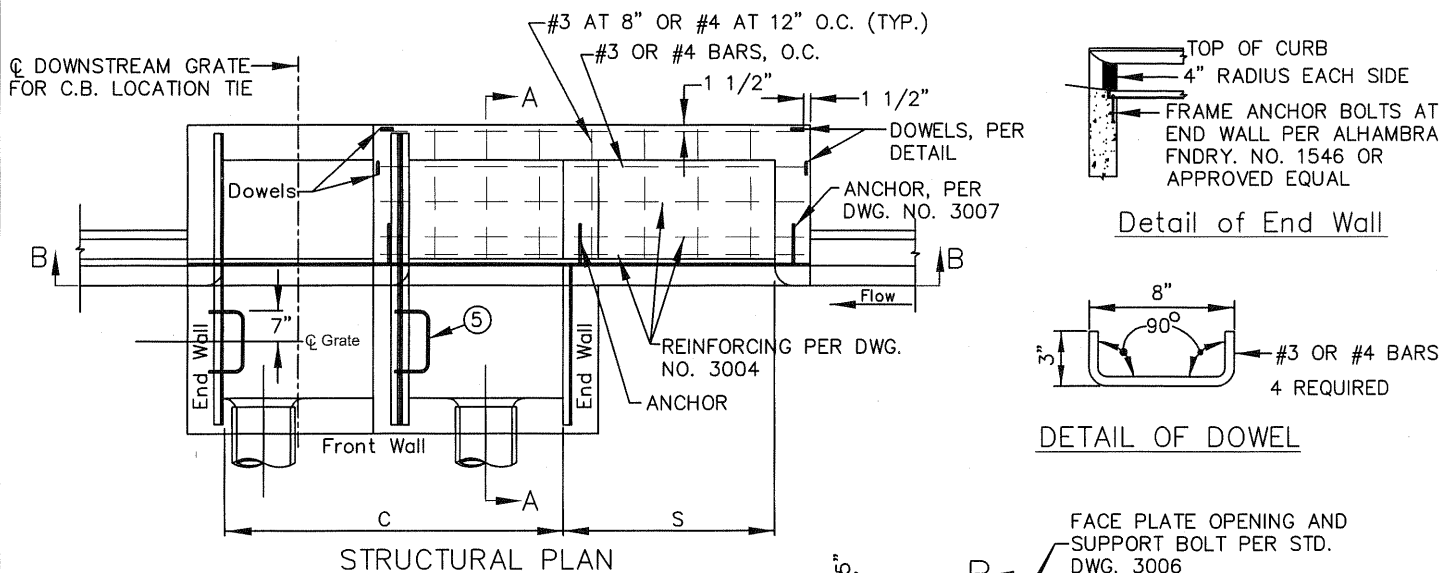
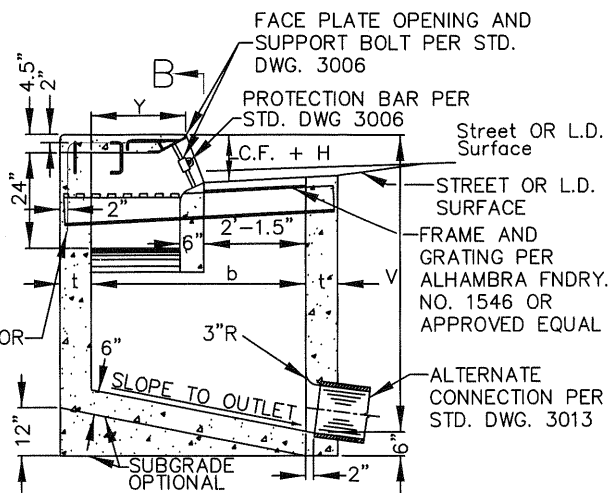




SECTION B-B



Section A-A

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: <i>John P. Sullivan</i> 24079 8/08/06				
JOHN P. SULLIVAN CITY ENGINEER RCE DATE				
RECOMMENDED: <i>Liam M. March</i> 33340 8/07/06				
ASSISTANT CITY ENGINEER RCE DATE				
REV	DESCRIPTION	BY	APP'D	DATE

CITY OF ONTARIO

CATCH BASIN NO. 6

STANDARD
DRAWING
NUMBER

3001