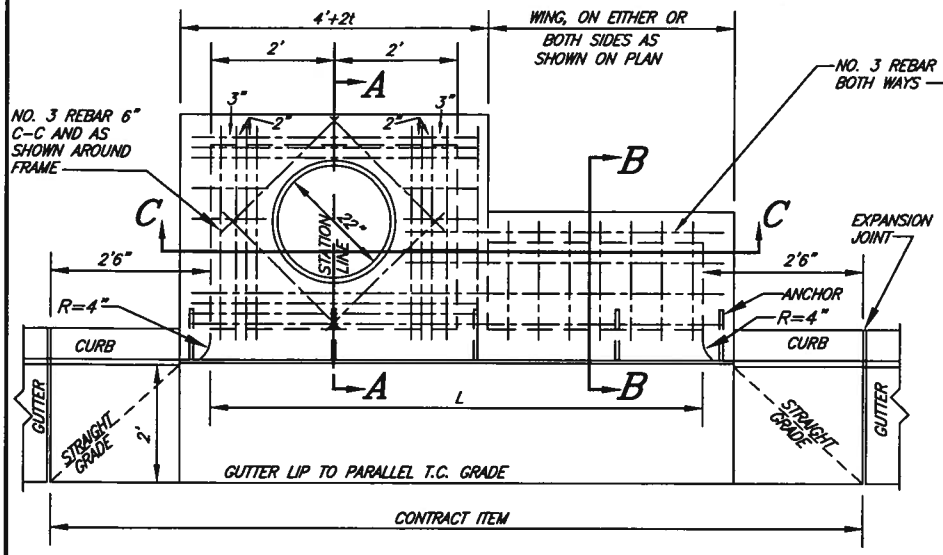
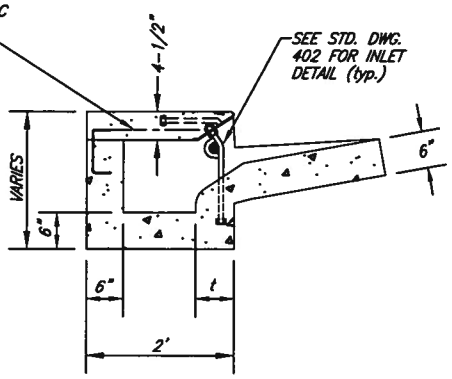
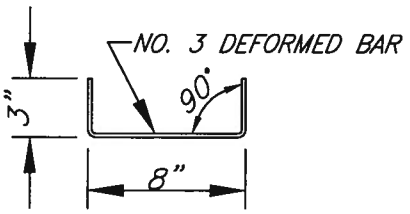


PLAN VIEW

N.T.S.



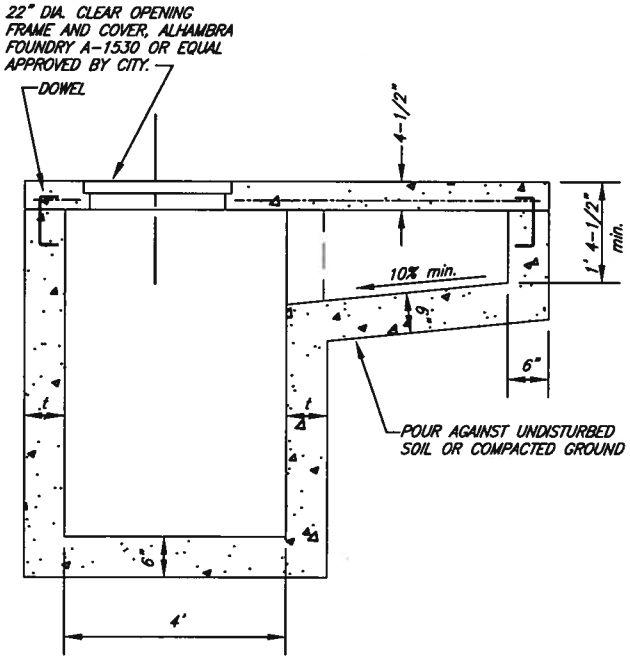
SECTION B-B



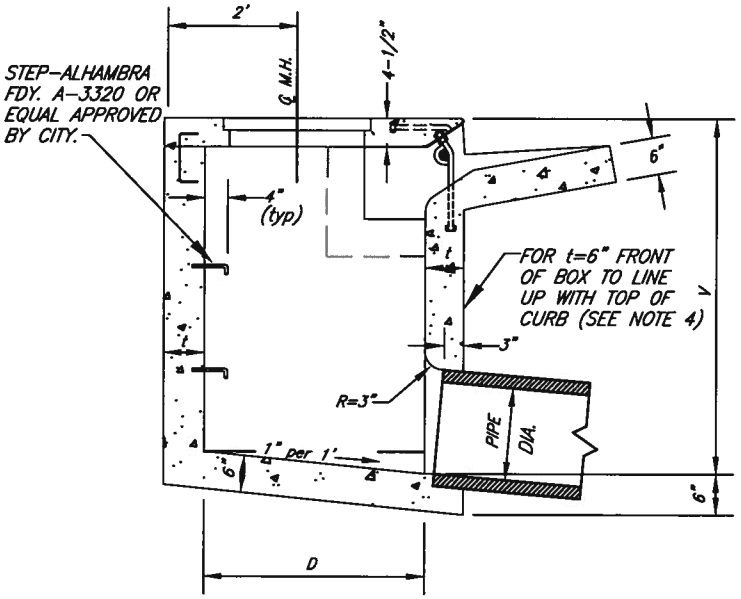
DETAIL OF DOWEL

N.T.S.

TO BE USED WHEN TOP IS POURED SEPARATE, ONE AT EACH CORNER



SECTION C-C



SECTION A-A

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CITY ENGINEER		DATE 5/18/11	
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE

PUBLIC WORKS DEPARTMENT

CATCH BASIN

STANDARD DRAWING NO. 407

Sheet 1 of 2

NOTES:

1. CONCRETE shall be 560-C-3250 Portland Cement Concrete.

2. CONNECTOR PIPE shall be horizontally centered on the wall of the deep portion of the catch basin which faces the connector pipe.

3. CURVATURE of the lip and sidewalls at the opening shall be formed by curved forms and shall not be made by plastering.

4. DIMENSIONS:
   L shall be as specified on the plan (8' min.)
   V shall be as specified on the plan.
   D = 3' unless otherwise specified on the plan.
   t = 6" if V is 4' or less
   t = 8" if V is between 4' and 8'
   t = 10" if V is 8' or more
   t > 6", widening of wall shall be on street side.

5. CHANNEL shall be constructed in catch basins having inlet pipes. Where V minus shelf height is less than 2-1/2' the channel may be omitted. See Standard Drawing No. 405 for channel detail.

6. STEP SPACING
   If V is 3.5' or less, no steps are required.
   If V is more than 3.5' and not more than 4', install one step 12" above the floor.
   If V is more than 4', install steps 12" apart with the top step 20" to 24" below the top surface at the basin.
   When the basin has a channel use V minus shelf height to determine step spacing.

7. PIPES shall be trimmed to the final shape and length before concrete is poured.

8. SURFACE of all exposed concrete in basin shall conform in slope, grade, color, finish and scoring to existing or proposed curb and walk adjacent to the basin and shall be free from protruding wires and nails. Floor of channel shall be given a steel-troweled finish.

9. TOP OF BASIN shall slope 2% toward curb except when otherwise shown on the plan or to fit existing sidewalk. To be poured monolithic with sidewalk if curb sidewalk is used.

10. FRAME AND COVER shall be located as shown on sheet 1 unless otherwise shown on the plan.

APPROVED BY
CITY ENGINEER — DATE 5/18/11

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CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

CATCH BASIN

STANDARD DRAWING NO. 407
Sheet 2 of 2