

NOTES FOR CATCH BASIN NO. 4

1. Dimensions: Unless otherwise specified.

V = 3.5 feet.

T = 6 inches, if V is 4 feet or less.

T = 8 inches, if V is between 4 feet and 8 feet.

T = 10 inches, if V is 8 feet or over.

W = 2 feet, 11-3/8 inches for one grating.

Add 3 feet, 5-3/8 inches for each additional grating.

Hike-up shall be parallel to plane of gutter - slope 3/4 inch to 1 foot.

Slope of floor parallel with curb shall be 1 in 12.

S = 1 1/2 inches.

R = 3/4 inch.

2. Concrete shall be Class "A" Portland Cement Concrete (6.0 Sack).

3. The reinforcing steel shall be Number 4 deformed bars. Clearance shall be 1-1/2 inches from top of slab. See standard drawing CB106 and note 3.

4. The surface of all exposed concrete shall conform to slope, grade, color, finish, and scoring in the existing of proposed curb and walk adjacent to the basin. The basin floor shall be given a tight wood float finish. Curvature of the lip and sidewalls at the gutter opening shall not be made by plastering. The outlet pipe shall be trimmed to final shape and length before the concrete is poured.

5. Steps: 3/4 inch plain round galvanized steel steps are required as follows:

If V is 4.5 feet or less, no steps are required.

If V is more than 4.5 feet, and not more than 5.0 feet, install one step 12 inches above floor of basin.

If V is more than 5.0 feet, install steps 16 inches apart, with the top step 6 inches below the top of grating.

All steps shall be 4 inches clear from the wall, and anchored not less than 4 inches in wall of basin.



RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT	
APPROVED BY:	
CHIEF ENGINEER	
DATE: April 5, 2004	R.C.E. NO. 32336

CATCH BASIN
NO. 4

STANDARD DRAWING NUMBER CB101
SHEET 2 OF 2