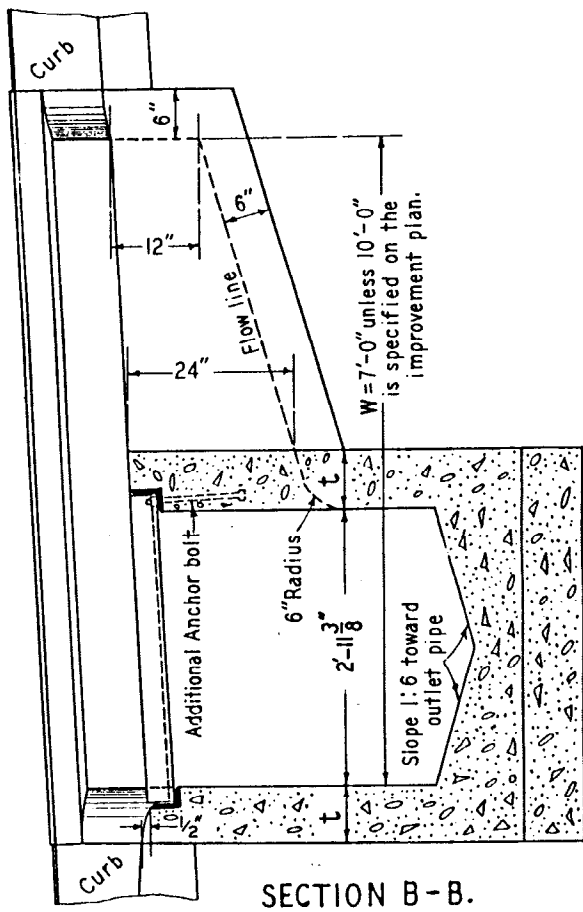
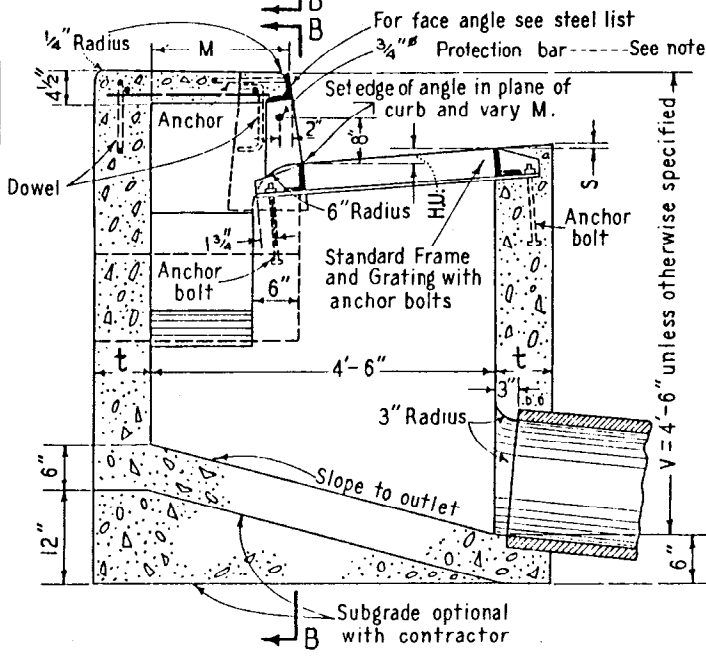


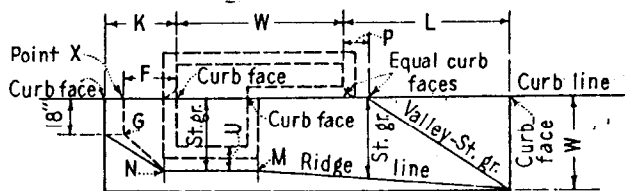
PLAN



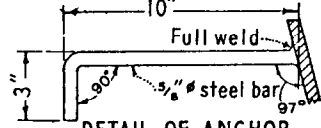
SECTION B-B.



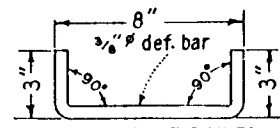
SECTION A-A.



LOCAL DEPRESSION DETAIL



DETAIL OF ANCHOR  
3'-6" C.C. for 7' Basin  
2'-6" C.C. for 10' Basin



DETAIL OF DOWEL

STEEL LIST

LENGTH OF BASIN	3/8" Def. bars	2'-8" Long	3/8" Def. bars	7'-9" Long	3/8" Def. bars	10'-9" Long	3/2" x 3/2" x 1/2" Galv. angle.	4" x 4" x 1/2" Galv. angle.	Dowels	Anchors	Plain round steps	Protection bar. (see notes)
W=7'	12	2	0	8'-0"	0	4	3	3/4" Bar. Galv.	3/4" Bar. Galv.			
W=10'	17	0	2	0	11'-0"	4	4					

DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING  
CITY OF LOS ANGELES

CATCH BASIN NO. 44

STANDARD PLAN

B-1544

SUPERSEDES B-1535

SHEET 1 OF 2 SHEETS

DESIGNED BY  
M.T.K.-F.L.B.  
DRAWN BY  
T.P.M.  
CHECKED BY  
R.E.C.

SUBMITTED *July 7* 1932 APPROVED.....1932  
BY *L.W. Armstrong*  
ENGINEER OF STORM DRAINS  
*[Signature]*  
CITY ENGINEER

## NOTES FOR CATCH BASIN NO. 44

When the basin is to be constructed within the limits of a proposed sidewalk or is contiguous to such a sidewalk, the top of the basin shall be poured monolithic with the sidewalk, using the same class of concrete as in the sidewalk. In this case the dowels between wall and top slab shall be omitted and the top of the catch basin wall finished smooth.

CONNECTION PIPES may be placed in any position around the walls provided the position is consistent with the improvement plan.

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

**DIMENSIONS:**

- H, U, and S specified on improvement plan.
- M = Variable (approximately 2 feet 3 inches)
- t = 6 inches if V is 5 feet or less.
- t = 8 inches if V is greater than 5 feet.
- V = 4.5 feet unless otherwise specified
- W (for catch basin) = 7 feet unless 10 feet is specified on improvement plan

FLOOR of basin shall be troweled and retroweled to produce a hard, polished surface of maximum density and smoothness.

OUTLET PIPE shall be trimmed to the final shape and length before concrete is poured.

PROTECTION BAR: Horizontal plain round galvanized steel protection bar shall be used when curb face is 15 inches or more. Bar shall be embedded 5 inches at each end.

REINFORCING STEEL shall be 3/8-inch round deformed bars. Clearance shall be 1 inch from bottom of slab.

STEPS: 3/4-inch plain round galvanized steel steps required as follows:

- If V is 4.5 feet or less, no steps required.
- If V is more than 4.5 feet and not more than 5 feet, install 1 step 12 inches above floor of basin
- If V is more than 5 feet, install steps 17 inches apart, with the top step 6 inches below the street surface.
- All steps shall be 4 inches (clear) from the wall except the top step, which shall be 2 1/2 inches (clear) from the wall.

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.

## NOTES FOR LOCAL DEPRESSION

(Local Depression is to be constructed only when specified on the improvement plan)

pavement adjoining, but not less than 8 inches, and will be paid for at the unit price bid for concrete pavement of that thickness. same thickness as the existing or proposed

CURB FACES at points indicated are shown on the improvement plan. A curb face shown on the improvement plan less than K distance below basin shall be applied at point X with F = 3 feet.

**DIMENSIONS for local depression:**

- F = 3 feet when a curb face is shown at point X; otherwise F = K.
- K = 3 feet unless otherwise specified.
- L = 6 feet unless otherwise specified.
- P = 12 inches for 7 foot basin, 18 inches for 10 foot basin.
- U = 12 inches unless otherwise specified.
- W = (width of local depression) = 4 feet unless otherwise specified.

ELEVATIONS at the outer corners of local depression shown on the improvement plan are for the finished surface, when inches are given (shown + or -) they show the relation of the finished surface to the top of the nearest curb. If no data are given, the outer edge of the local depression shall conform to the adjoining finished street surface.

STAKES for local depression shall be set to grade along the valley (cross-flow line) and along the ridge line (outer edge of actual depressed area). Stakes at points M and N shall be set on a straight grade between tops of end headers; stake at G shall be set on a straight grade between tops of end headers 18 inches from the curb. These stakes shall not be removed until just before the final finishing.

VERTICAL CURVE: If local depression is to be constructed on a vertical curve special details will be shown on the improvement plan.

DEPARTMENT OF PUBLIC WORKS  
BUREAU OF ENGINEERING CITY OF LOS ANGELES

### NOTES FOR CATCH BASIN NO. 44 AND LOCAL DEPRESSION

STANDARD PLAN

B-1544

SUPERSEDES B-1535

DESIGNED BY  
M.T.K.-F.L.B.

SUBMITTED *July 7, 1932*

APPROVED.....1932

DRAWN BY  
T.P.M.

BY *L.W. Armstrong*  
ENGINEER OF STORM DRAINS

*J.G. [Signature]*  
CITY ENGINEER

CHECKED BY  
F.E.C.

SHEET 2 OF 2 SHEETS