NOTES FOR CATCH BASIN NO. 36

ANCHORS shall be 3 feet 5\(\frac{3}{8}\) inches center to center.

BASIN shall have one grating unless otherwise specified.

CONCRETE shall be class C 3, Exception: When the basin is to be constructed within the limits of a proposed sidewalk or is conffuous 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 they point in the proper direction and the position is otherwise consistent with the improvement plan.

CURVATURE of the end-walls at curb opening shall be formed by curved forms and shall not be made by plastering.

DIMENSIONS:
Hike-up shall be one inch unless otherwise specified.

\[ R = \frac{1}{2} \text{ inch for lower end-wall of a single basin, or the lowest basin of a series of spread basins.} \]

\[ H = 0 \text{ for all other end-walls.} \]

\[ S = \frac{1}{2} \text{ inches for a single basin or the lowest basin of a series of spread basins, unless otherwise specified.} \]

\[ S = \frac{1}{2} \text{ inch for all basins above lowest basin, unless otherwise specified.} \]

\[ t = 6 \text{ inches if } V \text{ is 4 feet or less.} \]

\[ t = 8 \text{ inches if } V \text{ is between 4 feet and 8 feet.} \]

\[ t = 10 \text{ inches if } V \text{ is 8 feet or over.} \]

\[ V = 3 \text{ feet 6 inches, unless otherwise specified.} \]

\[ W = 2 \text{ feet 10\(\frac{3}{8}\)} \text{ inches for one grating. Add 3 feet 5\(\frac{3}{8}\) inches for each additional grating.} \]

EXPOSED SURFACES of the catch basin shall conform in slope, grade, color, finish, and scoring to existing improvements adjacent to the basin. Where no sidewalk exists, the top shall be formed to conform to standard sidewalk slope and finish, and scoring lines shall conform as nearly as possible to 20 inch squares. Where no curb exists, the batter of exposed end-walls above the street surface shall conform to batter for standard heavy curb.

FLOOR of basin shall be given a steel-troweled finish.

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

REINFORCING STEEL shall be \(\frac{3}{4}\) inch round deformed bars. Clearance shall be one inch from top of slab.

SLOPE of floor parallel with curb shall be \(1\) in 12 unless otherwise specified. Slope floor from all directions to the outlet.

STEPS: 3\(\frac{3}{4}\) 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 50 feet, install one step 12 inches above floor of basin.

If \( V \) is more than 50 feet, install steps 17 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 5 inches in wall of basin.