GENERAL NOTES:

1. DRAWING TO BE USED FOR ALL CAST IN PLACE CONCRETE CATCH BASINS AND ALL PRECAST NO. 10 CONCRETE CATCH BASINS. SEE STANDARD DRAWING D-CB-90 FOR ADDITIONAL CONSTRUCTION NOTES & DETAILS.

2. Pipe Design may vary from a minimum of 24" to maximum of 48" in diameter as noted on drawings. The catcher is made by using mock-up of standard precast concrete manhole frames. The size of manhole shall be limited to 6 inches. If this dimension exceeds 6 inches, this dimension cannot be used. The catcher frames shall be used as shown on standard drawing D-CA-1. 

3. Pipe design determines the size of the horizontal reinforcement at the top of catch basin walls. See additional details on standard drawing D-CB-84 for taller sections and steel placement above pipe openings.

4. CAST IN PLACE CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS, Section 6 of this manual. PRECAST CONCRETE CATCH BASINS ARE CONSTRUCTED AS PER THIS DRAWING. THE USE OF BRICK SHALL BE LIMITED TO 6 INCHES. IF THIS DIMENSION EXCEEDS 6 INCHES, PRECAST CONCRETE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE DAMAGED CATCH BASIN UNITS AT HIS OWN EXPENSE.

5. CONCRETE: f = 4,000 POUNDS PER SQUARE INCH AT 28 DAYS.

6. PAVEMENT E-10 INCHES. OTHER MATERIALS SHALL BE USED PER CONTRACT.

7. MAXIMUM DEPTH FOR THIS STRUCTURE IS 20.00'.

8. Pipe type: Type 10 length: 48". This type of pipe is used. Catch basin depth = 16'-20' depth per each. Payment includes riser section and grate.


12. Pipe opening: 3" clear.


15. Pipe opening: 2" clear.


17. Pipe opening: 2" clear.

18. Pipe opening: 3" clear.

REINFORCING STEEL LEGEND:

- 3" BAR = 3/16" diameter
- 4" BAR = 1/2" diameter
- 5" BAR = 3/4" diameter

STANDARD RECTANGULAR CONCRETE NO. 10 CATCH BASIN

Dimensions shown on this legend are outside to outside of bar. Standard D.R.S.1 hook and detail shall apply, except as noted.