1. **Walls:** Cast-in-place units have a nominal thickness of 8" and min. thickness of 6". Precast units shall be in accordance with ASTM C913, shall have a min. thickness of 6" and shall be reinforced sufficiently to permit shipping and handling without damage. Precast tops shall have min. 6" thickness.

2. **Concrete:** Cast-in-place conc. is to be class "C". Precast conc. shall meet requirements of CMS 706.13 and be marked with catch basin number.

3. **Precast Base:** If a precast base is used it shall be placed deep enough so that the top 6" can be adjusted to provide the grate elevation specified in plans or to allow positive drainage.

4. **Minimum Depth:** Minimum depth of AA-S133B shall be the outside dia. (O.D.) of the outlet pipe plus 4".

5. **Steps:** Steps shall be provided where depth exceeds 6" and shall meet requirements of AA-S1119.

6. **Inlets:** Over 12" depth; precast or cast-in-place shall be reinforced with #4 bars on 12" centers, vertical & horizontal. 6 bars shall have 2" clearance from inside wall face.

7. **Reinforcement:** Top reinforcing bars shall be on 6" centers. (See rein. chart).

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**City of Columbus, Ohio**
**Department of Public Utilities**
**Division of Sewerage & Drainage**

**Standard Catch Basin**
(24" to 42" Pipe)

**Standard Drawing**
AA-S133B

**Revised 8/8/14**

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