FRAME AND GRATE
(SEE DETAILS 722 AND 724 / 725)

REDUCING SECTION
(FOREC RECTANGULAR ADJUSTMENT SECTION SEE DETAIL 714)

<table>
<thead>
<tr>
<th>PIPE MATERIAL</th>
<th>MAXIMUM INSIDE DIAMETER</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORRUGATED PE</td>
<td>18&quot;</td>
</tr>
<tr>
<td>CONCRETE</td>
<td>18&quot;</td>
</tr>
<tr>
<td>CMP</td>
<td>21&quot;</td>
</tr>
<tr>
<td>DUCTILE IRON</td>
<td>21&quot;</td>
</tr>
<tr>
<td>PVC</td>
<td>21&quot;</td>
</tr>
</tbody>
</table>

DETAIL NOTES
As an acceptable alternative to the rebar shown in the PRECAST BASE SECTION, fibers (placed according to the Standard Specifications) or wire mesh having a minimum area of 0.12 square inches per foot may be used. Wire mesh shall not be placed in the knockouts.

The knockout diameter shall not be greater than 26". Knockouts shall have a wall thickness of 2" minimum to 2.5" maximum. Provide a minimum gap between the knockout wall and the outside of the pipe. After the pipe is installed, fill the gap with joint mortar in accordance with Standard Specification 9–04.3.

The maximum depth from the finished grade to the lowest pipe invert shall be 5'.

The frame and grate may be installed with the flange up or down. The frame may be cast into the adjustment section (see Standard Detail 722).

The Precast Base Section may have a rounded floor and the walls may be sloped at a rate of 1:24 or steeper.

The opening shall be measured at the top of the Precast Base Section.

All pick holes and joints shall be grouted, inside and out, after the basin has been placed.

City of Covington
Public Works
Community Development

CATCH BASIN
TYPE 1L

715
Revision Date
October 2009