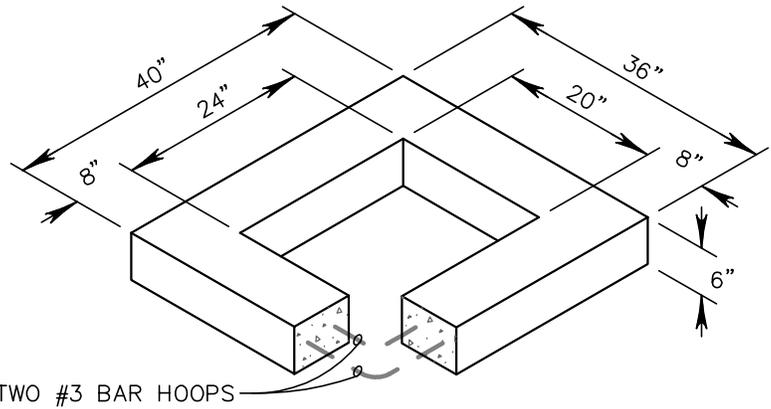
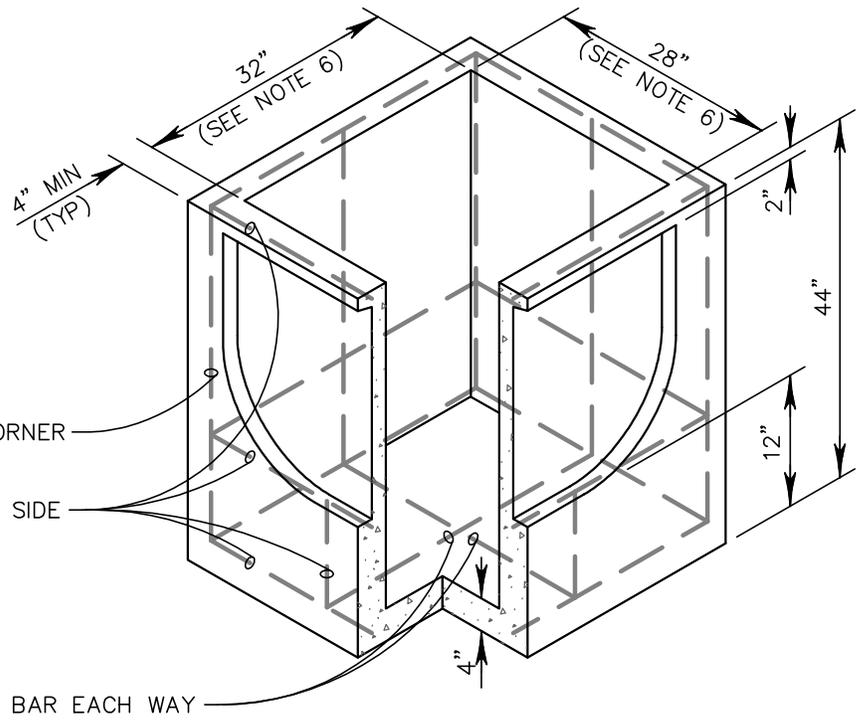


**FRAME AND GRATE**  
(SEE DETAILS 722 AND 724 / 725)



**REDUCING SECTION**  
(FOR RECTANGULAR ADJUSTMENT SECTION SEE DETAIL 714)

PIPE ALLOWANCES	
PIPE MATERIAL	MAXIMUM INSIDE DIAMETER
CORRUGATED PE	18"
CONCRETE	18"
CMP	21"
DUCTILE IRON	21"
PVC	21"



**PRECAST BASE SECTION**

**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 1.5" 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).

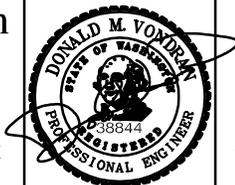
The Precast Base Section may have a rounded floor and the walls may be sloped at a rate of 1:24 or steeper.

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**

This document has been signed electronically in accordance with WAC 196-23-070 and Chapter 19.34 RCW. Unauthorized alteration of any of the information on this document will invalidate the document, my certification and signature.

**715**

Revision Date  
October 2009