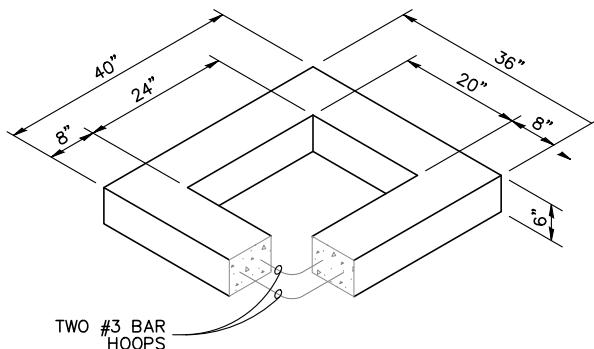
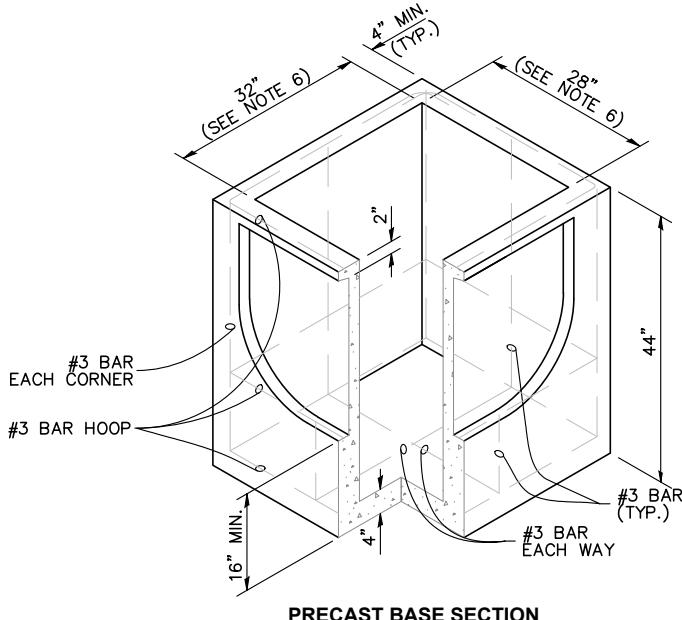


RECTANGULAR ADJUSTMENT SECTION



REDUCING SECTION



PRECAST BASE SECTION

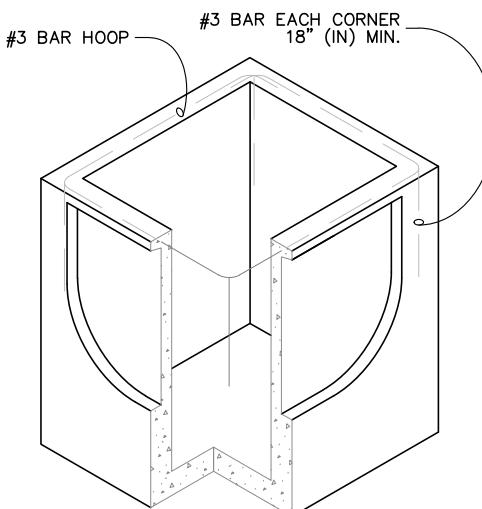
PIPE ALLOWANCES

PIPE MATERIAL	MAXIMUM INSIDE DIAMETER (INCHES)
DUCTILE IRON (STD. SPEC. SECT. 9-05.13)	20"
CPEP * (STD. SPEC. SECT. 9-05.20)	18"
SOLID WALL PVC (STD. SPEC. SECT. 9-05.12(1))	21"

*CORRUGATED POLYETHYLENE PIPE

NOTES

1. ALL PRECAST CONCRETE ITEMS SHALL MEET THE REQUIREMENTS OF AASHTO M199 AND FABRICATED AS SHOWN ON THE STANDARD DRAWINGS.
2. AS ACCEPTABLE ALTERNATIVES TO THE REBAR SHOWN IN THE PRECAST BASE SECTION, FIBERS (PLACED ACCORDING TO THE WSDOT STANDARD SPECIFICATIONS), OR WIRE MESH HAVING A MINIMUM AREA OF 0.12 SQUARE INCHES PER FOOT SHALL BE USED WITH THE MINIMUM REQUIRED REBAR SHOWN IN THE ALTERNATIVE PRECAST BASE SECTION. WIRE MESH SHALL NOT BE PLACED IN THE KNOCKOUTS.
3. THE KNOCKOUT DIAMETER SHALL NOT BE GREATER THAN 26" (IN), IN ANY DIRECTION. KNOCKOUTS SHALL HAVE A WALL THICKNESS OF 2" (IN) MINIMUM TO 2.5" (IN) MAXIMUM. PROVIDE A 1.5" (IN) 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 WSDOT STANDARD SPECIFICATION SECTION 9-04.3.
4. THE MAXIMUM DEPTH FROM THE FINISHED GRADE TO THE LOWEST PIPE INVERT SHALL BE 5' (FT).
5. THE FRAME AND GRATE MAY BE INSTALLED WITH THE FLANGE DOWN OR INTEGRALLY CAST INTO THE ADJUSTMENT SECTION WITH FLANGE UP.
6. THE PRECAST BASE SECTION MAY HAVE A ROUNDED FLOOR, AND THE WALLS MAY BE SLOPED AT A RATE OF 1 : 24 OR STEEPER.
7. THE OPENING SHALL BE MEASURED AT THE TOP OF THE PRECAST BASE SECTION.
8. ALL PICKUP HOLES SHALL BE GROUTED FULL AFTER THE BASIN HAS BEEN PLACED.



ALTERNATIVE PRECAST BASE SECTION



APPROVAL

Wayne R. Haydon

PUBLIC WORKS DIRECTOR

DATE
01/21/2022

DRAWING NO.

SW-5

REV:

CATCH BASIN TYPE 1L