



NOTES

1. THE BOTTOM OF THE PRECAST CATCH BASIN MAY BE SLOPED TO FACILITATE CLEANING.
2. THE RECTANGULAR FRAME AND GRATE MAY BE INSTALLED WITH THE FLANGE UP OR DOWN. THE FRAME MAY BE CAST INTO THE ADJUSTMENT SECTION.
3. 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.

| CATCH BASIN DIMENSIONS | | | | |
|------------------------|---------------------|---------------------|-----------------------|------------------------------------|
| CATCH BASIN DIAMETER | MIN. WALL THICKNESS | MIN. BASE THICKNESS | MAXIMUM KNOCKOUT SIZE | MINIMUM DISTANCE BETWEEN KNOCKOUTS |
| 48" | 4" | 6" | 36" | 8" |
| 54" | 4.5" | 8" | 42" | 8" |
| 60" | 5" | 8" | 48" | 8" |

| CATCH BASIN DIAMETER | PIPE ALLOWANCES | |
|----------------------|--|----------------|
| | PIPE MATERIAL WITH MAXIMUM INSIDE DIAMETER | SOLID WALL PVC |
| 48" | 24" | 30" |
| 54" | 30" | 36" |
| 60" | 36" | 42" |

① CORRUGATED POLYETHYLENE PIPE
(SEE WSDOT STANDARD SPECIFICATION SECTION 9-05.20)

② (SEE WSDOT STANDARD SPECIFICATION SECTION 9-05.12(1))

NO SCALE



APPROVAL

PUBLIC WORKS DIRECTOR

DATE
01/21/2022

DRAWING NO.

SW-6

REV:

CATCH BASIN TYPE 2