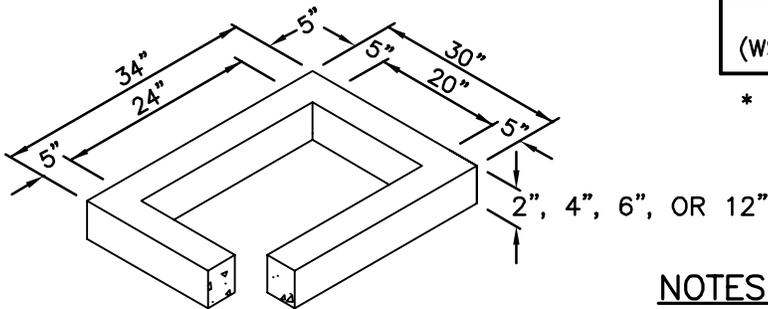
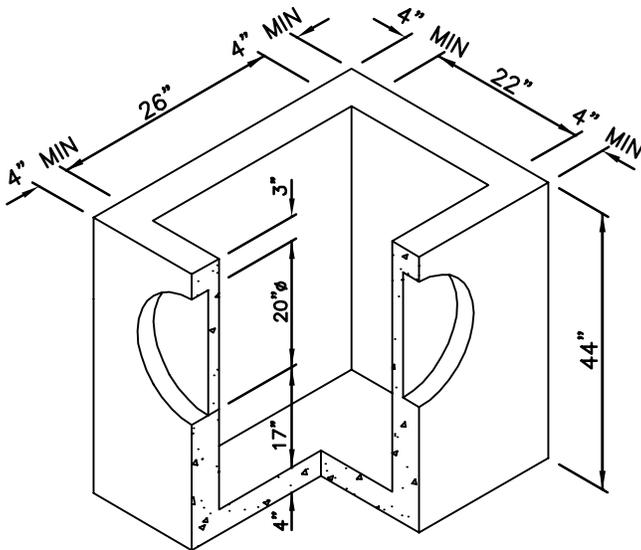


SEE APPLICABLE STANDARD DETAILS
FRAME AND GRATE



RISER SECTION



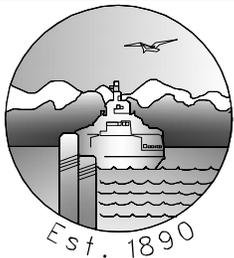
(MEASUREMENT AT THE TOP OF THE BASE)
PRECAST BASE SECTION

| PIPE ALLOWANCES | |
|---|-------------------------|
| PIPE MATERIAL | MAXIMUM INSIDE DIAMETER |
| REINFORCED OR PLAIN CONCRETE | 12" |
| ALL METAL PIPE | 15" |
| CPSSP* (WSDOT STD SPEC 9-05.20) | 12" |
| SOLID WALL PVC (WSDOT STD SPEC 9-05.12.(1)) | 15" |
| PROFILE WALL PVC (WSDOT STD SPEC 9-05.12(2)) | 15" |

* CORRUGATED POLYETHYLENE
STORM SEWER PIPE

NOTES:

- CATCH BASINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION 9-05.50(3).
- AS AN ACCEPTABLE ALTERNATIVE TO REBAR, WELDED WIRE FABRIC HAVING A MIN. AREA OF 0.12 SQUARE INCHES PER FOOT MAY BE USED. WELDED WIRE FABRIC SHALL COMPLY TO ASTM A497 (AASHTO M 221). WIRE FABRIC SHALL NOT BE PLACED IN KNOCKOUTS.
- APPLY NON-SHRINK GROUT TO INSIDE AND OUTSIDE OF ALL JOINTS, RINGS, RISERS AND FRAMES.
- ROUND KNOCKOUTS MAY BE ON ALL 4 SIDES, WITH MAX DIAMETER OF 20". KNOCKOUTS MAY BE EITHER ROUND OR "D" SHAPE.
- THE MAX DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
- THE TAPER ON THE SIDES OF THE PRECAST BASE SECTION AND RISER SECTION SHALL NOT EXCEED 1/2"/FT.
- CATCH BASIN FRAME AND GRATE SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
- VERTICAL EDGE OF RISER SHALL NOT BE MORE THAN 2" FROM VERTICAL EDGE OF CATCH BASIN WALL.



CITY OF EDMONDS
PUBLIC WORKS
DEPARTMENT

CATCH BASIN TYPE I

APPROVED BY: **R. ENGLISH**

REVISION DATE
JANUARY 2018

STANDARD
DETAIL
SD-303