



PIPE ALLOWANCES	
PIPE MATERIAL	MAXIMUM INSIDE DIAMETER
REINFORCED OR PLAIN CONCRETE	18"
ALL METAL PIPE	21"
CPSSP * STND SPEC 9-05.20	18"
SOLID WALL PVC STND SPEC 9-05.12(1)	21"
PROFILE WALL PVC STND SPEC 9-05.12(2)	21"

* CORRUGATED POLYETHYLENE
STORM SEWER PIPE

NOTES:

1. CATCH BASIN INLET TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C478 (AASHTO) M 199) & C890 UNLESS SHOWN ON PLANS OR NOTED IN STANDARD SPECIFICATIONS.
2. REINFORCING FOR INLET UNIT, 3 EA. #4 HORIZONTAL BARS.
3. REINFORCING FOR TOP UNIT, 2 EA. #3 HORIZONTAL BARS.
4. ALL REBAR TO MEET ASTM A615 GRADE 60.
5. PRECAST BASES SHALL BE WSDOT TYPE 1 CATCH BASINS PER STANDARD PLAN B-1. ALL PIPE SHALL BE INSTALLED IN FACTORY PROVIDED KNOCKOUTS. UNUSED KNOCKOUTS NEED NOT BE GROUTED IF WALL IS LEFT INTACT.
6. ALL REINFORCED CAST-IN-PLACE CONCRETE SHALL BE CLASS 4,000.
7. THE MAX. DEPTH FROM THE FINISHED GRADE TO THE PIPE INVERT IS 5'-0".
8. ANY PROTRUDING ENDS OF PIPES SHALL BE TRIMMED FLUSH WITH THE INSIDE WALLS AND GROUTED TO THE SATISFACTION OF THE CITY.
9. CATCH BASIN FRAME AND GRATE SHALL BE CAST INTO 6" CONCRETE SLAB AND BE ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS AND MEET THE STRENGTH REQUIREMENTS OF FEDERAL SPECIFICATION RR-F-62ID. MATING SURFACES SHALL BE FINISHED TO ASSURE NON-ROCKING FIT WITH ANY COVER POSITION.
10. CONTRACTOR SHALL USE PRECAST INLET STRUCTURES, UNLESS APPROVED OTHERWISE.
11. INSTALL REMOVABLE TRAP IN ACCORDANCE WITH THE STANDARD CATCH BASIN TRAP DETAIL.

STANDARD TYPE 1 CATCH BASIN

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