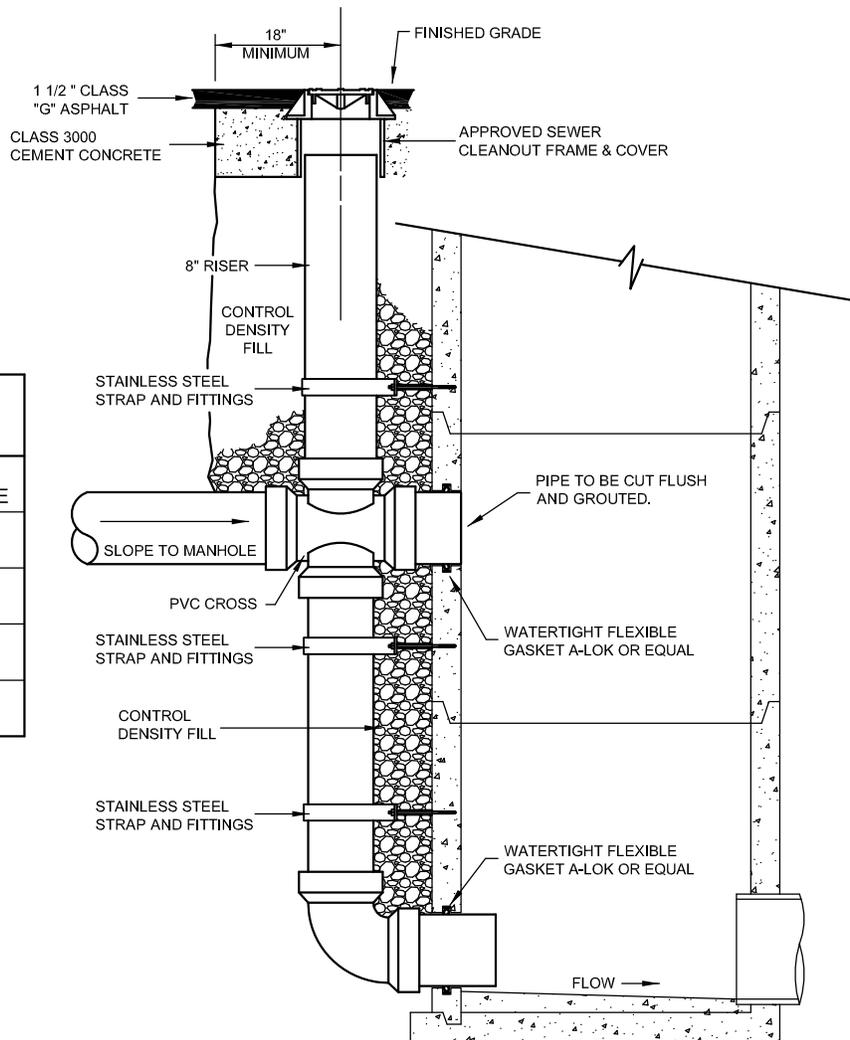


| SEWER PIPE SIZE | DROP PIPE SIZE |
|-----------------|-----------------------|
| 4" - 8" | SAME AS ENTRANCE PIPE |
| 10" - 15" | 8" |
| 18" - 27" | 12" |
| 30" - 42" | 18" |
| 48" - 54" | 24" |



NOTES:

1. USE OF DROP MANHOLE BY CITY APPROVAL ONLY.
2. BACKFILL OF STRUCTURES, MANHOLES AND DROP-PIPES SHALL BE IN ACCORDANCE WITH SECTION 2-09 OF THE WSDOT STANDARD SPECIFICATION AND BE BACKFILLED IN 24" LIFTS AND THEN COMPACTED UTILIZING CSTC MATERIAL NOT TO EXCEED 5/8" IN SIZE.
3. PIPE INLET TO BE 24" MINIMUM BELOW CONE SECTION OF THE MANHOLE OR AS DIRECTED BY THE CITY ENGINEER. PIPE INLET TO BOTTOM OF MANHOLE SHALL NOT EXCEED 72" UNLESS APPROVED BY THE CITY ENGINEER.
4. STAINLESS STEEL STRAPPING SHALL CONSIST OF STAINLESS UNISTRUT WITH UNISTRUT AROUND PIPE OR STAINLESS STEEL U-BOLT, FLAT WASHERS, AND HEX NUTS OR AS APPROVED BY THE CITY ENGINEER. VERTICAL SPACING SHALL NOT EXCEED 36" BETWEEN SUPPORTS.
5. INSTALL FLEX COUPLING TO ALLOW FOR REMOVAL, CLEANING AND RE-ROUTING OF DIRECTIONAL ELBOW. ELBOW TO REST ON THE MANHOLE FLOW CHANNEL AND BE GLUED TO STANDPIPE.
6. CITY INSPECTOR MUST BE PRESENT DURING PLACEMENT, ATTACHMENT AND COMPACTION OF MATERIALS IN EACH INSTANCE.
7. REMOVABLE SLIP-ON PVC CAP TO BE INSTALLED AT THE CITY ENGINEERS DISCRETION.



City Of Yakima
Engineering Division

129 North Second Street
Yakima, Washington

City of Yakima - Standard Detail
SEWER DROP MANHOLE

NOT TO SCALE
Revision 05-2010