

**TOWN OF DRYDEN
MATERIAL AND PERFORMANCE STANDARDS
FOR SANITARY SEWER SYSTEM EXTENSIONS**

1. Sewer pipe - SDR 35 PVC bedded a minimum of 8" on all sides.
2. Pipe size - Main 8" (min.), Laterals 4" (min.).
3. Depth of cover - Mains 6' min. (except 4' in areas without conflict with water mains or services), Laterals 3' min.
4. Pipe bedding - # 1 stone, # 2 stone or a mix of #1 and #2 stone. 1a stone bedding will not be allowed.
5. Lateral connections to existing sewer - Romac Industries Style CB sewer saddle, 4" SDR 35 PVC extended to the edge of the road Right-of-Way (ROW), cap end.
6. Lateral connections to new sewer - SDR 35 PVC sanitary tee, extended to the edge of the road ROW, cap end.
7. Clean outs - Shall be provided at the edge of the ROW when the homes are connected to the sewer.
8. Manholes - precast concrete 4' diameter (5' for 3 way or interior drop) in accordance with ASTM C478 coated inside and out (including grouted joints, benchwork, and flow channel) with 2 coats of coal tar-epoxy coating.
9. Benchwork and flow channel - cast-in-place concrete.
10. Flow channel walls are to be vertical from the springline of the pipe to the top of the pipe and the benchwork slope at 1/2" per foot from that point to the wall of the manhole.
11. Frame and cover - Syracuse Castings Pattern 1009 with Flow Seal Cover (Sanitary Sewer cast into the cover in 2" letters).
12. Manhole steps - Copolymer polypropylene encapsulated steel in accordance with ASTM C478, 12" on center.
13. Testing - Sewer mains including laterals to the edge of the ROW shall be air tested.
14. Backfill - Select earth (native material 6" and smaller in size and within 2% of optimum moisture content) to 2' below asphalt subgrade within the ditchlines of an existing or proposed Town road and to the surface in other areas. The top 2' below the asphalt subgrade within the ditchlines of an existing or proposed Town road shall be Item 4 Base material as outlined in the Town Road Specifications.
15. Placement and compaction of backfill - 8" lifts compacted to 95% of maximum density ASTM 698 between the ditch lines.
16. Surface restoration of existing Town roads – 2.5" of Type 3-asphalt binder and 1.5" of Type 7 asphalt top.
17. Work within a County or State ROW will be governed by the respective standards.
18. Accurately record actual location of pipe runs, fittings, manholes, termination of laterals, couplings, lateral connections to the main, and invert elevations.