

Town of Hampton



Sewer and Drain Subdivision Requirements

(Last Revised December 2016)

I. Sewer

- A. Sewer design shall incorporate the use of 32" Pamrex heavy duty manhole covers with the word "Sewer" Cast (no plate allowed) onto the cover.
- B. Sewer laterals shall have cleanouts at property lines to 6" below grade except in paved locations shall be installed to grade using H-20 rated cast iron cover set.
- C. All sewer pipe shall be SDR-35
- D. The maximum distance between manholes shall be 300 ft. Manholes shall be placed on the center line of road in the center of travel lane to the extent practical.

II. Drainage

- A. Catch basins shall be designed using Neehah (#R-3570- A) heavy duty frame and grate set or equivalent as approved by the Sewer and Drain Division of the Department of Public Works.
- B. Drainage manholes frames shall be Neehah R-1743
- C. All drainage pipe shall be SDR35, except culverts which may be HDPE

III. GIS

- A. GPS coordinates of all sewer and drain manholes, catch basins, outfalls, pump stations, culvert inlets and outlets, and connection line segment shall be submitted to the Public Works Department in Sub-meter accuracy upon the completion of the project.

IV. As-Built

- A. An As-built Plan shall include the location of all sewer mains, sewer manholes, service laterals, drainage piping, drain manholes, catch basins, culverts, outfalls, drainage BMP's (with detail of construction for porous pavement section if used), , underground gas, water, electrical/communications locations, spot elevations, edge of pavement, sidewalk, boundary/R.O.W., building location(s), monuments, pins, signage, striping, landscaping, easements and wetlands. (Sewer and Drain information to be identified in bold). **The plan shall include the material and sizes of ALL piping infrastructure.**
- B. Included with the asbuilt (Separate sheet if necessary) the plan must have a profile view showing sewer and drainage infrastructure with rim, invert and service stub

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- elevations. The profile is to identify the diameter, pipe type, and length in feet of each run.
- C. Stationing must be shown for sewer manholes and service wyes, starting with the furthest downstream manhole shown as 0+00.
 - D. Plan shall show ties from house corners to each corresponding sewer lateral at property line.
 - E. Two hard copies of the Final As-built Plan stamped and signed by a registered professional shall be submitted to the Public Works Department and also be provided digitally in pdf file format and in Auto-Cad format.

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