

## **SEWER SPECIFICATION EXHIBIT 'B'**

### **Septic Tanks – Burial**

New septic tanks cannot be installed deeper than 32". If the owner raises the ground level over an existing septic tank by filling, the owner will be responsible for the cost of the additional riser required to bring the access lid at the new ground level. Cutting down to meet spec will not be allowed as it will create an area where runoff can collect and flow into the tank. The new depth limit is due to difficulty in pumping and thorough cleaning along with the safety hazards it creates for the District staff and its contractors.

### **Manholes**

Where the owner raises the ground level over the level of existing manholes previously installed, the owner must at their expense raise the manhole lid to the new ground surface elevation. Manhole lids can be raised using a maximum of 4-inch of cast iron adjusting riser rings placed inside and atop the existing cast iron manhole cover frame. For applications between 4 and 12 inches, a single piece concrete riser ring set between the top of the concrete manhole section and the underside of the cast iron frame is required. Adjustments greater than 12 inches require manhole barrel sections. After raising the manhole lid to match the ground level, the first ladder step in the manhole must be no deeper than 30 inches below the ground level. For all applications, the finished assembly must be sealed according to District standards using chimney seals, joint wrap, and/or joint seals as appropriate to include pick hole plugs.

### **Septic Tank Lids – Protection**

Septic tank lids according to District specifications are to be protected from traffic or other damage. Lids broken due to damage more than twice will have a cast iron ring and cover installed by the District and cost billed to the owner of property.

### **Commercial Sewer Service – Connection to Service Stub**

New commercial sewer services connecting to the District's sewer main will install a manhole at the supplied service stub at the property line. This provides better line cleaning for the customer and an inspection and troubleshooting point for the District.

### **Sewer Mains – Minimum Size Pipe**

Minimum pipe size of all new gravity sewer mains for both conventional and septic tank effluent mains, shall be 8-inch in diameter regardless of the size of the existing sewer main it ties into. New 8-inch mainline pipe into existing 6-inch mains will be connected via manhole. Doghouse manholes will be "Diapered" when installed on District sewer mains, see attached detail. New 4-inch sewer services will be schedule 40 PVC.