


THE SEWER JOINTS SHOULD BE EQUIDISTANCE AND LOCATED AS FAR AWAY AS POSSIBLE FROM THE WATER MAIN JOINTS

WHEREVER POSSIBLE, WATER SERVICES SHALL BE INSTALLED WITH A MINIMUM OF 10 FEET HORIZONTAL SEPARATION FROM SEWER. ENCASEMENT OF EITHER THE WATER OR SEWER SERVICE IS REQUIRED IN THE FORM OF A 10-FOOT SLEEVE ON EITHER SIDE OF THE ADJACENT STRUCTURE IN THE FOLLOWING CASES:

- 1) THE MINIMUM 10-FOOT HORIZONTAL SEPARATION FROM SEWER CANNOT BE MET;
- 2) THE TOP OF THE SEWER BELL IS LESS THAN 1.5 FEET FROM THE BOTTOM OF THE WATER LINE;
- 3) A STORM DRAIN IS WITHIN 1.5 FEET ABOVE THE SEWER LINE; OR,
- 4) A SEWER MAIN OR CONNECTION IS ABOVE WATER MAIN OR CONNECTION.

THE SLEEVE SHALL CONSIST OF A LARGER PIPE SURROUNDING THE UTILITY PIPE, WITH PLUGS AT THE ENDS.

**DRAFT**

 <p><b>TOWN OF WAKEFIELD</b></p>	ENGINEERING DIVISION - WAKEFIELD PUBLIC WORKS		
	DESIGN AND CONSTRUCTION STANDARDS WATER SEWER CROSSING DETAIL		
	SCALE: NTS	DETAIL #: W-13	DATE: MAY 22 2023