


NOTES:

1. THE ENTIRE RUN SHALL BE DUCTILE IRON AND RESTRAINED.
2. FOR CASING REQUIREMENTS SEE DETAIL 3-25.
3. A FULL LENGTH OF PIPE SHALL BE INSTALLED AT BOTH BEGINNING AND END OF THE DEFLECTED RUNS. SEE ABOVE DETAIL.
4. THE FIRST BELL END JOINT AFTER THE DEFLECTED RUNS SHALL BE RESTRAINED.
5. WHEN THE WATER MAIN IS REQUIRED TO BE INSTALLED OVER THE SEWER MAIN (DEFLECTED) AND DOES NOT MEET THE 18" SEPARATION A CASING SHALL BE INSTALLED USING THIS EXAMPLE SHOWN ABOVE.
6. THE MINIMUM DEPTH OF THE WATER MAIN SHALL BE 3.5' BUT WHEN DEFLECTING THE WATER MAIN OVER THE SEWER MAIN USING A CASING, THE SEPARATION BETWEEN THE BOTTOM OF THE CASING AND TOP OF THE SEWER MAIN MAY BE 6". FILL SEPARATION WITH FOUNDATION MATERIAL CLASS A OR B PER WSDOT STD. SPEC. 9-03.17, OR AS REQUIRED BY THE ENGINEER.
7. WHEN DEFLECTING THE WATER MAIN OVER THE SEWER MAIN WITHOUT A CASING THE MINIMUM DEPTH OF THE DEFLECTED WATER MAIN MAY BE 3'. THE MINIMUM SEPARATION BETWEEN THE BOTTOM OF THE WATER MAIN AND TOP OF THE SEWER MAIN SHALL BE 18".
8. AT NO TIME SHALL A PRESSURE SEWER MAIN BE INSTALLED OVER THE WATER MAIN OR SERVICE.



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION IS KEPT ON FILE AT THE CITY OF KENT. A COPY MAY BE OBTAINED UPON REQUEST.

		CITY OF KENT ENGINEERING DEPARTMENT		
		DEFLECTED WATER MAIN INSTALLATION FOR GRAVITY SEWER ONLY		
DESIGNED	COK	SCALE	NONE	STANDARD PLAN
DRAWN	COK	DATE	9/2020	
CHECKED	COK	ENGINEER		4-14
APPROVED				