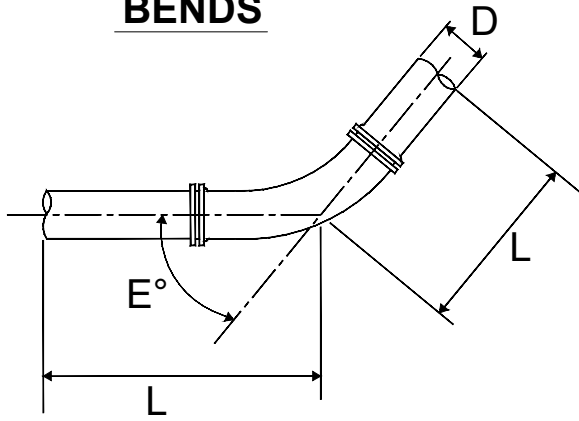
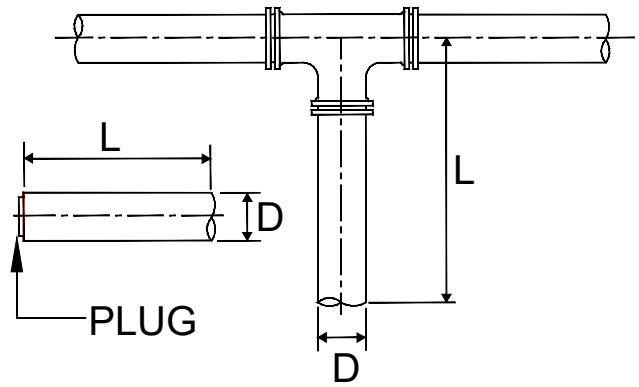


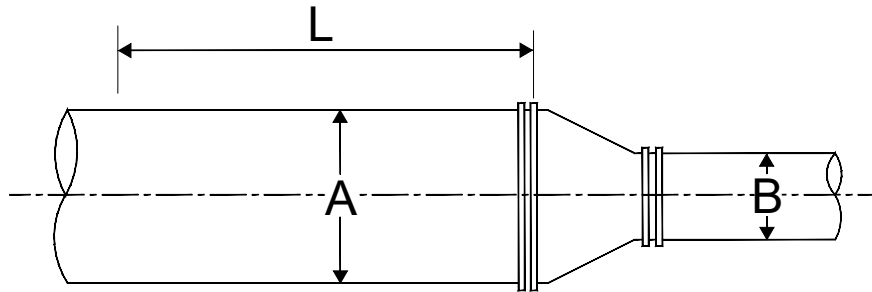
### BENDS



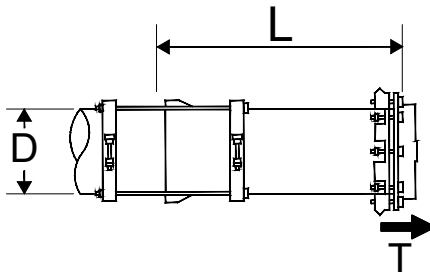
### TEES



### REDUCERS



### DEAD END



#### NOTE:

1. REQUIREMENTS FOR RESTRAINED JOINTS SHALL BE DICTATED BY THE RESTRAINT LENGTH CALCULATOR MADE BY EBBA IRON SALES, INC. (<https://rlc.ebaa.com/calculator.php>)
2. THE FOLLOWING ASSUMPTIONS SHALL BE MADE ON ALL PUBLIC WATERLINE PROJECTS:

SOIL TYPE - CL  
SAFETY FACTOR - 1.5 TO 1.0  
TRENCH TYPE - 4  
TEST PRESSURE - 150 PSI

NOT TO SCALE

DATE: JUNE 2020

STANDARD CONSTRUCTION DRAWING



RESTRAINED JOINTS

DRAWING NO.  
WTR-03