

PVC-RESTRAINT JOINT TYPE PIPE LENGTH (FEET)

FITTING TYPE	DIAMETER (IN)					
	4"	6"	8"	10"	12"	16"
HORIZONTAL BEND						
11.25'	5	5	5	5	5	5
22.5'	5	5	5	5	5	10
45'	5	10	10	10	15	15
90'	10	15	15	20	25	35
VERTICAL BEND						
45'	15	15	20	25	30	40
TEE	5	5	5	5	5	5
VALVE (OPERATING PRESSURE)	15	20	25	30	35	45
VALVE (TESTING PRESSURE)	30	40	50	60	70	90
REDUCER						
6" NOMINAL PIPE	20	-	-	-	-	-
8" NOMINAL PIPE	35	20	-	-	-	-
10" NOMINAL PIPE	50	35	20	-	-	-
12" NOMINAL PIPE	60	50	40	20	-	-
16" NOMINAL PIPE	80	75	65	55	40	-

NOTE:

RJT LENGTHS MAY VARY DEPENDING ON SITE CONDITIONS. LENGTHS SHOWN ARE MINIMUM PER 5' BURRY DEPTH OF WATER MAIN AND, AGGREGATE PIPE BACKFILL.

NOT TO SCALE

CITY OF JOLIET, ILLINOIS

PVC RJT DETAIL
WTR-10

DATE: NOVEMBER 2022