

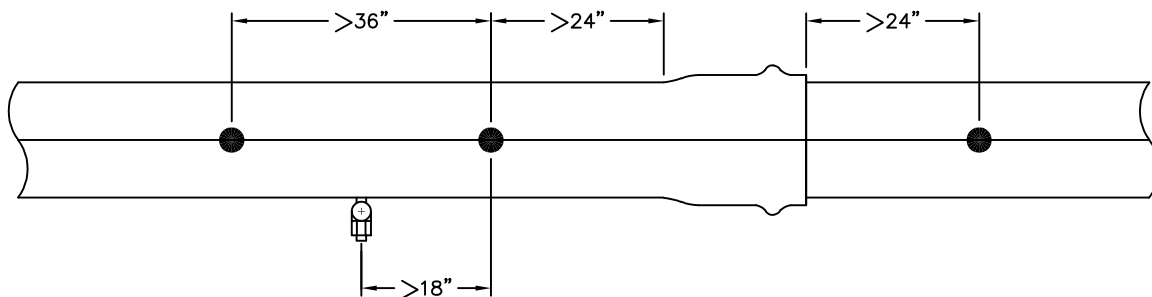
Guidance for Tapping Outlet Sizes: AWWA Pipe						
Pipe Material	Pipe Standard	Size (in.)	DR	Tapping Type		
				Direct Tap	Saddle Tap	Sleeve Tap
PVC	C900	4	ALL	≤1" diameter	≤2" diameter	Up to size-on-size
		6	18	≤1" diameter	≤2" diameter	Up to size-on-size
		8	18	≤1" diameter	≤2" diameter	Up to size-on-size
		10	ALL	≤1" diameter	≤2" diameter	Up to size-on-size
		12	ALL	≤1" diameter	≤2" diameter	Up to size-on-size

Direct Tapping: AWWA Pipe					
Pipe Material	Pipe Standard	Size (in.)	DR	Comment	
				Not recommended	
PVC	C900	4	ALL	≤1" diameter	
		6	18	≤1" diameter	
		8	18	≤1" diameter	
		10	ALL	≤1" diameter	
		12	ALL	≤1" diameter	

#### TAP LOCATION ON MAINLINE PIPE

1. FOR 12-INCH PIPE OR SMALLER, THE TAP SHOULD NOT BE LOCATED CLOSER THAN 24" FROM:

- THE BACK OF THE BELL (WHERE THE BELL TRANSITIONS TO THE BARREL OF THE PIPE)
- THE SPIGOT INSERTION LINE
- JOINT-RESTRAINT HARDWARE



1. FOR 14-INCH PIPE OR LARGER, THE TAP SHOULD NOT BE LOCATED CLOSER THAN 36 INCHES FROM:

- THE BACK OF THE BELL (WHERE THE BELL TRANSITIONS TO THE BARREL OF THE PIPE)
- THE SPIGOT INSERTION LINE
- JOINT-RESTRAINT HARDWARE
- FOR ALL PIPE, STAGGER MULTIPLE TAPS AND KEEP THEM AT LEAST 18 INCHES APART LENGTHWISE. THUS, THE MINIMUM SPACING ALONG THE SAME LINE IS 36 INCHES.