

**LOCAL TECHNICAL AMENDMENT**  
**Pinellas County Construction Licensing Board**  
**FLORIDA BUILDING CODE 8<sup>th</sup> EDITION (2023) - RESIDENTIAL**

Pg. 1 of 2

**AMEND EXISTING SECTION**

**Add:**

**P2903.2.1 Size of water service.** The minimum size water service pipe shall be  $\frac{3}{4}$ " (19 mm). The size of water service mains, branch mains and risers shall be as required per Table P2903.2.1.

**TABLE P2903.2.1 MINIMUM WATER SERVICE SIZE<sup>a</sup>**

**TABLE P2903.2.1**  
**MINIMUM WATER SERVICE SIZE<sup>a</sup>**

<u>NO. OF FIXTURE UNITS FLUSH TANK WC<sup>b</sup></u>	<u>DIAMETER OF WATER PIPE<sup>c</sup></u>	<u>RECOMMENDED METER SIZE (inches)<sup>d</sup></u>	<u>APPROX. PRESSURE LOSS METER + 100' PIPE (psi)<sup>e</sup></u>	<u>NO. OF FIXTURE UNITS FLUSH VALVE WC<sup>b</sup></u>
<u>18</u>	<u><math>\frac{3}{4}</math></u>	<u><math>\frac{5}{8}</math></u>	<u>30</u>	<u>=</u>
<u>19-55</u>	<u>1</u>	<u>1</u>	<u>30</u>	<u>=</u>
<u>=</u>	<u>1</u>	<u>1</u>	<u>30</u>	<u>9</u>
<u>56-85</u>	<u><math>1\frac{1}{4}</math></u>	<u>1</u>	<u>30</u>	<u>=</u>
<u>=</u>	<u><math>1\frac{1}{4}</math></u>	<u>1</u>	<u>30</u>	<u>10-20</u>
<u>8-225</u>	<u><math>1\frac{1}{2}</math></u>	<u><math>1\frac{1}{2}</math></u>	<u>30</u>	<u>=</u>
<u>=</u>	<u><math>1\frac{1}{2}</math></u>	<u><math>1\frac{1}{2}</math></u>	<u>30</u>	<u>21-77</u>
<u>226-350</u>	<u>2</u>	<u><math>1\frac{1}{2}</math></u>	<u>30</u>	<u>=</u>
<u>=</u>	<u>2</u>	<u><math>1\frac{1}{2}</math></u>	<u>30</u>	<u>78-175</u>
<u>351-550</u>	<u>2</u>	<u>2</u>	<u>30</u>	<u>=</u>
<u>=</u>	<u>2</u>	<u>2</u>	<u>30</u>	<u>176-315</u>
<u>551-640</u>	<u><math>2\frac{1}{2}</math></u>	<u>2</u>	<u>30</u>	<u>=</u>
<u>=</u>	<u><math>2\frac{1}{2}</math></u>	<u>2</u>	<u>30</u>	<u>316-392</u>
<u>641-1340</u>	<u>3</u>	<u>3</u>	<u>22</u>	<u>=</u>
<u>=</u>	<u>3</u>	<u>3</u>	<u>22</u>	<u>393-940</u>

**ADD TABLE FOOTNOTES:**

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Pg. 2 of 2

- a. Table is applicable for both copper and plastic water piping.
- b. See Table P3004.1 for fixture unit values.
- c. Minimum water service shall be ¾" to control valve.
- d. All secondary submeters and backflow assemblies shall be at least the same size as the line in which they are installed.
- e. Table based on minimum water main pressure of 50 psi.
- f. Minimum sizes for fixture supply pipe from the main or from the riser shall be from the Florida Building Code 8<sup>th</sup> Edition (2023) - Plumbing Section 604.5.
- g. Four (4) fixtures maximum (hot or cold) may connect to a one-half inch fixture water supply or as required by manufacturers' installation instructions.
- h. Where the water main pressure falls below 50 psi the next larger pipe size shall be used.
- i. Buildings above three (3) stories in height shall use the next larger pipe size.

**Local Conditions and Need:** Adds more limitations to control pipe sizing.

**Fiscal Impact Statement:** Cost per installation will be controlled due to added limitations.

**Effective Date:** Upon Board Approval and posting on the Commission website.

**Effect of Implementation:** This amendment if implemented would not discriminate against materials, products, or construction techniques of demonstrated capabilities.