

LOCAL TECHNICAL AMENDMENT

FLORIDA BUILDING CODE 6th EDITION (2017) - RESIDENTIAL

AMEND EXISTING SECTION

TABLE P2903.2b MINIMUM WATER SERVICE SIZE^a

AMEND FOOTNOTES:

TABLE P2903.2b
MINIMUM WATER SERVICE SIZE^a

<u>NO. OF FIXTURE UNITS FLUSH TANK WC^b</u>	<u>DIAMETER OF WATER PIPE^c</u>	<u>RECOMMENDED METER SIZE (inches)^d</u>	<u>APPROX. PRESSURE LOSS METER + 100' PIPE (psi)^e</u>	<u>NO. OF FIXTURE UNITS FLUSH VALVE WC^b</u>
<u>18</u>	<u>3/4</u>	<u>5/8</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>1 ¼</u>	<u>1</u>	<u>30</u>	<u>-</u>
<u>-</u>	<u>1 ¼</u>	<u>1</u>	<u>30</u>	<u>10-20</u>
<u>8-225</u>	<u>1 ½</u>	<u>1 ½</u>	<u>30</u>	<u>-</u>
<u>-</u>	<u>1 ½</u>	<u>1 ½</u>	<u>30</u>	<u>21-77</u>
<u>226-350</u>	<u>2</u>	<u>1 ½</u>	<u>30</u>	<u>-</u>
<u>-</u>	<u>2</u>	<u>1 ½</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>2 ½</u>	<u>2</u>	<u>30</u>	<u>-</u>
<u>-</u>	<u>2 ½</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>

AMEND FOOTNOTES:

a. Table is applicable for both copper and plastic water piping.

b. See Table P3004.1 for fixture unit values.

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- 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 5th Edition (2014) - 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 p.s.i. 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: Effective date of Florida Building Code 6th Edition (2017) - Residential.

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