

ORDINANCE #2006-6

**AN ORDINANCE AMENDING THE TOWN OF PONCHA SPRINGS
STANDARD DESIGN CRITERIA AND STANDARD CONSTRUCTION
REQUIREMENTS**

WHEREAS, Change Order #9, for Little River Ranch has been presented to the Board of Trustees, proposing the use of SDR 9 P.R. 200 pure-core poly pipe in place of copper for water service lines; and

WHEREAS, the Town's engineer advises that the advantages to using high density polyethylene (HDPE) tubing are: (1) it is crush resistant, (2) it is non-corrosive, (3) it uses the same kind of compression fittings as copper, and (4) the pipe carries a 50-year warranty; and

WHEREAS, the Town's engineer advises that the disadvantage to using HDPE is that the inside diameter is less than the equivalent size copper pipe, and there could be a significantly lower capacity for long service lines.

NOW THEREFORE BE IT ORDAINED: that "#1.4 Service Lines, Section 01010, Water Line Design Criteria," of the Town of Poncha Springs "Standard Design Criteria and Standard Construction Requirements" is hereby amended as follows:

B. Service lines shall be ... A.W.W.A. Manual of Water Supply Practices, entitled "Sizing Water Service Lines and Meters." **Service lines ¾" through 2" shall be Type K Copper Tubing conforming to ASTM B-88 and ASTM B-251, or High Density Polyethylene Tubing, SDR 9, 200 psi pressure rating, meeting the requirements of ASTM 2737 and AWWA C901 with Copper Tube Size outside diameter. For either material, brass compression fittings shall be used. Stainless steel inserts shall be used with HDPE fittings. Service line fittings shall be of like materials.**

BE IT FURTHER ORDAINED: that Figures 5 and 6, of the "Standard Design Criteria and Standard Construction Requirements" are also hereby amended to allow HDPE tubing as an alternative to copper tubing.

PASSED AND APPROVED, this **9th** day of **October, 2006**.

/s/ _____
Mark F. Thonhoff, Mayor

ATTEST:

/s/ _____
Diana K. Heeney
CMC/Treasurer