

Alto Lakes Special Zoning District

Application for Zoning Permit – New Construction Addendum

Date Filed		Date heard:	
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Legal	Subdivision		Unit	
	Block		Lot/Tract	

Water Conservation provisions for New Construction (Ordinance Section 17-B)

<p><u>Reverse Osmosis and Filtration systems.</u> Reverse Osmosis system use pressure and a membrane to pass drinking quality water through the system. The brine discharge (waste) from household Reverse Osmosis systems ranges between 4 and 10 gallons for every gallon of drinking quality water produced. Filtration systems use replaceable filters that catch and hold the impurities.</p> <p>Systems permitted in all zones.</p> <ol style="list-style-type: none"> 1. Whole house and drinking water filter systems that use replaceable filters. This avoids wasting water through brine discharge. 2. Reverse Osmosis systems that provide water only for human and pet consumption are permitted. Reverse Osmosis systems shall be connected to drinking water and ice dispensers exclusively. <p>Systems prohibited in all zones. Reverse Osmosis systems intended to provide water for purposes other than human consumption are prohibited in new construction. Use, replacement and upgrade of existing systems is permitted but is discouraged. This includes “full-house” Reverse Osmosis systems.</p>
<p><u>Water Softeners.</u></p> <p>Permitted control units. On demand water softeners that monitor the amount of water used and recharge when remaining capacity falls below the reserve level. The reserve level shall not be set to exceed twenty percent.</p> <p>Prohibited control units. Timer based water softeners that recharge at fixed time intervals regardless of water usage are prohibited in new construction. Use of existing systems is permitted but is discouraged.</p>
<p><u>Hot Water Systems.</u></p> <p>Permitted design. Hot water systems that provide immediate hot water at the tap. This includes systems that:</p> <ol style="list-style-type: none"> 1. Include a heater located adjacent or in vicinity of the tap. 2. Continuously recirculate hot water between the heater and the tap <p>Prohibited design. Hot water systems that require the user to wait for hot water to transit the hot water line from heater to tap are prohibited in new construction. Use, replacement and upgrade of existing systems is permitted but is discouraged. Retrofit using a permitted design is strongly encouraged where practical.</p>

Property owner(s) hereby certify, under penalty of law that they and their contractor will fully comply with the Water Conservation provisions of Section 17 of the ALSZD Comprehensive Zoning and Land Use Ordinance.

Signature of Property Owner(s): _____

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