



500 West Fulton Street
Sanford, Florida 32771

P.O. Box 2808
Sanford, Florida 32772-2808

Phone: 407.322.6841
Fax: 407.330.0639

www.cphengineers.com

June 18, 2010

Ms. Kathy Winburn, AICP
City of Alachua
Planning & Community Development Director
15100 NW 142nd Terrace
Alachua, Florida 32615

**RE: Wal-Mart Store # 3873-00 Alachua, Florida
Landscape Xeriscape Compliance
CPH Project Number: W13392**

Dear Ms. Winburn:

We are proposing a landscape plan that we believe complies with the City of Alachua's Xeriscape requirements. As you know "xeriscape" does not mean "zero scape". In order to meet your general landscape provisions in terms of tree coverage, buffering and mitigation you will see that our plan is very thoroughly landscaped. However in keeping with the general principles of xeriscaping that include a common sense approach to irrigation and plant material selection we have carefully prepared a plan that follows those principles.

First and foremost, over 97% of our proposed trees are native and all are drought tolerant while all of our shrubs and ground covers are drought tolerant and proven performers in this climate. We have eliminated small areas of sod that are impossible to efficiently irrigate. The only sod we propose is the extremely drought tolerant bahia and only in larger open areas.

Secondly, we propose an irrigation system that efficiently irrigates the proposed material through establishment and extreme drought periods. Shrubs/groundcover, trees and sod are all irrigated on separate zones. The trees, shrubs and groundcover areas are watered utilizing drip irrigation only. As you know that method applies water to the plant only where it needs it: the roots. No spraying is involved thereby significantly reducing the amount of water wasted through evaporation of fine spray mist. The remaining sod areas are irrigated using efficient turf rotors that will be judiciously applied as needed.

Thirdly, we also propose to irrigate a portion of the site utilizing captured rain water from the roof of the store. This prototypical system is state of the art and will hopefully demonstrate that this type of method can be more widely implemented for similar projects.

Please do not hesitate to contact us if you need any additional information or have any questions.

Sincerely,

Galen J. Pugh, RLA.
Sr. Landscape Architect

Cc: David Theriaque, P.A., Theriaque Vorbeck & Spain

