

VISTA PARKS

LANDSCAPING, INC. / DESIGN BUILD

12-14-2017

NACC Recycled Water Use

This information is in response to the comment dated 7/18/2014 " GB: Please provide back-up information for the irrigation demands for each building. (01/09/15, PW): Provide landscape demand back-up calculations from landscape architect.

Bldgs E, G are based loosely on the final water use calculations from NACC Bldg D which has a completed Irrigation Plan with commensurate water use numbers based on the Irrigation Schedule. Bldg D uses 47% of the Estimated Total Water Use based on the WELO formula.

These buildings have been drawn with similar plant species with similar water needs. The irrigation systems are also similar to what is being used at Bldg D.

The following are the MAWA and ETWU formula results for buildings E and G, with Projected Water Use quantities, using the same formulas used for Bldg D. The difference between the Estimated Total Water Use amount and the Projected Water Use amount is shown as a percentage.

Bldg D's percentage of ETWU is 47% and an additional 10% is used below as a cushion (total 57% of ETWU).

BUILDING	MAWA	ETWU	PROJECTED	% OF ETWU
Bldg E	453,485	251,966	143,620	57%
Bldg G	1,021,697	567,603	323,533	57%

Amounts are in gallons per year.

Eric Dearing, Vice President, Vista Parks Landscaping, Inc. Date