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### REPORT TO COUNCIL

#### SUBJECT

Washington Community Swim Center Update (Information Only)

#### BACKGROUND

At the July 11, 2017 meeting, City Council approved the recommended conceptual design for the Washington Community Swim Center (Attachment 1) with direction to add a zero-depth entry, include a barrier between the splash pad and the sport pool, explore widening the sport pool, and to provide an informational report to council when those items have been incorporated (RTC No. 17-0670). Additionally, during and following the meeting, there were several questions about the best use of the rooftop solar zones of the new buildings.

This informational report contains the revised conceptual design with some detail about the changes and provides information about the status of the solar study.

#### DISCUSSION

Some discussion of the changes to the Revised Conceptual Design (Attachment 2) follows:

**Zero Depth Entry-** The zero-depth entry has been added as directed. In addition, the pool has been rotated 180 degrees so that the zero-depth entry edge is closer to the main entry and the splash pad. Also, since the zero-depth entry replaced the original step-in entry, a set of stairs has been added to the opposite end of the pool to comply with code requirements and to provide an additional access point at that southerly edge of the pool.

**Splash Pad Barrier-** A concrete seat bench has been added to the edge of the splash pad to provide a barrier to separate the splash pad from the pool. The shape of the splash pad has also been adjusted to better accommodate the space.

**Sport Pool Width-** The sport pool has been widened so that the shallow side and the deep side are both 32 feet wide and 25 yards long. This will provide additional instructional and play area in the shallow side and allow up to four lap lanes in the deep side. The additional width was accommodated by extending the east edge of the pool deck out to the edge of the existing landscaping along S. Pastoria Avenue. The additional water area is not anticipated to require increasing the maintenance building.

Some other adjustments to the pool depths have been made to account for the new zero-depth entry and to minimize the operational concerns that were expressed at the Council meeting. The depth of the deep end has been increased from 6.5 feet to 7 feet to allow for the option of diving off blocks, and the south end of the pool (bottom of the "U") is now a consistent 3 feet 6 inches in depth and 20 feet wide to maximize the amount usable instructional space. The width of the deck peninsula

separating the two sides of the pool has not been determined yet and will be dependent upon filtration systems, drainage systems and code requirements. Staff will work with the architect to see if the width can be reduced to achieve additional deck space instead.

The additional construction costs for these changes are estimated to be about \$315,000 beyond the current budget. This is primarily attributed to widening of the sport pool and associated enlargement of the project site by 1,500 square feet as described above. Upon receipt of bids, additional costs may require a budget modification when the construction contract is awarded. If necessary, these additional costs are anticipated to be funded through fees collected in the Park Dedication Fund.

**Solar Study-** The expected energy needs of the approved pool and buildings will be estimated and used to evaluate options for a solar electric system and/or a solar water heating system. Staff is working with an independent consultant, Optony Inc. from Santa Clara, on a Solar Feasibility Assessment to help analyze and identify the solar option that can be expected to have the greatest likelihood of resulting in operational savings for the City. The City has recently worked with Optony on Feasibility Assessments for other City facilities, and they plan to use a consistent approach to evaluate this facility. This assessment is expected to take approximately two months and the results will be shared with City Council in a City Manager's Biweekly Report.

### **PUBLIC CONTACT**

Public contact was made by posting the Council agenda on the City's official-notice bulletin board outside City Hall, at the Sunnyvale Senior Center, Community Center and Department of Public Safety; and by making the agenda and report available at the Sunnyvale Public Library, the Office of the City Clerk and on the City's website.

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### **ATTACHMENTS**

1. Recommended Concept

2. Revised Concept