# RESERVE ANALYSIS REPORT

### The Towers At Lakepoint Association, Inc.

Frisco, Colorado Version 3 June 20, 2016





### ADVANCED RESERVE SOLUTIONS, INC.

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### **Table of Contents**

	Pag
Preface	i
Executive Summary	1
Disclosure Statement	2
Calculation of Percent Funded	3
Management Summary	6
Management Charts	9
Annual Expenditure Detail	11
Projections	16
Projection Charts	17
Component Detail	19
Index	60

This preface is intended to provide an introduction to the enclosed reserve analysis as well as detailed information regarding the reserve analysis report format, reserve fund goals/objectives and calculation methods. The following sections are included in this preface:

Introduction to Reserve Budgeting	page i
Understanding the Reserve Analysis	
Reserve Funding Goals / Objectives	page ii
Reserve Funding Calculation Methods	
Reading the Reserve Analysis	page v
Glossary of Key Terms	
Limitations of Reserve Analysis	

#### ♦ ♦ ♦ ♦ INTRODUCTION TO RESERVE BUDGETING • • • •

The Board of Directors of an association has a legal and fiduciary duty to maintain the community in a good state of repair. Individual unit property values are significantly impacted by the level of maintenance and upkeep provided by the association as well as the amount of the regular assessment charged to each owner.

A prudent plan must be implemented to address the issues of long-range maintenance, repair and replacement of the common areas. Additionally, the plan should recognize that the value of each unit is affected by the amount of the regular assessment charged to each unit.

There is a fine line between "not enough," "just right" and "too much." Each member of an association should contribute to the reserve fund for their proportionate amount of "depreciation" (or "use") of the reserve components. Through time, if each owner contributes his "fair share" into the reserve fund for the depreciation of the reserve components, then the possibility of large increases in regular assessments or special assessments will be minimized.

An accurate reserve analysis and a "healthy" reserve fund are essential to protect and maintain the association's common areas and the property values of the individual unit owners. A comprehensive reserve analysis is one of the most significant elements of any association's long-range plan and provides the critical link between sound business judgment and good fiscal planning. The reserve analysis provides a "financial blueprint" for the future of an association.

#### ♦ ♦ ♦ ♦ UNDERSTANDING THE RESERVE ANALYSIS ♦ ♦ ♦ ♦

In order for the reserve analysis to be useful, it must be understandable by a variety of individuals. Board members (from seasoned, experienced Board members to new Board members), property managers, accountants, attorneys and even homeowners may ultimately review the reserve analysis. The reserve analysis must be detailed enough to provide a comprehensive analysis, yet simple enough to enable less experienced individuals to understand the results.

There are four key bits of information that a comprehensive reserve analysis should provide: Budget, Percent Funded, Projections and Inventory. This information is described as follows:

#### **Budget**

Amount recommended to be transferred into the reserve account for the fiscal year for which the reserve analysis was prepared. In some cases, the reserve analysis may present two or more funding plans based on different goals/objectives. The Board should have a clear understanding of the differences among these funding goals/objectives prior to implementing one of them in the annual budget.

#### **Percent Funded**

Measure of the reserve fund "health" (expressed as a percentage) as of the beginning of the fiscal year for which the

reserve analysis was prepared. This figure is the ratio of the actual reserve fund on hand to the fully funded balance. A reserve fund that is "100% funded" means the association has accumulated the proportionately correct amount of money, to date, for the reserve components it maintains.

#### **Projections**

Indicate the "level of service" the association will provide the membership as well as a "road map" for the fiscal future of the association. The projections define the timetables for repairs and replacements, such as when the buildings will be painted or when the asphalt will be seal coated. The projections also show the financial plan for the association – when an underfunded association will "catch up" or how a properly funded association will remain fiscally "healthy."

#### Inventory

Complete listing of the reserve components. Key bits of information are available for each reserve component, including placed-in-service date, useful life, remaining life, replacement year, quantity, current cost of replacement, future cost of replacement and analyst's comments.

#### ♦ ♦ ♦ ♦ RESERVE FUNDING GOALS / OBJECTIVES ♦ ♦ ♦ ♦

There are four reserve funding goals/objectives which may be used to develop a reserve funding plan that corresponds with the risk tolerance of the association: Full Funding, Baseline Funding, Threshold Funding and Statutory Funding. These goals/objectives are described as follows:

#### Full Funding

Describes the goal/objective to have reserves on hand equivalent to the value of the deterioration of the each reserve component. The objective of this funding goal is to achieve and/or maintain a 100% percent funded reserve fund. The component calculation method or cash flow calculation method is typically used to develop a full funding plan.

#### **Baseline Funding**

Describes the goal/objective to have sufficient reserves on hand to never completely run out of money. The objective of this funding goal is to simply pay for all reserve expenses as they come due without regard to the association's percent funded. The cash flow calculation method is typically used to develop a baseline funding plan.

#### Threshold Funding

Describes the goal/objective other than the 100% level (full funding) or just staying cash-positive (baseline funding). This threshold goal/objective may be a specific percent funded target or a cash balance target. Threshold funding is often a value chosen between full funding and baseline funding. The cash flow calculation method is typically used to develop a threshold funding plan.

#### Statutory Funding

Describes the pursuit of an objective as described or required by local laws or codes. The component calculation method or cash flow calculation method is typically used to develop a statutory funding plan.

#### ♦ ♦ ♦ ♦ RESERVE FUNDING CALCULATION METHODS ♦ ♦ ♦ ♦

There are two funding methods which can be used to develop a reserve funding plan based on a reserve funding goal/ objective: Component Calculation Method and Cash Flow Calculation Method. These calculation methods are described as follows:

#### **Component Calculation Method**

This calculation method develops a funding plan for each individual reserve component. The sum of the funding plan for each component equals the total funding plan for the association. This method is often referred to as the "straight line"

method and is widely believed to be the most conservative reserve funding method. This method structures a funding plan that enables the association to pay all reserve expenditures as they come due, enables the association to achieve the ideal level of reserves in time, and then enables the association to maintain the ideal level of reserves through time. The following is a detailed description of the component calculation method:

Step 1: Calculation of fully funded balance for each component

The fully funded balance is calculated for each component based on its age, useful life and current cost. The actual formula is as follows:

Fully Funded Balance = 
$$\frac{Age}{Useful Life}$$
 X Current Cost

#### Step 2: Distribution of current reserve funds

The association's current reserve funds are assigned to (or distributed amongst) the reserve components based on each component's remaining life and fully funded balance as follows:

Pass 1: Components are organized in remaining life order, from least to greatest, and the current reserve funds are assigned to each component up to its fully funded balance, until reserves are exhausted.

Pass 2: If all components are assigned their fully funded balance and additional funds exist, they are assigned in a "second pass." Again, the components are organized in remaining life order, from least to greatest, and the remaining current reserve funds are assigned to each component up to its current cost, until reserves are exhausted.

Pass 3: If all components are assigned their current cost and additional funds exist, they are assigned in a "third pass." Components with a remaining life of zero years are assigned double their current cost.

Distributing, or assigning, the current reserve funds in this manner is the most efficient use of the funds on hand – it defers the make-up period of any underfunded reserves over the lives of the components with the largest remaining lives.

Step 3: Developing a funding plan

After step 2, all components have a "starting" balance. A calculation is made to determine what funding would be required to get from the starting balance to the future cost over the number of years remaining until replacement. The funding plan incorporates the annual contribution increase parameter to develop a "stair stepped" contribution.

For example, if an association needs to accumulate \$100,000 in ten years, \$10,000 could be contributed each year. Alternatively, the association could contribute \$8,723 in the first year and increase the contribution by 3% each year thereafter until the tenth year.

In most cases, this rate should match the inflation parameter. Matching the annual contribution increase parameter to the inflation parameter indicates, in theory, that member contributions should increase at the same rate as the cost of living (inflation parameter). Due to the "time value of money," this creates the most equitable distribution of member contributions through time.

Using an annual contribution increase parameter that is greater than the inflation parameter will reduce the burden to the current membership at the expense of the future membership. Using an annual contribution increase parameter that is less than the inflation parameter will increase the burden to the current membership to the benefit of the future membership. The following chart shows a comparison:

	<u>0% Increase</u>	3% Increase	10% Increase
Year 1	\$10,000.00	\$8,723.05	\$6,274.54
Year 2	\$10,000.00	\$8,984.74	\$6,901.99
Year 3	\$10,000.00	\$9,254.28	\$7,592.19
Year 4	\$10,000.00	\$9,531.91	\$8,351.41
Year 5	\$10,000.00	\$9,817.87	\$9,186.55
Year 6	\$10,000.00	\$10,112.41	\$10,105.21
Year 7	\$10,000.00	\$10,415.78	\$11,115.73
Year 8	\$10,000.00	\$10,728.25	\$12,227.30
Year 9	\$10,000.00	\$11,050.10	\$13,450.03
Year 10	\$10,000.00	\$11,381.60	\$14,795.04
TOTAL	\$100,000.00	\$100,000.00	\$100,000.00

This parameter is used to develop a funding plan only; it does not mean that the reserve contributions must be raised each year. There are far more significant factors that will contribute to a total reserve contribution increase or decrease from year to year than this parameter.

One of the major benefits of using this calculation method is that for any single component (or group of components), the accumulated balance and reserve funding can be precisely calculated. For example, using this calculation method, the reserve analysis can indicate the exact amount of current reserve funds "in the bank" for the roofs and the amount of money being funded towards the roofs each month. This information is displayed on the Management / Accounting Summary and Charts as well as elsewhere within the report.

The component calculation method is typically used for well-funded associations (greater that 65% funded) with a goal/objective of full funding.

#### Cash Flow Calculation Method

This calculation method develops a funding plan based on current reserve funds and projected expenditures during a specific timeframe (typically 30 years). This funding method structures a funding plan that enables the association to pay for all reserve expenditures as they come due, but is not necessarily concerned with the ideal level of reserves through time.

This calculation method tests reserve contributions against reserve expenditures through time to determine the minimum contribution necessary (baseline Funding) or some other defined goal/objective (full funding, threshold funding or statutory funding).

Unlike the component calculation method, this calculation method cannot precisely calculate the reserve funding for any single component (or group of components). In order to work-around this issue to provide this bookkeeping information, a formula has been applied to component method results to calculate a reasonable breakdown. This information is displayed on the Management / Accounting Summary and Charts as well as elsewhere within the report.

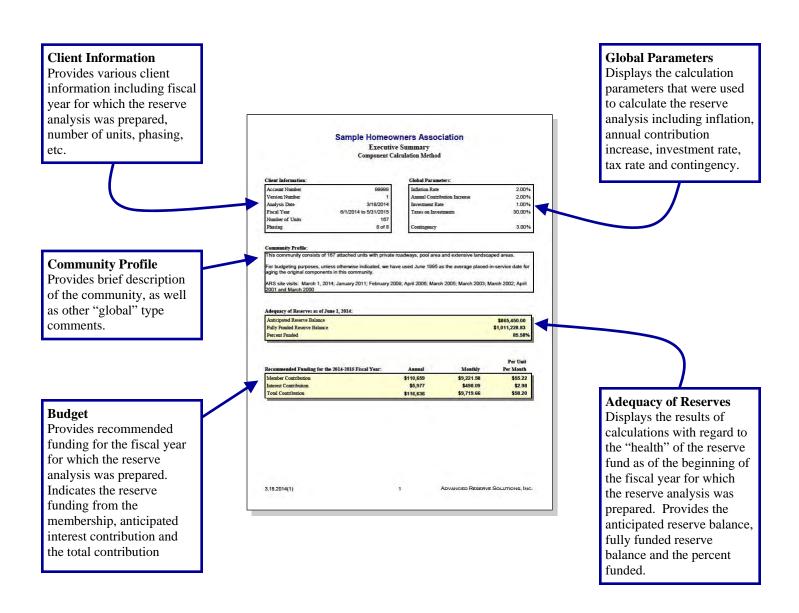
The cash flow calculation method is typically used for under-funded associations (less than 65% funded) with a goal/objective of full funding, threshold funding, baseline funding or statutory funding.

#### ♦ ♦ ♦ ♦ READING THE RESERVE ANALYSIS ♦ ♦ ♦ ♦

In some cases, the reserve analysis may be a lengthy document of one hundred pages or more. A complete and thorough review of the reserve analysis is always a good idea. However, if time is limited, it is suggested that a thorough review of the summary pages be made. If a "red flag" is raised in this review, the reader should then check the detail information, of the component in question, for all relevant information. In this section, a description of most of the summary or report sections is provided along with comments regarding what to look for and how to use each section.

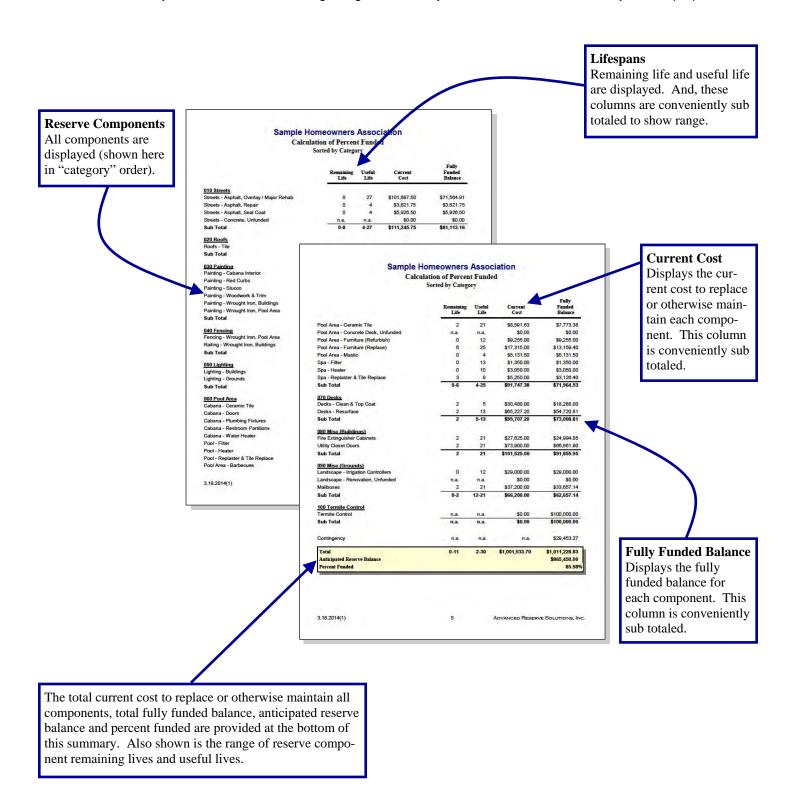
#### **Executive Summary**

Provides general information about the client, global parameters used in the calculation of the reserve analysis as well as the core results of the reserve analysis.



#### Calculation of percent funded

Summary displays all reserve components, shown here in "category" order. Provides the remaining life, useful life, current cost and the fully funded balance at the beginning of the fiscal year for which the reserve analysis was prepared.



#### **Management / Accounting Summary and Charts**

distributed amongst the reserve components and how the components are funded.

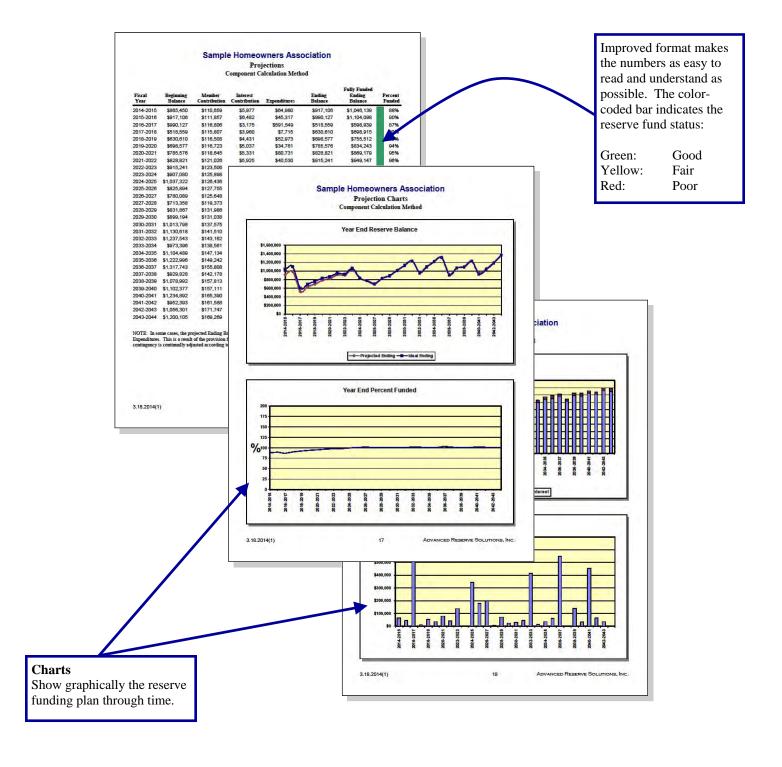
Summary displays all reserve components, shown here in "category" order. Provides the assigned reserve funds at the beginning of the fiscal year for which the reserve analysis was prepared along with the monthly member contribution, interest contribution and total contribution for each component and category. Pie charts show graphically how the total reserve fund is distributed amongst the reserve component categories and how each category is funded on a monthly basis.

#### **Balance at FYB** Sample Homeowners Association Shows the amount of Management / Accounting Summary Component Calculation Method; Sorted by Category reserve funds assigned to Balance at Fiscal Year Beginning each reserve component. And, this column is 010 Streets Streets - Asphalt, Overlay / Major R \$949.69 \$17.637.90 \$083.07 conveniently sub totaled. Streets - Asphalt, Repair \$3,621.75 \$78.20 \$0.25 \$78.45 Streets - Asphalt Seal Coal \$5,926.50 \$127.96 \$0.41 \$128.37 Streets - Concrete, Unfunded Sub Total \$27,186,15 \$1,155.84 \$14.04 \$1.169.88 020 Roofs Sub Total Sample Homeowners Association 030 Painting Painting - Cab Management / Accounting Summary conent Calculation Method; Sorted by Category Painting - Red Curbs Painting - Stucco Painting - Woodwork & Trim Fiscal Year Beginning Painting - Wrought Iron, Building \$3,250.00 Sub Total Pool - Replaster & Tile Replac \$7,070.58 \$148.78 \$151.37 Pool Area - Barbecues Pool Area - Ceramic Tile \$1 010 00 \$29.98 040 Fencing Fencing - Wrought Iron, Pool Area Railing - Wrought Iron, Buildings Pool Area - Concrete Deck, Unfun \$0.00 \$0.00 \$0.00 \$0.00 Pool Area - Furniture (Refurbish) \$9.255.00 \$70.05 \$0.23 \$70.27 Pool Area - Furniture (Replace) 050 Liahtina Lighting - Buildings Pool Area - Mastic \$5,131.50 \$110.79 \$0.36 \$111.15 Spa - Filter \$12.11 sn na iation Sub Total Spa - Replaster & Tile Replace \$3,126.40 \$64.12 \$2.04 \$66.15 060 Pool Area Cabana - Ceramic Tile Cabana - Doors Sub Total 070 Decks Decks - Clean & \$18,288.00 \$539.52 \$12.44 \$551.96 Cabana - Plumbing Fixtures \$73,008.81 \$1,046.45 \$46.09 \$1,092.54 Pool - Filter **Monthly Funding Utility Closet Doors** \$372.15 \$40.32 \$412.47 3 18 2014(1) Sub Total Displays the monthly 090 Misc (Grounds) funding for each \$29,000.00 \$219.48 \$220.19 \$0.00 \$0.00 \$0.00 \$0.00 component from the \$187.33 Sub Total \$62,657,14 \$406.82 \$21.00 \$427.82 members and interest. 100 Termite Control Total monthly funding is \$100,000.00 \$58.52 Sub Total \$0.00 \$58.52 also indicated. And, \$268.59 \$15.61 these columns are Total \$865,450.00 \$498.09 \$9,719.66 \$9,221.58 conveniently sub totaled. 3.18.2014(1) Pie Charts Show graphically how the reserve fund is

3.18.2014(1)

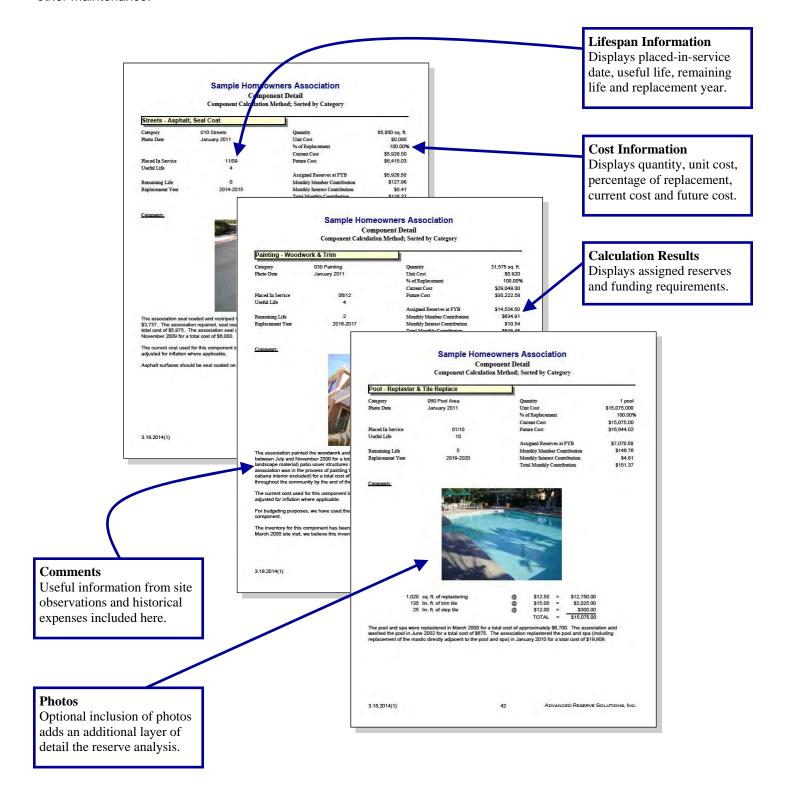
#### **Projections and Charts**

Summary displays projections of beginning reserve balance, member contribution, interest contribution, expenditures and ending reserve balance for each year of the projection period (shown here for 30 years). The two columns on the right-hand side provide the fully funded ending balance and the percent funded for each year. Charts show the same information in an easy-to-understand graphic format.



#### **Component Detail**

Summary provides detailed information about each reserve component. These pages display all information about each reserve component as well as comments from site observations and historical information regarding replacement or other maintenance.



#### ♦ ♦ ♦ ♦ GLOSSARY OF KEY TERMS ♦ ♦ ♦ ♦

#### **Annual Contribution Increase Parameter**

The rate used in the calculation of the funding plan. This rate is used on an annual compounding basis. This rate represents, in theory, the rate the association expects to increase contributions each year.

In most cases, this rate should match the inflation parameter. Matching the annual contribution increase parameter to the inflation parameter indicates, in theory, that member contributions should increase at the same rate as the cost of living (inflation parameter). Due to the "time value of money," this creates the most equitable distribution of member contributions through time.

This parameter is used to develop a funding plan only; it does not mean that the reserve contributions must be raised each year. There are far more significant factors that will contribute to a total reserve contribution increase or decrease from year to year than this parameter. See the description of "reserve funding calculation methods" in this preface for more detail on this parameter.

#### **Anticipated Reserve Balance (or Reserve Funds)**

The amount of money, as of a certain point in time, held by the association to be used for the repair or replacement of reserve components. This figure is "anticipated" because it is calculated based on the most current financial information available as of the analysis date, which is almost always prior to the fiscal year beginning date for which the reserve analysis is prepared.

#### Assigned Funds (and "Fixed" Assigned Funds)

The amount of money, as of the fiscal year beginning date for which the reserve analysis is prepared, that a reserve component has been assigned.

The assigned funds are considered "fixed" when the normal calculation process is bypassed and a specific amount of money is assigned to a reserve component. For example, if the normal calculation process assigns \$10,000 to the roofs, but the association would like to show \$20,000 assigned to roofs, "fixed" funds of \$20,000 can be assigned.

#### **Cash Flow Calculation Method**

Reserve funding calculation method developed based on total annual expenditures. A more detailed description of the actual calculation process is included in the "reserve funding calculation methods" section of the preface.

#### **Component Calculation Method**

Reserve funding calculation method developed based on each individual component. A more detailed description of the actual calculation process is included in the "reserve funding calculation methods" section of the preface.

#### **Contingency Parameter**

The rate used as a built-in buffer in the calculation of the funding plan. This rate will assign a percentage of the reserve funds, as of the fiscal year beginning, as contingency funds and will also determine the level of funding toward the contingency each month.

#### **Current Replacement Cost**

The amount of money, as of the fiscal year beginning date for which the reserve analysis is prepared, that a reserve component is expected to cost to replace.

#### Fiscal Year

Indicates the budget year for the association for which the reserve analysis was prepared. The fiscal year beginning (FYB) is the first day of the budget year; the fiscal year end (FYE) is the last day of the budget year.

#### Fully Funded Reserve Balance (or Ideal Reserves)

The amount of money that should theoretically have accumulated in the reserve fund as of a certain point in time. Fully funded reserves are calculated for each reserve component based on the current replacement cost, age and useful life:

Fully Funded Reserves = 
$$\frac{Age}{Useful Life}$$
 X Current Replacement Cost

The fully funded reserve balance is the sum of the fully funded reserves for each reserve component.

An association that has accumulated the fully funded reserve balance does not have all of the funds necessary to replace all of its reserve components immediately; it has the proportionately appropriate reserve funds for the reserve components it maintains, based on each component's current replacement cost, age and useful life.

#### **Future Replacement Cost**

The amount of money, as of the fiscal year during which replacement of a reserve component is scheduled, that a reserve component is expected to cost to replace. This cost is calculated using the current replacement cost compounded annually by the inflation parameter.

#### **Global Parameters**

The financial parameters used to calculate the reserve analysis. See also "inflation parameter," "annual contribution increase parameter," "investment rate parameter," and "taxes on investments parameter."

#### **Inflation Parameter**

The rate used in the calculation of future costs for reserve components. This rate is used on an annual compounding basis. This rate represents the rate the association expects to the cost of goods and services relating to their reserve components to increase each year.

#### **Interest Contribution**

The amount of money contributed to the reserve fund by the interest earned on the reserve fund and member contributions.

#### **Investment Rate Parameter**

The gross rate used in the calculation of interest contribution (interest earned) from the reserve balance and member contributions. This rate (net of the taxes on investments parameter) is used on a monthly compounding basis. This parameter represents the weighted average interest rate the association expects to earn on their reserve fund investments.

#### **Membership Contribution**

The amount of money contributed to the reserve fund by the association's membership.

#### Monthly Contribution (and "Fixed" Monthly Contribution)

The amount of money, for the fiscal year which the reserve analysis is prepared, that a reserve component will be funded.

The monthly contribution is considered "fixed" when the normal calculation process is bypassed and a specific amount of money is funded to a reserve component. For example, if the normal calculation process funds \$1,000 to the roofs each month, but the association would like to show \$500 funded to roofs each month, a "fixed" contribution of \$500 can be assigned.

#### Number of Units (or other assessment basis)

Indicates the number of units for which the reserve analysis was prepared. In "phased" developments (see phasing), this number represents the number of units, and corresponding common area components, that existed as of a certain point in time.

For some associations, assessments and reserve contributions are based on a unit of measure other than the number of units. Examples include time-interval weeks for timeshare resorts or lot acreage for commercial/industrial developments.

#### **One-Time Replacement**

Used for components that will be budgeted for only once.

#### **Percent Funded**

A measure, expressed as a percentage, of the association's reserve fund "health" as of a certain point in time. This number is the ratio of the anticipated reserve fund balance to the fully funded reserve balance:

Percent Funded =

Anticipated Reserve Fund Balance

Fully Funded Reserve Balance

An association that is 100% funded does not have all of the reserve funds necessary to replace all of its reserve components immediately; it has the proportionately appropriate reserve funds for the reserve components it maintains, based on each component's current replacement cost, age and useful life.

#### Percentage of Replacement

The percentage of the reserve component that is expected to be replaced.

For most reserve components, this percentage should be 100%. In some cases, this percentage may be more or less than 100%. For example, fencing which is shared with a neighboring community may be set at 50%.

#### <u>Phasing</u>

Indicates the number of phases for which the reserve analysis was prepared and the total number of phases expected at build-out (i.e. Phase 4 of 7). In phased developments, the first number represents the number of phases, and corresponding common area components, that existed as of a certain point in time. The second number represents the number of phases that are expected to exist at build-out.

#### **Placed-In-Service Date**

The date (month and year) that the reserve component was originally put into service or last replaced.

#### Remaining Life

The length of time, in years, until a reserve component is scheduled to be replaced.

#### Remaining Life Adjustment

The length of time, in years, that a reserve component is expected to last in excess (or deficiency) of its useful life for the current cycle of replacement.

If the current cycle of replacement for a reserve component is expected to be greater than or less than the "normal" life expectancy, the reserve component's life should be adjusted using a remaining life adjustment.

For example, if wood trim is painted normally on a 4 year cycle, the useful life should be 4 years. However, when it comes time to paint the wood trim and it is determined that it can be deferred for an additional year, the useful life should remain at 4 years and a remaining life adjustment of +1 year should be used.

#### Replacement Year

The fiscal year that a reserve component is scheduled to be replaced.

#### **Reserve Components**

Line items included in the reserve analysis.

#### Taxes on Investments Parameter

The rate used to offset the investment rate parameter in the calculation of the interest contribution. This parameter represents the marginal tax rate the association expects to pay on interest earned by the reserve funds and member contributions.

#### **Total Contribution**

The sum of the membership contribution and interest contribution.

#### **Useful Life**

The length of time, in years, that a reserve component is expected to last each time it is replaced. See also "remaining life adjustment."

#### ♦ ♦ ♦ ♦ LIMITATIONS OF RESERVE ANALYSIS • ♦ ♦ ♦

This reserve analysis is intended as a tool for the association's Board of Directors to be used in evaluating the association's current physical and financial condition with regard to reserve components. The results of this reserve analysis represent the independent opinion of the preparer. There is no implied warranty or guarantee of this work product.

For the purposes of this reserve analysis, it has been assumed that all components have been installed properly, no construction defects exist and all components are operational. Additionally, it has been assumed that all components will be maintained properly in the future.

The representations set forth in this reserve analysis are based on the best information and estimates of the preparer as of the date of this analysis. These estimates are subject to change. This reserve analysis includes estimates of replacement costs and life expectancies as well as assumptions regarding future events. Some estimates are projections of future events based on information currently available and are not necessarily indicative of the actual future outcome. The longer the time period between the estimate and the estimated event, the more likely the possibility or error and/or discrepancy. For example, some assumptions inevitably will not materialize and unanticipated events and circumstances many occur subsequent to the preparation of this reserve analysis. Therefore, the actual replacement costs and remaining lives may vary from this reserve analysis and the variation may be significant. Additionally, inflation and other economic events may impact this reserve analysis, particularly over an extended period of time and those events could have a significant and negative impact on the accuracy of this reserve analysis and, further, the funds available to meet the association's obligation for repair, replacement or other maintenance of major components during their estimated useful life. Furthermore, the occurrence of vandalism, severe weather conditions, earthquakes, floods, acts of nature or other unforeseen events cannot be predicted and/or accounted for and excluded when assessing life expectancy, repair and/or replacement costs of the components.

### **Executive Summary**

#### **Directed Cash Flow Calculation Method**

#### **Client Information:**

Account Number	80181
Version Number	3
Analysis Date	06/20/2016
Fiscal Year	10/1/2016 to 9/30/2017
Number of Units	62
Phasing	1 of 1

#### **Global Parameters:**

Inflation Rate	2.00 %
Annual Contribution Increase	3.00 %
Investment Rate	1.00 %
Taxes on Investments	30.00 %
Contingency	0.00 %

#### **Community Profile:**

The Towers At Lakepoint Association, Inc. is a 62 unit association comprised of 2 tower buildings, 2 garage buildings and 2 two-story structures comprised with 6 LHU's (local housing units) with common areas that include but are not limited to; roofs, interior and exterior paint, windows, front doors, interior and exterior carpet, deck railings, spa and asphalt driveways and parking.

This community was built in 1998. For budgeting purposes, unless otherwise indicated, we have used September 1998 as the average placed in service date for aging the original components included in this analysis.

ARS, Inc. field inspection conducted April 3, 2012 & March 29, 2016.

#### Adequacy of Reserves as of October 1, 2016:

Anticipated Reserve Balance	\$406,737.48
Fully Funded Reserve Balance	\$943,563.16
Percent Funded	43.11%

Per Unit

Recommended Funding for the 2016-2017 Fiscal Year:	Annual	Monthly	Per Month
Member Contribution	\$97,500	\$8,125.00	\$131.05
Interest Contribution	\$2,792	\$232.65	\$3.75
Total Contribution	\$100,292	\$8,357.65	\$134.80

### **Preparer's Disclosure Statement**

THIS RESERVE ANALYSIS REFLECTS THE COMPONENTS AS THEY WERE INTENDED TO HAVE BEEN DESIGNED AND CONSTRUCTED. THIS ANALYSIS DOES NOT INCLUDE ANY EXPENDITURES ANTICIPATED FOR REPAIRS REQUIRED DUE TO DEFECTIVE CONDITIONS.

In April 2011, Richard Hirschman was awarded the Reserve Specialist (RS) designation from Community Associations Institute (CAI). Mr. Hirschman was the two hundredth twenty first (#221) person in the United States to receive this professional designation.

The RS designation was developed by CAI for professional reserve analysts who wish to confirm to their peers and/or clients that they have demonstrated a basic level of competency within the industry. The RS designation is awarded to reserve analysts who are dedicated to the highest standards of professionalism and reserve analysis preparation.

Consultant certifies that:

- 1) Consultant has no other involvement with association which could result in actual or perceived conflicts of interest.
- 2) Consultant made field inspection of community on March 29, 2016. Component inventories were developed by actual field inventory, representative sampling, take-offs of scaled plans, provided by the association's previous reserve analysis prepared by another firm or provided by the association.

Component conditional assessments were developed by actual field observation and representative sampling.

- 3) Financial assumptions used in this analysis are listed on the Executive Summary and further explained in the Preface of this report.
- 4) Consultant is a Reserve Specialist (RS) designee.
- 5) This analysis is an update of a previous reserve analysis prepared by our firm.
- 6) There are no material issues known to consultant at this time which would cause a distortion of the association's situation.

### **Calculation of Percent Funded**

**Sorted by Category** 

	Remaining Life	Useful Life	Current Cost	Fully Funded Balance
010 Grounds				
Grounds - Asphalt, Overlay	22	40	\$155,411.25	\$69,935.06
Grounds - Asphalt, Repair & Seal Coat	2	6	\$5,000.00	\$3,333.33
Grounds - Concrete, Drainage Pan (Newer) Unfund	n.a.	n.a.	\$0.00	\$0.00
Grounds - Concrete, Drainage Pans (Older) Unfund	n.a.	n.a.	\$0.00	\$0.00
Grounds - Concrete, Sidewalks	0	4	\$3,225.25	\$3,225.25
Grounds - Landscape Refurbishment	7	10	\$5,000.00	\$1,500.00
Grounds - Lighting	12	30	\$31,600.00	\$18,960.00
Grounds - Replacement Sprinkler Heads, Recalled	36	39	\$11,000.00	\$846.15
Grounds - Sign, Monument	1	19	\$5,000.00	\$4,736.84
Grounds - Trash Structure	15	24	\$5,000.00	\$1,875.00
Sub Total	0-36	4-40	\$221,236.50	\$104,411.64
020 Roofs	_		•	•
Roofs - EPDM, Flat	7	25	\$204,286.50	\$147,086.28
Roofs - Metal, Unfunded	n.a.	n.a.	\$0.00	\$0.00
Sub Total	7	25	\$204,286.50	\$147,086.28
030 Painting	0	0	<b>#</b> 400.047.00	Φο οο
Painting - Exterior Stucco, Phase 1	8	8	\$100,347.00	\$0.00
Painting - Hardee Plank Siding, LHU's	4	4	\$24,804.00	\$0.00
Painting - Interior	6	10	\$5,040.00	\$2,016.00
Painting - Stairwells Steps	0	7	\$3,600.06	\$3,600.06
Painting - Stairwells, Level 4 & Up	10	20	\$12,880.00	\$6,440.00
Sub Total	0-10	4-20	\$146,671.06	\$12,056.06
040 Railing Railing - Metal Pipe	12	30	\$36,608.00	\$21,964.80
Railing - Stairwells	12	30	\$7,280.00	\$4,368.00
Sub Total	12	30	\$43,888.00	\$26,332.80
	12	30	Ψ-3,000.00	Ψ20,002.00
050 Lighting Lighting - Building Exterior	22	40	\$28,950.00	\$13,027.50
Lighting - Building Interior	22	40	\$47,350.00	\$21,307.50
Sub Total	22	40	\$76,300.00	\$34,335.00
060 Spa Area				
Spa Area - Refurbishment	n.a.	n.a.	\$150,000.00	\$1,515.15
Spa Area - Spa Replacement	17	18	\$45,000.00	\$2,500.00

### **Calculation of Percent Funded**

**Sorted by Category** 

	Remaining Life	Useful Life	Current Cost	Fully Funded Balance
Sub Total	17	18	\$195,000.00	\$4,015.15
070 Building Interior				
Building Interior - Ceiling, Fiberboard Panels Unfund	n.a.	n.a.	\$0.00	\$0.00
Building Interior - Drying Vents, Cleaning	7	10	\$6,200.00	\$1,860.00
Building Interior - Furniture	0	18	\$20,000.00	\$20,000.00
Building Interior - Furniture, Tables, Chairs, Carts	7	10	\$4,000.00	\$1,200.00
Building Interior - Interior Carpet, Lobby/Conf. Room	4	15	\$20,000.00	\$14,666.67
Building Interior - Restrooms, Plumbing Fixtures	12	30	\$2,400.00	\$1,440.00
Sub Total	0-12	10-30	\$52,600.00	\$39,166.67
080 Building Exterior				
Building Exterior - Carpet	3	21	\$40,000.00	\$34,285.71
Building Exterior - Doors, Garage Panels & Seals	7	25	\$5,217.93	\$3,756.91
Building Exterior - Doors, Garage Repairs	1	19	\$6,702.99	\$6,350.20
Building Exterior - Doors, Metal Clad Entry	12	30	\$56,100.00	\$33,660.00
Building Exterior - Doors, Metal Utility	7	25	\$2,300.00	\$1,656.00
Building Exterior - Gutters & Downspouts	7	25	\$5,440.00	\$3,916.80
Building Exterior - Windows	12	30	\$348,300.00	\$208,980.00
Building Exterior - Windows, Re-Seal & Caulking	10	28	\$7,600.00	\$4,885.71
Building Exterior - Wood Decks, LHU's Phase 1	0	18	\$17,000.00	\$17,000.00
Building Exterior - Wood Decks, LHU's Phase 2	2	20	\$17,000.00	\$15,300.00
Building Exterior - Wood Decks, LHU's Phase 3	4	22	\$10,000.00	\$8,181.82
Building Exterior - Wood Decks, LHU's Phase 4	6	24	\$10,000.00	\$7,500.00
Sub Total	0-12	18-30	\$525,660.92	\$345,473.16
090 Equipment				
Equipment - Access, Entry Keypads	4	22	\$2,400.00	\$1,963.64
Equipment - Boiler Pump Controls / Sensors	0	20	\$5,000.00	\$5,000.00
Equipment - Boiler Room Air Louvers	4	26	\$4,000.00	\$3,384.62
Equipment - Boiler, Domestic Hot Water	12	30	\$160,000.00	\$96,000.00
Equipment - Circulating Pumps	2	20	\$2,000.00	\$1,800.00
Equipment - Circulating Pumps, 2015	11	12	\$3,000.00	\$250.00
Equipment - Circulating Pumps, 2016	0	12	\$5,000.00	\$5,000.00
Equipment - Domestic, Storage tank	2	20	\$5,000.00	\$4,500.00
Equipment - Fire Protection, Control Panels	2	20	\$5,000.00	\$4,500.00
Equipment - Fire Protection, Extinguisher Cabinets	9	27	\$8,250.00	\$5,500.00
Equipment - HVAC, Air Handler units	4	22	\$35,000.00	\$28,636.36
Equipment - Storage Tanks, 2004	2	14	\$20,000.00	\$17,142.86

### **Calculation of Percent Funded**

**Sorted by Category** 

	Remaining Life	Useful Life	Current Cost	Fully Funded Balance
Equipment - Storage Tanks, 2010	8	14	\$20,000.00	\$8,571.43
Sub Total	0-12	12-30	\$274,650.00	\$182,248.90
095 Elevators				
Elevators - Cab Refurbishing	15	16	\$7,000.00	\$437.50
Elevators - Major Repairs	12	30	\$80,000.00	\$48,000.00
Sub Total	12-15	16-30	\$87,000.00	\$48,437.50
Contingency	n.a.	n.a.	n.a.	\$0.00
Total Anticipated Reserve Balance Percent Funded	0-36	4-40	\$1,827,292.98	\$943,563.16 \$406,737.48 43.11%

### **Management / Accounting Summary**

**Directed Cash Flow Calculation Method; Sorted by Category** 

	Balance at Fiscal Year Beginning	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
<u>010 Grounds</u>				
Grounds - Asphalt, Overlay	\$0.00	\$460.24	\$1.90	\$462.14
Grounds - Asphalt, Repair & Seal Coat	\$3,333.33	\$55.89	\$2.11	\$58.00
Grounds - Concrete, Drainage Pan (Newer) Unf	\$0.00	\$0.00	\$0.00	\$0.00
Grounds - Concrete, Drainage Pans (Older) Unf	\$0.00	\$0.00	\$0.00	\$0.00
Grounds - Concrete, Sidewalks	\$3,225.25	\$51.62	\$0.21	\$51.83
Grounds - Landscape Refurbishment	\$1,500.00	\$33.31	\$0.98	\$34.30
Grounds - Lighting	\$2,182.99	\$160.11	\$1.89	\$162.00
Grounds - Replacement Sprinkler Heads, Recall	\$0.00	\$19.99	\$0.09	\$20.08
Grounds - Sign, Monument	\$4,736.84	\$20.62	\$2.76	\$23.38
Grounds - Trash Structure	\$0.00	\$21.60	\$0.09	\$21.69
Sub Total	\$14,978.41	\$823.39	\$10.03	\$833.42
<u>020 Roofs</u>				
Roofs - EPDM, Flat	\$147,086.28	\$640.94	\$85.65	\$726.59
Roofs - Metal, Unfunded	\$0.00	\$0.00	\$0.00	\$0.00
Sub Total	\$147,086.28	\$640.94	\$85.65	\$726.59
030 Painting				
Painting - Exterior Stucco, Phase 1	\$0.00	\$807.11	\$3.33	\$810.44
Painting - Hardee Plank Siding, LHU's	\$0.00	\$396.99	\$1.64	\$398.63
Painting - Interior	\$2,016.00	\$33.95	\$1.27	\$35.22
Painting - Stairwells Steps	\$3,600.06	\$15.56	\$0.07	\$15.62
Painting - Stairwells, Level 4 & Up	\$6,440.00	\$46.53	\$3.83	\$50.35
Sub Total	\$12,056.06	\$1,300.13	\$10.14	\$1,310.26
040 Railing				
Railing - Metal Pipe	\$0.00	\$197.16	\$0.81	\$197.97
Railing - Stairwells	\$4,368.00	\$19.03	\$2.55	\$21.58
Sub Total	\$4,368.00	\$216.20	\$3.36	\$219.55
050 Lighting				
Lighting - Building Exterior	\$0.00	\$85.73	\$0.36	\$86.09
Lighting - Building Interior	\$0.00	\$140.22	\$0.58	\$140.80
Sub Total	\$0.00	\$225.96	\$0.94	\$226.89
060 Spa Area				
Spa Area - Refurbishment	\$0.00	\$92.99	\$0.39	\$93.38

### **Management / Accounting Summary**

**Directed Cash Flow Calculation Method; Sorted by Category** 

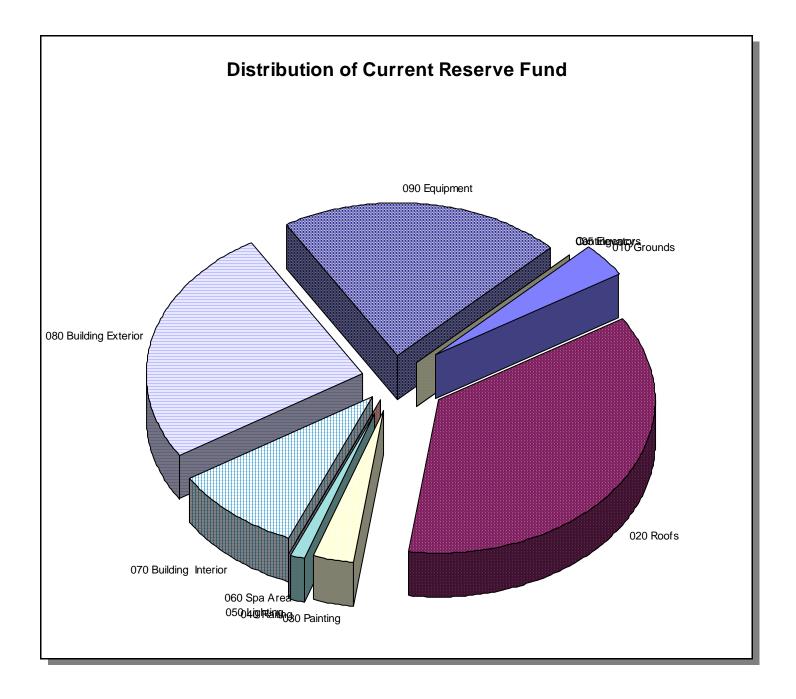
	Balance at Fiscal Year Beginning	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
Spa Area - Spa Replacement	\$0.00	\$171.86	\$0.70	\$172.56
Sub Total	\$0.00	\$264.85	\$1.09	\$265.94
070 Building Interior				
Building Interior - Ceiling, Fiberboard Panels Unf	\$0.00	\$0.00	\$0.00	\$0.00
Building Interior - Drying Vents, Cleaning	\$1,860.00	\$41.31	\$1.22	\$42.53
Building Interior - Furniture	\$20,000.00	\$72.19	\$0.30	\$72.49
Building Interior - Furniture, Tables, Chairs, Cart	\$1,200.00	\$26.65	\$0.79	\$27.44
Building Interior - Interior Carpet, Lobby/Conf. R	\$14,666.67	\$97.08	\$8.68	\$105.76
Building Interior - Restrooms, Plumbing Fixtures	\$1,440.00	\$6.27	\$0.84	\$7.11
Sub Total	\$39,166.67	\$243.51	\$11.82	\$255.34
080 Building Exterior				
Building Exterior - Carpet	\$34,285.71	\$149.31	\$19.96	\$169.27
Building Exterior - Doors, Garage Panels & Seal	\$3,756.91	\$16.37	\$2.19	\$18.56
Building Exterior - Doors, Garage Repairs	\$6,350.20	\$27.64	\$3.69	\$31.33
Building Exterior - Doors, Metal Clad Entry	\$0.00	\$302.14	\$1.24	\$303.39
Building Exterior - Doors, Metal Utility	\$1,656.00	\$7.22	\$0.96	\$8.18
Building Exterior - Gutters & Downspouts	\$3,916.80	\$17.07	\$2.29	\$19.35
Building Exterior - Windows	\$0.00	\$1,875.87	\$7.72	\$1,883.60
Building Exterior - Windows, Re-Seal & Caulking	\$4,885.71	\$21.29	\$2.84	\$24.14
Building Exterior - Wood Decks, LHU's Phase 1	\$17,000.00	\$55.31	\$0.23	\$55.54
Building Exterior - Wood Decks, LHU's Phase 2	\$15,300.00	\$66.61	\$8.91	\$75.52
Building Exterior - Wood Decks, LHU's Phase 3	\$8,181.82	\$35.64	\$4.76	\$40.40
Building Exterior - Wood Decks, LHU's Phase 4	\$7,500.00	\$32.68	\$4.37	\$37.05
Sub Total	\$102,833.16	\$2,607.15	\$59.18	\$2,666.34
090 Equipment				
Equipment - Access, Entry Keypads	\$1,963.64	\$8.55	\$1.15	\$9.70
Equipment - Boiler Pump Controls / Sensors	\$5,000.00	\$16.27	\$0.07	\$16.33
Equipment - Boiler Room Air Louvers	\$3,384.62	\$12.55	\$1.96	\$14.51
Equipment - Boiler, Domestic Hot Water	\$0.00	\$861.73	\$3.55	\$865.28
Equipment - Circulating Pumps	\$1,800.00	\$7.84	\$1.05	\$8.89
Equipment - Circulating Pumps, 2015	\$250.00	\$16.33	\$0.21	\$16.55
Equipment - Circulating Pumps, 2016	\$5,000.00	\$26.93	\$0.12	\$27.04
Equipment - Domestic, Storage tank	\$4,500.00	\$19.59	\$2.62	\$22.22
Equipment - Fire Protection, Control Panels	\$4,500.00	\$19.59	\$2.62	\$22.22

### **Management / Accounting Summary**

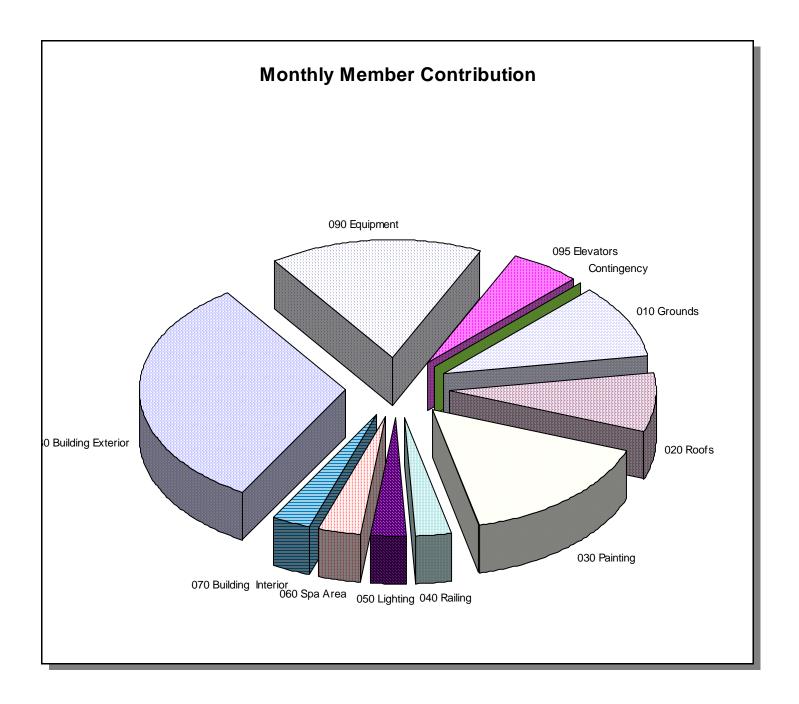
**Directed Cash Flow Calculation Method; Sorted by Category** 

	Balance at Fiscal Year Beginning	Monthly Member Contribution	Monthly Interest Contribution	Total Monthly Contribution
Equipment - Fire Protection, Extinguisher Cabin	\$5,500.00	\$23.97	\$3.20	\$27.17
Equipment - HVAC, Air Handler units	\$28,636.36	\$124.73	\$16.67	\$141.41
Equipment - Storage Tanks, 2004	\$17,142.86	\$105.04	\$10.11	\$115.14
Equipment - Storage Tanks, 2010	\$8,571.43	\$98.63	\$5.25	\$103.88
Sub Total	\$86,248.90	\$1,341.76	\$48.58	\$1,390.34
095 Elevators				
Elevators - Cab Refurbishing	\$0.00	\$30.25	\$0.13	\$30.37
Elevators - Major Repairs	\$0.00	\$430.86	\$1.77	\$432.64
Sub Total	\$0.00	\$461.11	\$1.90	\$463.01
Contingency	\$0.00	\$0.00	\$0.00	\$0.00
Total	\$406,737.48	\$8,125.00	\$232.65	\$8,357.65

Management / Accounting Charts
Directed Cash Flow Calculation Method; Sorted by Category



Management / Accounting Charts
Directed Cash Flow Calculation Method; Sorted by Category



## **Annual Expenditure Detail**

2016-2017 Fiscal Year	
Building Exterior - Wood Decks, LHU's Phase 1	\$17,000.00
Building Interior - Furniture	\$20,000.00
Equipment - Boiler Pump Controls / Sensors	\$5,000.00
Equipment - Circulating Pumps, 2016	\$5,000.00
Grounds - Concrete, Sidewalks	\$3,225.25
Painting - Stairwells Steps	\$3,600.06
Sub Total	\$53,825.31
2017-2018 Fiscal Year	
Building Exterior - Doors, Garage Repairs	\$6,837.05
Grounds - Sign, Monument	\$5,100.00
Sub Total	\$11,937.05
2018-2019 Fiscal Year	
Building Exterior - Wood Decks, LHU's Phase 2	\$17,686.80
Equipment - Circulating Pumps	\$2,080.80
Equipment - Domestic, Storage tank	\$5,202.00
Equipment - Fire Protection, Control Panels	\$5,202.00
Equipment - Storage Tanks, 2004	\$20,808.00
Grounds - Asphalt, Repair & Seal Coat	\$5,202.00
Sub Total	\$56,181.60
2019-2020 Fiscal Year	
Building Exterior - Carpet	\$42,448.32
Sub Total	\$42,448.32
2020-2021 Fiscal Year	
Building Exterior - Wood Decks, LHU's Phase 3	\$10,824.32
Building Interior - Interior Carpet, Lobby/Conf. Room	\$21,648.64
Equipment - Access, Entry Keypads	\$2,597.84
Equipment - Boiler Room Air Louvers	\$4,329.73
Equipment - HVAC, Air Handler units	\$37,885.13
Grounds - Concrete, Sidewalks	\$3,491.11
Painting - Hardee Plank Siding, LHU's	\$26,848.65
Sub Total	\$107,625.42
2022-2023 Fiscal Year	
Building Exterior - Doors, Garage Repairs	\$7,548.66
Building Exterior - Wood Decks, LHU's Phase 4	\$11,261.62
Painting - Interior	\$5,675.86

## **Annual Expenditure Detail**

Sub Total	\$24,486.14
2023-2024 Fiscal Year	
Building Exterior - Doors, Garage Panels & Seals	\$5,993.76
Building Exterior - Doors, Metal Utility	\$2,641.98
Building Exterior - Gutters & Downspouts	\$6,248.85
Building Interior - Drying Vents, Cleaning	\$7,121.85
Building Interior - Furniture, Tables, Chairs, Carts	\$4,594.74
Grounds - Asphalt, Repair & Seal Coat	\$5,743.43
Grounds - Landscape Refurbishment	\$5,743.43
Roofs - EPDM, Flat	\$234,660.97
Sub Total	\$272,749.01
2024-2025 Fiscal Year	
Equipment - Storage Tanks, 2010	\$23,433.19
Grounds - Concrete, Sidewalks	\$3,778.89
Painting - Exterior Stucco, Phase 1	\$117,572.50
Painting - Hardee Plank Siding, LHU's	\$29,061.84
Sub Total	\$173,846.43
2025-2026 Fiscal Year	
Equipment - Fire Protection, Extinguisher Cabinets	\$9,859.51
Sub Total	\$9,859.51
2026-2027 Fiscal Year	
Building Exterior - Windows, Re-Seal & Caulking	\$9,264.36
Painting - Stairwells, Level 4 & Up	\$15,700.65
Sub Total	\$24,965.01
2027-2028 Fiscal Year	
Building Exterior - Doors, Garage Repairs	\$8,334.33
Equipment - Circulating Pumps, 2015	\$3,730.12
Sub Total	\$12,064.45
2028-2029 Fiscal Year	
Building Exterior - Doors, Metal Clad Entry	\$71,148.36
Building Exterior - Windows	\$441,728.62
Building Interior - Restrooms, Plumbing Fixtures	\$3,043.78
Elevators - Major Repairs	\$101,459.34
Equipment - Boiler, Domestic Hot Water	\$202,918.69
Equipment - Circulating Pumps, 2016	\$6,341.21

## **Annual Expenditure Detail**

Grounds - Asphalt, Repair & Seal Coat	\$6,341.21
Grounds - Concrete, Sidewalks	\$4,090.40
Grounds - Lighting	\$40,076.44
Painting - Hardee Plank Siding, LHU's	\$31,457.47
Railing - Metal Pipe	\$46,427.80
Railing - Stairwells	\$9,232.80
Sub Total	\$964,266.11
2030-2031 Fiscal Year	
Equipment - Circulating Pumps	\$2,638.96
Sub Total	\$2,638.96
2031-2032 Fiscal Year	
Building Exterior - Carpet	\$53,834.73
Elevators - Cab Refurbishing	\$9,421.08
Grounds - Trash Structure	\$6,729.34
Painting - Stairwells Steps	\$4,845.21
Sub Total	\$74,830.36
2032-2033 Fiscal Year	
Building Exterior - Doors, Garage Repairs	\$9,201.77
Building Interior - Interior Carpet, Lobby/Conf. Room	\$27,455.71
Equipment - Storage Tanks, 2004	\$27,455.71
Grounds - Concrete, Sidewalks	\$4,427.58
Painting - Exterior Stucco, Phase 1	\$137,754.93
Painting - Hardee Plank Siding, LHU's	\$34,050.58
Painting - Interior	\$6,918.84
Sub Total	\$247,265.12
2033-2034 Fiscal Year	
Building Exterior - Doors, Garage Panels & Seals	\$7,306.36
Building Interior - Drying Vents, Cleaning	\$8,681.50
Building Interior - Furniture, Tables, Chairs, Carts	\$5,600.97
Grounds - Asphalt, Repair & Seal Coat	\$7,001.21
Grounds - Landscape Refurbishment	\$7,001.21
Spa Area - Spa Replacement	\$63,010.86
Sub Total	\$98,602.10
2034-2035 Fiscal Year	
Building Interior - Furniture	\$28,564.93

### **Annual Expenditure Detail**

Sub Total	\$28,564.93
2036-2037 Fiscal Year	
Building Exterior - Windows, Re-Seal & Caulking	\$11,293.20
Building Exterior - Wood Decks, LHU's Phase 1	\$25,261.11
Equipment - Boiler Pump Controls / Sensors	\$7,429.74
Grounds - Concrete, Sidewalks	\$4,792.55
Painting - Hardee Plank Siding, LHU's	\$36,857.44
Sub Total	\$85,634.03
2037-2038 Fiscal Year	
Building Exterior - Doors, Garage Repairs	\$10,159.50
Grounds - Sign, Monument	\$7,578.33
Sub Total	\$17,737.83
2038-2039 Fiscal Year	
Building Exterior - Wood Decks, LHU's Phase 2	\$26,281.65
Equipment - Access, Entry Keypads	\$3,710.35
Equipment - Domestic, Storage tank	\$7,729.90
Equipment - Fire Protection, Control Panels	\$7,729.90
Equipment - HVAC, Air Handler units	\$54,109.29
Equipment - Storage Tanks, 2010	\$30,919.59
Grounds - Asphalt, Overlay	\$240,262.63
Grounds - Asphalt, Repair & Seal Coat	\$7,729.90
Lighting - Building Exterior	\$44,756.11
Lighting - Building Interior	\$73,202.14
Sub Total	\$496,431.46
2039-2040 Fiscal Year	
Equipment - Circulating Pumps, 2015	\$4,730.70
Sub Total	\$4,730.70
2040-2041 Fiscal Year	
Building Exterior - Wood Decks, LHU's Phase 3	\$16,084.37
Equipment - Boiler Room Air Louvers	\$6,433.75
Equipment - Circulating Pumps, 2016	\$8,042.19
Grounds - Concrete, Sidewalks	\$5,187.61
Painting - Exterior Stucco, Phase 1	\$161,401.85
Painting - Hardee Plank Siding, LHU's	\$39,895.68
Sub Total	\$237,045.45

## **Annual Expenditure Detail**

2042-2043 Fiscal Year	
Building Exterior - Doors, Garage Repairs	\$11,216.90
Building Exterior - Wood Decks, LHU's Phase 4	\$16,734.18
Equipment - Circulating Pumps	\$3,346.84
Painting - Interior	\$8,434.03
Sub Total	\$39,731.95
2043-2044 Fiscal Year	
Building Exterior - Carpet	\$68,275.46
Building Exterior - Doors, Garage Panels & Seals	\$8,906.41
Building Interior - Drying Vents, Cleaning	\$10,582.70
Building Interior - Furniture, Tables, Chairs, Carts	\$6,827.55
Grounds - Asphalt, Repair & Seal Coat	\$8,534.43
Grounds - Landscape Refurbishment	\$8,534.43
Roofs - EPDM, Flat	\$348,693.86
Sub Total	\$460,354.84
2044-2045 Fiscal Year	
Building Interior - Interior Carpet, Lobby/Conf. Room	\$34,820.48
Grounds - Concrete, Sidewalks	\$5,615.24
Painting - Hardee Plank Siding, LHU's	\$43,184.36
Sub Total	\$83,620.09
2045-2046 Fiscal Year	
Equipment - Fire Protection, Extinguisher Cabinets	\$14,650.72
Sub Total	\$14,650.72

### **Projections**

#### **Directed Cash Flow Calculation Method**

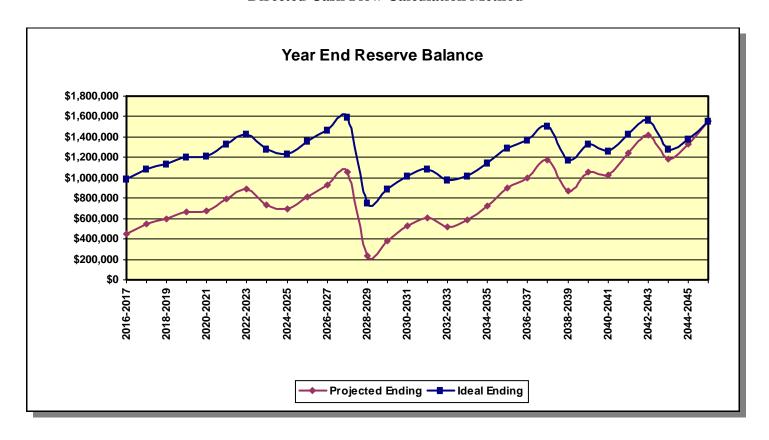
Fiscal Year	Beginning Balance	Member Contribution	Interest Contribution	Expenditures	Ending Balance	Fully Funded Ending Balance	Percent Funded
2016-2017	\$406,737	\$97,500	\$2,792	\$53,825	\$453,204	\$990,290	46%
2017-2018	\$453,204	\$100,425	\$3,422	\$11,937	\$545,113	\$1,083,347	50%
2018-2019	\$545,113	\$103,438	\$3,766	\$56,182	\$596,136	\$1,135,092	53%
2019-2020	\$596,136	\$106,541	\$4,231	\$42,448	\$664,459	\$1,205,173	55%
2020-2021	\$664,459	\$109,737	\$4,263	\$107,625	\$670,834	\$1,212,875	55%
2021-2022	\$670,834	\$113,029	\$5,074	\$0	\$788,937	\$1,332,377	59%
2022-2023	\$788,937	\$116,420	\$5,743	\$24,486	\$886,614	\$1,431,294	62%
2023-2024	\$886,614	\$119,913	\$4,696	\$272,749	\$738,474	\$1,283,666	58%
2024-2025	\$738,474	\$123,510	\$4,362	\$173,846	\$692,500	\$1,236,005	56%
2025-2026	\$692,500	\$127,215	\$5,203	\$9,860	\$815,058	\$1,356,867	60%
2026-2027	\$815,058	\$131,032	\$5,970	\$24,965	\$927,095	\$1,467,471	63%
2027-2028	\$927,095	\$134,963	\$6,860	\$12,064	\$1,056,853	\$1,595,624	66%
2028-2029	\$1,056,853	\$139,012	\$1,097	\$964,266	\$232,695	\$757,317	31%
2029-2030	\$232,695	\$143,182	\$2,094	\$0	\$377,972	\$888,061	43%
2030-2031	\$377,972	\$147,477	\$3,110	\$2,639	\$525,920	\$1,021,041	52%
2031-2032	\$525,920	\$151,902	\$3,656	\$74,830	\$606,648	\$1,085,403	56%
2032-2033	\$606,648	\$156,459	\$3,027	\$247,265	\$518,868	\$977,574	53%
2033-2034	\$518,868	\$161,153	\$3,469	\$98,602	\$584,888	\$1,021,679	57%
2034-2035	\$584,888	\$165,987	\$4,440	\$28,565	\$726,751	\$1,140,606	64%
2035-2036	\$726,751	\$170,967	\$5,653	\$0	\$903,371	\$1,293,600	70%
2036-2037	\$903,371	\$176,096	\$6,309	\$85,634	\$1,000,141	\$1,364,911	73%
2037-2038	\$1,000,141	\$181,379	\$7,482	\$17,738	\$1,171,264	\$1,509,559	78%
2038-2039	\$1,171,264	\$186,820	\$5,340	\$496,431	\$866,992	\$1,171,540	74%
2039-2040	\$866,992	\$192,425	\$6,674	\$4,731	\$1,061,360	\$1,331,059	80%
2040-2041	\$1,061,360	\$198,197	\$6,426	\$237,045	\$1,028,938	\$1,259,626	82%
2041-2042	\$1,028,938	\$204,143	\$7,882	\$0	\$1,240,963	\$1,431,425	87%
2042-2043	\$1,240,963	\$210,268	\$9,112	\$39,732	\$1,420,611	\$1,569,065	91%
2043-2044	\$1,420,611	\$216,576	\$7,440	\$460,355	\$1,184,271	\$1,283,414	92%
2044-2045	\$1,184,271	\$223,073	\$8,446	\$83,620	\$1,332,170	\$1,379,370	97%
2045-2046	\$1,332,170	\$229,765	\$9,991	\$14,651	\$1,557,276	\$1,550,705	100%

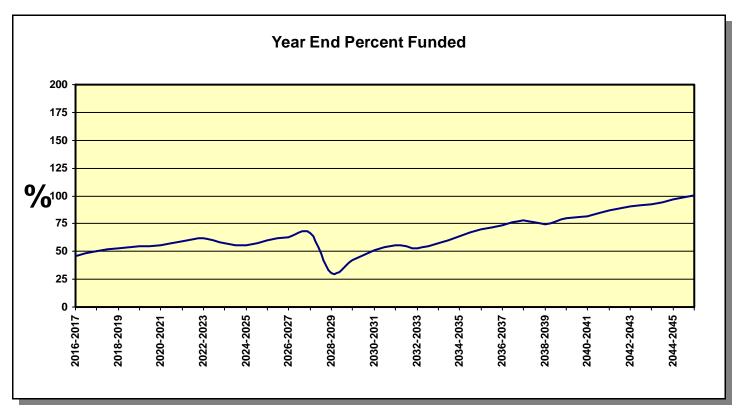
NOTE: In some cases, the projected Ending Balance may exceed the Fully Funded Ending Balance in years following high Expenditures. This is a result of the provision for contingency in this analysis, which in these projections is never expended. The contingency is continually adjusted according to need and any excess is redistributed among all components included.

Projected balances include an LHU unit valued at \$135,000.00, with the remaining balance as cash and investments. Unless the HOA decides to sell that property or incur a mortgage loan, balances should not be allowed to drop below \$135,000.00.

### **Projection Charts**

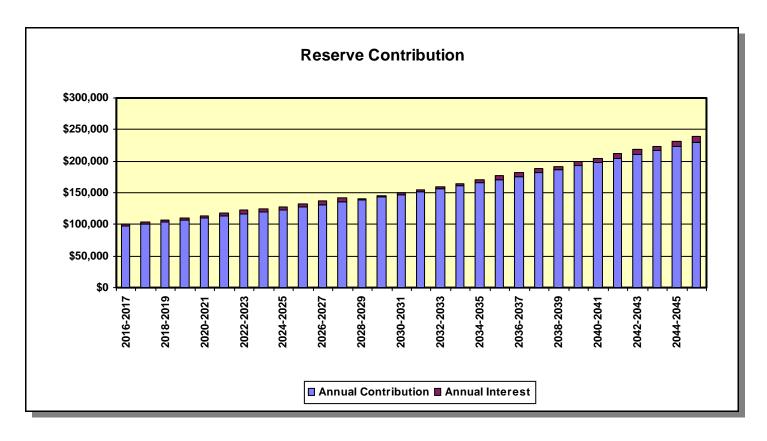
**Directed Cash Flow Calculation Method** 

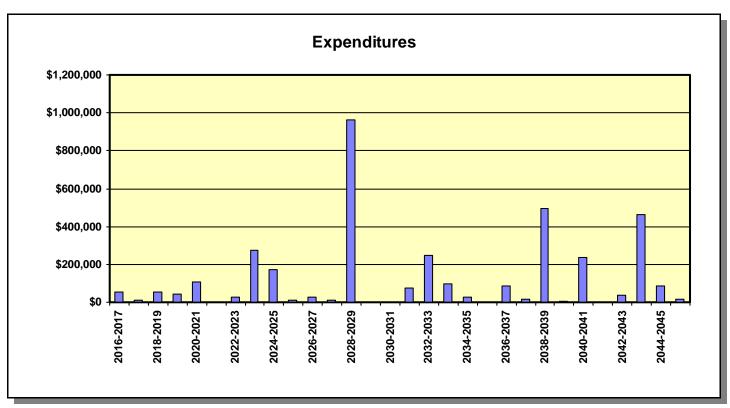




# Projection Charts

**Directed Cash Flow Calculation Method** 





### **Component Detail**

Directed Cashflow Calculation Method; Sorted by Category

Grounds - Asphalt, Overlay			
Category	010 Grounds	Quantity	41,443 sq. ft.
		Unit Cost	\$3.750
		% of Replacement	100.00%
		Current Cost	\$155,411.25
Placed In Service	10/98	Future Cost	\$240,262.63
Useful Life	40		
		Assigned Reserves at FYB	\$0.00
Remaining Life	22	Monthly Member Contribution	\$460.24
Replacement Year	2038-2039	Monthly Interest Contribution	\$1.90
		<b>Total Monthly Contribution</b>	\$462.14

#### Comments:

This is the asphalt located throughout the community.

The useful life estimates for this component have been provided by the client.

Most asphalt areas can be expected to last approximately 20 years before it will become necessary for an overlay to be applied. This can double the life of the surface upon application. It will be necessary to adjust manhole and valve covers at the time the overlay is applied. Deflection testing should be conducted by an independent consultant near the end of the estimated useful life to determine the condition of the asphalt and estimated remaining life before the overlay is required.

In addition to this service, a consultant may be obtained to prepare the application specifications, and to work with the contractor during actual installation. It is recommended that the client obtain bids for such a consultation near the end of the estimated useful life. As costs vary, a provision for this consulting has not been included in this cost estimate. Should the client request, this cost can be incorporated into this analysis.

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Grounds - Asphalt, Repair & Seal Coat			
Category	010 Grounds	Quantity	1 total
		Unit Cost	\$5,000.000
		% of Replacement	100.00%
		Current Cost	\$5,000.00
Placed In Service	10/12	Future Cost	\$5,202.00
Useful Life	5		
Adjustment	+1	Assigned Reserves at FYB	\$3,333.33
Remaining Life	2	Monthly Member Contribution	\$55.89
Replacement Year	2018-2019	Monthly Interest Contribution	\$2.11
		<b>Total Monthly Contribution</b>	\$58.00

#### Comments:

The cost and useful life estimates for this component have been provided by the client.

It is estimated that a percentage of the asphalt areas will require repair or replacement. The actual condition of the asphalt should be monitored through time and these estimates adjusted accordingly.

We have budgeted for the asphalt to be repaired on the same cycle and in conjunction with the seal coating of the asphalt.

### **Component Detail**

Directed Cashflow Calculation Method; Sorted by Category

Grounds - Conc	rete, Drainage Pan (Newer)	<u>Unfund</u>	
Category	010 Grounds	Quantity	1 comment
		Unit Cost	\$0.000
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	10/11	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00

Monthly Interest Contribution

**Total Monthly Contribution** 

**Total Monthly Contribution** 

\$0.00

\$0.00

\$0.00

#### Comments:

Replacement Year

According to the association, this drain pan will not need to be replaced. Therefore, at the request of the client, budgeting for this component has been excluded as future maintenance will be completed by the client on an as needed basis. This component is listed for inventory purposes only.

This is the concrete drainage pan behind the two towers installed for improved drainage. The measurements for this concrete drainage pan are; 4' x 266'.

n.a.

<b>Grounds - Concr</b>	ete, Drainage Pans (Older) Unfunc		
Category	010 Grounds	Quantity	1 comment
		Unit Cost	\$0.000
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	10/98	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00

#### Comments:

According to the association, this drain pan will not need to be replaced. Therefore, at the request of the client, budgeting for this component has been excluded as future maintenance will be completed by the client on an as needed basis. This component is listed for inventory purposes only.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Grounds - Concr</b>	ete, Sidewalks		
Category	010 Grounds	Quantity	3,395 sq. ft.
		Unit Cost	\$9.500
		% of Replacement	10.00%
		Current Cost	\$3,225.25
Placed In Service	10/98	Future Cost	\$3,491.11
Useful Life	4		
		Assigned Reserves at FYB	\$3,225.25
Remaining Life	0	Monthly Member Contribution	\$51.62
Replacement Year	2016-2017	Monthly Interest Contribution	\$0.21
		<b>Total Monthly Contribution</b>	\$51.83

#### Comments:

It is anticipated that not all of the concrete sidewalks and spa deck will need to be replaced at one time. Therefore, we have budgeted to replace 10% of the concrete to be repaired or replaced every 4 years. The replacement percentage and replacement cycle should be monitored over time and adjusted accordingly.

<b>Grounds - Lands</b>	cape Refurbishment		
Category	010 Grounds	Quantity	1 total
		Unit Cost	\$5,000.000
		% of Replacement	100.00%
		Current Cost	\$5,000.00
Placed In Service	10/13	Future Cost	\$5,743.43
Useful Life	10		
		Assigned Reserves at FYB	\$1,500.00
Remaining Life	7	Monthly Member Contribution	\$33.31
Replacement Year	2023-2024	Monthly Interest Contribution	\$0.98
		<b>Total Monthly Contribution</b>	\$34.30

#### Comments:

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Grounds - Lightin</b>	ng		
Category	010 Grounds	Quantity	1 total
		Unit Cost	\$31,600.000
		% of Replacement	100.00%
		Current Cost	\$31,600.00
Placed In Service	10/98	Future Cost	\$40,076.44
Useful Life	30		
		Assigned Reserves at FYB	\$2,182.99
Remaining Life	12	Monthly Member Contribution	\$160.11
Replacement Year	2028-2029	Monthly Interest Contribution	\$1.89
		Total Monthly Contribution	\$162.00

#### Comments:

This is the exterior lighting located throughout the community.

The useful life estimates for this component have been provided by the client.

10	fixtures, 20' pole	@	\$2,650.00	=	\$26,500.00
4	fixtures, monument	@	\$275.00	=	\$1,100.00
2	fixtures, pathway	@	\$2,000.00	=	\$4,000.00
			TOTAL	_	\$21,600,00

Grounds - Repla	cement Sprinkler Heads, Re	called	
Category	010 Grounds	Quantity	1 total
		Unit Cost	\$11,000.000
		% of Replacement	100.00%
		Current Cost	\$11,000.00
Placed In Service	10/13	Future Cost	\$22,438.76
Useful Life	40		
Adjustment	-1	Assigned Reserves at FYB	\$0.00
Remaining Life	36	Monthly Member Contribution	\$19.99
Replacement Year	2052-2053	Monthly Interest Contribution	\$0.09
		Total Monthly Contribution	\$20.08

#### Comments:

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Grounds - Sign, Monument			
Category	010 Grounds	Quantity	1 sign
		Unit Cost	\$5,000.000
		% of Replacement	100.00%
		Current Cost	\$5,000.00
Placed In Service	10/98	Future Cost	\$5,100.00
Useful Life	20		
Adjustment	-1	Assigned Reserves at FYB	\$4,736.84
Remaining Life	1	Monthly Member Contribution	\$20.62
Replacement Year	2017-2018	Monthly Interest Contribution	\$2.76
		<b>Total Monthly Contribution</b>	\$23.38

#### Comments:

This is a concrete monument structure with 2-sided painted wood letters.

The cost and replacement year have been provided by the client.

Grounds - Trash Structure			
Category	010 Grounds	Quantity	1 structure
		Unit Cost	\$5,000.000
		% of Replacement	100.00%
		Current Cost	\$5,000.00
Placed In Service	10/07	Future Cost	\$6,729.34
Useful Life	24		
		Assigned Reserves at FYB	\$0.00
Remaining Life	15	Monthly Member Contribution	\$21.60
Replacement Year	2031-2032	Monthly Interest Contribution	\$0.09
		<b>Total Monthly Contribution</b>	\$21.69

#### Comments:

This is a trash building located in the back of the community. This is a 10' x 12' structure and includes a utility door and a painted metal single roll-up garage door.

### **Component Detail**

Directed Cashflow Calculation Method; Sorted by Category

Roofs - EPDM, F	lat		
Category	020 Roofs	Quantity	24,762 sq. ft.
		Unit Cost	\$8.250
		% of Replacement	100.00%
		Current Cost	\$204,286.50
Placed In Service	10/98	Future Cost	\$234,660.97
Useful Life	20		
Adjustment	+5	Assigned Reserves at FYB	\$147,086.28
Remaining Life	7	Monthly Member Contribution	\$640.94
Replacement Year	2023-2024	Monthly Interest Contribution	\$85.65
		Total Monthly Contribution	\$726.59

#### Comments:

The current cost and placed in service date for this component was originally provided by the client, and has been adjusted to allow for inflation where applicable.

The remaining life of this component has been extended based on information from the clients roofing consultant.

In order to ensure a high quality installation, the client may wish to obtain the services of an independent roofing consultant to work with the client and the roofing contractor providing installation. Consultants are available for the preparation of installation specifications and, if desired, to work with the contractor during the installation process. Fees for these services vary based on the size of the project and detail required by the client, and have not been included in the cost used for this component. Should the client desire, a provision for a consultant can be incorporated into this analysis.

6,930	
5,568	
648	
8,700	sq. ft.
21,846	sq. ft.
	5,568 648 8,700

### **Component Detail**

Directed Cashflow Calculation Method; Sorted by Category

Roofs - Metal, Ur	nfunded		
Category	020 Roofs	Quantity	1 total
		Unit Cost	\$0.000
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	10/98	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		<b>Total Monthly Contribution</b>	\$0.00

#### Comments:

It is anticipated that not all of the metal roofs will need to be repaced at one time. These roofs should be monitored over time and portions of the roofs should be replaced as needed.

In order to ensure a high quality installation, the client may wish to obtain the services of an independent roofing consultant to work with the client and the roofing contractor providing installation. Consultants are available for the preparation of installation specifications and, if desired, to work with the contractor during the installation process. Fees for these services vary based on the size of the project and detail required by the client, and have not been included in the cost used for this component. Should the client desire, a provision for a consultant can be incorporated into this analysis.

### **Component Detail**

Directed Cashflow Calculation Method; Sorted by Category

Painting - Exterio	or Stucco, Phase 1		
Category	030 Painting	Quantity	1 total
		Unit Cost	\$100,347.000
		% of Replacement	100.00%
		Current Cost	\$100,347.00
Placed In Service	10/16	Future Cost	\$117,572.50
Useful Life	8		
		Assigned Reserves at FYB	\$0.00
Remaining Life	8	Monthly Member Contribution	\$807.11
Replacement Year	2024-2025	Monthly Interest Contribution	\$3.33
		<b>Total Monthly Contribution</b>	\$810.44

#### Comments:

This is painting the exterior stucco areas of the community.

According to the client they are currently painting 1/3rd of the buildings every three years. Moving forward, the community is going to paint all of the stucco areas at one time. Therefore, we have combined into one component. They are also painting this year using a new painting contractor and are estimating the cost to be roughly \$100,000.00.

According to the client they have been painting sections of the buildings at one time to include stucco and hardee siding. During our site visit we explained that painting the community based on the exterior materials may be a better way to complete the painting instead of painting by area because each exterior surface has a different useful life. For purposes of this analysis we have used a painting schedule based on the total materials on the exterior areas of the buildings and their recommended useful lives. Should the client choose we can include the actual painting cycle currently used.

31,590	south tower	@	\$1.66	=	\$52,439.40
23,004	north tower	@	\$1.66	=	\$38,186.64
5,856	garage buildings	@	\$1.66	=	\$9,720.96
			TOTAL	=	\$100,347.00

### **Component Detail**

Directed Cashflow Calculation Method; Sorted by Category

Painting - Hardee	e Plank Siding, LHU's		
Category	030 Painting	Quantity	1 total
		Unit Cost	\$24,804.000
		% of Replacement	100.00%
		Current Cost	\$24,804.00
Placed In Service	10/16	Future Cost	\$26,848.65
Useful Life	4		
		Assigned Reserves at FYB	\$0.00
Remaining Life	4	Monthly Member Contribution	\$396.99
Replacement Year	2020-2021	Monthly Interest Contribution	\$1.64
		<b>Total Monthly Contribution</b>	\$398.63

#### Comments:

This is painting the exterior hardee plank siding areas of the community. According to the client the LHU's will be painted in the summer of 2016.

According to the client they have been painting sections of the buildings at one time to include stucco and hardee siding. During our site visit we explained that painting the community based on the exterior materials may be a better way to complete the painting instead of painting by area because each exterior surface has a different useful life. For purposes of this analysis we have used a painting schedule based on the total materials on the exterior areas of the buildings and their recommended useful lives. Should the client choose we can include the actual painting cycle currently used.

10,680 local housing units @ \$1.50 = \$16,020.00TOTAL = \$16,020.00

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Painting - Interio	r		
Category	030 Painting	Quantity	1 total
		Unit Cost	\$5,040.000
		% of Replacement	100.00%
		Current Cost	\$5,040.00
Placed In Service	10/12	Future Cost	\$5,675.86
Useful Life	10		
		Assigned Reserves at FYB	\$2,016.00
Remaining Life	6	Monthly Member Contribution	\$33.95
Replacement Year	2022-2023	Monthly Interest Contribution	\$1.27
		<b>Total Monthly Contribution</b>	\$35.22

#### Comments:

This is the painting of the interior areas of the unit buildings to include; stairwells level 3 and velow and also includes the steps.

The cost and useful life estimate for this component has been provided by the client.

1st floor	4,624	sq. ft.
storage hallways	3,856	
restrooms	684	
	9,164	sq. ft.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Painting - Stairw	ells Steps		
Category	030 Painting	Quantity	1 total
		Unit Cost	\$3,600.060
		% of Replacement	100.00%
		Current Cost	\$3,600.06
Placed In Service	10/06	Future Cost	\$4,845.21
Useful Life	15		
Adjustment	-8	Assigned Reserves at FYB	\$3,600.06
Remaining Life	0	Monthly Member Contribution	\$15.56
Replacement Year	2016-2017	Monthly Interest Contribution	\$0.07
		<b>Total Monthly Contribution</b>	\$15.62

#### Comments:

This is painting the interior steps of two stairwells.

The cost and useful life for this component has been provided by the client and incorporated into this analysis at their request.

Painting - Stairw	ells, Level 4 & Up		
Category	030 Painting	Quantity	2,800 sq. ft.
		Unit Cost	\$4.600
		% of Replacement	100.00%
		Current Cost	\$12,880.00
Placed In Service	10/06	Future Cost	\$15,700.65
Useful Life	20		
		Assigned Reserves at FYB	\$6,440.00
Remaining Life	10	Monthly Member Contribution	\$46.53
Replacement Year	2026-2027	Monthly Interest Contribution	\$3.83
		<b>Total Monthly Contribution</b>	\$50.35

#### Comments:

This is painting the interior areas of two stairwells including the metal railing and hand rails for level 4 and up.

The cost and useful life for this component has been provided by the client and incorporated into this analysis at their request.

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Railing - Metal P	pe		
Category	040 Railing	Quantity	1,408 lin. ft.
		Unit Cost	\$26.000
		% of Replacement	100.00%
		Current Cost	\$36,608.00
Placed In Service	10/98	Future Cost	\$46,427.80
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	12	Monthly Member Contribution	\$197.16
Replacement Year	2028-2029	Monthly Interest Contribution	\$0.81
		Total Monthly Contribution	\$197.97

#### Comments:

This is standard 3.5' painted metal railing located on the unit buildings, spa area and local housing units. This also includes 60LF of handrail.

This component was unfunded in our last report at the clients request. Based on a discussion with the board they have decided to fund for the replacement of the railing.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Railing - Stairwe	lls		
Category	040 Railing	Quantity	280 lin. ft.
		Unit Cost	\$26.000
		% of Replacement	100.00%
		Current Cost	\$7,280.00
Placed In Service	10/98	Future Cost	\$9,232.80
Useful Life	30		
		Assigned Reserves at FYB	\$4,368.00
Remaining Life	12	Monthly Member Contribution	\$19.03
Replacement Year	2028-2029	Monthly Interest Contribution	\$2.55
		<b>Total Monthly Contribution</b>	\$21.58

#### Comments:

This is the railing and hand rails located in two stairwells.

This component was unfunded in our last report at the clients request. Based on a discussion with the board they have decided to fund for the replacement of the railing.

railing, metal	140	lin. ft.
hand rail, metal	140	
	280	lin. ft.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Lighting - Buildir</b>	ng Exterior		
Category	050 Lighting	Quantity	1 total
		Unit Cost	\$28,950.000
		% of Replacement	100.00%
		Current Cost	\$28,950.00
Placed In Service	10/98	Future Cost	\$44,756.11
Useful Life	40		
		Assigned Reserves at FYB	\$0.00
Remaining Life	22	Monthly Member Contribution	\$85.73
Replacement Year	2038-2039	Monthly Interest Contribution	\$0.36
		<b>Total Monthly Contribution</b>	\$86.09

#### Comments:

This is the exterior lighting located around the buildings throughout the community.

The useful life estimates for this component have been provided by the client.

56	fixtures, patio	@	\$175.00	=	\$9,800.00
22	fixtures, gargae	@	\$250.00	=	\$5,500.00
8	fixtures, LHU entry	@	\$175.00	=	\$1,400.00
4	fixtures, spa area	@	\$175.00	=	\$700.00
66	fixtures, entry	@	\$175.00	=	\$11,550.00
			TOTAL	=	\$28,950,00

## **Component Detail**

Directed Cashflow Calculation Method; Sorted by Category

<b>Lighting - Buildir</b>	ng Interior		
Category	050 Lighting	Quantity	1 total
		Unit Cost	\$47,350.000
		% of Replacement	100.00%
		Current Cost	\$47,350.00
Placed In Service	10/98	Future Cost	\$73,202.14
Useful Life	40		
		Assigned Reserves at FYB	\$0.00
Remaining Life	22	Monthly Member Contribution	\$140.22
Replacement Year	2038-2039	Monthly Interest Contribution	\$0.58
		<b>Total Monthly Contribution</b>	\$140.80

#### Comments:

These are interior lights located within the two towers.

The useful life estimates for this component have been provided by the client.

53	fixtures, flourescent 4'	@	\$250.00	=	\$13,250.00
36	fixtures, lighted exit	@	\$450.00	=	\$16,200.00
30	fixtures, dual-lite fire lites	@	\$350.00	=	\$10,500.00
12	fixtures, wall	@	\$300.00	=	\$3,600.00
10	fixtures, hanging	@	\$225.00	=	\$2,250.00
4	fixtures, recessed	@	\$175.00	=	\$700.00
2	fixtures, flourescent 2'	@	\$200.00	=	\$400.00
2	fixtures, vanity	@	\$225.00	=	\$450.00
			TOTAL	=	\$47.350.00

## **Component Detail**

Directed Cashflow Calculation Method; Sorted by Category

Spa Area - Refurbishment		One Time Replac	One Time Replacement	
Category	060 Spa Area	Quantity	1 total	
		Unit Cost	\$150,000.000	
		% of Replacement	100.00%	
		Current Cost	\$150,000.00	
Placed In Service	10/15	Future Cost	\$1,044,499.15	
Useful Life	n.a.			
		Assigned Reserves at FYB	\$0.00	
Remaining Life	n.a.	Monthly Member Contribution	\$92.99	
Replacement Year	n.a.	Monthly Interest Contribution	\$0.39	
		<b>Total Monthly Contribution</b>	\$93.38	

#### Comments:

In 2015, the client spent approximately \$195,000.00 for a complete refurbishment of the spa area. This included an above ground stand alone fiberglass spa new decking and stone work along with underground piping to the existing boilers servicing the two buildings.

The cost and placed in service date for this component has been provided by the client and incorporated into this analysis at their request.

It is anticipated that this component will not be replaced. Therefore, we have marked this component as a one time only expense. This component is listed for inventory purposes only.

We have budgeted to replace the fiberglass spa unit under a separate component in this analysis.

### **Component Detail**

Directed Cashflow Calculation Method; Sorted by Category

Spa Area - Spa R	eplacement		
Category	060 Spa Area	Quantity	1 Spa
		Unit Cost	\$45,000.000
		% of Replacement	100.00%
		Current Cost	\$45,000.00
Placed In Service	10/15	Future Cost	\$63,010.86
Useful Life	18		
		Assigned Reserves at FYB	\$0.00
Remaining Life	17	Monthly Member Contribution	\$171.86
Replacement Year	2033-2034	Monthly Interest Contribution	\$0.70
		<b>Total Monthly Contribution</b>	\$172.56

#### Comments:

This is an above ground stand alone fiberglass spa located in the spa area.

The cost and placed in service date for this component has been provided by the client and incorporated into this analysis at their request.

<b>Building Interior</b>	- Ceiling, Fiberboard Panels	Unfun	
Category	070 Building Interior	Quantity	2,771 sq. ft.
		Unit Cost	\$0.000
		% of Replacement	0.00%
		Current Cost	\$0.00
Placed In Service	10/98	Future Cost	\$0.00
Useful Life	n.a.		
		Assigned Reserves at FYB	\$0.00
Remaining Life	n.a.	Monthly Member Contribution	\$0.00
Replacement Year	n.a.	Monthly Interest Contribution	\$0.00
		<b>Total Monthly Contribution</b>	\$0.00

#### Comments:

These are the fiberboard panels located on the first floor of the towers.

It is anticipated that not all of the fiberboard panels will need replacement at one time.

Due to the nature and size of this expense, funding for this component has been excluded. It is anticipated that any expenditures can be effectively budgeted for by the client's operating and/or reserve contingency funds. This component is listed for inventory purposes only.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Interior</b>	- Drying Vents, Cleaning		
Category	070 Building Interior	Quantity	62 total
		Unit Cost	\$100.000
		% of Replacement	100.00%
		Current Cost	\$6,200.00
Placed In Service	10/13	Future Cost	\$7,121.85
Useful Life	10		
		Assigned Reserves at FYB	\$1,860.00
Remaining Life	7	Monthly Member Contribution	\$41.31
Replacement Year	2023-2024	Monthly Interest Contribution	\$1.22
		<b>Total Monthly Contribution</b>	\$42.53

#### Comments:

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Interior</b>	- Furniture		
Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$20,000.000
		% of Replacement	100.00%
		Current Cost	\$20,000.00
Placed In Service	10/98	Future Cost	\$28,564.93
Useful Life	18		
		Assigned Reserves at FYB	\$20,000.00
Remaining Life	0	Monthly Member Contribution	\$72.19
Replacement Year	2016-2017	Monthly Interest Contribution	\$0.30
		<b>Total Monthly Contribution</b>	\$72.49

#### Comments:

This is the current inventory of the furniture located in the lobby area of the towers.

The replacement of furniture can vary greatly depending on a number of factors dicussed during our site visit. Because of these factors we have budgeted to have the furniture replaced at a cost of \$20,000 at the request of the client.

2	wood chair w/leather cushions	@	\$0.00	=	\$0.00
1	leather couch	@	\$0.00	=	\$0.00
1	wood coffee table	@	\$0.00	=	\$0.00
1	wood end table	@	\$0.00	=	\$0.00
1	wood hutch	@	\$0.00	=	\$0.00
1	wood desk	@	\$0.00	=	\$0.00
			TOTAL	_	\$0.00

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Interior</b>	- Furniture, Tables, Chairs, Carts		
Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$4,000.000
		% of Replacement	100.00%
		Current Cost	\$4,000.00
Placed In Service	10/13	Future Cost	\$4,594.74
Useful Life	10		
		Assigned Reserves at FYB	\$1,200.00
Remaining Life	7	Monthly Member Contribution	\$26.65
Replacement Year	2023-2024	Monthly Interest Contribution	\$0.79
		Total Monthly Contribution	\$27.44

#### Comments:

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

<b>Building Interior -</b>	Interior Carpet, Lobby/Con	f. Roo	
Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$20,000.000
		% of Replacement	100.00%
		Current Cost	\$20,000.00
Placed In Service	10/05	Future Cost	\$21,648.64
Useful Life	12		
Adjustment	+3	Assigned Reserves at FYB	\$14,666.67
Remaining Life	4	Monthly Member Contribution	\$97.08
Replacement Year	2020-2021	Monthly Interest Contribution	\$8.68
		<b>Total Monthly Contribution</b>	\$105.76

#### Comments:

This is the carpet located in the lobby and confrence room of the building.

According to the association, this component was replaced in 2005.

The useful life estimates for this component have been provided by the client.

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Interior</b>	- Restrooms, Plumbing Fixtures		
Category	070 Building Interior	Quantity	1 total
		Unit Cost	\$2,400.000
		% of Replacement	100.00%
		Current Cost	\$2,400.00
Placed In Service	10/98	Future Cost	\$3,043.78
Useful Life	30		
		Assigned Reserves at FYB	\$1,440.00
Remaining Life	12	Monthly Member Contribution	\$6.27
Replacement Year	2028-2029	Monthly Interest Contribution	\$0.84
		Total Monthly Contribution	\$7.11

#### Comments:

These are the plumbing fixtures located in the restroms of the towers.

2 toilets, tank type @ \$750.00 = \$1,500.00 2 sinks, ovel counter @ \$450.00 = \$900.00 TOTAL = \$2,400.00

<b>Building Exterior</b>	r - Carpet		
Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$40,000.000
		% of Replacement	100.00%
		Current Cost	\$40,000.00
Placed In Service	10/98	Future Cost	\$42,448.32
Useful Life	12		
Adjustment	+9	Assigned Reserves at FYB	\$34,285.71
Remaining Life	3	Monthly Member Contribution	\$149.31
Replacement Year	2019-2020	Monthly Interest Contribution	\$19.96
		<b>Total Monthly Contribution</b>	\$169.27

#### Comments:

This is the carpet located in the exterior areas of the unit building.

The useful life estimates for this component have been provided by the client.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Exterior</b>	- Doors, Garage Panels & Seals		
Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$5,217.930
		% of Replacement	100.00%
		Current Cost	\$5,217.93
Placed In Service	10/98	Future Cost	\$5,993.76
Useful Life	10		
Adjustment	+15	Assigned Reserves at FYB	\$3,756.91
Remaining Life	7	Monthly Member Contribution	\$16.37
Replacement Year	2023-2024	Monthly Interest Contribution	\$2.19
		Total Monthly Contribution	\$18.56

#### Comments:

These are painted and insulated single garage door panels and seals located throughout the community.

The cost and useful life for this component has been provided by the client and incorporated into this analysis at their request.

According to the client, they have 40 replacement panels in storage. Because of the current inventory, we have extended the life of this component.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Exterior</b>	- Doors, Garage Repairs		
Category	080 Building Exterior	Quantity	59 doors
		Unit Cost	\$1,050.000
		% of Replacement	10.82%
		Current Cost	\$6,702.99
Placed In Service	10/98	Future Cost	\$6,837.05
Useful Life	5		
Adjustment	+14	Assigned Reserves at FYB	\$6,350.20
Remaining Life	1	Monthly Member Contribution	\$27.64
Replacement Year	2017-2018	Monthly Interest Contribution	\$3.69
		<b>Total Monthly Contribution</b>	\$31.33

#### Comments:

These are painted and insulated single garage doors located throughout the community.

It is anticipated that not all of the garage doors will be replaced or repaired at one time. Therefore, we have budgeted for 10.82% replacement or repair every 5 years.

This component should be monitored over time and the replacement percentage and cost adjusted accordingly.

The cost and useful life for this component has been provided by the client and incorporated into this analysis at their request.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Building Exterior - Doors, Metal Clad Entry			
Category	080 Building Exterior	Quantity	66 total
		Unit Cost	\$850.000
		% of Replacement	100.00%
		Current Cost	\$56,100.00
Placed In Service	10/98	Future Cost	\$71,148.36
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	12	Monthly Member Contribution	\$302.14
Replacement Year	2028-2029	Monthly Interest Contribution	\$1.24
		<b>Total Monthly Contribution</b>	\$303.39

#### Comments:

These are painted metal clad entry doors.

At the request of the client, we have budgeted for a complete replacement of the unit entry doors. The condition of the doors should be monitored over time and the useful life adjusted accordingly.

doors, south tower	36	total
doors, north tower	24	
doors, LHU's	6	
	66	total

Building Exterior - Doors, Metal Utility			
Category	080 Building Exterior	Quantity	4 total
		Unit Cost	\$575.000
		% of Replacement	100.00%
		Current Cost	\$2,300.00
Placed In Service	10/98	Future Cost	\$2,641.98
Useful Life	25		
		Assigned Reserves at FYB	\$1,656.00
Remaining Life	7	Monthly Member Contribution	\$7.22
Replacement Year	2023-2024	Monthly Interest Contribution	\$0.96
		<b>Total Monthly Contribution</b>	\$8.18

#### Comments:

These are painted metal utilty doors located on the North & South Towers.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Exterior</b>	- Gutters & Downspouts		
Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$5,440.000
		% of Replacement	100.00%
		Current Cost	\$5,440.00
Placed In Service	10/98	Future Cost	\$6,248.85
Useful Life	25		
		Assigned Reserves at FYB	\$3,916.80
Remaining Life	7	Monthly Member Contribution	\$17.07
Replacement Year	2023-2024	Monthly Interest Contribution	\$2.29
		Total Monthly Contribution	\$19.35

#### Comments:

These are painted metal gutters and downspouts located on the LHU's.

520	downspouts	@	\$8.50	=	\$4,420.00
120	gutters	@	\$8.50	=	\$1,020.00
			TOTAL	=	\$5,440.00

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Building Exterior - Windows			
Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$348,300.000
		% of Replacement	100.00%
		Current Cost	\$348,300.00
Placed In Service	10/98	Future Cost	\$441,728.62
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	12	Monthly Member Contribution	\$1,875.87
Replacement Year	2028-2029	Monthly Interest Contribution	\$7.72
		<b>Total Monthly Contribution</b>	\$1,883.60

#### Comments:

These are the windows located on the North & South Towers within the community.

396	windows, 2' x 2'	@	\$325.00	=	\$128,700.00
240	windows, 2' x 4'	@	\$400.00	=	\$96,000.00
56	windows, slider 6'	@	\$1,800.00	=	\$100,800.00
44	windows, 1' x 3'	@	\$325.00	=	\$14,300.00
4	windows, 3' x 4'	@	\$450.00	=	\$1,800.00
4	windows, 3' x 3'	@	\$425.00	=	\$1,700.00
4	doors, glass entry	@	\$1,250.00	=	\$5,000.00
			TOTAL	=	\$348 300 00

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Exterior</b>	- Windows, Re-Seal & Caulking		
Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$7,600.000
		% of Replacement	100.00%
		Current Cost	\$7,600.00
Placed In Service	10/98	Future Cost	\$9,264.36
Useful Life	10		
Adjustment	+18	Assigned Reserves at FYB	\$4,885.71
Remaining Life	10	Monthly Member Contribution	\$21.29
Replacement Year	2026-2027	Monthly Interest Contribution	\$2.84
		Total Monthly Contribution	\$24.14

#### Comments:

This is for re-sealing and caulking the windows on the buildings.

The cost and replacement year have been provided by the client.

<b>Building Exterior</b>	- Wood Decks, LHU's Phase 1		
Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$17,000.000
		% of Replacement	100.00%
		Current Cost	\$17,000.00
Placed In Service	10/98	Future Cost	\$25,261.11
Useful Life	20		
Adjustment	-2	Assigned Reserves at FYB	\$17,000.00
Remaining Life	0	Monthly Member Contribution	\$55.31
Replacement Year	2016-2017	Monthly Interest Contribution	\$0.23
		<b>Total Monthly Contribution</b>	\$55.54

#### Comments:

These are the wood decks located on the local housing units. According to the client there are 2 large decks and 2 smaller decks. Phase one is for the replacement of 1 large deck.

We have used a 4 phase replacement schedule provided by the client.

The cost and replacement year have been provided by the client.

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Exterior</b>	- Wood Decks, LHU's Phase 2		
Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$17,000.000
		% of Replacement	100.00%
		Current Cost	\$17,000.00
Placed In Service	10/98	Future Cost	\$17,686.80
Useful Life	20		
		Assigned Reserves at FYB	\$15,300.00
Remaining Life	2	Monthly Member Contribution	\$66.61
Replacement Year	2018-2019	Monthly Interest Contribution	\$8.91
		<b>Total Monthly Contribution</b>	\$75.52

#### Comments:

These are the wood decks located on the local housing units. According to the client there are 2 large decks and 2 smaller decks. Phase two is for the replacement of 1 large deck.

We have used a 4 phase replacement schedule provided by the client.

The cost and replacement year have been provided by the client.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Exterior</b>	- Wood Decks, LHU's Phase 3		
Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$10,000.000
		% of Replacement	100.00%
		Current Cost	\$10,000.00
Placed In Service	10/98	Future Cost	\$10,824.32
Useful Life	20		
Adjustment	+2	Assigned Reserves at FYB	\$8,181.82
Remaining Life	4	Monthly Member Contribution	\$35.64
Replacement Year	2020-2021	Monthly Interest Contribution	\$4.76
		<b>Total Monthly Contribution</b>	\$40.40

#### Comments:

These are the wood decks located on the local housing units. According to the client there are 2 large decks and 2 smaller decks. Phase three is for the replacement of 1 smaller deck.

We have used a 4 phase replacement schedule provided by the client.

The cost and replacement year have been provided by the client.

The remaining life of this component has been extended at the request of the client.

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Building Exterior</b>	- Wood Decks, LHU's Phase 4		
Category	080 Building Exterior	Quantity	1 total
		Unit Cost	\$10,000.000
		% of Replacement	100.00%
		Current Cost	\$10,000.00
Placed In Service	10/98	Future Cost	\$11,261.62
Useful Life	20		
Adjustment	+4	Assigned Reserves at FYB	\$7,500.00
Remaining Life	6	Monthly Member Contribution	\$32.68
Replacement Year	2022-2023	Monthly Interest Contribution	\$4.37
		Total Monthly Contribution	\$37.05

#### Comments:

These are the wood decks located on the local housing units. According to the client there are 2 large decks and 2 smaller decks. Phase four is for the replacement of 1 smaller deck.

We have used a 4 phase replacement schedule provided by the client.

The cost and replacement year have been provided by the client.

The remaining life of this component has been extended at the request of the client.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Equipment - Acc</b>	ess, Entry Keypads		
Category	090 Equipment	Quantity	2 keypads
		Unit Cost	\$1,200.000
		% of Replacement	100.00%
		Current Cost	\$2,400.00
Placed In Service	10/98	Future Cost	\$2,597.84
Useful Life	18		
Adjustment	+4	Assigned Reserves at FYB	\$1,963.64
Remaining Life	4	Monthly Member Contribution	\$8.55
Replacement Year	2020-2021	Monthly Interest Contribution	\$1.15
		<b>Total Monthly Contribution</b>	\$9.70

#### Comments:

These are the two keypad systems located at the entrance to the towers. These are two keypads operating on one system.

We have budgeted to replaced the two keypads.

The remaining life of this component has been extended at the request of the client.

Equipment - Boiler Pump Controls / Sensors			
Category	090 Equipment	Quantity	1 total
		Unit Cost	\$5,000.000
		% of Replacement	100.00%
		Current Cost	\$5,000.00
Placed In Service	10/94	Future Cost	\$7,429.74
Useful Life	20		
		Assigned Reserves at FYB	\$5,000.00
Remaining Life	0	Monthly Member Contribution	\$16.27
Replacement Year	2016-2017	Monthly Interest Contribution	\$0.07
		<b>Total Monthly Contribution</b>	\$16.33

#### Comments:

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Equipment - Boil</b>	er Room Air Louvers		
Category	090 Equipment	Quantity	1 total
		Unit Cost	\$4,000.000
		% of Replacement	100.00%
		Current Cost	\$4,000.00
Placed In Service	10/94	Future Cost	\$4,329.73
Useful Life	20		
Adjustment	+6	Assigned Reserves at FYB	\$3,384.62
Remaining Life	4	Monthly Member Contribution	\$12.55
Replacement Year	2020-2021	Monthly Interest Contribution	\$1.96
		Total Monthly Contribution	\$14.51

#### Comments:

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

The remaining life of this component has been extended at the request of the client.

### **Component Detail**

Directed Cashflow Calculation Method; Sorted by Category

Equipment - Boiler, Domestic Hot Water			
Category	090 Equipment	Quantity	2 boilers
		Unit Cost	\$80,000.000
		% of Replacement	100.00%
		Current Cost	\$160,000.00
Placed In Service	10/98	Future Cost	\$202,918.69
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	12	Monthly Member Contribution	\$861.73
Replacement Year	2028-2029	Monthly Interest Contribution	\$3.55
		<b>Total Monthly Contribution</b>	\$865.28

#### Comments:

These are Burnham 2,500,000 BTU natural gas boiler.

- (1) serial number 26001744
- (2) serial number 26001743

The cost for this component has been provided by the client and incorporated into this analysis at their request.

Heavy construction, industrial boilers can be expected to last approximately 15 years before refurbishment (including retubing) may be required. Refurbishing costs can be estimated at approximately 1/2 replacement costs and may be included as a seperate item in the analysis. Complete replacement may be necessary between 25 to 30 years of age. Some good quality units can be refurbished to last the life of the facility without the need for complete replacement.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Equipment - Circulating Pumps			
Category	090 Equipment	Quantity	1 total
		Unit Cost	\$2,000.000
		% of Replacement	100.00%
		Current Cost	\$2,000.00
Placed In Service	10/98	Future Cost	\$2,080.80
Useful Life	12		
Adjustment	+8	Assigned Reserves at FYB	\$1,800.00
Remaining Life	2	Monthly Member Contribution	\$7.84
Replacement Year	2018-2019	Monthly Interest Contribution	\$1.05
		<b>Total Monthly Contribution</b>	\$8.89

#### Comments:

These are Baldor circulating pumps located in the equipment room.

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

The remaining life of this component has been extended due to its condition at our most recent site visit.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

<b>Equipment - Circ</b>	ulating Pumps, 2015		
Category	090 Equipment	Quantity	1 total
		Unit Cost	\$3,000.000
		% of Replacement	100.00%
		Current Cost	\$3,000.00
Placed In Service	10/15	Future Cost	\$3,730.12
Useful Life	12		
		Assigned Reserves at FYB	\$250.00
Remaining Life	11	Monthly Member Contribution	\$16.33
Replacement Year	2027-2028	Monthly Interest Contribution	\$0.21
		Total Monthly Contribution	\$16.55

#### Comments:

These are Baldor circulating pumps located in the equipment room.

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

1 pumps, 5HP @ 
$$\$3,000.00 = \$3,000.00$$
  
TOTAL =  $\$3,000.00$ 

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Equipment - Circulating Pumps, 2016			
Category	090 Equipment	Quantity	1 total
		Unit Cost	\$5,000.000
		% of Replacement	100.00%
		Current Cost	\$5,000.00
Placed In Service	10/98	Future Cost	\$6,341.21
Useful Life	12		
		Assigned Reserves at FYB	\$5,000.00
Remaining Life	0	Monthly Member Contribution	\$26.93
Replacement Year	2016-2017	Monthly Interest Contribution	\$0.12
		<b>Total Monthly Contribution</b>	\$27.04

#### Comments:

These are Baldor circulating pumps located in the equipment room.

This component, and all information contained herein, has been provided by the client and incorporated into this analysis at their request.

1	pumps, 2HP	@	\$2,000.00	=	\$2,000.00
			TOTAL	_	
			TOTAL	=	\$5,000,00

<b>Equipment - Don</b>	nestic, Storage tank		
Category	090 Equipment	Quantity	1 total
		Unit Cost	\$5,000.000
		% of Replacement	100.00%
		Current Cost	\$5,000.00
Placed In Service	10/98	Future Cost	\$5,202.00
Useful Life	20		
		Assigned Reserves at FYB	\$4,500.00
Remaining Life	2	Monthly Member Contribution	\$19.59
Replacement Year	2018-2019	Monthly Interest Contribution	\$2.62
		<b>Total Monthly Contribution</b>	\$22.22

#### Comments:

This is a 265 gallon Extrol expansion tank located in the equipment room.

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Equipment - Fire Protection, Con	trol Panels
----------------------------------	-------------

1 total
\$5,000.000
ement 100.00%
\$5,000.00
\$5,202.00
serves at FYB \$4,500.00
mber Contribution \$19.59
rest Contribution \$2.62
y Contribution \$22.22
S

#### Comments:

These are fire control panels located in the fire control room.

1 silent knight model 5207 @ \$2,500.00 = \$2,500.00 1 simplex model 4020 @ \$2,500.00 = \$2,500.00 TOTAL = \$5,000.00

### **Equipment - Fire Protection, Extinguisher Cabinets**

Category	090 Equipment	Quantity	30 total
		Unit Cost	\$275.000
		% of Replacement	100.00%
		Current Cost	\$8,250.00
Placed In Service	10/98	Future Cost	\$9,859.51
Useful Life	20		
Adjustment	+7	Assigned Reserves at FYB	\$5,500.00
Remaining Life	9	Monthly Member Contribution	\$23.97
Replacement Year	2025-2026	Monthly Interest Contribution	\$3.20
		Total Monthly Contribution	\$27.17

#### Comments:

These are painted metal fire extinguisher cabinets located throughout the community.

The remaining life of this component has been extended due to its condition at our most recent site visit.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Equipment - HVAC, Air Handler units			
Category	090 Equipment	Quantity	2 total
		Unit Cost	\$17,500.000
		% of Replacement	100.00%
		Current Cost	\$35,000.00
Placed In Service	10/98	Future Cost	\$37,885.13
Useful Life	18		
Adjustment	+4	Assigned Reserves at FYB	\$28,636.36
Remaining Life	4	Monthly Member Contribution	\$124.73
Replacement Year	2020-2021	Monthly Interest Contribution	\$16.67
		Total Monthly Contribution	\$141.41

#### Comments:

These are Magic Air, Air Handler Units Model #60BHW4. One unit is located on the North Tower and one unit is located on the South Tower.

Equipment - Storage Tanks, 2004			
Category	090 Equipment	Quantity	4 total
		Unit Cost	\$5,000.000
		% of Replacement	100.00%
		Current Cost	\$20,000.00
Placed In Service	10/04	Future Cost	\$20,808.00
Useful Life	14		
		Assigned Reserves at FYB	\$17,142.86
Remaining Life	2	Monthly Member Contribution	\$105.04
Replacement Year	2018-2019	Monthly Interest Contribution	\$10.11
		<b>Total Monthly Contribution</b>	\$115.14

#### Comments:

These are Amtrol 80 gallon water heaters located in the equipment room.

## **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Equipment - Storage Tanks, 2010			
Category	090 Equipment	Quantity	4 total
		Unit Cost	\$5,000.000
		% of Replacement	100.00%
		Current Cost	\$20,000.00
Placed In Service	10/10	Future Cost	\$23,433.19
Useful Life	14		
		Assigned Reserves at FYB	\$8,571.43
Remaining Life	8	Monthly Member Contribution	\$98.63
Replacement Year	2024-2025	Monthly Interest Contribution	\$5.25
		<b>Total Monthly Contribution</b>	\$103.88

#### Comments:

These are Triangle Tube, Smart Tube 80 gallon water heaters located in the equipment room.

Elevators - Cab Refurbishing			
Category	095 Elevators	Quantity	2 elevators
		Unit Cost	\$3,500.000
		% of Replacement	100.00%
		Current Cost	\$7,000.00
Placed In Service	10/15	Future Cost	\$9,421.08
Useful Life	16		
		Assigned Reserves at FYB	\$0.00
Remaining Life	15	Monthly Member Contribution	\$30.25
Replacement Year	2031-2032	Monthly Interest Contribution	\$0.13
		<b>Total Monthly Contribution</b>	\$30.37

#### Comments:

This is the cab refurbishment which includes walls, ceiling, floring, lighting.

The placed in service date for this component has been provided by the client.

### **Component Detail**

**Directed Cashflow Calculation Method; Sorted by Category** 

Elevators - Major Repairs			
Category	095 Elevators	Quantity	2 elevators
		Unit Cost	\$40,000.000
		% of Replacement	100.00%
		Current Cost	\$80,000.00
Placed In Service	10/98	Future Cost	\$101,459.34
Useful Life	30		
		Assigned Reserves at FYB	\$0.00
Remaining Life	12	Monthly Member Contribution	\$430.86
Replacement Year	2028-2029	Monthly Interest Contribution	\$1.77
		<b>Total Monthly Contribution</b>	\$432.64

#### Comments:

These are the elevators located on the North and South Towers.

this component is for the additional major repair costs associated with hydraulic style elevators such as valve and cylinder replacements.

These are Otis 40HP hydraulic elevator systems.

Model #15040.

# **Detail Report Index**

	Page
Building Exterior - Carpet	40
Building Exterior - Doors, Garage Panels & Seals	41
Building Exterior - Doors, Garage Repairs	42
Building Exterior - Doors, Metal Clad Entry	43
Building Exterior - Doors, Metal Utility	43
Building Exterior - Gutters & Downspouts	44
Building Exterior - Windows	45
Building Exterior - Windows, Re-Seal & Caulking	46
Building Exterior - Wood Decks, LHU's Phase 1	46
Building Exterior - Wood Decks, LHU's Phase 2	47
Building Exterior - Wood Decks, LHU's Phase 3	48
Building Exterior - Wood Decks, LHU's Phase 4	49
Building Interior - Ceiling, Fiberboard Panels Unfunded	36
Building Interior - Drying Vents, Cleaning	37
Building Interior - Furniture	38
Building Interior - Furniture, Tables, Chairs, Carts	39
Building Interior - Interior Carpet, Lobby/Conf. Room	39
Building Interior - Restrooms, Plumbing Fixtures	40
Elevators - Cab Refurbishing	58
Elevators - Major Repairs	59
Equipment - Access, Entry Keypads	50
Equipment - Boiler Pump Controls / Sensors	50
Equipment - Boiler Room Air Louvers	51
Equipment - Boiler, Domestic Hot Water	52
Equipment - Circulating Pumps	53
Equipment - Circulating Pumps, 2015	54
Equipment - Circulating Pumps, 2016	55
Equipment - Domestic, Storage tank	55
Equipment - Fire Protection, Control Panels	56
Equipment - Fire Protection, Extinguisher Cabinets	56
Equipment - HVAC, Air Handler units	57
Equipment - Storage Tanks, 2004	57
Equipment - Storage Tanks, 2010	58
Grounds - Asphalt, Overlay	19
Grounds - Asphalt, Repair & Seal Coat	20
Grounds - Concrete, Drainage Pan (Newer) Unfunded	21
Grounds - Concrete, Drainage Pans (Older) Unfunded	21
Grounds - Concrete, Sidewalks	22
Grounds - Landscape Refurbishment	22
Grounds - Lighting	23
Grounds - Replacement Sprinkler Heads, Recalled	23
Grounds - Sign, Monument	24
Grounds - Trash Structure	24
Lighting - Building Exterior	33

## **Detail Report Index**

	Page
Lighting - Building Interior	34
Painting - Exterior Stucco, Phase 1	27
Painting - Hardee Plank Siding, LHU's	28
Painting - Interior	29
Painting - Stairwells Steps	30
Painting - Stairwells, Level 4 & Up	30
Railing - Metal Pipe	31
Railing - Stairwells	32
Roofs - EPDM, Flat	25
Roofs - Metal, Unfunded	26
Spa Area - Refurbishment	35
Spa Area - Spa Replacement	36

Number of components included in this reserve analysis is 56.