



SUNRISE
PLACE

**2017
RESERVE STUDY
SUNRISE PLACE HOMEOWNERS ASSOCIATION**

Vancouver, WA 98665
Financial Year 01.2018–12.2018
Level 1 | Full Reserve Study



A New Strategy for Reserve Funding.

Our reserve study approach is simple. We provide you with the insight needed to make fast, accurate and informed decisions. We focus on understanding your situation and providing funding solutions that are designed with your goals in mind. By focusing on the detail and the big picture we provide the information you need to best manage your reserve fund and annual contributions.

As a long-term capital budget plan, the reserve study identifies the current status of the reserve fund and whether contributions to the fund are adequate to address future needs. The report helps the Association make necessary decisions regarding the development of their reserve fund and establish expectations in relation to the timing and cost of significant repair and replacement projects.

The reserve study recommends funding through smaller monthly contributions rather than risking large, unanticipated special assessments. Regular and ongoing reserve contributions are favored over special assessment as they help distribute expenses equally between current and future owners, and establish a stable contribution rate.

The reserve study contains 'forward looking' concepts which reflect expectations with respect to certain future events and potential financial performance. Although we believe at this time that the expectations reflected within the reserve study are reasonable, no assurances can be given that such expectations will prove correct. We recommend that the reserve study be updated annually to address changing circumstances and conditions.



6 CONTRIBUTION RANGE

Funding programs and strategies that are available to the Association.



15 PERCENT FUNDED

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EXECUTIVE SUMMARY

PROPERTY SUMMARY

ASSOCIATION NAME	Sunrise Place Homeowners Association
LOCATION	Vancouver, WA 98665
YEAR CONSTRUCTED	2007-13
NUMBER OF UNITS	48
FINANCIAL YEAR	2018 (January 1, 2018 - December 31, 2018)
REPORT LEVEL	Level 1 Full Study with Site Visit

RESERVE FUND

PROJECTED STARTING BALANCE ¹	\$24,000
FULL FUNDED BALANCE, IDEAL	\$188,917
PERCENT FUNDED ²	13%
INTEREST EARNED	1.00%
INFLATION RATE ³	3.00%

RESERVE CONTRIBUTIONS

CURRENT RESERVE FUND CONTRIBUTION	\$0
FULL FUNDING, MAXIMUM CONTRIBUTION	\$33,312
BASELINE FUNDING, MINIMUM CONTRIBUTION	\$29,179
SPECIAL ASSESSMENT	\$21,800

¹ Information in relation to the Association's finances were supplied by the Association's representative and is not audited.

² The ratio, at a particular point of time (the beginning of the Fiscal Year), of the actual (or projected) Reserve Balance to the Fully Funded Balance, expressed as a percentage (www.caonline.org). Used to highlight the strength of the Association's reserve fund.

³ Inflation rate is based upon the average annual increase of the Consumer Price Index (CPI) over the last 30-years, as published by the US Bureau of Labor Statistics (www.labor.gov).



KEY INSIGHTS

\$24,000

RESERVE ACCOUNT
BALANCE

\$33,312

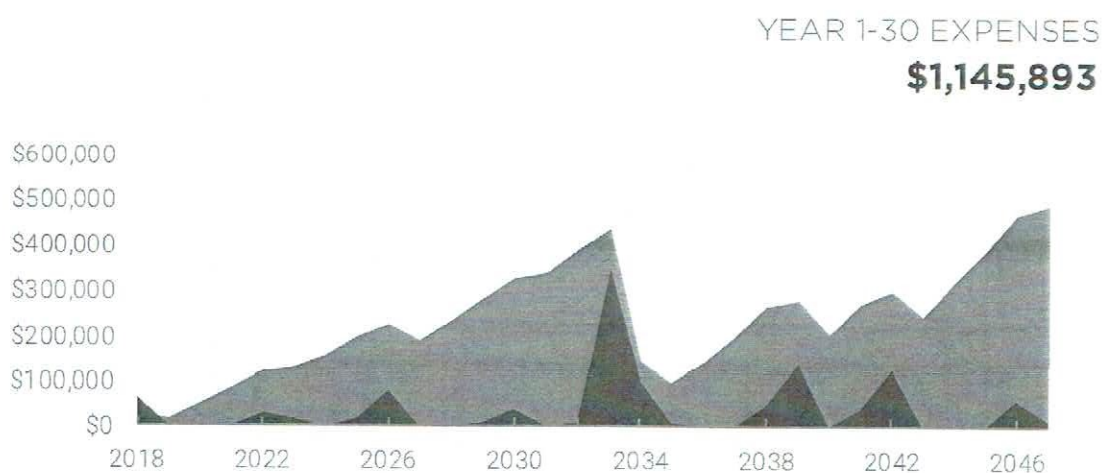
RECOMMENDED ANNUAL
RESERVE CONTRIBUTION

\$1,145,893

PROJECTED EXPENSES
OVER 30 YEARS

FULL FUNDING STRATEGY

Annual member contributions to the reserve fund are used to address those expenses too large or infrequent to be addressed through annual operating funds. The chart below highlights the outcome of the Full Funding strategy over the mid-to-long term.



STARTING BALANCE

\$24,000

ENDING BALANCE

\$557,168

Note: Figures based upon the expectation that the Association will continue to increase the contributions highlighted by an inflationary rate of 3.00% annually.

Special assessment of \$21,800 [2018] in addition to the Full, Baseline and Current annual contribution and funding calculations highlighted above.



CONTRIBUTION RANGE

We recommend that reserve contributions be evenly distributed between members over the life of a community. To achieve this goal, we establish an ideal contribution range within which the Association should establish ongoing payments.

\$29,179

MINIMUM
BASELINE FUNDING

\$33,312

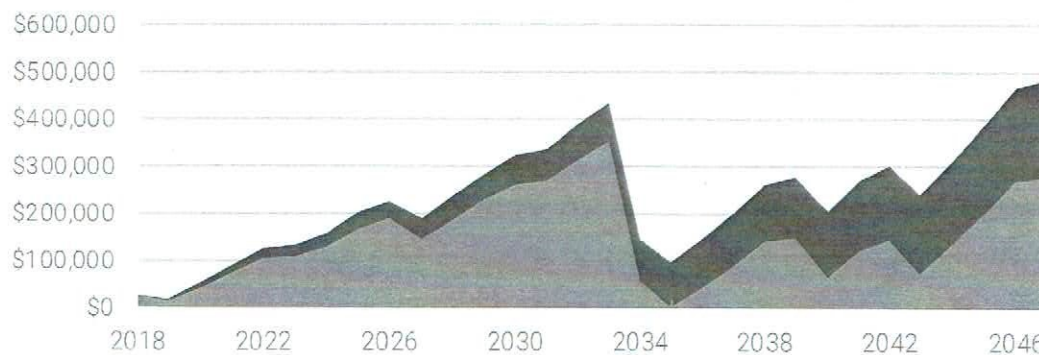
MAXIMUM
FULL FUNDING

\$0

CURRENT FUNDING

FUNDING STRATEGIES

The funding strategy chosen will have a direct impact on the growth of the Association's reserve fund. The chart below highlights the outcomes of the various funding strategies.



FULL FUNDING

\$33,312

BASELINE FUNDING

\$29,179

CURRENT FUNDING

\$0

Note: Figures based upon the expectation that the Association will continue to increase the contributions highlighted by an inflationary rate of 3.00% annually.

Special assessment of \$21,800 [2018] in addition to the Full, Baseline and Current annual contribution and funding calculations highlighted above.



FULL FUNDING PLAN | SUMMARY

Year	Fully Funded Balance	Percentage Funded	Beginning Balance	Reserve Contribution	Special Assessment	Interest Earned	Reserve Expenditures	Ending Balance
2018	\$188,917	13%	\$24,000	\$33,312	\$21,800	\$197	\$63,800	\$15,509
2019	\$155,071	10%	\$15,509	\$34,312	\$0	\$327	\$0	\$50,147
2020	\$186,711	27%	\$50,147	\$35,341	\$0	\$678	\$0	\$86,167
2021	\$220,109	39%	\$86,167	\$36,401	\$0	\$1,044	\$0	\$123,612
2022	\$255,342	48%	\$123,612	\$37,493	\$0	\$1,273	\$30,051	\$132,327
2023	\$261,539	51%	\$132,327	\$38,618	\$0	\$1,442	\$14,781	\$157,607
2024	\$284,535	55%	\$157,607	\$39,777	\$0	\$1,775	\$0	\$199,159
2025	\$324,357	61%	\$199,159	\$40,970	\$0	\$2,118	\$15,742	\$226,504
2026	\$350,097	65%	\$226,504	\$42,199	\$0	\$2,072	\$80,820	\$189,956
2027	\$310,546	61%	\$189,956	\$43,465	\$0	\$2,117	\$0	\$235,538
2028	\$354,048	67%	\$235,538	\$44,769	\$0	\$2,579	\$0	\$282,886
2029	\$399,882	71%	\$282,886	\$46,112	\$0	\$3,018	\$8,305	\$323,711
2030	\$439,592	74%	\$323,711	\$47,496	\$0	\$3,284	\$38,068	\$336,423
2031	\$450,926	75%	\$336,423	\$48,920	\$0	\$3,609	\$0	\$388,952
2032	\$502,931	77%	\$388,952	\$50,388	\$0	\$4,102	\$7,828	\$435,614
2033	\$549,588	79%	\$435,614	\$51,900	\$0	\$2,889	\$345,362	\$145,041
2034	\$251,172	58%	\$145,041	\$53,457	\$0	\$1,206	\$102,380	\$97,323
2035	\$195,301	50%	\$97,323	\$55,060	\$0	\$1,199	\$9,917	\$143,665
2036	\$234,251	61%	\$143,665	\$56,712	\$0	\$1,720	\$0	\$202,097
2037	\$285,884	71%	\$202,097	\$58,414	\$0	\$2,313	\$0	\$262,824
2038	\$340,404	77%	\$262,824	\$60,166	\$0	\$2,688	\$48,223	\$277,454
2039	\$348,269	80%	\$277,454	\$61,971	\$0	\$2,391	\$138,592	\$203,225
2040	\$264,708	77%	\$203,225	\$63,830	\$0	\$2,351	\$0	\$269,406
2041	\$322,853	83%	\$269,406	\$65,745	\$0	\$2,837	\$37,103	\$300,885
2042	\$346,032	87%	\$300,885	\$67,717	\$0	\$2,699	\$129,692	\$241,609
2043	\$276,091	88%	\$241,609	\$69,749	\$0	\$2,765	\$0	\$314,123
2044	\$339,233	93%	\$314,123	\$71,841	\$0	\$3,500	\$0	\$389,464
2045	\$405,915	96%	\$389,464	\$73,996	\$0	\$4,265	\$0	\$467,725
2046	\$476,292	98%	\$467,725	\$76,216	\$0	\$4,753	\$61,088	\$487,607
2047	\$487,607	100%	\$487,607	\$78,503	\$0	\$5,198	\$14,139	\$557,168



BASELINE FUNDING PLAN | SUMMARY

Year	Fully Funded Balance	Percentage Funded	Beginning Balance	Reserve Contribution	Special Assessment	Interest Earned	Reserve Expenditures	Ending Balance
2018	\$188,917	13%	\$24,000	\$29,179	\$21,800	\$176	\$63,800	\$11,355
2019	\$155,071	7%	\$11,355	\$30,054	\$0	\$264	\$0	\$41,673
2020	\$186,711	22%	\$41,673	\$30,956	\$0	\$572	\$0	\$73,200
2021	\$220,109	33%	\$73,200	\$31,884	\$0	\$891	\$0	\$105,976
2022	\$255,342	42%	\$105,976	\$32,841	\$0	\$1,074	\$30,051	\$109,840
2023	\$261,539	42%	\$109,840	\$33,826	\$0	\$1,194	\$14,781	\$130,079
2024	\$284,535	46%	\$130,079	\$34,841	\$0	\$1,475	\$0	\$166,395
2025	\$324,357	51%	\$166,395	\$35,886	\$0	\$1,765	\$15,742	\$188,303
2026	\$350,097	54%	\$188,303	\$36,963	\$0	\$1,664	\$80,820	\$146,110
2027	\$310,546	47%	\$146,110	\$38,072	\$0	\$1,651	\$0	\$185,833
2028	\$354,048	52%	\$185,833	\$39,214	\$0	\$2,054	\$0	\$227,101
2029	\$399,882	57%	\$227,101	\$40,390	\$0	\$2,431	\$8,305	\$261,618
2030	\$439,592	60%	\$261,618	\$41,602	\$0	\$2,634	\$38,068	\$267,786
2031	\$450,926	59%	\$267,786	\$42,850	\$0	\$2,892	\$0	\$313,528
2032	\$502,931	62%	\$313,528	\$44,136	\$0	\$3,317	\$7,828	\$353,153
2033	\$549,588	64%	\$353,153	\$45,460	\$0	\$2,032	\$345,362	\$55,282
2034	\$251,172	22%	\$55,282	\$46,823	\$0	\$275	\$102,380	\$0
2035	\$195,301	0%	\$0	\$48,228	\$0	\$192	\$9,917	\$38,503
2036	\$234,251	16%	\$38,503	\$49,675	\$0	\$633	\$0	\$88,811
2037	\$285,884	31%	\$88,811	\$51,165	\$0	\$1,144	\$0	\$141,120
2038	\$340,404	41%	\$141,120	\$52,700	\$0	\$1,434	\$48,223	\$147,031
2039	\$348,269	42%	\$147,031	\$54,281	\$0	\$1,049	\$138,592	\$63,769
2040	\$264,708	24%	\$63,769	\$55,910	\$0	\$917	\$0	\$120,596
2041	\$322,853	37%	\$120,596	\$57,587	\$0	\$1,308	\$37,103	\$142,387
2042	\$346,032	41%	\$142,387	\$59,315	\$0	\$1,072	\$129,692	\$73,082
2043	\$276,091	26%	\$73,082	\$61,094	\$0	\$1,036	\$0	\$135,212
2044	\$339,233	40%	\$135,212	\$62,927	\$0	\$1,667	\$0	\$199,805
2045	\$405,915	49%	\$199,805	\$64,815	\$0	\$2,322	\$0	\$266,942
2046	\$476,292	56%	\$266,942	\$66,759	\$0	\$2,698	\$61,088	\$275,311
2047	\$487,607	56%	\$275,311	\$68,762	\$0	\$3,026	\$14,139	\$332,960



METHODOLOGY

An important aspect of living in a common area development such as a cooperative, condominium, or homeowner Association is the community's ownership and commitment to maintain its common areas.

Association members have a vested interest in maintaining and preserving their investment. To meet these obligations, the Association should prudently prepare for the future and contribute funds into a reserve account. Periodic contributions provide the freedom to gradually accumulate funds for anticipated expenditures while limiting the need to raise large sums of money through alternative means, such as special assessments.

When implementing a policy to fund major repair or replacement, the Board must educate owners about the benefits of accumulating reserve funds in advance through periodic contributions. Benefits of a systematic accumulation of funds include:

- having assurance that funds for major repairs and replacements will be available when needed;
- development of an equitable method of charging both current and future owners for ongoing use of assets;
- preservation of the market value of individual units; and
- compliance with the governing documents, statutes, mortgages, and other similar requirements.

A reserve study recommends the preferable mode of funding through smaller monthly contributions rather than facing large, unanticipated special assessments. The reserve study provides an Association with access to information and materials that will assist them in making timely and informed decisions about their reserve fund and contributions.

A reserve study is the sum of two parts: the physical and financial analysis. The physical analysis is a result of the on-site collection and review of data specific to the property's reserve components, common areas, and limited common areas. Through an onsite inspection and the use of source materials, the Reserve Specialist quantifies and establishes the reserve component inventory and assesses the physical condition of the Association's reserve components. Data from the physical analysis is used to define the scope and timing of future anticipated expenses.

The financial analysis evaluates the condition of the Association's reserve fund in relation to its income and anticipated expenses. It appraises the adequacy of the reserve fund, and associated



member contributions, against the current and future expenditures of the Association. To adequately forecast these expenditures over the 30-year projection period, current costs, projected inflation, and interest rates must be established. Recommendations are then provided to establish a reserve fund that addresses anticipated expenses, without having to resort to special assessments.

Due to the long-term nature of a reserve study, certain assumptions must be made. Every effort has been made to ensure that the recommendations are based upon reliable and experienced sources in the building industry. However, there can be no guarantee that events will occur at the predicted specific intervals, or that they will occur at all. Any reserve study must be viewed in the light of circumstances existing at the actual time of the study.

PHYSICAL ANALYSIS

As part of this reserve study a comprehensive list of reserve components (major common and limited common elements) has been compiled. Estimates for the useful life, remaining life, plus current repair and replacement costs for each of these reserve components have been calculated. This list is not intended to be exhaustive. However, an inaccurate or incomplete list of components can have an adverse impact upon the Association's long-term funding plan.

Site Inspection

A site inspection is conducted to assess the general condition of the property and its common areas. The on-site inspection is visual in nature, and no destructive or invasive testing is conducted. Observations are recorded using a representative sampling of the Association's common areas and reserve components. The component inventory and associated field measurements are also substantiated as part of the inspection.

Reserve Components

Determination of what constitutes a reserve component is dependent on a number of factors. A four-part test is generally used to distinguish a reserve item from an operational or maintenance expense. A component is included as a reserve item only if it satisfies ALL criteria outlined below:

- It is part of the Association's common and limited common area responsibilities.
- It has a predictable useful service life.
- Its useful life fits within the projection period. This means that components with a life of 30 years or more may not be included as part of the report if it is determined that they will last beyond the projection period.
- Its cost for repair or replacement is too high to include as part of the operating budget.



The components of common property that an Association includes in its reserve funding plan are also dependent on the type of project, the construction properties and the Association's applicable governing documents and state statutes.

Component Useful Life

The useful life of a reserve component relates to the number of years it is expected to last, given reasonable care and maintenance. The prediction of reserve and building component life can be no more than an informed estimate based upon information made available at the time of the report's development. Consideration is given to vendor recommendations, material warranty information provided at the time of the report's development, along with other published sources. The data and service life estimates in this report are based on information gathered from various groups and industry sources as outlined below:

- Historical data and feedback from the Association;
- Management groups and maintenance managers;
- Manufacturer recommendations and industry standards;
- Published sources of service life data;
- Manufacturers' and suppliers' data.

Component Remaining Useful Life

The remaining life of a reserve component refers to the number of years left before an item's expected repair or replacement. A component's remaining life is contingent upon the following factors:

- Age/years in service;
- Physical condition;
- Frequency and quality of inspections and maintenance;
- General use;
- Environment, impact of weather and building location;
- Installation methods that meets or exceed industry standards;
- Design and quality of materials used.

In addition to deterioration or anticipated failure of a component, the longevity may be impacted by obsolescence. The accuracy of the estimate is contingent upon reliable information made available at the time of the report's development. It is important to note that even with the highest degree of diligence and experience, outcomes will vary, and no guarantee can be given as to the timing or service life of the reserve components. All service life assessments in this report are based on the assumption that installation is carried out in accordance with manufacturer's recommendations and installation instructions, together with industry standards of workmanship.



FINANCIAL ANALYSIS

An Association, like any business entity, must prepare financially for the replacement and repair of its assets. Reserve study funding analysis is an important part of the annual budget process. Reserve funding should be reviewed at least once annually to help determine the annual assessment to be charged to members. The following elements are used in the financial analysis.

Recommended Funding Rate

We advocate a program of regular reserve fund contributions and promote a gradual means of reserving for future repair and replacement expenses. Recommended contributions are set at a level where they require only minor annual increases. The rate is designed to distribute the anticipated cost of common property ownership equitably between all members over the entire projection period.

Fully Funded Balance

The Fully Funded balance is equal to the total depreciable cost of all the Association's reserve components. It is determined by dividing each reserve component's cost by its useful life, and multiplying that by the number of years the component has been in service (effectively its age). In essence, the depreciated or 'used up' value of a component is utilized to establish an amount that the Association should have saved by a particular time. The recommendations in this report are based upon a Full Funding plan, which sets the goal of achieving one hundred percent fully funded reserves by the end of the 30-year projection period. We advocate full funding as we feel that this approach provides a solid platform to address future needs, thus dramatically reducing the need for special assessment.

Percent Funded

An Association's reserve fund status is assessed by comparing the ratio of actual or projected funds available verses how much they 'should have saved'. The result is presented as a percentage and is commonly known as "percent funded". In other words, percent funded is calculated by dividing the Association's current reserve fund balance by the fully funded balance. This equation is an industry measure of how well prepared an Association is to meet its current and future repair and replacement obligations. Percent funded highlights the strength of the Association's reserve account in relation to the anticipated costs of repair and replacement.

Reserve Component Cost

Current cost estimates for reserve components are derived from a variety of sources but typically are based on cost data sourced from national construction estimators (R.S. Means) and vendor pricing acquired from regional contractors and suppliers. All cost estimates formulated from national estimators are based upon the latest specific geographical information for the area. Future cost estimates are determined by applying the assumed annual inflation rate to the current cost of each component.



Individual cost estimates are for budgeting purposes only. Actual construction costs can vary significantly due to economies of scale, material availability, labor, seasonal considerations, and other factors beyond our control. We recommend that project costs be substantiated well in advance of the anticipated date of repair and replacement. A detailed evaluation by a qualified professional should also be undertaken to establish the scope and budget of each project.

Cost estimates do not account for permits, architectural, or project management fees that may be required. Allowances and contingencies must also be added to the total as the scope of work is defined.

Inflation Rate

The effect of inflation on the cost of reserve components is a key factor in the financial projections. Historically, the cost of construction materials and labor rise at a higher rate than that experienced by the general economy. RSG has chosen to use an inflationary multiplier that is somewhat higher than the current general consumer index for inflation. The rate used is based upon the historical average of inflation over the last 30 years. This rate reflects a realistic appreciation of future costs for reserve components and assists the Association in adequately budgeting for increasing cost.

Interest Rate

The interest rate used in this report is formulated on a conservative rate of return. Unless otherwise advised by the Association, an assumed net interest rate of 1.00% is used. RSG offers no guarantee or opinion in relation to investment decisions made by the Association or the rate of return achieved.

Current Reserve Fund Balance

The analysis, recommendations, and financial projections made within this report are heavily reliant on information provided by the Association and its representatives. The starting reserve fund balance (current or projected) and member contribution totals are supplied by these sources. This information has not been audited nor have the financial projections or recommendations.



FINANCIAL ANALYSIS

This section of the report is intended to provide the association with the awareness to adequately plan for the ongoing major maintenance, repair and replacement of their common property components. The recommendations included within this report represent one scenario, and are not intended to represent the only means of achieving the association's goals. We recommend that the Board of Directors use the following information as a guide in planning for their future objectives.

Percent Funded

The Percent Funded equation is the industry measure of how well prepared an association is to meet its current and future repair and replacement obligations. Percent funded highlights the strength of the association's reserve account in relation to its anticipated costs of repair and replacement. The higher the funded level, the less exposed an association is to market conditions, unanticipated expenses or events, and fluctuations in the general economy.



RESERVE FUND
BALANCE
\$24,000

IDEAL
BALANCE
\$188,917

An Association at or below a funding level of 30% has an increased risk of requiring special assessments to meet their ongoing obligations, as compared to Associations with higher funding levels. A level of funding at and above 60% is categorized as good or well funded. We recommend that associations look to achieve and maintain funding levels at and above 60%, with a preference to being 100% funded.



Funding Goals

There is a range of funding alternatives available to the association. In our opinion the strategy chosen should not only meet the immediate needs and risk tolerance of current members, but also the longer term needs of the association.

The association needs to establish a reserve contribution rate which, at a minimum, meets their anticipated financial needs without having to resort to special assessment or deferred maintenance. In addition, the funding goal needs to be prudent enough to meet the expectations of current members while not unfairly burdening future owners.

The minimum funding goal needed to meet planned expenditure is Baseline Funding. Baseline Funding maintains the reserve account at or above zero dollars, but leaves the association with no contingency to address unanticipated outcomes. Threshold funding is a strategy designed to provide for this contingency by keeping cash reserves above a specific dollar amount or percent funded level.

FULL FUNDING

Establishes a goal of achieving one hundred percent fully funded reserves by the end of the projection period.

THRESHOLD FUNDING

Sets out to keep the cash reserves above a specified dollar or percent funded amount for the duration of the projection period.

BASELINE FUNDING

Establishes a goal of maintaining a reserve account balance above zero dollars throughout the study period.

The reserve fund plan highlighted in this report is based upon the Full Funding program of reserve contributions. The Full Funding plan highlights an ideal level of contributions which will enable an association to be 100% funded by the end of the projection period. As stated previously, we recommend that the association implement a program that moves them toward and maintains a funding level of 60-100%.



RESERVE COMPONENT LIST

Component	Useful Life	Remaining Useful Life	Quantity	Unit of Measure	Unit Cost	Current Cost	Current Fully Funded Balance
Roof - Asphalt Shingle, Lot 1 ¹	25	15	18	Squares	\$375.00	\$6,750	\$2,700
Roof - Asphalt Shingle, Lot 2	25	5	18	Squares	\$375.00	\$6,750	\$5,400
Roof - Asphalt Shingle, Lots 3-4	25	15	27	Squares	\$375.00	\$10,125	\$4,050
Roof - Asphalt Shingle, Lots 5-7	25	21	42	Squares	\$375.00	\$15,750	\$2,520
Roof - Asphalt Shingle, Lots 8-10	25	21	42	Squares	\$375.00	\$15,750	\$2,520
Roof - Asphalt Shingle, Lots 11-13	25	15	42	Squares	\$375.00	\$15,750	\$6,300
Roof - Asphalt Shingle, Lots 14-15	25	15	27	Squares	\$375.00	\$10,125	\$4,050
Roof - Asphalt Shingle, Lots 16-18	25	15	38	Squares	\$375.00	\$14,250	\$5,700
Roof - Asphalt Shingle, Lots 19-21	25	15	38	Squares	\$375.00	\$14,250	\$5,700
Roof - Asphalt Shingle, Lots 22-23	25	15	28	Squares	\$375.00	\$10,500	\$4,200
Roof - Asphalt Shingle, Lots 24-27	25	15	54	Squares	\$375.00	\$20,250	\$8,100
Roof - Asphalt Shingle, Lots 28-32	25	15	66	Squares	\$375.00	\$24,750	\$9,900
Roof - Asphalt Shingle, Lots 33-35	25	15	42	Squares	\$375.00	\$15,750	\$6,300
Roof - Asphalt Shingle, Lots 36-39	25	15	54	Squares	\$375.00	\$20,250	\$8,100
Roof - Asphalt Shingle, Lots 40-41	25	15	27	Squares	\$375.00	\$10,125	\$4,050
Roof - Asphalt Shingle, Lots 42-45	25	15	54	Squares	\$375.00	\$20,250	\$8,100
Roof - Asphalt Shingle, Lots 46-48	25	15	42	Squares	\$375.00	\$15,750	\$6,300
Building Exterior - Clean & Paint, Lots 1-2 ²	8	0	2	Lots	\$6,000.00	\$12,000	\$12,000
Building Exterior - Clean & Paint, Lots 3-4	8	0	2	Lots	\$5,200.00	\$10,400	\$10,400
Building Exterior - Clean & Paint, Lots 5-7	8	4	3	Lots	\$4,450.00	\$13,350	\$6,675
Building Exterior - Clean & Paint, Lots 8-10	8	4	3	Lots	\$4,450.00	\$13,350	\$6,675
Building Exterior - Clean & Paint, Lots 11-13	8	0	3	Lots	\$1,200.00	\$3,600	\$3,600
Building Exterior - Clean & Paint, Lots 14-15 ⁺	8	7	2	Lots	\$1,600.00	\$3,200	\$400
Building Exterior - Clean & Paint, Lots 16-18 ⁺	8	7	3	Lots	\$1,600.00	\$4,800	\$600
Building Exterior - Clean & Paint, Lots 19-21 ¹	8	7	3	Lots	\$1,600.00	\$4,800	\$600
Building Exterior - Clean & Paint, Lots 22-23	8	0	2	Lots	\$1,200.00	\$2,400	\$2,400
Building Exterior - Clean & Paint, Lots 24-27	8	0	4	Lots	\$1,400.00	\$5,600	\$5,600
Building Exterior - Clean & Paint, Lots 28-32	8	0	5	Lots	\$1,400.00	\$7,000	\$7,000
Building Exterior - Clean & Paint, Lots 33-35	8	0	3	Lots	\$1,400.00	\$4,200	\$4,200
Building Exterior - Clean & Paint, Lots 36-39	8	0	4	Lots	\$1,400.00	\$5,600	\$5,600
Building Exterior - Clean & Paint, Lots 40-41	8	0	2	Lots	\$1,600.00	\$3,200	\$3,200
Building Exterior - Clean & Paint, Lots 42-45	8	0	4	Lots	\$1,400.00	\$5,600	\$5,600
Building Exterior - Clean & Paint, Lots 46-48	8	0	3	Lots	\$1,400.00	\$4,200	\$4,200
General Site - Stormwater, Vault ³	6	5	1	Allowance	\$6,000.00	\$6,000	\$1,000
General Site - Fence, Vinyl Panel	30	21	900	LF	\$45.00	\$40,500	\$12,150
General Site - Mailboxes, Cluster Box Units	25	14	3	Each	\$1,725.00	\$5,175	\$2,277
General Site - Signage, Entry Monument	30	21	1	Lump Sum	\$2,500.00	\$2,500	\$750
TOTALS						\$404,600	\$188,917



RESERVE COMPONENT LIST

- ¹ We recommend the Association immediately implement a preventative maintenance program to annually clean and review community roofs.
- ² Paint Hardie fiber cement siding, wood trim, gutters and doors with 2 coats of an exterior acrylic latex paint. Clean vinyl siding if applicable.
- ³ Site conditions greatly influence maintenance requirements. In addition to removal of sediment and other media from the storm water facility, cleaning and replacement of the filter cartridges is anticipated to occur every 5-7 years. The allowance covers for cleaning and ongoing anticipated replacement of the filter cartridges [16 filters]. No major maintenance or replacement costs have been factored into the allowance, as the vault is anticipated to last beyond the projection period.
- ⁺ Useful life estimates based upon the assumption that buildings to be painted in 2017.

General Notes

Readers should be aware that certain property elements are considered 'long life' elements and are not accounted for within the reserve study in conjunction with elements that are or can be managed as part of the Association's operating budget.

Lot numbering based upon Clark County records [Sunrise Place survey].

Lot 1 - 8119 NE 35th Ave
Lot 2 - 8115 NE 35th Ave
Lot 3-4 - 3506 & 3510 NE 81st Cir
Lot 5-7 - 3514, 3600 & 3604 NE 81st Cir
Lot 8-10 - 3608, 3610 & 3612 NE 81st Cir
Lot 11-13 - 3620, 3607 & 3603 NE 81st Cir
Lot 14-15 - 3606 & 3604 NE 80th Cir
Lot 16-18 - 3602, 3512 & 3510 NE 80th Cir
Lot 19-21 - 3504, 3506 & 3508 NE 80th Cir
Lot 22-23 - 8013 & 8017 NE 35th Ave
Lot 24-27 - 8116, 8112, 8108 & 8104 NE 35th Ave
Lot 28-32 - 8100, 8026, 8022 & 8014 NE 35th Ave
Lot 33-35 - 8010, 8006 & 8002 NE 35th Ave
Lot 36-39 - 3411, 3413, 3415 & 3417 NE 80 St
Lot 40-41 - 3501 & 3503 NE 80th St
Lot 42-45 - 3505, 3507, 3509 & 3511 NE 80th St
Lot 46-48 - 3601, 3603 & 3605 NE 80th St.



RESERVE EXPENSES 1-10 YEARS

Component	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Roof - Asphalt Shingle, Lot 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lot 2	\$0	\$0	\$0	\$0	\$0	\$7,825	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 3-4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 5-7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 8-10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 11-13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 14-15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 16-18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 19-21	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 22-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 24-27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 28-32	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 33-35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 36-39	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 40-41	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 42-45	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 46-48	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 1-2	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$15,201	\$0
Building Exterior - Clean & Paint, Lots 3-4	\$10,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,174	\$0
Building Exterior - Clean & Paint, Lots 5-7	\$0	\$0	\$0	\$0	\$15,026	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 8-10	\$0	\$0	\$0	\$0	\$15,026	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 11-13	\$3,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,560	\$0
Building Exterior - Clean & Paint, Lots 14-15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,936	\$0	\$0
Building Exterior - Clean & Paint, Lots 16-18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,903	\$0	\$0
Building Exterior - Clean & Paint, Lots 19-21	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,903	\$0	\$0
Building Exterior - Clean & Paint, Lots 22-23	\$2,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,040	\$0
Building Exterior - Clean & Paint, Lots 24-27	\$5,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,094	\$0
Building Exterior - Clean & Paint, Lots 28-32	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,867	\$0
Building Exterior - Clean & Paint, Lots 33-35	\$4,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,320	\$0
Building Exterior - Clean & Paint, Lots 36-39	\$5,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,094	\$0
Building Exterior - Clean & Paint, Lots 40-41	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,054	\$0
Building Exterior - Clean & Paint, Lots 42-45	\$5,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,094	\$0
Building Exterior - Clean & Paint, Lots 46-48	\$4,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,320	\$0
General Site - Stormwater, Vault	\$0	\$0	\$0	\$0	\$0	\$6,956	\$0	\$0	\$0	\$0
General Site - Fence, Vinyl Panel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Site - Mailboxes, Cluster Box Units	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Site - Signage, Entry Monument	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Annual Expenditure	\$63,800	\$0	\$0	\$0	\$30,051	\$14,781	\$0	\$15,742	\$80,820	\$0

YEARS 1 THROUGH 10



RESERVE EXPENSES 11-20 YEARS

Component	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Roof - Asphalt Shingle, Lot 1	\$0	\$0	\$0	\$0	\$0	\$10,516	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lot 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 3-4	\$0	\$0	\$0	\$0	\$0	\$15,774	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 5-7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 8-10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 11-13	\$0	\$0	\$0	\$0	\$0	\$24,538	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 14-15	\$0	\$0	\$0	\$0	\$0	\$15,774	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 16-18	\$0	\$0	\$0	\$0	\$0	\$22,201	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 19-21	\$0	\$0	\$0	\$0	\$0	\$22,201	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 22-23	\$0	\$0	\$0	\$0	\$0	\$16,359	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 24-27	\$0	\$0	\$0	\$0	\$0	\$31,549	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 28-32	\$0	\$0	\$0	\$0	\$0	\$38,560	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 33-35	\$0	\$0	\$0	\$0	\$0	\$24,538	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 36-39	\$0	\$0	\$0	\$0	\$0	\$31,549	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 40-41	\$0	\$0	\$0	\$0	\$0	\$15,774	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 42-45	\$0	\$0	\$0	\$0	\$0	\$31,549	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 46-48	\$0	\$0	\$0	\$0	\$0	\$24,538	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 1-2	\$0	\$0	\$0	\$0	\$0	\$0	\$19,256	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 3-4	\$0	\$0	\$0	\$0	\$0	\$0	\$16,689	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 5-7	\$0	\$0	\$19,034	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 8-10	\$0	\$0	\$19,034	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 11-13	\$0	\$0	\$0	\$0	\$0	\$0	\$5,777	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 14-15	\$0	\$0	\$0	\$0	\$0	\$4,985	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 16-18	\$0	\$0	\$0	\$0	\$0	\$7,478	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 19-21	\$0	\$0	\$0	\$0	\$0	\$7,478	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 22-23	\$0	\$0	\$0	\$0	\$0	\$0	\$3,851	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 24-27	\$0	\$0	\$0	\$0	\$0	\$0	\$8,986	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 28-32	\$0	\$0	\$0	\$0	\$0	\$0	\$11,233	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 33-35	\$0	\$0	\$0	\$0	\$0	\$0	\$6,740	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 36-39	\$0	\$0	\$0	\$0	\$0	\$0	\$8,986	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 40-41	\$0	\$0	\$0	\$0	\$0	\$0	\$5,135	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 42-45	\$0	\$0	\$0	\$0	\$0	\$0	\$8,986	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 46-48	\$0	\$0	\$0	\$0	\$0	\$0	\$6,740	\$0	\$0	\$0
General Site - Stormwater, Vault	\$0	\$8,305	\$0	\$0	\$0	\$0	\$0	\$9,917	\$0	\$0
General Site - Fence, Vinyl Panel	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Site - Mailboxes, Cluster Box Units	\$0	\$0	\$0	\$0	\$7,828	\$0	\$0	\$0	\$0	\$0
General Site - Signage, Entry Monument	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Annual Expenditure	\$0	\$8,305	\$38,068	\$0	\$7,828	\$345,362	\$102,380	\$9,917	\$0	\$0

YEARS 11 THROUGH 20



RESERVE EXPENSES 21-30 YEARS

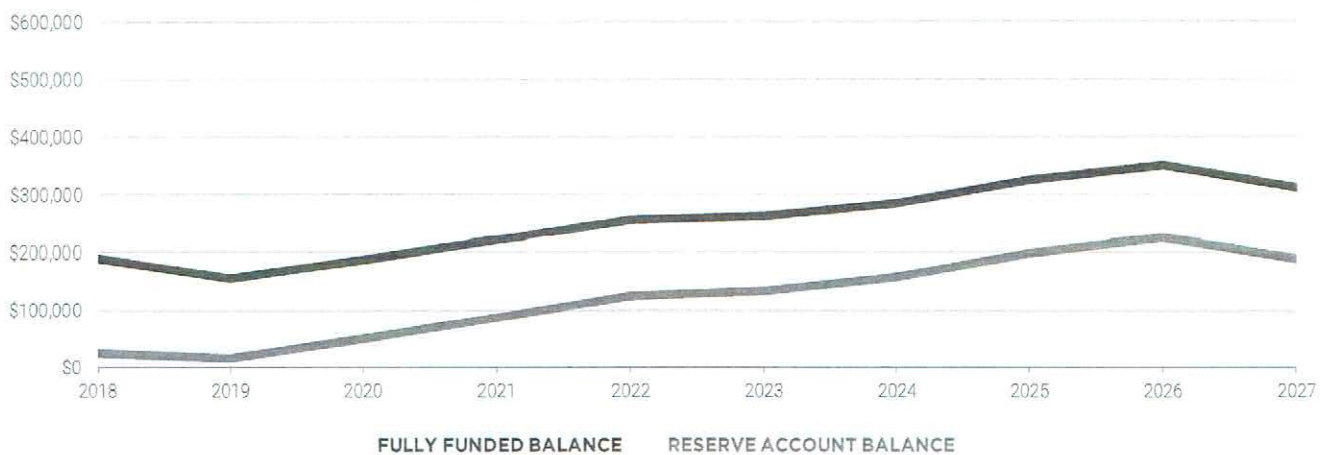
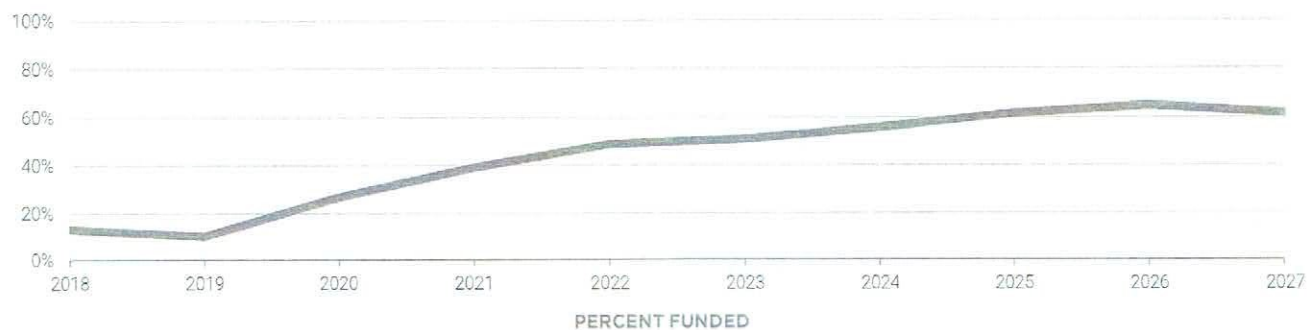
Component	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Roof - Asphalt Shingle, Lot 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lot 2	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 3-4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 5-7	\$0	\$29,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 8-10	\$0	\$29,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 11-13	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 14-15	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 16-18	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 19-21	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 22-23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 24-27	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 28-32	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 33-35	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 36-39	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 40-41	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 42-45	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Roof - Asphalt Shingle, Lots 46-48	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 1-2	\$0	\$0	\$0	\$0	\$24,394	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 3-4	\$0	\$0	\$0	\$0	\$21,141	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 5-7	\$24,112	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,544	\$0
Building Exterior - Clean & Paint, Lots 8-10	\$24,112	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,544	\$0
Building Exterior - Clean & Paint, Lots 11-13	\$0	\$0	\$0	\$0	\$7,318	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 14-15	\$0	\$0	\$0	\$6,315	\$0	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 16-18	\$0	\$0	\$0	\$9,473	\$0	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 19-21	\$0	\$0	\$0	\$9,473	\$0	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 22-23	\$0	\$0	\$0	\$0	\$4,879	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 24-27	\$0	\$0	\$0	\$0	\$11,384	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 28-32	\$0	\$0	\$0	\$0	\$14,230	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 33-35	\$0	\$0	\$0	\$0	\$8,538	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 36-39	\$0	\$0	\$0	\$0	\$11,384	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 40-41	\$0	\$0	\$0	\$0	\$6,505	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 42-45	\$0	\$0	\$0	\$0	\$11,384	\$0	\$0	\$0	\$0	\$0
Building Exterior - Clean & Paint, Lots 46-48	\$0	\$0	\$0	\$0	\$8,538	\$0	\$0	\$0	\$0	\$0
General Site - Stormwater, Vault	\$0	\$0	\$0	\$11,842	\$0	\$0	\$0	\$0	\$0	\$14,139
General Site - Fence, Vinyl Panel	\$0	\$75,342	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Site - Mailboxes, Cluster Box Units	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
General Site - Signage, Entry Monument	\$0	\$4,651	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Annual Expenditure	\$48,223	\$138,592	\$0	\$37,103	\$129,692	\$0	\$0	\$0	\$61,088	\$14,139

YEARS 21 THROUGH 30



FULL FUNDING PLAN 1-10 YEARS

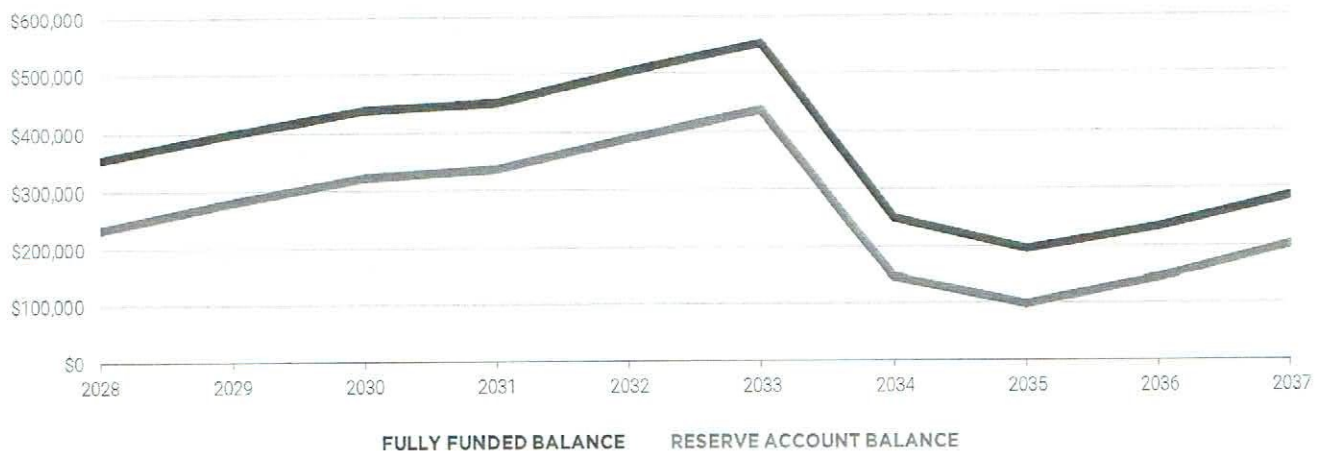
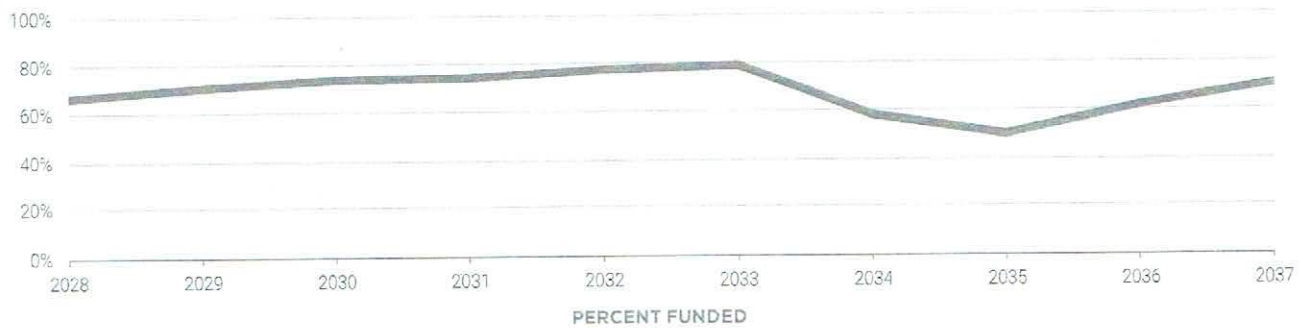
YEAR 1 - 10	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Fully Funded Balance	\$188,917	\$155,071	\$186,711	\$220,109	\$255,342	\$261,539	\$284,535	\$324,357	\$350,097	\$310,546
Percentage Funded (%)	13%	10%	27%	39%	48%	51%	55%	61%	65%	61%
Beginning Balance	\$24,000	\$15,509	\$50,147	\$86,167	\$123,612	\$132,327	\$157,607	\$199,159	\$226,504	\$189,956
Reserve Contribution	\$33,312	\$34,312	\$35,341	\$36,401	\$37,493	\$38,618	\$39,777	\$40,970	\$42,199	\$43,465
Avg Unit Contribution (mth)	\$57.83	\$59.57	\$61.36	\$63.20	\$65.09	\$67.05	\$69.06	\$71.13	\$73.26	\$75.46
Contribution Increase (%)		3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Special Assessment	\$21,800									
Interest Earned	\$197	\$327	\$678	\$1,044	\$1,273	\$1,442	\$1,775	\$2,118	\$2,072	\$2,117
Reserve Expenditures	\$63,800	\$0	\$0	\$0	\$30,051	\$14,781	\$0	\$15,742	\$80,820	\$0
ENDING BALANCE	\$15,509	\$50,147	\$86,167	\$123,612	\$132,327	\$157,607	\$199,159	\$226,504	\$226,504	\$235,538





FULL FUNDING PLAN 11-20 YEARS

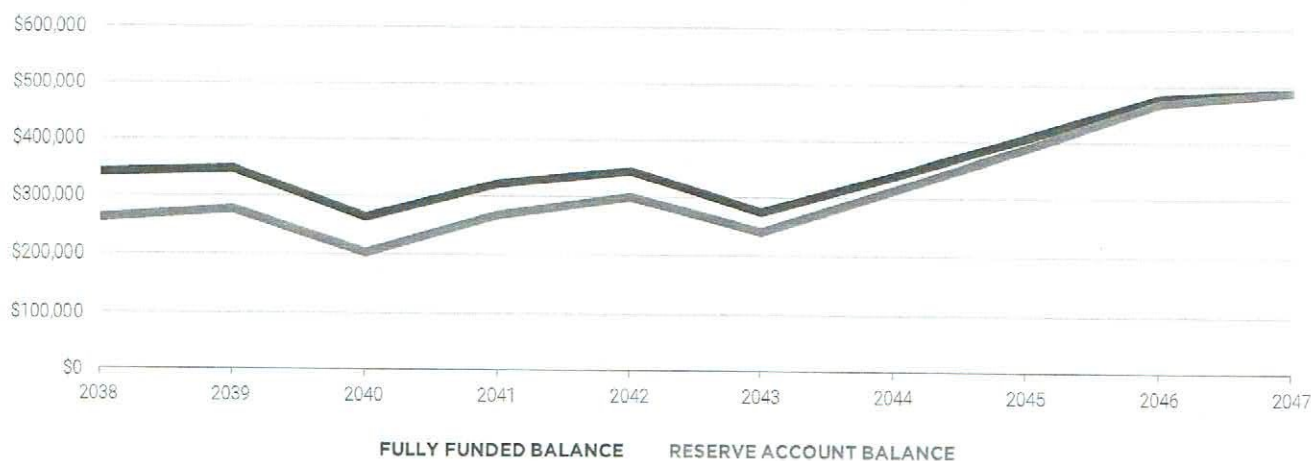
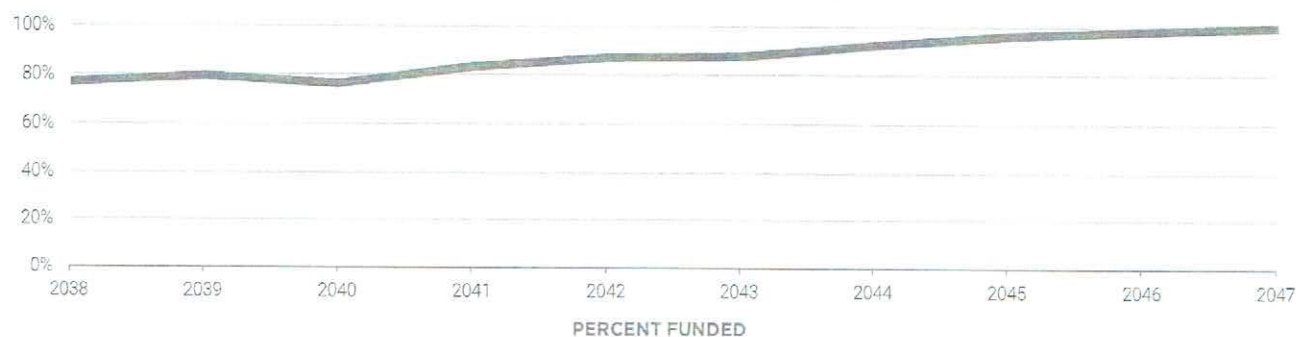
YEAR 11 - 20	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Fully Funded Balance	\$354,048	\$399,882	\$439,592	\$450,926	\$502,931	\$549,588	\$251,172	\$195,301	\$234,251	\$285,884
Percentage Funded (%)	67%	71%	74%	75%	77%	79%	58%	50%	61%	71%
Beginning Balance	\$285,538	\$282,886	\$323,711	\$336,423	\$388,952	\$435,614	\$145,041	\$97,323	\$143,665	\$202,097
Reserve Contribution	\$44,769	\$46,112	\$47,496	\$48,920	\$50,388	\$51,900	\$53,457	\$55,060	\$56,712	\$58,414
Avg Unit Contribution (mth)	\$77.72	\$80.06	\$82.46	\$84.93	\$87.48	\$90.10	\$92.81	\$95.59	\$98.46	\$101.41
Contribution Increase (%)	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Special Assessment										
Interest Earned	\$2,579	\$3,018	\$3,284	\$3,609	\$4,102	\$2,889	\$1,206	\$1,199	\$1,720	\$2,313
Reserve Expenditures	\$0	\$9,305	\$38,068	\$0	\$7,828	\$345,362	\$102,380	\$9,917	\$0	\$0
ENDING BALANCE	\$282,886	\$323,711	\$336,423	\$388,952	\$435,614	\$145,041	\$97,323	\$143,665	\$202,097	\$262,824





FULL FUNDING PLAN 21-30 YEARS

YEAR 21 - 30	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
Fully Funded Balance	\$340,404	\$348,269	\$264,708	\$322,853	\$346,032	\$276,091	\$339,239	\$405,915	\$476,292	\$487,607
Percentage Funded (%)	77%	80%	77%	83%	87%	88%	93%	96%	98%	100%
Beginning Balance	\$262,824	\$277,454	\$203,225	\$269,406	\$300,885	\$241,609	\$314,123	\$389,464	\$467,725	\$487,607
Reserve Contribution	\$60,166	\$61,971	\$63,830	\$65,745	\$67,717	\$69,749	\$71,841	\$73,996	\$76,216	\$78,503
Avg Unit Contribution (mth)	\$104.45	\$107.59	\$110.82	\$114.14	\$117.56	\$121.09	\$124.72	\$128.47	\$132.32	\$136.29
Contribution Increase (%)	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
Special Assessment										
Interest Earned	\$2,688	\$2,391	\$2,351	\$2,837	\$2,699	\$2,765	\$3,500	\$4,265	\$4,753	\$5,198
Reserve Expenditures	\$48,223	\$138,592	\$0	\$37,103	\$129,692	\$0	\$0	\$0	\$61,088	\$14,139
ENDING BALANCE	\$277,454	\$203,225	\$269,406	\$300,885	\$241,609	\$314,123	\$389,464	\$467,725	\$487,607	\$557,168





PHYSICAL ANALYSIS

This section of the report provides specific information regarding the physical condition of the property and common area assets. The data that follows is a result of the visual [non-intrusive] site review.

SITE INSPECTION

An on-site field survey was conducted to assess the general condition of the property and its reserve components. The survey was visual in nature, and no destructive or invasive testing was conducted. Observations were recorded using a representative sampling of the Association's common areas and reserve components. The component inventory and associated field measurements were also substantiated as part of the inspection. Due to the general and non-invasive nature of the site inspection, RSG cannot comment on components and conditions not visible to the naked eye.

COMPONENT INVENTORY

The component inventory summarizes associated costs of each reserve component, and additionally highlights those components which require further review. The inventory provides a visual reference point for understanding the Association's common area responsibilities.



COMPONENT INVENTORY

The following inventory summarizes the key data points of each reserve component funded through the Association's reserves. The list of components is unique to the Association and may serve as a general guide in determining the current condition and level of care needed to adequately maintain each component.

Understanding the Component Inventory

The information is intended to visually simplify and summarize the key points of information on a component by component basis.

Building Exterior - Clean & Paint, Lots 19-21



Current Cost	Estimated Quantity	Work Required	Action Required
\$4,800	3 Lots	Paint	2025



The orange badge highlights reserve components that are significant in nature, accounting for more than 5% of the Association's total reserve funding budget. The Association should give greater consideration to the maintenance and ongoing review of these particular items.



Roof - Asphalt Shingle, Lot 1



Roof - Asphalt Shingle, Lot 2





Roof - Asphalt Shingle, Lots 3-4

No Photo Available			
Current Cost	Estimated Quantity	Work Required	Action Required
\$10,125	27 Squares	Replace	2033

Roof - Asphalt Shingle, Lots 5-7

			
Current Cost	Estimated Quantity	Work Required	Action Required
\$13,750	42 Squares	Replace	2039



Roof - Asphalt Shingle, Lots 8-10

Current Cost	Estimated Quantity	Work Required	Action Required
\$15,750	42 Squares	Replace	2039

Roof - Asphalt Shingle, Lots 11-13

Current Cost	Estimated Quantity	Work Required	Action Required
\$15,750	42 Squares	Replace	2033

Roof - Asphalt Shingle, Lots 14-15

Current Cost	Estimated Quantity	Work Required	Action Required
\$10,125	27 Squares	Replace	2033

Roof - Asphalt Shingle, Lots 16-18

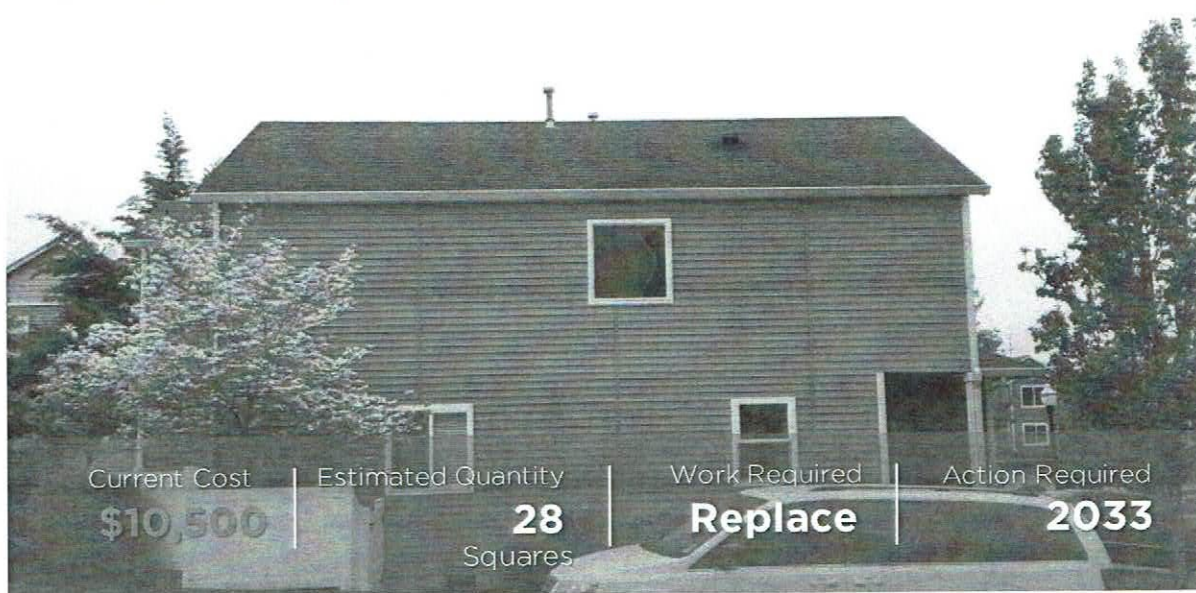
Current Cost	Estimated Quantity	Work Required	Action Required
\$14,250	38 Squares	Replace	2033

Roof - Asphalt Shingle, Lots 19-21

Current Cost	Estimated Quantity	Work Required	Action Required
\$14,250	38 Squares	Replace	2033



Roof - Asphalt Shingle, Lots 22-23



Roof - Asphalt Shingle, Lots 24-27





Roof - Asphalt Shingle, Lots 28-32

Current Cost	Estimated Quantity	Work Required	Action Required
\$24,750	66 Squares	Replace	2033

Roof - Asphalt Shingle, Lots 33-35

Current Cost	Estimated Quantity	Work Required	Action Required
\$15,750	42 Squares	Replace	2033

Roof - Asphalt Shingle, Lots 36-39

Current Cost	Estimated Quantity	Work Required	Action Required
\$20,250	54 Squares	Replace	2033

Roof - Asphalt Shingle, Lots 40-41

Current Cost	Estimated Quantity	Work Required	Action Required
\$10,125	27 Squares	Replace	2033

Roof - Asphalt Shingle, Lots 42-45

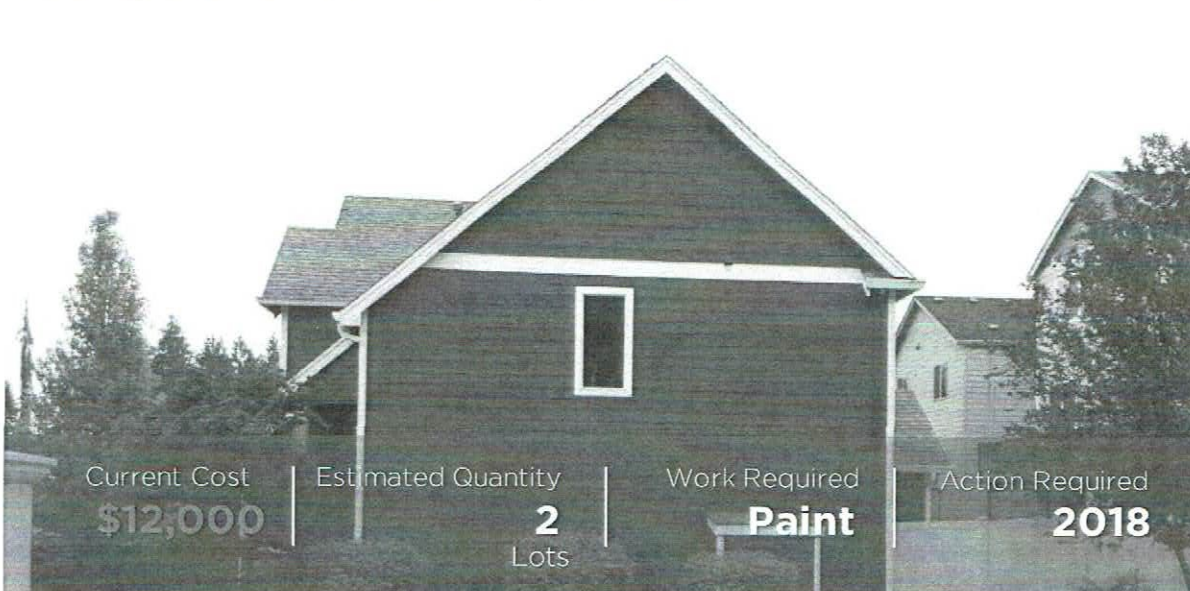
Current Cost	Estimated Quantity	Work Required	Action Required
\$20,250	54 Squares	Replace	2033



Roof - Asphalt Shingle, Lots 46-48



Building Exterior - Clean & Paint, Lots 1-2





Building Exterior - Clean & Paint, Lots 3-4

No Photo Available

Current Cost	Estimated Quantity	Work Required	Action Required
\$10,400	2 Lots	Paint	2018

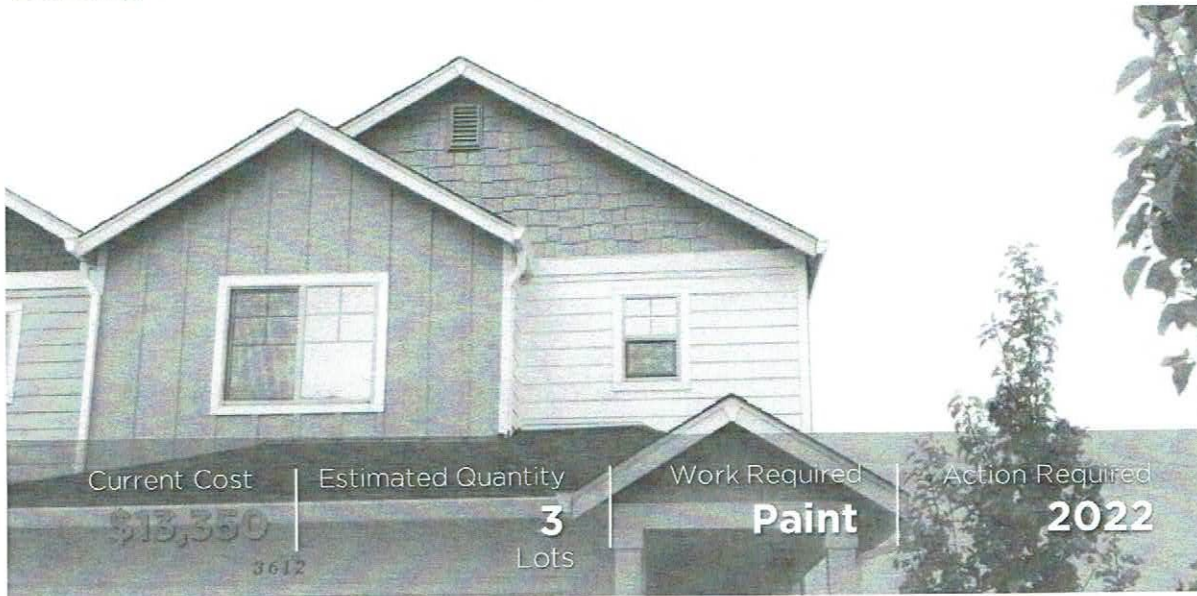
Building Exterior - Clean & Paint, Lots 5-7



Current Cost	Estimated Quantity	Work Required	Action Required
\$13,350	3 Lots	Paint	2022



Building Exterior - Clean & Paint, Lots 8-10

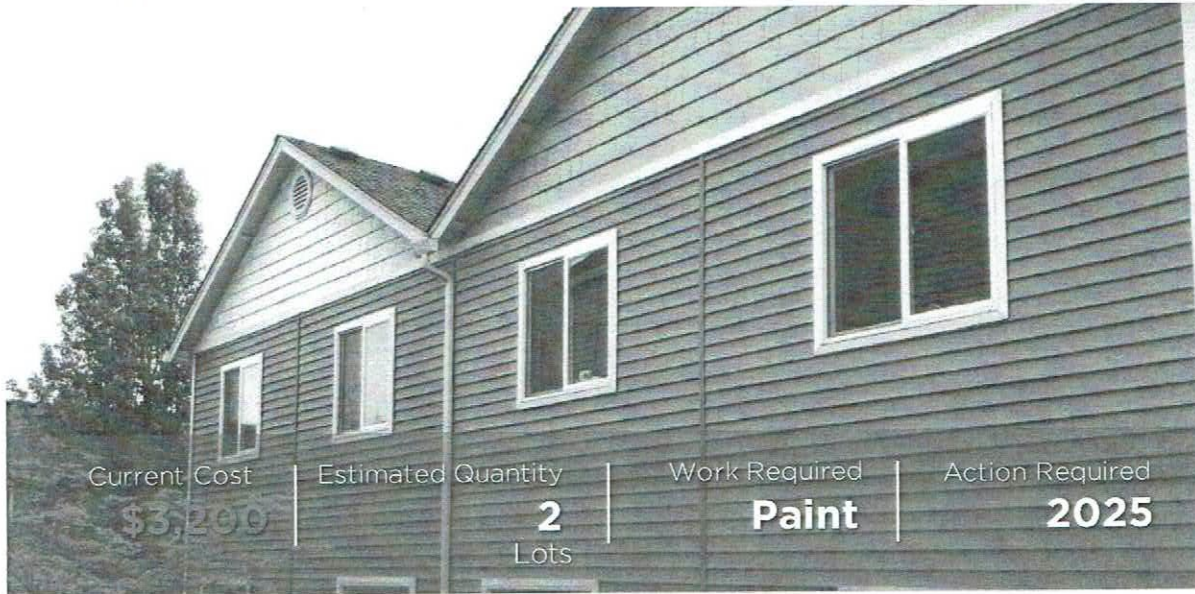


Building Exterior - Clean & Paint, Lots 11-13





Building Exterior - Clean & Paint, Lots 14-15



Building Exterior - Clean & Paint, Lots 16-18





Building Exterior - Clean & Paint, Lots 19-21



Building Exterior - Clean & Paint, Lots 22-23

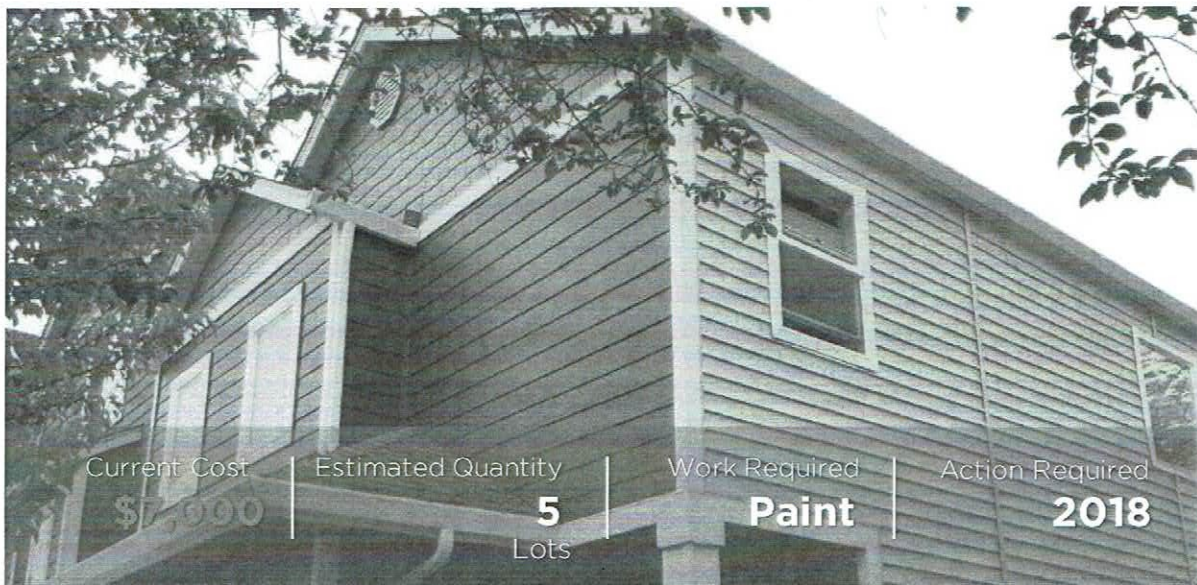




Building Exterior - Clean & Paint, Lots 24-27



Building Exterior - Clean & Paint, Lots 28-32

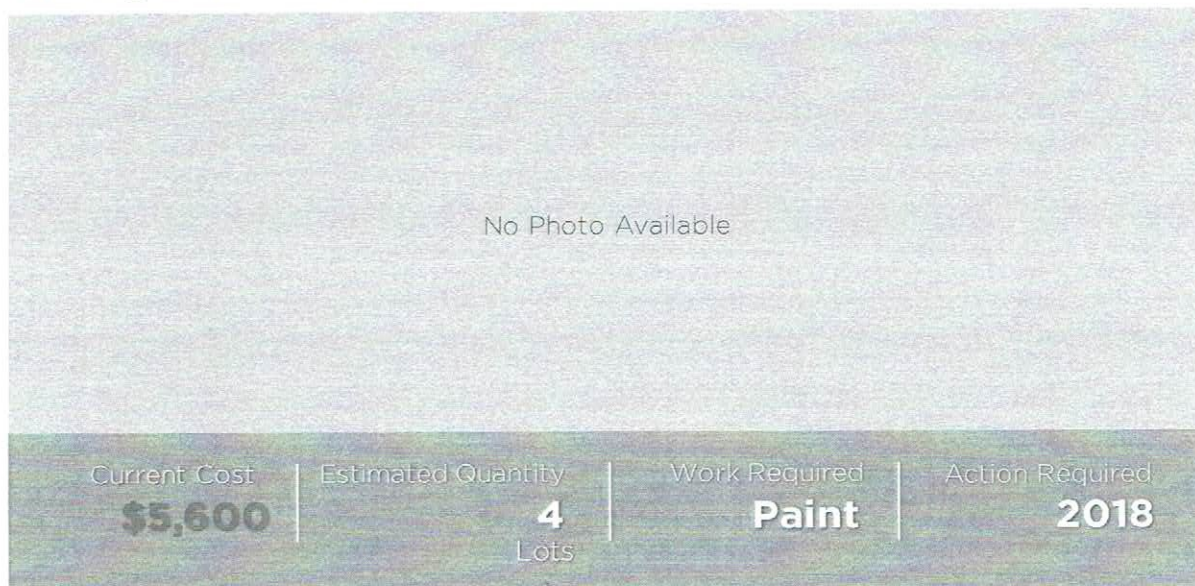




Building Exterior - Clean & Paint, Lots 33-35

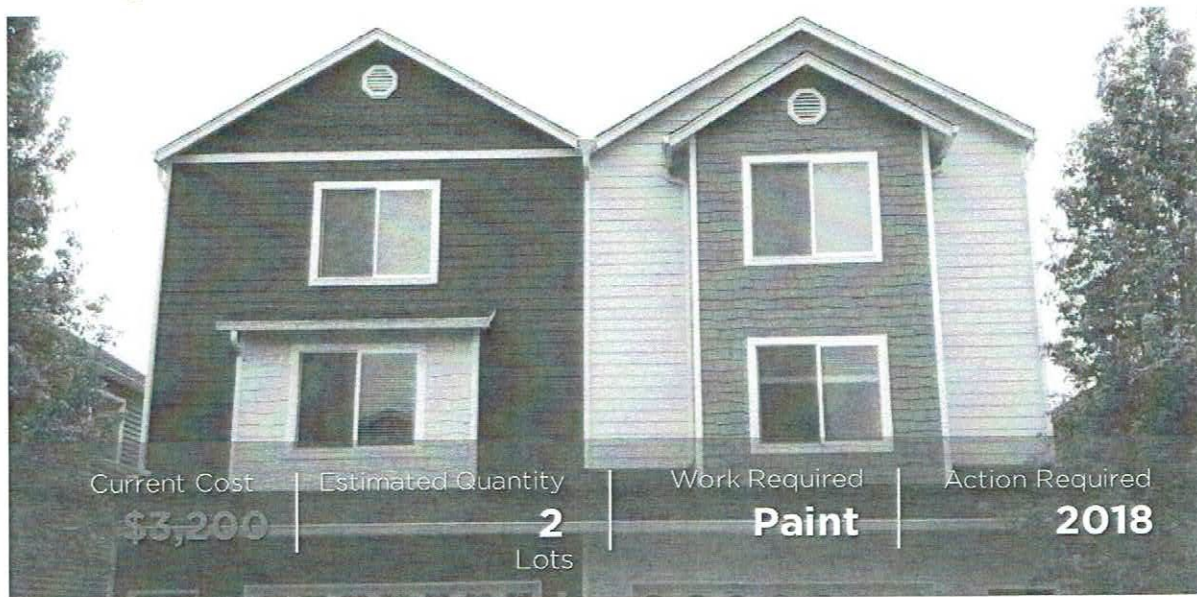


Building Exterior - Clean & Paint, Lots 36-39





Building Exterior - Clean & Paint, Lots 40-41



Building Exterior - Clean & Paint, Lots 42-45





Building Exterior - Clean & Paint, Lots 46-48



General Site - Stormwater, Vault





General Site - Fence, Vinyl Panel

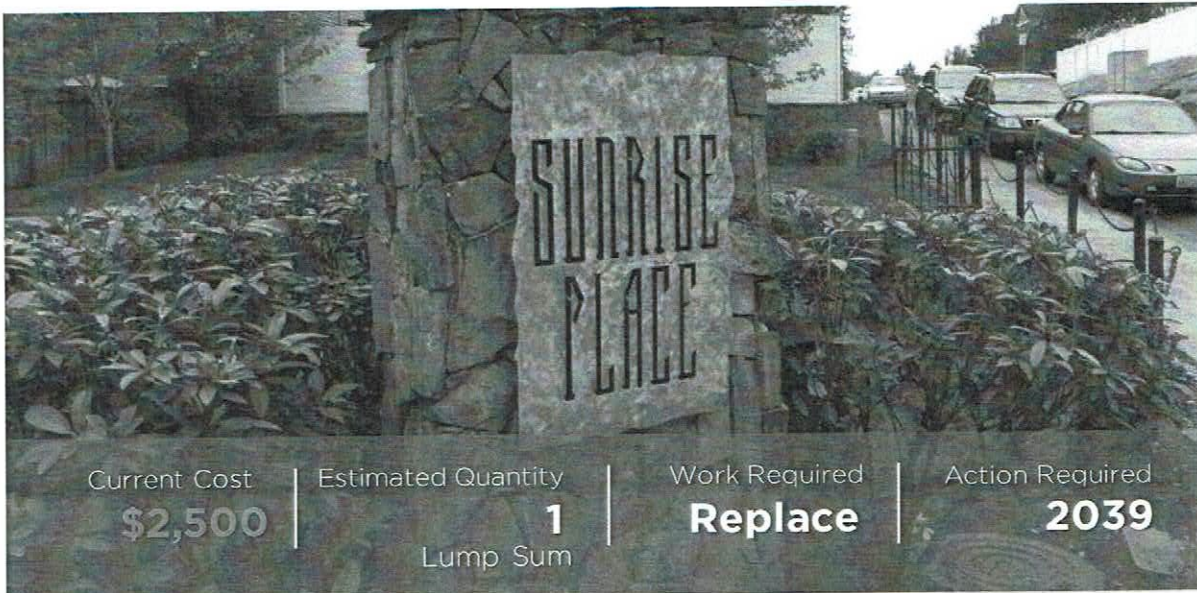


General Site - Mailboxes, Cluster Box Units





General Site - Signage, Entry Monument





DISCLOSURES

As a guideline for establishing and spending reserves, it is assumed that the reserve study will be regularly updated to address the Association's changing physical and financial circumstances. As such this report is valid at the date shown and Reserve Study Group, LLC (RSG) cannot be held responsible for subsequent changes in physical/chemical environmental conditions and/or legislation over which we have no control.

This reserve study is based on visual inspections of the physical plant's major components. No invasive or destructive testing, or testing of materials was conducted during the inspections, or at any other time during the preparation of this report. It is assumed that all building and ancillary components have been designed and constructed properly and that life cycles will approximate normal industry performance standards. RSG shall not be responsible for accurate determination of remaining life expectancies of components that may have been improperly designed and constructed. Our opinions of the remaining life expectancy of the property's components do not represent a guarantee or warranty of performance in relation to the product, materials or workmanship.

Cost estimates used represent a preliminary opinion only and are neither a quote nor a warranty of actual costs that may be incurred. These estimates are based on typical cost data that may not fully characterize the scope of the underlying property conditions. It should be anticipated that actual cost outcomes will be impacted by varying physical and economic conditions, maintenance practices, changes in technology, and future regulatory actions.

The authors of this report make no representation or warranty, expressed or implied, with respect to the contents of this publication or any part thereof and cannot accept any legal responsibility or liability for any inaccuracies, errors or omissions contained in this publication or any part thereof. Our best professional judgment has been used, however certain facts forming the basis of this report are subject to professional interpretation and differing conclusions could be reached.

RSG nor any of its representatives, agents or employees maintain management roles or vested interest in, or have other business relationships with the Association. There is no perceived or actual conflicts of interest between RSG and the Association.

This reserve study should be reviewed carefully. It may not include all common and limited common element components that will require major maintenance, repair, or replacement in future years, and may not include regular contributions to a reserve account for the cost of such maintenance, repair, or replacement. The failure to include a component in a reserve study, or to provide contributions to a reserve account for a component, may, under some circumstances, require you to pay on demand as a special assessment your share of common expenses for the cost of major maintenance, repair, or replacement of a reserve component.

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V1.0
05.17.17

