# **Real Estate Investment Analysis**

January 14, 2015



6929 W. 25th Place Lakewood CO 80214 Lakewood Duplex



**Elevate Real Estate** 15330 W. Archer Dr. Golden, CO 80401



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# Property Photos Lakewood Duplex, 6929 W. 25th Place



Main Property Photo

# **Property Summary**

# 6929 W. 25th Place Lakewood CO 80214 Lakewood Duplex

### **Operating Statement**

Gross Scheduled Income	\$37,080.00
- Vacancy Loss	\$370.80
= Gross Effective Income	\$36,709.20
+ Other Income	\$0.00
= Gross Operating Income	\$36,709.20
<ul> <li>Total Operating Expenses</li> </ul>	\$2,000.00
= Net Operating Income (NOI)	\$34,709.20



### **Financial Statistics**

Occupancy Percent	99.0%
Vacancy Percent	1.0%
Monthly Income Per Unit	\$1,545.00
Monthly Income Per Sq Ft	\$0.59
Annual Expenses Per Unit	\$1,000.00
Annual Expenses per Sq Ft	\$0.38
Gross Rent Multiplier	10.79
Cap Rate	8.68%

### Property Data

Purchase Price	\$400,000.00	Year Built 197
Number of Units	2	Land Area
Number Occupied	2	Buildings
Number Vacant		Stories
Price Per Unit	\$200,000.00	Electric Meters
Rentable Sq Ft	5,235	Gas Meters
Price Per Sq Ft	\$76.41	Parking Spaces
Taxes	\$0.00	Roof
Insurance	\$0.00	Zoning
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### Prepared By

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### 1st MTG - Fxd, Fully Amortized

\$280,000.00 70.00% 15.0 Years 15.0 Years 0.0% 3.875%

Loan Amount	
Loan to Value (LTV)	
Amortization Period	
Term (Due Date)	
Points	
Interest Rate	

# Amortization Table with Annual Values

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Year	Payment	Principal	Interest	Total Payment	Loan Balance
1	\$2,053.63	\$1,170.10	\$883.53	\$24,643.56	\$265,958.80
2	\$2,053.63	\$1,216.25	\$837.38	\$49,287.12	\$251,363.73
3	\$2,053.63	\$1,264.23	\$789.40	\$73,930.68	\$236,192.95
4	\$2,053.63	\$1,314.10	\$739.53	\$98,574.24	\$220,423.74
5	\$2,053.63	\$1,365.94	\$687.69	\$123,217.80	\$204,032.52
6	\$2,053.63	\$1,419.82	\$633.81	\$147,861.36	\$186,994.72
7	\$2,053.63	\$1,475.82	\$577.81	\$172,504.92	\$169,284.86
8	\$2,053.63	\$1,534.04	\$519.59	\$197,148.48	\$150,876.43
9	\$2,053.63	\$1,594.55	\$459.08	\$221,792.04	\$131,741.85
10	\$2,053.63	\$1,657.44	\$396.19	\$246,435.60	\$111,852.51
11	\$2,053.63	\$1,722.83	\$330.80	\$271,079.16	\$91,178.61
12	\$2,053.63	\$1,790.78	\$262.85	\$295,722.72	\$69,689.22
13	\$2,053.63	\$1,861.42	\$192.21	\$320,366.28	\$47,352.17
14	\$2,053.63	\$1,934.85	\$118.78	\$345,009.84	\$24,134.01
15	\$2,053.63	\$2,011.17	\$42.46	\$369,653.40	\$0.00

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# Annual Property Operating DataYear 1

6929 W. 25th Place Lakewood CO 80214 Lakewood Duplex

### Annual Income

Gross Scheduled Income	\$37,080.00
- Vacancy	\$370.80
= Effective Rental Income	\$36,709.20
+ Other Income	\$0.00
= Gross Operating Income	\$36,709.20
Annual Operating Exp	enses
Estimated Annual Expenses	\$2,000.00
Net Operating Incol	me
Gross Operating Income	\$36,709.20
- Annual Operating Expenses	\$2,000.00
= Net Operating Income	\$34,709.20
Annual Debt Servi	ce
1st Mortgage Principal and Interest	\$24,643.56
Annual Cash Flow Befo	ore Tax
Net Operating Income	\$34,709.20
- Annual Debt Service	\$24,643.56
Annual Fundad Decemica	
<ul> <li>Annual Funded Reserves</li> </ul>	\$1,835.46
- Funded Reserves Shortfall	\$1,835.46 \$0.00 \$8,230.18



### Initial Investment

Purchase Price	\$400,000.00
Down Payment	\$120,000.00
+ Closing Costs	\$8,000.00
+ Loan Points	\$0.00
+ Other Costs	\$0.00
+ Rehab Costs	\$0.00
= Total Investment	\$128,000.00

# **Proposed Financing**

Purchase Price	\$400,000.00
1st Mortgage	\$280,000.00
Points	0.0
Interest Rate	3.875%
Amortized Over	15.0 years
Term (Due Date)	15.0 years

#### Indicators

Cap Rate	8.68%
Gross Rent Multiplier	10.79
Cash on Cash	6.43%
Debt Coverage Ratio	1.41
Modified DCR	1.33
Default Ratio (Break Even)	72.58
Return on Gross Equity	6.86%
Year 1 IRR Before Tax	3.81%

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# Annual Return on InvestmentYear 1

6929 W. 25th Place Lakewood CO 80214 Lakewood Duplex

### ROI Without Tax Calculations

Initial Investment	\$128,000.00	
Cash Flow Before Tax	\$8,230.18	6.4%
+ Appreciation @ 5.0%	\$20,000.00	15.6%
+ Principal Reduction	\$14,041.22	11.0%
= Total Return	\$42,271.40	33.0%

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# 6929 W. 25th Place Lakewood CO 80214 Lakewood Duplex



#### Future Value Escalator

	Year 1	Year 2	Year 3	Year 4
Appreciation	5.00%	5.00%	5.00%	5.00%

#### Vacancy Percent

Vacancy Percent	1.00%

#### **Income Escalators**

Gross Scheduled Income	5.00%
Other Income	

#### **Expense Escalators**

Expenses	2.00%
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#### Cost Recovery Period

Improvements Years	27.5
Personal Property Years	5.0

#### **Other Assumptions**

Cost to Sell Property	7.00%
NPV Discount Rate	10.00%

#### **Investment Comparisons**

Bank CD Rate	1.00%
Mutual Fund	1.00%

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# Financing Spreadsheet

# 6929 W. 25th Place Lakewood CO 80214 Lakewood Duplex



Annual Figures	Year 1	Year 2	Year 3	Year 4	Year 5
PRICE					
Purchase Price	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00
Escalated Price (BOY)	\$400,000.00	\$420,000.00	\$441,000.00	\$463,050.00	\$486,202.50
Escalated Price (EOY)	\$420,000.00	\$441,000.00	\$463,050.00	\$486,202.50	\$510,512.63
Price Escalator: Appreciation	5.00 %	5.00 %	5.00 %	5.00 %	5.00 %
INITIAL INVESTMENT					
Down Payment	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00
+ Closing Costs	+\$8,000.00	+\$8,000.00	+\$8,000.00	+\$8,000.00	+\$8,000.00
+ Loan Points	+\$0.00	+\$0.00	+\$0.00	+\$0.00	+\$0.00
+ Other Costs	+\$0.00	+\$0.00	+\$0.00	+\$0.00	+\$0.00
+ Rehab Costs	+\$0.00	+\$0.00	+\$0.00	+\$0.00	+\$0.00
= Total Investment	=\$128,000.00	=\$128,000.00	=\$128,000.00	=\$128,000.00	=\$128,000.00
1st MTG - Fxd, Fully Amortized					
Loan Amount	\$280,000.00	\$280,000.00	\$280,000.00	\$280,000.00	\$280,000.00
Loan to Value (LTV)	70.00 %	70.00 %	70.00 %	70.00 %	70.00 %
Interest Rate	3.875 %	3.875 %	3.875 %	3.875 %	3.875 %
Amortization Period	15.0 Yrs				
Term (Due Date)	15.0 Yrs				
Points	%	%	%	%	%
Annual Principal	\$14,041.22	\$14,595.06	\$15,170.79	\$15,769.19	\$16,391.23
+ Annual Interest	+\$10,602.34	+\$10,048.50	+\$9,472.77	+\$8,874.37	+\$8,252.33
= Annual Debt Service	=\$24,643.56	=\$24,643.56	=\$24,643.56	=\$24,643.56	=\$24,643.56
Loan Balance (BOY)	\$280,000.00	\$265,958.80	\$251,363.73	\$236,192.95	\$220,423.74
- Annual Principal	-\$14,041.22	-\$14,595.06	-\$15,170.79	-\$15,769.19	-\$16,391.23
= Loan Balance (EOY)	=\$265,958.80	=\$251,363.73	=\$236,192.95	=\$220,423.74	=\$204,032.52
PRINCIPAL TRACKING					
1st Mortgage Loan Amount	\$280,000.00	\$280,000.00	\$280,000.00	\$280,000.00	\$280,000.00
- 1st Mortgage Loan Balance (EO)	<i>'</i>	-\$251,363.73	-\$236,192.95	-\$220,423.74	-\$204,032.52
= Principal Paid (Interest Deferred		=\$28,636.27	=\$43,807.05	=\$59,576.26	=\$75,967.48

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## **Before-Tax Cash Flow Spreadsheet**

# 6929 W. 25th Place Lakewood CO 80214 Lakewood Duplex



Annual Figures	Year 1	Year 2	Year 3	Year 4	Year 5
PRICE					
Purchase Price	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00
Escalated Price (BOY)	\$400,000.00	\$420,000.00	\$441,000.00	\$463,050.00	\$486,202.50
Escalated Price (EOY)	\$420,000.00	\$441,000.00	\$463,050.00	\$486,202.50	\$510,512.63
Price Escalator: Appreciation	5.00 %	5.00 %	5.00 %	5.00 %	5.00 %
INITIAL INVESTMENT					
Down Payment	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00	\$120,000.00
+ Closing Costs	+\$8,000.00	+\$8,000.00	+\$8,000.00	+\$8,000.00	+\$8,000.00
+ Loan Points	+\$0.00	+\$0.00	+\$0.00	+\$0.00	+\$0.00
+ Other Costs	+\$0.00	+\$0.00	+\$0.00	+\$0.00	+\$0.00
+ Rehab Costs	+\$0.00	+\$0.00	+\$0.00	+\$0.00	+\$0.00
= Total Investment	=\$128,000.00	=\$128,000.00	=\$128,000.00	=\$128,000.00	=\$128,000.00
1st MTG - Fxd, Fully Amortized	I				
Loan Amount	\$280,000.00	\$280,000.00	\$280,000.00	\$280,000.00	\$280,000.00
Loan to Value (LTV)	70.00 %	70.00 %	70.00 %	70.00 %	70.00 %
Interest Rate	3.875 %	3.875 %	3.875 %	3.875 %	3.875 %
Amortization Period	15.0 Yrs	15.0 Yrs	15.0 Yrs	15.0 Yrs	15.0 Yrs
Term (Due Date)	15.0 Yrs	15.0 Yrs	15.0 Yrs	15.0 Yrs	15.0 Yrs
Points	%	%	%	%	%
Annual Principal	\$14,041.22	\$14,595.06	\$15,170.79	\$15,769.19	\$16,391.23
+ Annual Interest	+\$10,602.34	+\$10,048.50	+\$9,472.77	+\$8,874.37	+\$8,252.33
= Annual Debt Service	=\$24,643.56	=\$24,643.56	=\$24,643.56	=\$24,643.56	=\$24,643.56
Loan Balance (BOY)	\$280,000.00	\$265,958.80	\$251,363.73	\$236,192.95	\$220,423.74
- Annual Principal	-\$14,041.22	-\$14,595.06	-\$15,170.79	-\$15,769.19	-\$16,391.23
= Loan Balance (EOY)	=\$265,958.80	=\$251,363.73	=\$236,192.95	=\$220,423.74	=\$204,032.52
PRINCIPAL TRACKING					
1st Mortgage Loan Amount	\$280,000.00	\$280,000.00	\$280,000.00	\$280,000.00	\$280,000.00
- 1st Mortgage Loan Balance (EC	DY)-\$265,958.80	-\$251,363.73	-\$236,192.95	-\$220,423.74	-\$204,032.52
= Principal Paid (Interest Deferre	ed) =\$14,041.20	=\$28,636.27	=\$43,807.05	=\$59,576.26	=\$75,967.48
ANNUAL INCOME					
Gross Scheduled Income	\$37,080.00	\$38,934.00	\$40,880.70	\$42,924.73	\$45,070.97

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### **Before-Tax Cash Flow Spreadsheet**

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Continued	Year 1	Year 2	Year 3	Year 4	Year 5
ANNUAL INCOME					
- Vacancy	-\$370.80	-\$389.34	-\$408.81	-\$429.25	-\$450.71
= Effective Rental Income	=\$36,709.20	=\$38,544.66	=\$40,471.89	=\$42,495.48	=\$44,620.26
+ Other Income	+\$0.00	+\$0.00	+\$0.00	+\$0.00	+\$0.00
= Gross Operating Income	=\$36,709.20	=\$38,544.66	=\$40,471.89	=\$42,495.48	=\$44,620.26
ANNUAL OPERATING EXPENSE	s				
Estimated Expenses	\$2,000.00	\$2,040.00	\$2,080.80	\$2,122.42	\$2,164.86
NET OPERATING INCOME					
Gross Operating Income	\$36,709.20	\$38,544.66	\$40,471.89	\$42,495.48	\$44,620.26
- Annual Operating Expenses	-\$2,000.00	-\$2,040.00	-\$2,080.80	-\$2,122.42	-\$2,164.86
= Net Operating Income	=\$34,709.20	=\$36,504.66	=\$38,391.09	=\$40,373.06	=\$42,455.40
ANNUAL DEBT SERVICE					
Principal and Int. 1st Mortgage	\$24,643.56	\$24,643.56	\$24,643.56	\$24,643.56	\$24,643.56
+ Principal and Int. 2nd Mortgage	+\$0.00	+\$0.00	+\$0.00	+\$0.00	+\$0.00
+ Principal and Int. 3rd Mortgage	+\$0.00	+\$0.00	+\$0.00	+\$0.00	+\$0.00
= Annual Debt Service	=\$24,643.56	=\$24,643.56	=\$24,643.56	=\$24,643.56	=\$24,643.56
FUNDED RESERVES					
At Beginning of Year	\$0.00	\$1,835.46	\$3,762.69	\$5,786.28	\$7,911.05
+ Annual Funded	+\$1,835.46	+\$1,927.23	+\$2,023.59	+\$2,124.77	+\$2,231.01
= Subtotal	=\$1,835.46	=\$3,762.69	=\$5,786.28	=\$7,911.05	=\$10,142.06
- Capital Additions	-\$0.00	-\$0.00	-\$0.00	-\$0.00	-\$0.00
= Funded Reserves Balance	=\$1,835.46	=\$3,762.69	=\$5,786.28	=\$7,911.05	=\$10,142.06
= Funded Reserves Shortfall	=\$0.00	=\$0.00	=\$0.00	=\$0.00	=\$0.00
ANNUAL CASH FLOW BEFORE	τλγ				
Net Operating Income	\$34,709.20	\$36,504.66	\$38,391.09	\$40,373.06	\$42,455.40
- Annual Debt Service	-\$24,643.56	-\$24,643.56	-\$24,643.56	-\$24,643.56	-\$24,643.56
- Annual Funded Reserves	-\$1,835.46	-\$1,927.23	-\$2,023.59	-\$2,124.77	-\$2,231.01
- Funded Reserves Shortfall	-\$0.00	-\$0.00	-\$0.00	-\$0.00	-\$0.00
= Annual Cash Flow Before Tax	=\$8,230.18	=\$9,933.87	=\$11,723.94	=\$13,604.73	=\$15,580.83

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# **Equity Spreadsheet**

# 6929 W. 25th Place Lakewood CO 80214 Lakewood Duplex



Annual Figures	Year 1	Year 2	Year 3	Year 4	Year 5		
SALES PROCEEDS BEFORE TAX							
Sale Price (EOY)	\$420,000.00	\$441,000.00	\$463,050.00	\$486,202.50	\$510,512.63		
- Cost of Sale @ 7.00%	-\$29,400.00	-\$30,870.00	-\$32,413.50	-\$34,034.18	-\$35,735.88		
- 1st Mortgage Loan Balance	-\$265,958.80	-\$251,363.73	-\$236,192.95	-\$220,423.74	-\$204,032.52		
- 2nd Mortgage Loan Balance	-\$0.00	-\$0.00	-\$0.00	-\$0.00	-\$0.00		
- 3rd Mortgage Loan Balance	-\$0.00	-\$0.00	-\$0.00	-\$0.00	-\$0.00		
= Sale Proceeds before Tax	=\$124,641.20	=\$158,766.27	=\$194,443.55	=\$231,744.58	=\$270,744.23		
+ Balance of Funded Reserves	+\$1,835.46	+\$3,762.69	+\$5,786.28	+\$7,911.05	+\$10,142.06		
= Total Proceeds before Tax	=\$126,476.66	=\$162,528.96	=\$200,229.83	=\$239,655.63	=\$280,886.29		
GROSS EQUITY AT PURCHASE	E						
Purchase Price	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00	\$400,000.00		
- Loan Amount	-\$280,000.00	-\$280,000.00	-\$280,000.00	-\$280,000.00	-\$280,000.00		
= Gross Equity at Purchase	=\$120,000.00	=\$120,000.00	=\$120,000.00	=\$120,000.00	=\$120,000.00		
GROSS EQUITY (EOY)							
Gross Equity (BOY)	\$120,000.00	\$154,041.22	\$189,552.95	\$226,686.24	\$265,516.05		
+ Appreciation Equity	+\$20,000.00	+\$20,916.67	+\$21,962.50	+\$23,060.62	+\$24,213.66		
+ Principal Paydown Equity	+\$14,041.22	+\$14,595.06	+\$15,170.79	+\$15,769.19	+\$16,391.23		
= Gross Equity (EOY)	=\$154,041.22	=\$189,552.95	=\$226,686.24	=\$265,516.05	=\$306,120.94		
GROSS EQUITY PLUS RESERV	/ES						
Gross Equity (EOY)	\$154,041.22	\$189,552.95	\$226,686.24	\$265,516.05	\$306,120.94		
+ Reserve Balance	+\$1,835.46	+\$3,762.69	+\$5,786.28	+\$7,911.05	+\$10,142.06		
= Total Gross Equity	=\$155,876.68	=\$191,388.41	=\$228,521.70	=\$267,351.51	=\$307,956.40		
RETURN ON GROSS EQUITY (	EOY)						
Annual Cash Flow Before Tax	\$8,230.18	\$9,933.87	\$11,723.94	\$13,604.73	\$15,580.83		
div Gross Equity (EOY)	\$155,876.68	\$191,388.41	\$228,521.70	\$267,351.51	\$307,956.40		
= Return on Gross Equity	=5.34 %	=5.24 %	=5.17 %	=5.12 %	=5.09 %		
NET EQUITY (EOY)							
Gross Equity (EOY)	\$155,876.68	\$191,388.41	\$228,521.70	\$267,351.51	\$307,956.40		
- Cost of Sale @ 7.00%	-\$29,400.00	-\$30,870.00	-\$32,413.50	-\$34,034.18	-\$35,735.88		
= Net Equity (EOY)	=\$124,641.22	=\$158,682.95	=\$194,272.74	=\$231,481.88	=\$270,385.05		
INDICATORS							

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Continued	Year 1	Year 2	Year 3	Year 4	Year 5
INDICATORS					
Cap Rate	8.68 %	8.69 %	8.71 %	8.72 %	8.73 %
Gross Rent Multiplier	10.79	10.79	10.79	10.79	10.79
Cash on Cash	6.43 %	7.76 %	9.16 %	10.63 %	12.17 %
Debt Coverage Ratio	1.41	1.48	1.56	1.64	1.72
Modified DCR	1.33	1.40	1.48	1.55	1.63
Default Ratio (Break Even)	72.58	69.23	66.03	62.99	60.08
IRR Before Tax	3.81 %	18.03 %	21.62 %	22.64 %	22.80 %

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