INVESTMENT ANALYSIS CANADA RENTAL APARTMENT BUILDING YEARLY EXAMPLE

INTRODUCTION

This example uses the Rental Apartment Building Yearly example.

This practice example consists of two Sections;

- 1. The input information for the project
- 2. The instructions for entering the project data

PROJECT INFO. Folder

Property Name: Parklane Place 40 Unit Apartment Building

Description: Rental Apartment Building Example

Analysis Period: 10 years Starting Date: Year 1 Jan Building Area 38,000 Sq Ft Rentable Area: 36,000 No. of Units: 40

Land Area: 46,000 Sq Ft

Frontage: 320 Ft

Purchase Price

Purchase Price: \$3,500,000

Acquisition Costs: 2.00% of Purchase Price

INVESTOR Folder

Marginal Tax Rate: 37.00%

Percentage of Capital Gain: 50.00%

Recaptured Depreciation Tax Rate: 25.00%

Desired Return or Discount Rate (Before Tax): 13.00%

Short Term Rates Before Tax for calculating the Modified Internal Rate of Return (MIRR)

Financing Rate: 8.000% Reinvestment Rate: 3.000%

INVESTMENT Folder

Description: Land Amount: \$1,000,000

Year 1 Jan

Depreciation Method: Land (No Deprec.)

Description: Building Amount: \$2,570,000

Year 1 Jan

CCA Class: Building

Description: Furniture & Equipment Mortgage Fees & Points: \$20,000

CCA Class: Furn/Equip

EXPENSES Folder

Operating expenses paid for by the investor such as taxes, insurance, maintenance, property management etc

Property Taxes

Year 1 Jan \$90,000 per Year increasing by 4.00% per year compounded for next 2 year then compounded at 3.00% per year

Insurance

Year 1 Jan \$45,000 per Year increasing by 5.00% per year compounded

Maintenance

Year 1 Jan \$400 per Unit x Total No. of Units per Year increasing by 4.00% per year compounded

Resident Caretaker

Year 1 Jan \$3,000 per month for one year then increasing by 4.00% per year compounded

Property Manager

4.00% of Effective Gross Income

Other Expenses

3.00% of Potential Gross Income

REVENUE Folder

One Bedroom Units

No. of Units: 25

\$900 per unit per month then increasing at 3.00% per year compounding

Two Bedroom Units

No. of Units: 15

\$1,100 per unit per month then increasing at 4.00% per year compounding

Laundry

\$15 per Unit x Total No. of Units per Mo then increasing at 5.00% per year compounding

Parking

No. of Spaces: 50

\$40 per Space per Mo then increasing at 5.00% per year compounding

VACANCY Folder

One bedroom Units

3.00% constant for the full period

Two Bedroom Units

3.00% constant over the full period

Laundry

3.00% constant over the full period

Parking

No vacancies

FINANCING Folder

Mortgage

Type: Standard Mortgage Year 1 January, \$2,000,000 Time Period: 10 years Amortization Period: 25 years

Interest Rate: 7.50%

SALE Folder

Real Estate Commissions

5.00% of Sale Price

Selling Expenses

Selling Expenses: \$6,000 Legal Fees: \$3,000

Sale Price

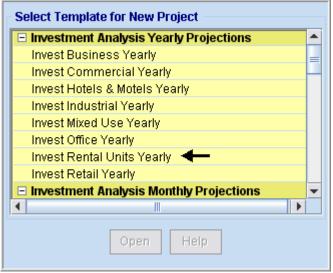
Based on a Cap Rate of 7.00% using the Income for the year following the Sale i.e., based on the Income & Expenses for year 11.

INSTRUCTIONS FOR ENTERING THE PROJECT INTO INVESTOR PRO

Getting started

The first step is to open the Investit Template "Invest Rental Units Yearly" as follows:

- 1. Open investor Pro.
- 2. Select the New Project Folder then select the Investit Templates folder



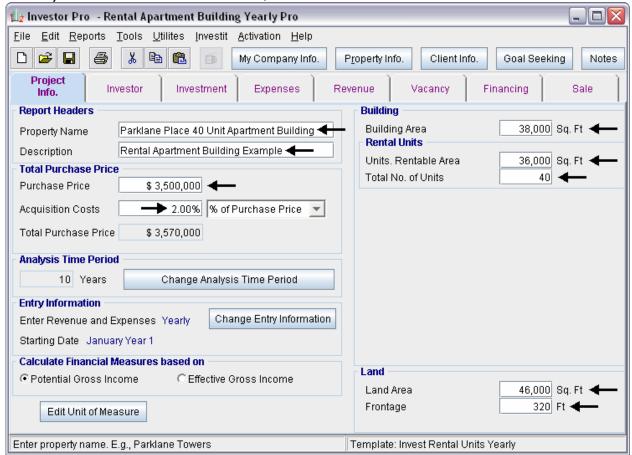
- 3. Select and open the Investit template "Invest Rental Units Yearly" The analysis period dialog will open at this point.
- 4. Enter 10 years and click OK

Entering the project data and information

PROJECT INFO Folder

- 1. Enter the Property Name: Parklane Place 40 Unit Apartment Building
- 2. Enter Description: Rental Apartment Building Example
- 3. Enter Purchase Price: \$3,500,000
- 4. Acquisition Cost: 2% of Purchase Price
- 5. Enter Building Area: 38,000 Sq. Ft
- 6. Enter Units. Rentable Area: 36,000 Sq. Ft
- 7. Enter Total No. of Units: 40
- 8. Enter Land Area: 46,000 Sq. Ft
- 9. Enter Frontage: 320 Sq. Ft

The Project Info screen should look like this;



INVESTOR Folder

- 1. Enter Investor's Marginal Tax Rate: 37.00%
- 2. Enter the Discount Rate Before Tax: 13.00%

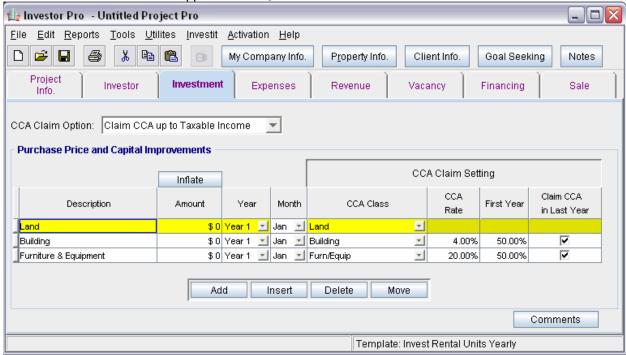
Notes:

The Discount Rate is used to calculate the Net Present Value and Net Effective Rent The program automatically calculates the Discount Rate After Tax

3. Enter Short Term Rates Before Tax Financing Rate: 8.00% Reinvestment Rate: 3.00%

INVESTMENT Folder

The Investment folder should appear like this;



First Row

1. Enter the Amount: \$1,000,000

Second Row

1. Select row 2 'Building'

2. Enter the Amount: \$2,570,000

Third Row

1. Select row with Description 'Furniture & Equipment

2. Enter Amount: \$20,000

👍 Investor Pro - Rental Apartment Building Yearly Pro <u>File Edit Reports Tools Utilites Investit Activation Help</u> X 🗈 My Company Info. Property Info. Client Info. Goal Seeking Notes Project Investor Investment Expenses Revenue Vacancy Financing Sale Info. ₩ CCA Claim Option: Claim CCA up to Taxable Income **Purchase Price and Capital Improvements** CCA Claim Setting Inflate CCA Claim CCA First Year Description Amount Year Month CCA Class Rate in Last Year \$1,000,000 Year 1 🗾 Jan 🖃 Land .and Building \$ 2,570,000 Year 1 🗾 Jan 🗾 Building Ŧ 4.00% 50.00% Furniture & Equipment \$ 20,000 Year 1 🖃 Jan 🖃 Furn/Equip Ŧ 20.00% 50.00% 굣 Add Insert Delete Move Comments

Template: Invest Rental Units Yearly

Your entries for the Leasehold improvements should look like this;

EXPENSES Folder

Property Taxes

Year 1 Jan \$95,000 per Year increasing by 4.00% per year compounded

Insurance

Year 1 Jan \$45,000 per Year paid increasing by 5.00% per year compounded

Maintenance

Year 1 Jan \$400 per Unit x Total No. of Units per Year increasing by 4.00% per year compounded

Resident Caretaker

Year 1 Jan \$3,000 per month for one year then increasing by 4.00% per year compounded

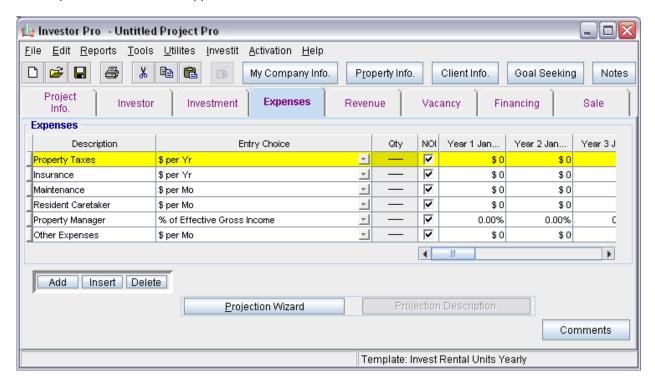
Property Management

4.00% of Effective Gross Income

Other Expenses

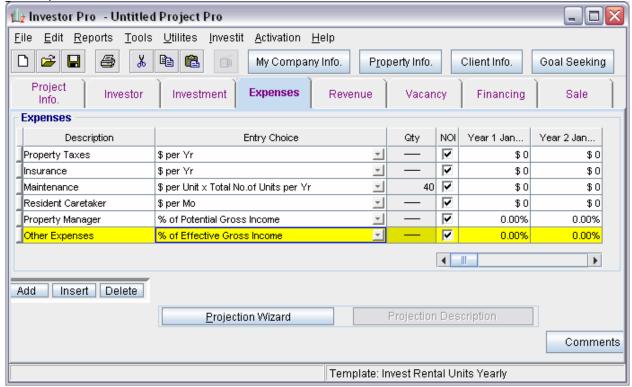
3.00% of Potential Gross Income

The Expenses folder should appear like this;



- 1. Select row 3 'Maintenance'
- 2. Select Entry Choice: "\$ per Unit x Total No. of Units per Yr"
- 3. Select row 6 'Other Expenses'
- 4. Select Entry Choice: "% of Potential Gross Income"

The Expenses folder should now look like this;



Steps for setting up Property Taxes

- 1. Select row 1 'Property Taxes'
- 2. Click on the Projection Wizard button

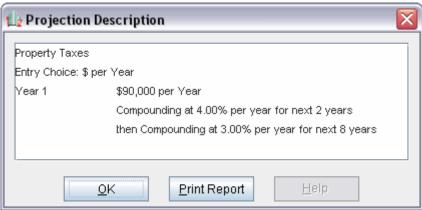
In the Projection Wizard

- 3. Entry column: Enter \$90,000
- 4. Project Entry Using column: Select "Annual Compounding"
- 5. **Increase column:** Enter the Compounding Rate of 4.00%
- 6. Time Period column: Select '3' Years
- 7. **Cont. Proj.:** check the Cont. Proj. checkbox

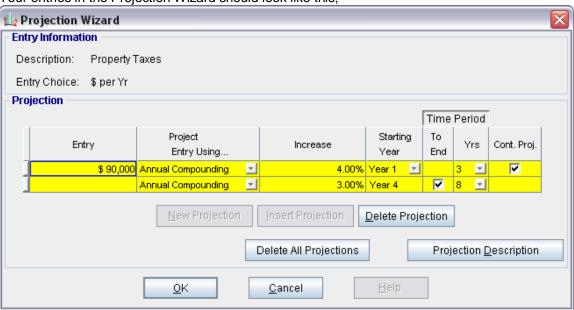
Row 2

- 8. Project Entry Using column: Select "Annual Compounding"
- 9. Increase column: Enter the Compounding Rate of 4.00%
- 10. Time Period column: Select '3' Years or check the "To End" checkbox

To view your entries, click on the Projection Description button, which describes the entries and projections.



Press OK to return to the Projection Wizard



Press OK to return to the Expenses folder

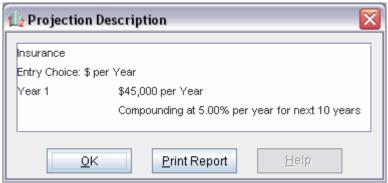
Steps for setting up Insurance

- 1. Select row 2 'Insurance'
- 2. Click on the <u>Projection Wizard</u> button

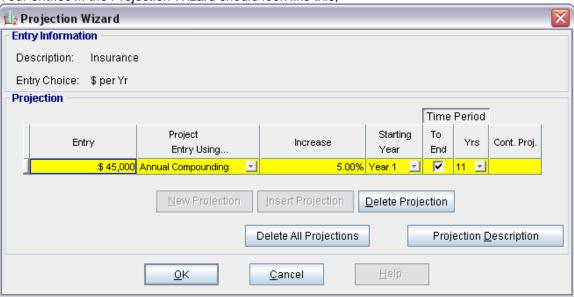
In the Projection Wizard

- 3. Entry column: Enter \$45,000.00
- 4. Project Entry Using column: Select "Annual Compounding"
- 5. Increase column: Enter the Compounding Rate of 5.00%
- 6. **Time Period column:** Check the "To End" box. This allows the projection to continue until the end of the 11 year Period

To view your entries, click on the Projection Description button, which describes the entries and projections.



Press OK to return to the Projection Wizard



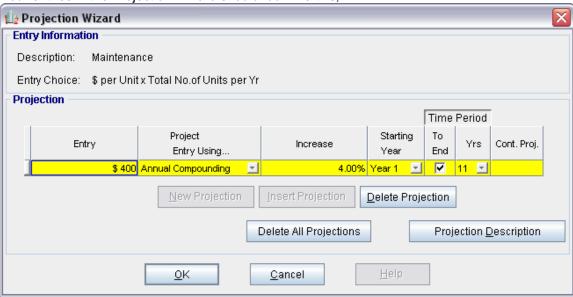
Press Ok to return to the Expenses folder

Steps for setting up Maintenance

- 1. Select row 3 'Maintenance'
- 2. Click on the <u>Projection Wizard</u> button

In the Projection Wizard

- 3. Entry column: Enter \$400
- 4. Project Entry Using column: Select "Annual Compounding"
- 5. Increase column: Enter the Compounding Rate of 4.00%
- 6. **Time Period column:** Check the "To End" box. This allows the projection to continue until the end of the 11 year Period



Press Ok to return to the Expenses folder

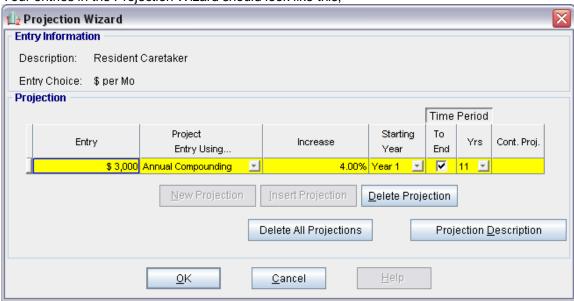
Steps for setting up Resident Caretaker

- 1. Select row 4 'Resident Caretaker'
- 2. Click on the Projection Wizard button

In the Projection Wizard

- 3. Entry column: Enter \$3,000
- 4. Project Entry Using column: Select "Annual Compounding"
- 5. Increase column: Enter the Compounding Rate of 4.00%
- 6. **Time Period column:** Check the "To End" box. This allows the projection to continue until the end of the 11 year Period

Your entries in the Projection Wizard should look like this;



Press OK to return to the Expenses folder

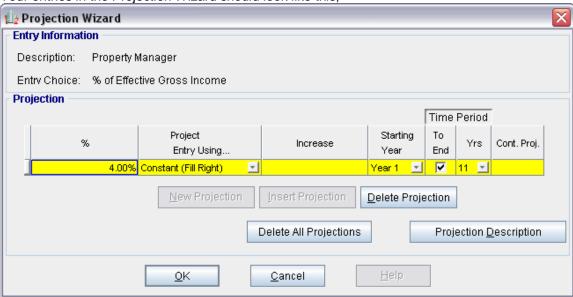
Steps for setting up Property Manager

- 1. Select row 5 'Property Manager'
- 2. Click on the <u>Projection Wizard</u> button

In the Projection Wizard

- 3. % column: Enter \$4.00%
- 4. **Time Period column:** Check the "To End" box. This allows the projection to continue until the end of the 11 year Period

Your entries in the Projection Wizard should look like this;



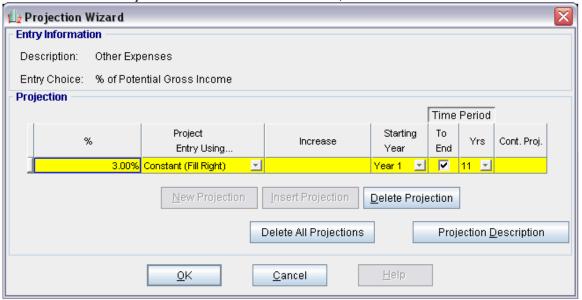
Press Ok to return to the Expenses folder

Steps for setting up Other Expenses

- 5. Select row 6 'Other Expenses'
- 6. Click on the <u>Projection Wizard</u> button

In the Projection Wizard

- 7. % column: Enter \$3.00%
- 8. **Time Period column:** Check the "To End" box. This allows the projection to continue until the end of the 11 year Period



Press Ok to return to the Expenses folder

REVENUE Folder

One Bedroom Units

No. of Units: 25

\$900 per unit per month then increasing at 3.00% per year compounding

Two Bedroom Units

No. of Units: 15

\$1,100 per unit per month then increasing at 4.00% per year compounding

Laundry

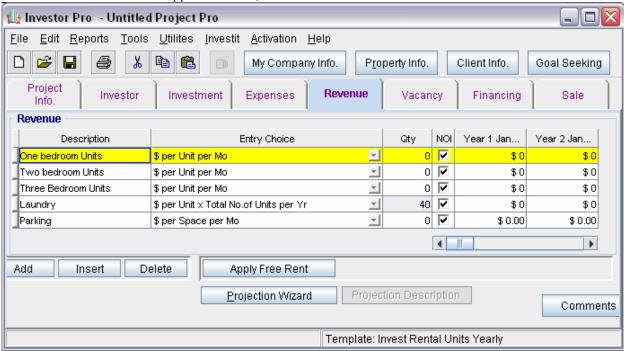
\$15 per Unit x Total No. of Units per Mo then increasing at 5.00% per year compounding

Parking

No. of Spaces: 50

\$40 per Space per Mo then increasing at 5.00% per year compounding

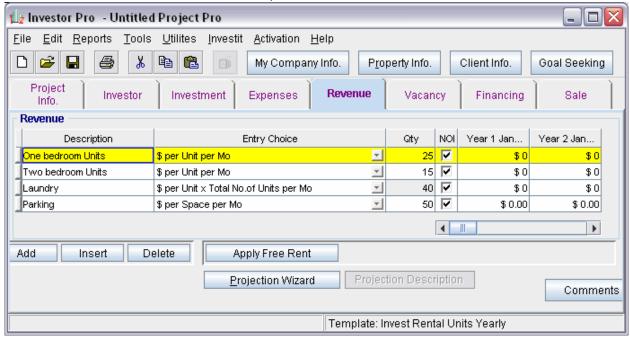
The Revenue folder should appear like this;



Steps for setting up the Revenue folder

- 1. Select row 1 'One Bedroom Units'
- 2. Enter QTY: 25
- 3. Select row 2 'Two Bedroom Units'
- 4. Enter QTY: 15
- 5. Select row 3 'Three Bedroom Units'
- 6. Click on the Delete button
- 7. Select row 4 'Laundry'
- 8. Select Entry Choice: "\$ per Unit x Total No. of Units per Mo"
- 9. Select row 5 'Parking'
- 10. Enter QTY: 50

The Revenue folder should now look like this;



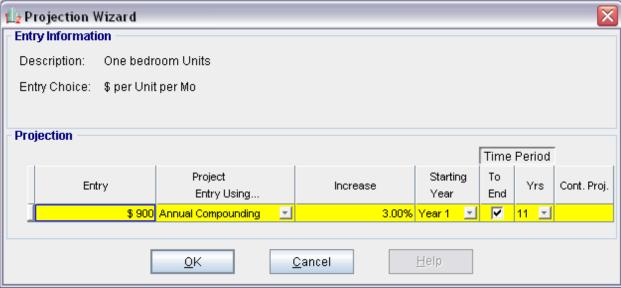
Steps for setting up One bedroom units

- 1. Select row 1 'One Bedroom Units'
- 2. Click on the <u>Projection Wizard</u> button

In the Projection Wizard

- 3. Project Entry Using column: Select "Annual Compounding"
- 4. Entry column: Enter \$900
- 5. **Time Period column:** Check the "To End" box. This allows the projection to continue until the end of the 11 year Period
- 6. Increase column: Enter the Compounding Rate of 3.00%

Your entries in the Projection Wizard should look like this;



Press OK to return to the Revenue folder

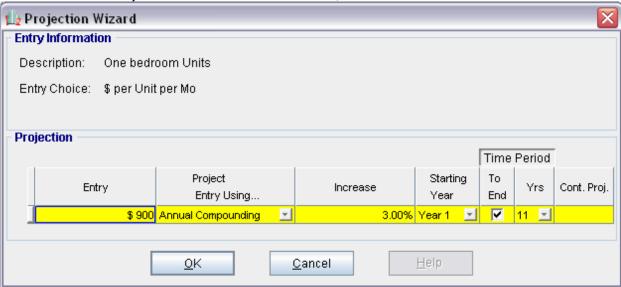
Steps for setting up Two Bedroom Units

- 1. Select row 2 'Two Bedroom Units'
- 2. Click on the Projection Wizard button

In the Projection Wizard

- 3. Project Entry Using column: Select "Annual Compounding"
- 4. Entry column: Enter \$1,100
- 5. **Time Period column:** Check the "To End" box. This allows the projection to continue until the end of the 11 year Period
- 6. Increase column: Enter the Compounding Rate of 4.00%

Your entries in the Projection Wizard should look like this;



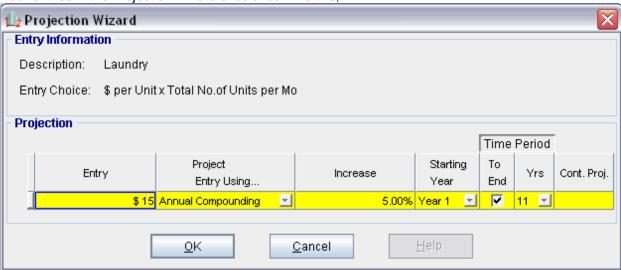
Press OK to return to the Revenue folder

Steps for setting up Laundry

- 1. Select row 3 'Laundry'
- 2. Click on the <u>Projection Wizard</u> button

In the Projection Wizard

- 3. Project Entry Using column: Select "Annual Compounding"
- 4. Entry column: Enter \$15
- 5. **Time Period column:** Check the "To End" box. This allows the projection to continue until the end of the 11 year Period
- 6. Increase column: Enter the Compounding Rate of 5.00%



Press OK to return to the Revenue folder

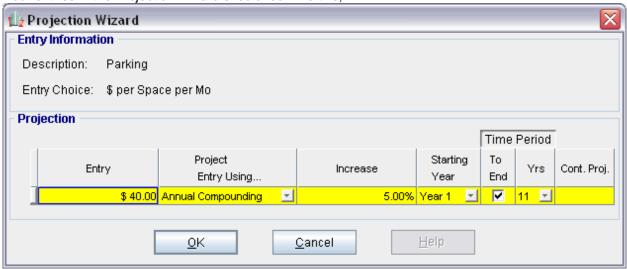
Steps for setting up Parking

- 1. Select row 4 'Parking'
- 2. Click on the Projection Wizard button

In the Projection Wizard

- 3. Project Entry Using column: Select "Annual Compounding"
- 4. Entry column: Enter \$40
- 5. **Time Period column:** Check the "To End" box. This allows the projection to continue until the end of the 11 year Period
- 6. Increase column: Enter the Compounding Rate of 5.00%

Your entries in the Projection Wizard should look like this;



Press OK to return to the Revenue folder

VACANCY Folder

One bedroom Units

3.00% constant over the full period

Two Bedroom Units

3.00% constant over the full period

Laundry

3.00% constant over the full period

Parking

0.00% constant over the full period

Steps for entering the Vacancy

Note: Detailed Entries should be the default selection

This project uses Detailed Entries vacancies so leave as default

Entering the One Bedroom Units

- 1. Select row 1 'One Bedroom Units'
- 2. Year 1 Jan...: Enter 3.00%
- 3. Press the Fill To End button

Entering the Two Bedroom Units

- 4. Select row 2 'Two Bedroom Units'
- 5. Year 1 Jan...: Enter 3.00%
- 6. Press the Fill To End button

Entering the Laundry

- 7. Select row 3 'Laundry'
- 8. Year 1 Jan...: Enter 3.00%
- 9. Press the Fill To End button

Entering the Parking

10. Parking is at 0.00% so leave as is

Select the Financing tab

FINANCING Folder

Mortgage (Borrowing)

Type: Standard Mortgage Year 1 January, \$2,000,000 Time Period 10 years

Amortization Period: 25 years

Interest Rate 7.50%

Setting up a mortgage

1. Click on the Financing folder tab

Click on the Add Mortgage button
 Add Mortgage Edit Mortgage Delete Mortgage Move

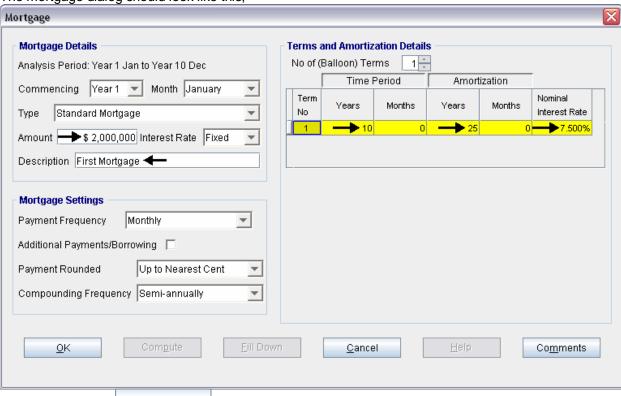
3. Amount box: \$2,000,000

4. Description box: "First Mortgage"

5. Time Period box: 10 Years

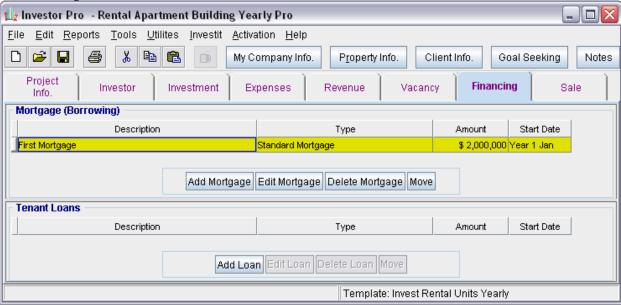
- 6. Amortization box: 25 Years
- 7. Nominal Interest Rate box: 7.50%

The mortgage dialog should look like this;



- 8. Press the Compute button
- 9. Press the OK button to return to the Financing folder

The financing folder should now look like this;



Select the Sale folder

SALE Folder

Real Estate Commissions

5.00% of Sale Price

The Real Estate Commission should appear like this;



Entering the Real Estate Commission

1. Enter 5.00% in the appropriate box

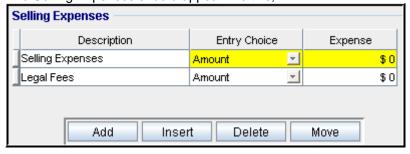
The Real Estate Commission should now look like this;



Selling Expenses

Selling Expenses: \$6,000 Legal Fees: \$3,000

The Selling Expenses should appear like this;



Entering the Selling Expenses

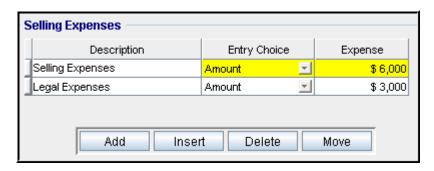
1. Select row 1 'Selling Expenses'

2. Expense: \$6,000

3. Select row 2: 'Legal Fees'

4. Enter Expense: \$3,000

The Selling Expenses should now look like this;



Sale Price

Based on a Cap Rate of 7.00% using the Income for the year following the Sale i.e., based on the Income & Expenses for year 11.

The Sale Price Estimator should appear like this;



Sale Price Wizard button

The Sale Price Wizard dialog will pop up;

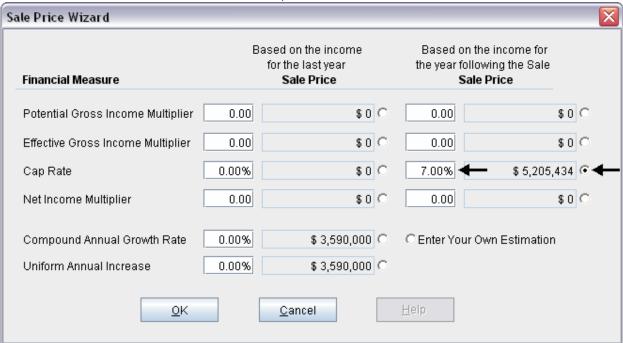


For this example we are using a Cap Rate

Row 1

- 1. In the second entry field to the right of Cap Rate: enter 7.00% Note: the field with the red box around it is the correct field on the above screenshot The Sale Price should now automatically appear in the field to the right
- 2. Click on the selection box next to the Sale Price Note: the correct field is circled in red on the above screenshot

The Sale Price Wizard should now look like this;



Press OK to return to the Sale Price folder

The Sale Price Estimator should now look like this;



SAVE YOUR PROJECT