OFFICE BUILDING EXPRESS CANADA EXAMPLE

INTRODUCTION

This office example uses features such as Free Rent.

For simplicity there are only two tenants used in the example.

Tenant A. 5,000 Sq. Ft Tenant B. 3,400 Sq. Ft

The Investit Template used is "Invest Office Yearly"

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: Capital Plaza Description: Office Building Example

Starting Date: Year 1 Jan Building Area 9,500 Sq Ft

Total Rentable Area: 8,400 Sq. Ft Total Usable Area: 7,119 Sq Ft Land Area: 105,000 Sq Ft

Frontage: 300 Ft

Analysis Period: 10 Years Purchase Price: \$2,700,000 Acquisition Costs: \$30,000

INVESTOR Folder

Marginal Tax Rate: 37.00%

Discount Rate: Before Tax 13.00% Percentage of Capital Gain Rate: 50.00%

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

Financing Rate: 8.000% Reinvestment Rate: 2.500%

INVESTMENT Folder

Description: Land Amount: \$900,000

Year 1 Jan

CCA Class: Land (No Deprec.)

Description: Building Amount: \$1,830,000

Year 1 Jan

CCA Class: Building

EXPENSES Folder

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

Property Taxes

\$35,000 compounding at 4.00% per Yr for the next 2 years then increasing at 3.00% per year compounding for the remaining term

Insurance

\$15,000 compounding at 4.00% per year

Maintenance

\$600 per month compounding at 3.00% per year

litilities

\$450 per month compounding at 3.00% per year

Property Management

5.00% of Effective Gross Income per year

GENERAL REVENUE Folder

Tenant A: 5,000 Sq. Ft

Tenant A Base Rent

\$25.00 per Sq. Ft per Yr paid monthly. One term of one year and two terms of five years. Increase for the second term based on 3.00% compounding per year for five years. Increase for the third term based on 4.00% compounding per year for five years.

Free Rent

25.00% in Year 1

Tenant A Recov. Expenses

\$5.00 per Sq. Ft per Year compounding at 3.00% per year

Tenant B: 3,400 Sq. Ft

Tenant B Base Rent

\$27.00 per Sq. Ft per Yr paid monthly. One term of two years, one term of five years and one term of four years. Increase for the second term based on 3.00% compounding per year for five years. Increase for the third term based on 4.00% compounding per year for four years.

Tenant B Recov. Expenses

\$5.00 per Sq. Ft per Year compounding at 3.00% per year

Parking

60 Spaces at \$45.00 per Space per Month for one year then compounding at 3.00% per year for two years. Then compounding at 4.00% per year for three years. Then compounding at 5.00% per year for five years.

VACANCY Folder

Detailed Entries

Tenant A Base Rent

3.00% of Revenue

Tenant A Recov. Expenses

3.00% of Revenue

Tenant B Base Rent

3.00% of Revenue

Tenant B Recov. Expenses

3.00% of Revenue

FINANCING Folder

1. Mortgage (Borrowing)

Type: Standard Mortgage Year 1 January 1, \$2,300,000

Time Period: 10 years Amortization: 25 years Interest Rate: 7.00%

SALE Folder

Real Estate Commissions

5% of Sale Price

Selling Expenses

Selling Expenses 2% of Sale Price

Legal Fees: \$6,000

Sale Price

Base on a Cap Rate of 7.00% using Based on 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 EXPRESS

Getting started

The first step is to open the Investor Express Template "Invest Office Yearly" as follows:

- 1. Open Investor Express.
- 2. Select the New Project Folder then select the Investit Template folder



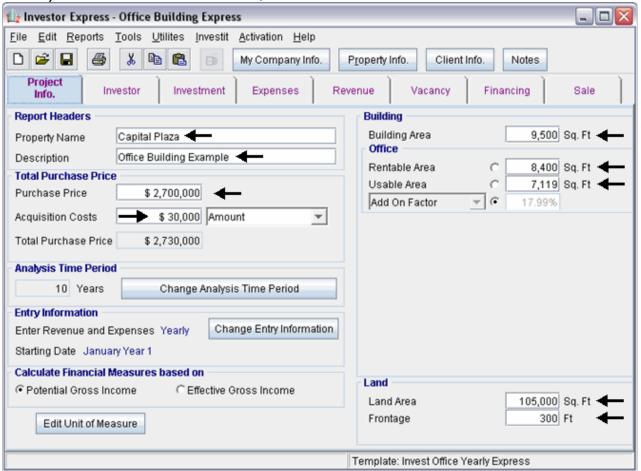
- 3. Select and open the Investit template "Invest Office Yearly" The analysis period dialog will open at this point.
- 4. Enter 10 years and click OK

Entering the project data and information

PROJECT INFO Folder

- 1. Enter the Property Name: Capital Plaza
- 2. Enter Description: Investment Analysis Office with Rent Roll
- 3. Enter Purchase Price: \$2,700,000
- 4. Enter Acquisition Costs: a) Select type "Amount" from the scrolling menu
 - b) Enter \$30,000 into the entry field
- 5. Enter Building Area: 9,500 Sq. Ft
- 6. Enter Rentable Area: 8,400 Sq. Ft
- 7. Enter Usable Area: 7,119
- 8. Enter Land Area: 105,000 Sq. Ft
- 9. Enter Frontage: 300 Sq. Ft

The Project Info screen should look like this;



Investor Folder

1. Enter the Discount Rate Before Tax: 13.00%

Notes:

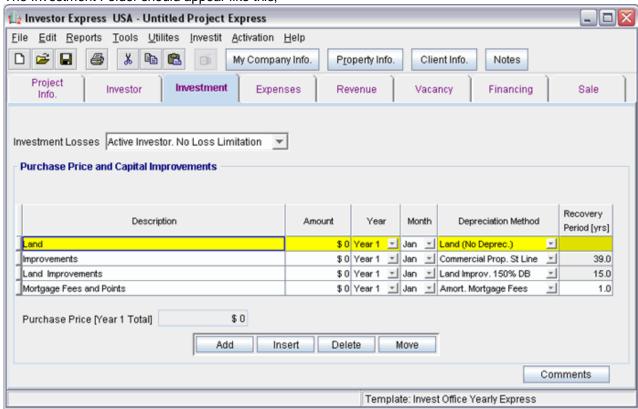
The Discount Rate is used to calculate the Net Present Value and Net Effective Rent The program automatically calculates the Discount Rate After Tax

2. Enter Short Term Rates Before Tax

Financing Rate: 8.00% Reinvestment Rate: 2.5.00%

INVESTMENT Folder

The Investment Folder should appear like this;



First Row

1. Enter the Amount: \$900,000

Second Row

- 1. Select row 2 'Building'
- 2. Enter the Amount: \$1,830,000

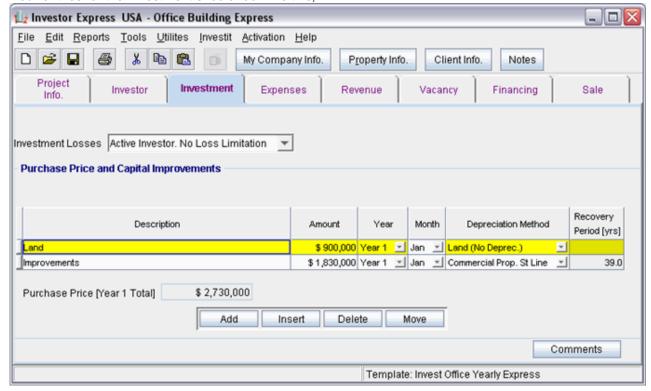
Third Row

- 1. Select row 3 'Land Improvements'
- 2. Click on the Delete button

Fourth Row

- 1. Select row 4 with Description 'Mortgage Fees and points'
- 2. Click on the Delete button

Your entries for the Investment should look like this;



EXPENSES Folder

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

Property Taxes

\$35,000 compounding at 4.00% per Yr for the next 2 years then increasing at 3.00% per year compounding for the remaining term

Insurance

\$15,000 compounding at 4.00% per year

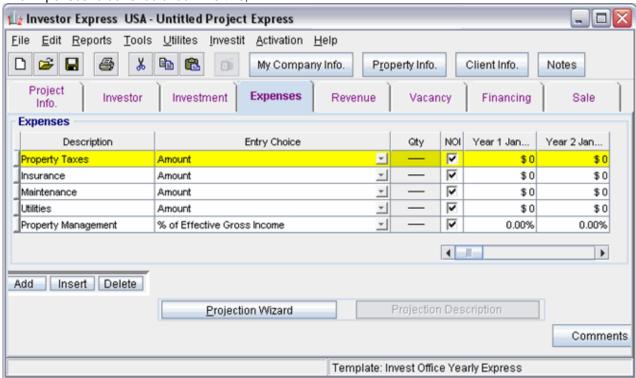
Maintenance

\$600 per month compounding at 3.00% per year

Utilities

\$450 per month compounding at 3.00% per year

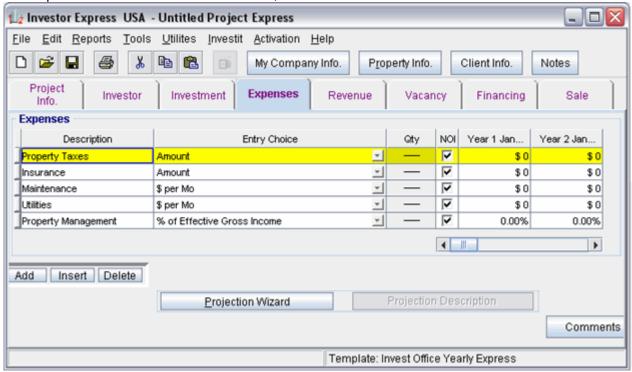
The Expenses folder should look like this;



Steps for setting up the Expenses folder

- 1. Select row 3 'Maintenance'
- 2. Select Entry Choice "\$ per Mo"
- 3. Select row 2 'Utilities'
- 4. Select Entry Choice "\$ per Mo"

The Expenses folder should now look like this;



Steps for setting up Property Taxes

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

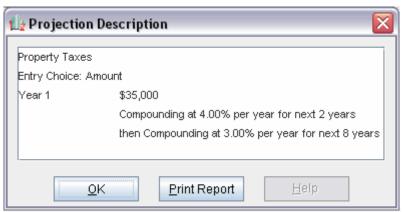
In the Projection Wizard

- 3. Amount column: Enter \$35,000
- 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. **Continue Projection:** Select the Cont. Proj. checkbox

Row 2

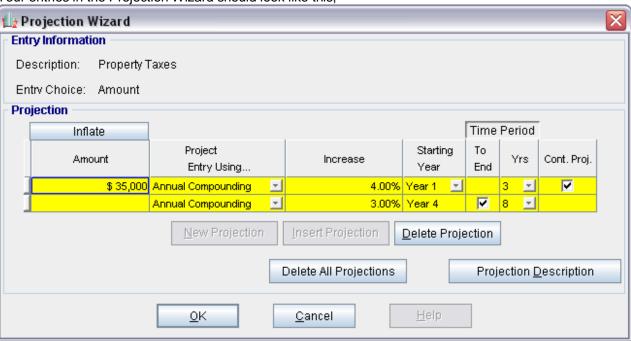
- 8. Project Entry Using column: Select "Annual Compounding"
- 9. Increase column: Enter the Compounding Rate of 3.00%
- 10. Time Period column: Select "To End" checkbox

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



Press OK to return to the Projection Wizard

Your entries in the Projection Wizard should look like this;



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

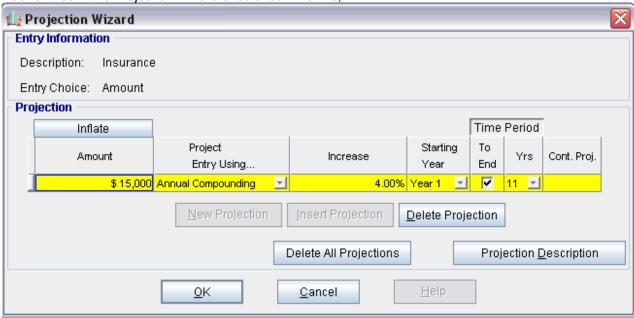
- 3. Amount column: Enter \$15,000
- 4. Project Entry Using column: Select "Annual Compounding"
- 5. **Increase column:** Enter the Compounding Rate of 4.00%
- 6. Time Period column: Select the "To End" checkbox

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



Press OK to return to the Projection Wizard

Your entries in the Projection Wizard should look like this;



Press OK to return to the Expenses folder

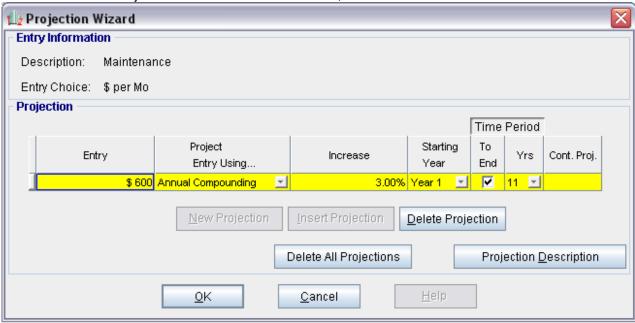
Steps for setting up Maintenance

- 1. Select row 3 'Maintenance'
- 2. Click on the Projection Wizard button

In the Projection Wizard

- 3. Amount column: Enter \$600
- 4. Project Entry Using column: Select "Annual Compounding"
- 5. Increase column: Enter the Compounding Rate of 3.00%
- 6. Time Period column: Select the "To End" checkbox

Your entries in the Projection Wizard should look like this;



Press OK to return to the Expenses folder

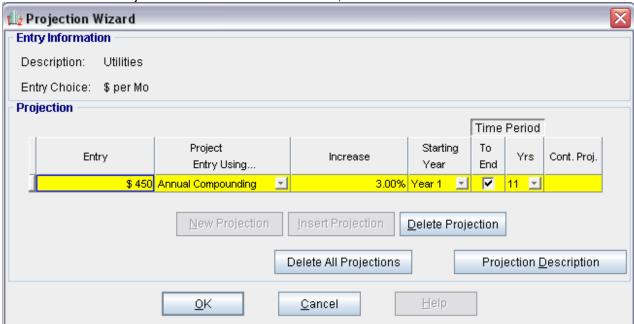
Steps for setting up Utilities

- 1. Select row 4 'Utilities'
- 2. Click on the <u>Projection Wizard</u> button

In the Projection Wizard

- 3. Amount column: Enter \$450
- 4. Project Entry Using column: Select "Annual Compounding"
- 5. **Increase column:** Enter the Compounding Rate of 3.00%
- 6. Time Period column: Select the "To End" checkbox

Your entries in the Projection Wizard should look like this;



Press OK to return to the Expenses folder

Steps for setting up Property Management

1. Select row 4 'Management'

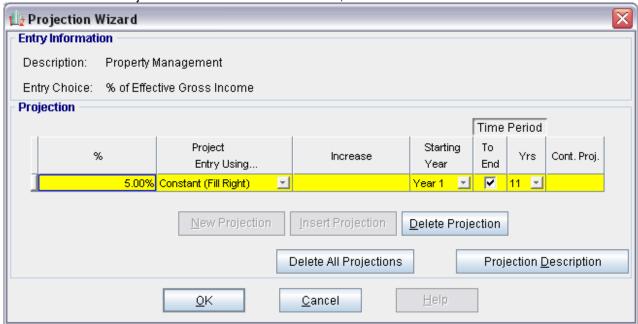
2. Click on the <u>Projection Wizard</u> button

In the Projection Wizard

3. % column: Enter 5.00%

4. Time Period column: Select the "To End" checkbox

Your entries in the Projection Wizard should look like this;



Press OK to return to the Expenses folder

GENERAL REVENUE Folder

Tenant A

5,000 Sq. Ft

Tenant A Base Rent

\$25.00 per Sq. Ft per Yr paid monthly. One term of one year and two terms of five years. Increase for the second term based on 3.00% compounding per year for five years. Increase for the third term based on 4.00% compounding per year for five years.

Free Rent

25.00% in Year 1

Tenant A Recov. Expenses

\$5.00 per Sq. Ft per Year compounding at 3.00% per year

Tenant B

3,400 Sq. Ft

Tenant B Base Rent

\$27.00 per Sq. Ft per Yr paid monthly. One term of two years, one term of five years and one term of four years. Increase for the second term based on 3.00% compounding per year for five years. Increase for the third term based on 4.00% compounding per year for four years.

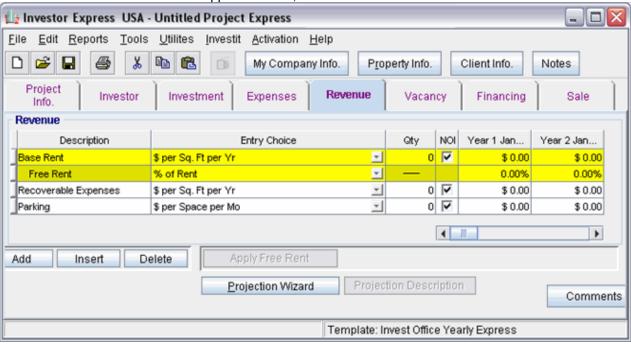
Tenant B Recov. Expenses

\$5.00 per Sq. Ft per Year compounding at 3.00% per year

Parking

60 Spaces at \$45.00 per Space per Month for one year then compounding at 3.00% per year for two years. Then compounding at 4.00% per year for three years. Then compounding at 5.00% per year for five years.

The General Revenue fold should appear like this;

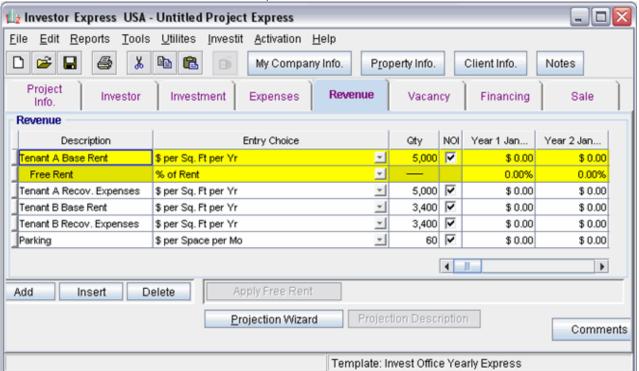


Steps for setting up the Revenue folder

- 1. Select row 1 'Base Rent'
- 2. Enter Description "Tenant A Base Rent"
- 3. Enter QTY: 5,000
- 4. Select row 3 'Recoverable Expenses
- 5. Enter Description "Tenant A Recov. Expenses"
- 6. Enter QTY: 5,000
- 7. Select row 4 'Parking'
- 8. Enter QTY: 60

- 9. Press the Insert button TWO times. Two new rows will appear above 'Parking'
- 10. Select row 4 with no Description
- 11. Enter Description "Tenant B Base Rent"
- 12. Select Entry Choice "\$ per Sq. Ft per Yr"
- 13. Enter Qty: 3,400
- 14. Select row 5 with no Description
- 15. Enter Description "Tenant B Recov. Expenses"
- 16. Select Entry Choice "\$ per Sq. Ft. per Yr
- 17. Enter QTY: 3,400

The Revenue folder should now look like this;



Steps for Entering Tenant A

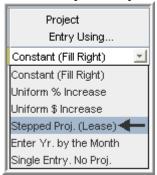
Tenant A Base Rent

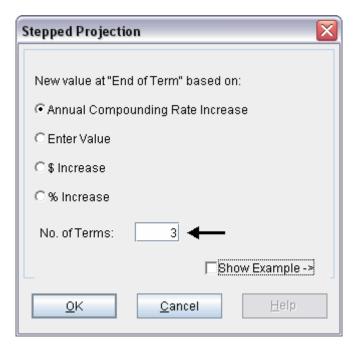
\$25.00 per Sq. Ft per Yr paid monthly. One term of one year and two terms of five years. Increase for the second term based on 3.00% compounding per year for five years. Increase for the third term based on 4.00% compounding per year for five years.

Free Rent

25.00% in Year 1

- 1. Select row 1: 'Base Rent'
- Projection Wizard Click on Projection Wizard which displays the F
 Project Entry Using.. column: select "Stepped Proj. (Lease) which displays the Projection Wizard

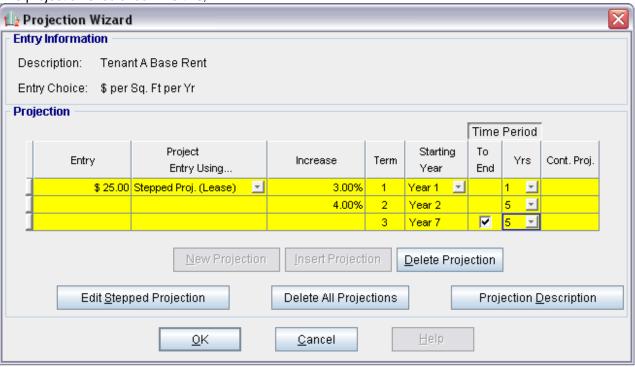




- 4. Set the No. of Terms to 3 and click OK
- 5. Entry column: Enter the lease rate \$25.00
- 6. Increase column: Set row 1 to Annual Compounding Rate at 3.00%. Set row 2 to 4.00%
- 7. Time Period column: Leave Term 1 (the first row) at 1 year. Set term 2 (the second row) to 5 years and set Term 3 (the third row) to 5 years or check the "To End" box.

Press OK to return to the Projection Wizard

The projection should look like this;

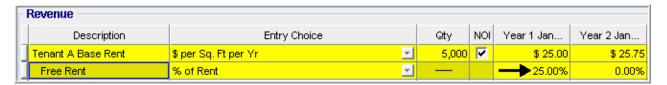


Press OK to return to the Revenue sub-folder

Entering the **Free Rent**.

25.00% of Base Rent in Year 1

1. Enter 25.00% in Year 1 Jan, Feb and March on the entry grid



Entering Tenant A Recov. Expenses

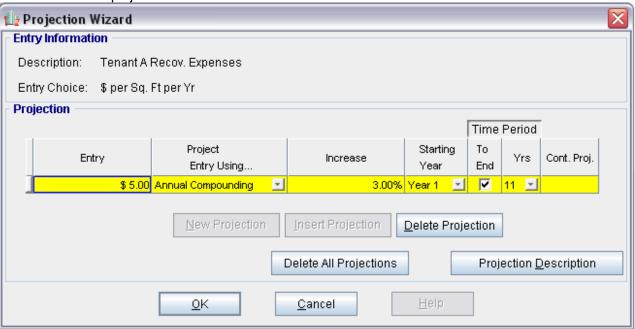
\$5.00 per Sq. Ft per Year compounding at 3.00% per year

- 1. Select row with Description "Recoverable Expenses"
- 2. Click on Projection Wizard which displays the Projection Wizard

In the Projection Wizard

- 3. Entry column: Enter \$5.00
- 4. Project Entry Using column: Select "Annual Compounding"
- 5. Increase column: Enter the compounding rate of 3.00%
- 6. Time Period column: Check the "To End" box.

Your entries in the projection wizard should look like this:



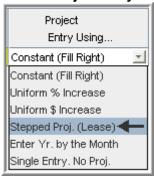
Press OK to return to the Revenue sub-folder

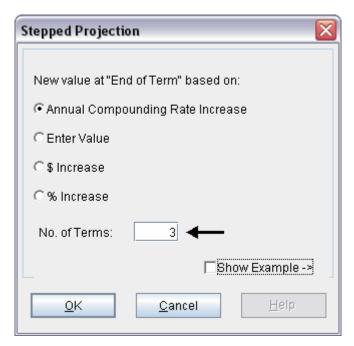
Steps for Entering Tenant B

Entering Tenant B Base Rent

\$27.00 per Sq. Ft per Yr paid monthly. One term of two years, one term of five years and one term of four years. Increase for the second term based on 3.00% compounding per year for five years. Increase for the third term based on 4.00% compounding per year for four years.

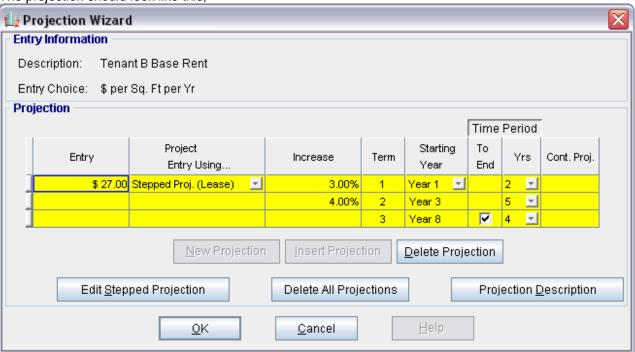
- 1. Select row 4: 'Tenant B Base Rent'
- Projection Wizard 2. Click on which displays the Projection Wizard
- 3. **Project Entry Using.. column**: select "Stepped Proj. (Lease)





- 4. Set the No. of Terms to 3 and click OK5. Entry column: Enter the lease rate \$27.00
- 6. Increase column: Set row 1 to Annual Compounding Rate at 3.00%. Set row 2 to 4.00%
- 7. Time Period column: Leave Term 1 (the first row) at 2 years. Set term 2 (the second row) to 5 years and set Term 3 (the third row) to 4 years or check the "To End" box.

The projection should look like this;



Press OK to return to the Revenue sub-folder

Entering Tenant B Recov. Expenses

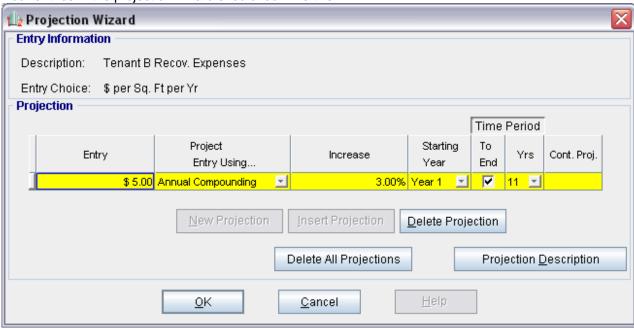
\$5.00 per Sq. Ft per Year compounding at 3.00% per year

- 1. Select row with Description "Recoverable Expenses"
- 2. Click on Projection Wizard which displays the Projection Wizard

In the Projection Wizard

- 3. Entry column: Enter \$5.00
- 4. Project Entry Using column: Select "Annual Compounding"
- 5. **Increase column:** Enter the compounding rate of 3.00%
- 6. Time Period column: Check the "To End" box.

Your entries in the projection wizard should look like this:



Press OK to return to the Revenue sub-folder

Entering Parking

60 Spaces at \$45.00 per Space per Month for one year then compounding at 3.00% per year for two years. Then compounding at 4.00% per year for three years. Then compounding at 5.00% per year for five years.

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

In the Projection Wizard

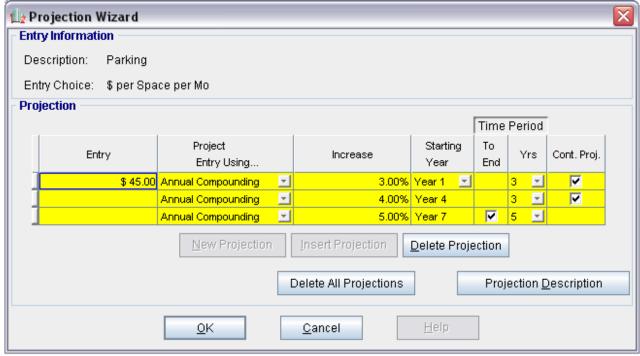
- 3. Amount column: Enter \$45.00
- 4. Project Entry Using column: Select "Annual Compounding"
- 5. **Increase column:** Enter the Compounding Rate of 3.00%
- Time Period column: Select 3 Years
- 7. **Continue Projection:** Select the Cont. Proj. checkbox Row 2

- 11. Project Entry Using column: Select "Annual Compounding"
- 12. Increase column: Enter the Compounding Rate of 4.00%
- 13. Time Period column: Select 3 Years
- 14. **Continue Projection:** Select the Cont. Proj. checkbox

Row 3

- 15. Project Entry Using column: Select "Annual Compounding"
- 16. **Increase column:** Enter the Compounding Rate of 5.00%
- 17. Time Period column: Select "To End" Checkbox

Your entries in the Projection Wizard should look like this;



Press OK to return to the General Revenue folder

VACANCY Folder

Detailed Entries

Tenant A Base Rent

3.00% of Revenue

Tenant A Recov. Expenses

3.00% of Revenue

Tenant B Base Rent

3.00% of Revenue

Tenant B Recov. Expenses

3.00% of Revenue

Entering the Vacancy

The Default Vacancy Type is Detailed Entries. For this example that is correct.

Tenant A Base Rent

- 1. Enter 3.00% into Year 1 Jan
- 2. Click on the Fill To End button

Tenant A Recov. Expenses

- 1. Enter 3.00% into Year 1 Jan
- 2. Click on the Fill To End button

Tenant B Base Rent

- 1. Enter 3.00% into Year 1 Jan
- 2. Click on the Fill To End button

Tenant B Recov. Expenses

- 1. Enter 3.00% into Year 1 Jan
- 2. Click on the Fill To End button

The Vacancy Folder should look like this;



Select the Financing tab

FINANCING Folder

Mortgage (Borrowing)

Type: Standard Mortgage Year 1 January 1, \$2,300,000

Time Period: 10 years Amortization: 25 years Interest Rate: 7.00%

Setting up a mortgage

1. Click on the Financing folder tab

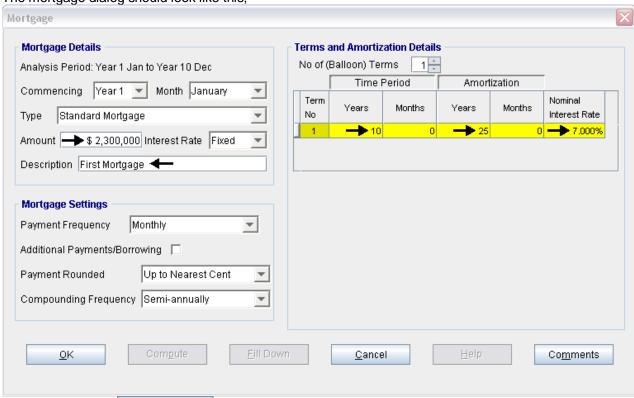
2. Click on the Add Mortgage button

Add Mortgage Edit Mortgage Delete Mortgage Move

- 3. Amount box: \$2,300,000
- 4. Description box: "First Mortgage"
- 5. Time Period box: 10 Years
- 6. Amortization box: 25 Years

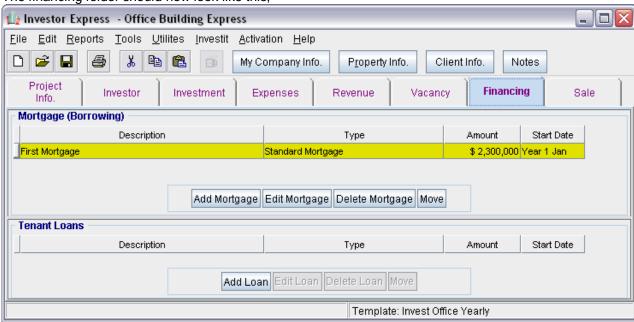
7. Nominal Interest Rate box: 7.00%

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

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

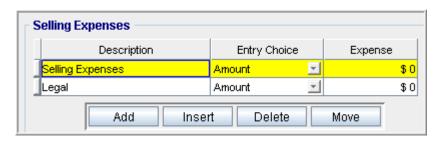
The Real Estate Commission should now look like this;



Selling Expenses

Selling Expenses 2.00% of Sale Price Legal Fees: \$6,000

The Selling Expenses should appear like this;



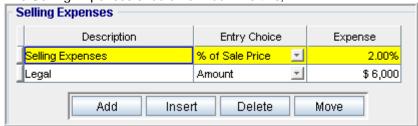
Entering the Selling Expenses

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;



This example does not contain Selling Expenses so leave the fields as they are.

Sale Price

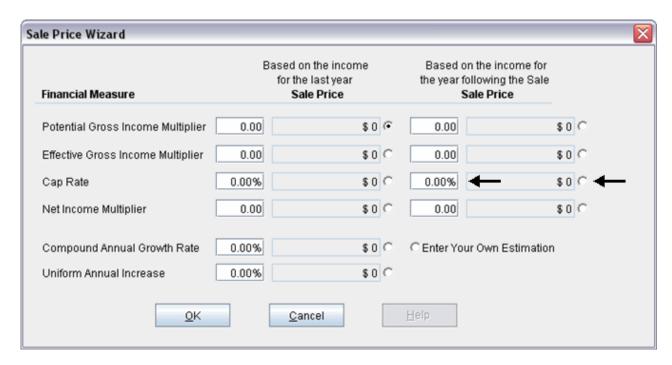
Base on a Cap Rate of 7.00% using Based on the Income for the year following the Sale i.e., based on the Income & Expenses for year 11.

The Sale Price Estimator should appear like this;



Press the
Sale Price Wizard button

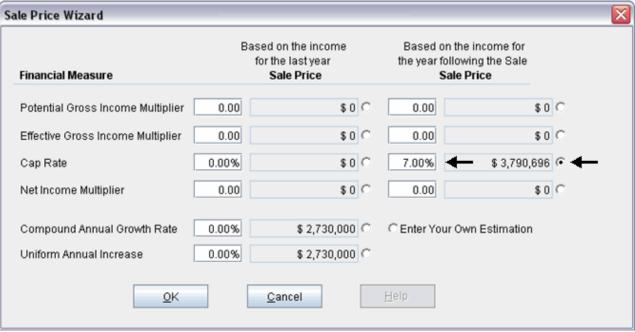
The Sale Price Wizard dialog will pop up;



For this example we are using a Cap Rate Row 1

- 1. In the second entry field to the right of Cap Rate: enter 7.50% 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 folder

The Sale Price Estimator should look like this;



SAVE YOUR PROJECT