## 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 $9,500 \mathrm{SqFt}$
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

## Utilities

$\$ 450$ 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 $\square$ 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 $\square$ 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 $\quad$ Projection Wizard 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;

| Liz Projection Wizard |  |  |  |  |  |  | X |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Entry Information |  |  |  |  |  |  |  |
| Description: Insurance |  |  |  |  |  |  |  |
| Entry Choice: Amount |  |  |  |  |  |  |  |
| Projection |  |  |  |  |  |  |  |
| Inflate |  | Increase | Time Period |  |  |  |  |
| Amount |  |  | Starting <br> Year | To End | Yrs | Cont. Proj. |  |
| \$15,000 Annual Compounding = |  | 」 $4.00 \%$ Year 1 ப\| $\mid 11 \pm$ |  |  |  |  |  |
| New Projection |  | Insert Projection | Delete Projection |  |  |  |  |
|  |  | Delete All Projections | Projection Description |  |  |  |  |
| QK |  | Cancel | Help |  |  |  |  |

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;

| - Projection Wizard |  |  |  |  |  |  | X |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Entry Information |  |  |  |  |  |  |  |
| Description: Maintenance |  |  |  |  |  |  |  |
| Entry Choice: \$ per Mo |  |  |  |  |  |  |  |
| Projection |  |  |  |  |  |  |  |
|  |  |  |  | Time | Period |  |  |
| Entry | Project <br> Entry Using... | Increase | Starting Year | To End | Yrs | Cont. Proj. |  |
| \$600 Annual Compounding - $3.00 \%$ Year 1 - $V 11$ - |  |  |  |  |  |  |  |
| New Projection Insert Projection Delete Projection |  |  |  |  |  |  |  |
| Delete All Projections $\quad$ Projection Qescription |  |  |  |  |  |  |  |
| $\underline{O K}$ $\underline{\text { Cancel }}$ H Help |  |  |  |  |  |  |  |

Press OK to return to the Expenses folder
Steps for setting up Utilities

1. Select row 4 'Utilities'
2. Click on the Projection Wizard 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 Projection Wizard 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;

| Projection Wizard | $X$ |
| :--- | :--- |
| Entry Information |  |

Entry Information
Description: Property Management
Entry Choice: \% of Effective Gross Income
Projection


New Projection Insert Projection Delete Projection


| $\underline{O K}$ | Cancel $\quad$ Help |
| :--- | :--- |

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'
2. Click on Projection Wizard which displays the Projection Wizard
3. Project Entry Using.. column: select "Stepped Proj. (Lease)

| Project <br> Entry Using... |
| :--- |
| Constant (Fill Right) |
| Constant (Fill Right) |
| Uniform \% Increase |
| Uniform Increase |
| Stepped Proj. (Lease) 4- |
| Enter Yr. by the Month |
| Single Entry. No Proj. |


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.

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

## 12 Projection Description

```
Tenant A Base Rent
Entry Choice: $ per Sq. Ft per Year
```

Quantity: 5,000
Year 1 Jan Stepped Projection (Lease)
Term 1: $\$ 25.00$ per Sq. Ft per Year for 1 year
Term 2: Increased by $3.00 \%$ compounding per year to $\$ 25.75$ per Sq. Ft per Year for 5 years Term 3: Increased by $4.00 \%$ compounding per year to $\$ 31.33$ per Sq. Ft per Year for 5 years
QK Print Report $\quad$ Help

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

| Revenue |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Description | Entry Choice |  | Qty | NOI | Year 1 Jan... | Year 2 Jan... |
| Tenant A Base Rent | \$ per Sq. Ft per Yr | $\pm$ | 5,000 | V | \$ 25.00 | \$ 25.75 |
| Free Rent | \% of Rent | $\checkmark$ | - |  | $\rightarrow 25.00 \%$ | 0.00\% |

## 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 $\qquad$ 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'
2. Click on Projection Wizard which displays the Projection Wizard
3. Project Entry Using.. column: select "Stepped Proj. (Lease)

| Project <br> Entry Using... |
| :--- | :--- |
| Constant (Fill Right) |
| Constant (Fill Right) |
| Uniform \% Increase |
| Uniform $\$$ Increase |
| Stepped Proj. (Lease) |
| Enter Yr. by the Month |
| Single Entry. No Proj. |

```
Stepped Projection
    New value at "End of Term" based on:
    (* Annual Compounding Rate Increase
    C Enter Value
    C&Increase
    C% Increase
    No. of Terms:
\(\square\)
                        \GammaShow Example--
    OK
        Cancel
        Help
```

4. Set the No. of Terms to 3 and click OK
5. 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 $\qquad$ 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'
2. Click on the Projection Wizard 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 $3.00 \%$
6. 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;


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;

| Real Estate Commission |
| :--- |
| Fixed Percentage of Sale Price |
| $0.00 \%$ |

Entering the Real Estate Commission

1. Enter $5.00 \%$ in the appropriate box

The Real Estate Commission should now look like this;

| Real Estate Commission |
| :--- |
| Fixed Percentage of Sale Price |
| $5.00 \%$ |

## 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;

| Selling Expenses |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Description |  | Entry Choice |  | Expense |  |
| Selling Expenses |  | \% of Sale Price |  |  | 2.00\% |
| Legal |  | Amount | $\pm$ |  | \$6,000 |
| Add | Insert | Delete |  |  |  |

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;

| Sale Price Estimator |  |
| ---: | ---: |
| Sale Price Wizard <br>  <br>  |  |

1. 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;

| Sale Price Wizard |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Financial Measure | Based on the income for the last year Sale Price | Based on the income for the year following the Sale Sale Price |  |  |
| Potential Gross Income Multiplier | 0.00 | 0.00 | \$0 |  |
| Effective Gross Income Multiplier | 0.00 | 0.00 | \$0 |  |
| Cap Rate | 0.00\% | 7.00\% | \$ 3,790,696 |  |
| Net Income Multiplier | 0.00 | 0.00 | \$ 0 |  |
| Compound Annual Growth Rate | 0.00\% | C Enter Your | stimation |  |
| Uniform Annual Increase | 0.00\% |  |  |  |
| QK |  | Help |  |  |

Press OK to return to the Sale folder

The Sale Price Estimator should look like this;

| Sale Price Estimator |
| :---: |
| Sale Price Wizard <br> $\square 3,790,696$ |

SAVE YOUR PROJECT

