## Hotel Valuation

An introduction to obtain the value of the fee simple rights of the real estate component of a limited service hotel property

## Hotel Valuation

- Definitions
- Side by Side Hotel Comparisons
- Approaches to Value
- Cost Approach
- Market Approach
- Income Approach
- Multiplier
- Allocation of Value Components
- Direct Capitalization Approach
- Discounted Cash Flow


## Hotel Valuation

Definitions

## Definitions

- Hotel
- An establishment that provides lodging and usually meals, entertainment, and various personal services for the public
- Motel
- An establishment which provides lodging and parking and in which the rooms are usually accessible from an outdoor parking area. Blend of the terms motor and hotel.


## Definitions

- Rack Rate
- The published, advertised full price for a room in a hotel
- ADR - Average Daily Rate
- Total guest room revenue divided by the total number of occupied rooms
- Total Available Rooms
- Total number of rooms multiplied by days in a year (365)


## Definitions

- Occupancy
- Total room nights sold divided by total available rooms
- RevPAR
- Total revenue divided by the total number of rooms available, ADR X Occupancy $\approx \operatorname{RevPAR}$
- Departmental Expenses
- Direct expenses attributable to specific departments, usually separated by income sources, deducted prior to operating profit


## Definitions

- Franchise
- An agreement between a hotel-motel company (usually a national or regional chain) and an independent hotel owner in which the owner pays a fee to use the name, trademarks, and various services offered by the chain
- Economy/Limited-Service Lodging
- "Rooms only" operation, no food and beverage, possibly continental breakfast, lower tier pricing


## Definitions

- Extended-Stay Lodging
- Work stations, kitchenettes, lounging area, mid - upper tier pricing, weekly rates
- Full-Service Lodging
- Restaurant, meeting/conference space, moderate to low upper tier pricing, food and beverage chain segments
- Luxury Lodging
- High-quality, guest services, extensive amenities, upper-tier pricing, 4-5 stars


## Hotel Valuation

## Hotel

Comparisons
Performance

# Comparisons - Hotel Performance 

Property A<br>61 rooms<br>Year Built $=1980$<br>2009 YE Income

$$
\text { ADR }=\$ 74.33
$$

Occupancy $=38.00 \%$

$$
\text { RevPAR }=\$ 28.25
$$

## Property B

63 rooms
Year Built $=1987$
2009 YE Income

$$
\begin{gathered}
\text { ADR }=\$ 56.38 \\
\text { Occupancy }=55.00 \%
\end{gathered}
$$

RevPAR $=\$ 31.01$

The properties are 1.1 miles apart, both properties have a pool, continental breakfast and are equidistant from the freeway. Based on actual 2009 YE incomes.

## Comparisons - Hotel Performance

Property A<br>61 rooms<br>Year Built $=1980$<br>2009 YE Income<br>RevPAR $=\$ 28.25$

Total Expense $=74 \%$
Net Operating Income/Rm = \$2,680

> Property B
> 63 rooms
> Year Built $=1987$ $\underline{2009 \text { YE Income }}$
> RevPAR $=\$ 31.01$

Total Expense $=87 \%$
Net Operating Income/Rm =
\$1,470

Which property is at market levels?

## Hotel Valuation

## Hotel

Comparisons
Age

## Comparisons - Hotel Age

Property A<br>74 rooms<br>Year Built = 2009<br>2010 Rack Rate

## \$74 / night

Property B<br>63 rooms<br>Year Built $=1987$<br>2010 Rack Rate

## \$74 / night

The properties are 780 feet apart, both properties have a pool, continental breakfast and are equidistant from access roads. Both have well recognized franchises.

## Comparisons - Hotel Age

Property A
Year Built $=2009$


## Comparisons - Hotel Age <br> Property B <br> Year Built $=1987$



## Comparisons - Hotel Age

Property A
74 rooms
Year Built $=2009$
2010 Weekday Rack Rate
$\$ 74$ / night


## Property B

63 rooms
Year Built = 1987
2010 Weekday Rack Rate \$74 / night


Which room would you rent?

## Hotel Valuation

## Hotel

Comparisons
Franchise

## Comparisons - Hotel Franchise

Property A<br>45 rooms<br>Year Built = 1995<br>05/2010 Sale Date<br>National Brand

Property B<br>62 rooms<br>Year Built = 1995<br>05/2010 Sale Date<br>Nondescript Brand

Sale Price $=\$ 28,000 /$ room Sale Price $=\$ 17,000 /$ room

Neighboring/competing properties, sold together, both have pools and continental breakfast. Seller stated Property B only received overflow when Property A filled up.

## Comparisons - Hotel Franchise

 Property ANational Brand


## Comparisons - Hotel Franchise

 Property B Nondescript Brand

## Comparisons - Hotel Franchise

Property A<br>45 rooms<br>Year Built = 1995<br>Sale Price $=\$ 28,000 /$ room<br>National Brand



Property B
62 rooms
Year Built = 1995
Sale Price $=\$ 17,000 /$ room Nondescript Brand


## What is the franchise worth?

## Hotel Valuation

Approaches to Value
Cost Approach

## Cost Approach

- Limitations
- Likely only accurate for newer hotels (3-5 years)
- Market must be stabilized
- From the start of construction to completion
- New supply can have an adverse affect
- Fails to recognize the economics of a particular property
- Franchise construction requirements
- Depreciation is very difficult to measure
- Little or no weight in reconciliation


## Hotel Valuation

Approaches to Value

Market Approach

## Market Approach

- Limitations
- Allocation is required for comparable sales
- Often, buyers do not have a great need/want to allocate price
- Income is generally the basis for purchase price
- Improbable to find 3 or 4 of the same franchise
- Different brands will have different franchise agreements, rates, expense ratios, FF\&E reserves, etc...
- Difficult to locate all necessary information


## Market Approach

- Limitations (continued)
- Hotels are unique and dissimilar
- Sale price is correlated to a few items
- Room counts, age, ADR, occupancy \& NOI
- Most of these are related to the income approach
- Little or no weight in reconciliation
- Benefits
- Helpful in developing a range for subject
- Utilize to determine comparable hotels in developing gross income multiplier or cap rate


## Market Approach



## Hotel Valuation

Approaches to Value

Income Approach
Gross Income Multiplier

## Gross Income Multiplier

- Typically derived by dividing overall sale price by actual trailing 12 gross income of sale
- Inclusive of FF\&E value and business value
- Benefits
- Simple to derive \& apply
- Limited service buyers will typically base decision on income with the help of a multiplier


## Gross Income Multiplier

- Limitations
- Indicates total going-concern property value
- Allocation of value is still necessary
- Multiplier really only works for limited service/economy hotels
- Example:

AmericInn

Year Built: 2001
Sale Date: Summer 2008
Total Purchase Price: $\$ 2,400,000$
Total Gross Income: $\$ 800,000$

$$
\mathrm{GIM}=\$ 2,400,000 / \$ 800,000=3.00
$$

## Gross Income Multiplier

## Gross Income Multiplier

Average Daily Rate ..... $\$ 65.00$
Occupancy ..... 60.00\%
Rev PAR ..... \$39.57
Units ..... 80
Days ..... 365
Total Rooms Available ..... 29,200
Total Gross Revenue ..... \$1,155,300
Gross Income Multiplier ..... 3.12
Total Going Concem Value of Property ..... \$3,605,000
Per Unit \$45,063

## Hotel Valuation

Approaches to Value
Income Approach Allocation of Value

## Allocation of Value Rushmore Approach

Gross Operating Profit Less:

## Business Component

Management Fee
Franchise Fee
Residual Intangibles
FF\&E Component
Reserve for Replacement (return of)
Value of FF\&E Currently in Place (return on)
Income Attributable to Real Estate

## Allocation of Value

## Business Component

Management Fee
Franchise Fee
Residual Intangibles

## Allocation of Value

- Management Fee
- An expense item representing the sum paid or the value of management service; a variable operating expense, usually expressed as a percentage of total revenue

Total Revenue X \% of Revenue $=$ Management Fee
$\$ 2,440,000 \quad \mathrm{X} 4 \% \quad=\$ 97,600$

## Allocation of Value

- Franchise Fee
- An expense paid by an owner to a hotel company (national or regional chain) that will provide instant identity, reservation system, chain advertising, procedures manual and management assistance, usually expressed as a percentage of room revenue

Room Revenue X \% of Room Revenue $=$ Franchise Fee
$\$ 2,300,000$ X 7\% = \$161,000

## Allocation of Value

- Residual Intangibles
- An adjustment for management competencies, RevPAR difference, expense ratio differences \& exceptional brand differences; when compared to comparable properties
- Basically, an adjustment to bring the property to market levels


## Allocation of Value

## FF\&E Component

Reserve for Replacement (return of)
Value of FF\&E Currently in Place (return on)

## Allocation of Value

- FF\&E Reserve for Replacement (return of)
- A reserve for the periodic replacement of furniture, fixtures and equipment
- May not be included in an owner's cash flow
- Often explicit in the franchise agreement as a percentage of gross income
- May also estimate on a straight-line basis


## Allocation of Value

- FF\&E Reserve for Replacement (return of)
- Percentage of Total Revenue

Total Revenue X \% of Revenue $=$ Annual Return of FF\&E $\$ 2,440,000 \times 3.5 \%=\$ 85,400$

- Straight-Line Method

Number of Rooms X Replacement Cost $=$ Total Cost
122

| X $\$ 7,000$ | $=\$ 854,000$ |
| ---: | :--- |
| Estimated Life | $=10$ Years |
| Annual Return of FF\&E | $=\$ 85,400$ |

## Allocation of Value

- Value of FF\&E Currently in Place (return on)
- Can be estimated by personal property appraiser
- Book value of FF\&E may be used
- Replacement cost less depreciation

Number of Rooms $X$ Value of Existing FF\&E $=$ Total Value
122 $X \$ 5,250=\$ 640,500$
Rate of Return $=10 \%$
Annual Return of FF\&E $=\$ 64,050$
FF\&E or chattel mortgages are typically a riskier investment than a normal real estate mortgage, therefore, the rate of return is $2-5$ points higher

## Allocation of Value

- Total Income Attributed to FF\&E

| Return of FF\&E | $\$ 85,400$ |
| :--- | ---: |
| Return on FF\&E | $\$ 64,050$ |
| Total Income Attributed to FF\&E | $\$ 149,450$ |

- Total Income Attributed to Business

| Management Fee | $\$ 97,600$ |
| :--- | ---: |
| Franchise Fee | $\$ 161,000$ |
| Total Income Attributed to Business | $\$ 258,600$ |

## Hotel Valuation

Approaches to Value
Income Approach
Direct Capitalization

## Direct Capitalization

- Benefits
- One year, going out
- Trailing 12 income is prevalent
- Captures future return in simple form
- Limitations
- Does not work when trends are negative
- Investors do not/cannot depend on single year, historic income in down markets
- Can be difficult to obtain capitalization rates
- Ltd Service buyers may not consider cap rates


## Direct Capitalization

- Profit \& Loss Statements - manomes suris 2007peal

MAAO INN \& SUITES
STATEMENT OF INCOME
FOR THE PERIOD ENDING DECEMBER 31, 2007
SUMMARY OPERATING STATEMENT
YEAR TO DATE

|  | Actual | \% | Budget | \% | Last Year | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ROOMS AVAILABLE | 29,200 |  | 29,200 |  | 29,200 |  |
| ROOMS SOLD | 18,980 |  | 19,000 |  | 17,149 |  |
| OCCUPANCY \% | 60.00\% |  | 61.00\% |  | 58.73\% |  |
| AVERAGEROOM RATE | \$65.00 |  | \$64.50 |  | \$63.96 |  |
| REVPAR | \$39.00 |  | \$39.35 |  | \$37.56 |  |
| SALES |  |  |  |  |  |  |
| ROOMS | \$1,138,800 | 98.6\% | \$1,148,874 | 98.7\% | \$1,096,860 | 98.6\% |
| FOOD | \$0 |  | \$0 |  | \$0 |  |
| BEVERAGE | \$0 |  | \$0 |  | \$0 |  |
| TEEECOMMUNICATIONS | \$4,700 | 0.4\% | \$4,000 | 0.3\% | \$4,600 | 0.4\% |
| VENDING, VIDEO \& OTHER | \$11,800 | 1.0\% | \$11,700 | 1.0\% | \$11,500 | 1.0\% |
| OTHER OPERATED DEPARTMENTS | \$0 |  | \$0 |  | \$0 |  |
| TOTAL SALES | \$1,155,300 | 100.0\% | \$1,164,574 | 100.0\% | \$1,112,960 | 100.0\% |
| DEPARTMENTAL EXPENSES |  |  |  |  |  |  |
| ROOMS | \$387,864 | 34.1\% | \$396,250 | 34.5\% | \$392,694 | 35.8\% |
| FOOD | \$0 |  | \$0 |  | \$0 |  |
| BEVERAGE | \$0 |  | \$0 |  | \$0 |  |
| TEEECOMMUNICATIONS | \$4,806 | 102.3\% | \$4,000 | 100.0\% | \$4,665 | 101.4\% |
| VENDING, VIDEO \& OTHER | \$11,685 | 99.0\% | \$11,800 | 100.9\% | \$11,587 | 100.8\% |
| OTHER OPERATED DEPARTMENTS | \$0 |  | \$0 |  | \$0 |  |
| TOTAL DEPARTMENTAL EXPENSES | \$404,355 | 35.0\% | \$412,050 | 35.4\% | \$408,946 | 36.7\% |

## Direct Capitalization

- Capitalization Rate
- Market Sales
- Band of Investments
- Broker Surveys
- Investor Surveys

2008 BOI Cap Rate Analysis

| Mortgage Interest Rate |  | 6.50\% |  |
| :---: | :---: | :---: | :---: |
| Mortgage Term (Amortization Period) |  | 25 Years |  |
| Mortgage Ratio |  | 80\% |  |
| Mortgage Constant |  | 0.0810 |  |
| Equity Yield Rate |  | 15.00\% |  |
| Mortgage Requirement | 80\% X | 8.10\% = | 6.48\% |
| Equity Requirement | 20\% X | 15.00\% = | 3.00\% |
| Indicated OAR |  |  | 8\%) |


| Table 29 <br> NATIONAL ECONOMY/LIMITED-SERVICE LODGING SEGMENT <br> First Quarter 2008 |  |  |  |
| :---: | :---: | :---: | :---: |
| CURRENT QUARTER THIRD QUARTER 2007 YEAR AGO |  |  |  |
| DISCOUNT RATE (IRR) ${ }^{\text {a }}$ <br> Range <br> Average <br> Change (Basis Points) | $\begin{aligned} & 10.00 \%-18.00 \% \\ & 12.35 \% \end{aligned}$ | $\begin{aligned} & 10.00 \%-18.00 \% \\ & 12.35 \% \\ & 0 \end{aligned}$ | $\begin{aligned} & 10.00 \%-18.00 \% \\ & 12.40 \% \\ & -5 \end{aligned}$ |
|  |  |  |  |
| RESIDUAL CAP RATE <br> Range <br> Average <br> Change (Basis Points) | $\begin{aligned} & 7.00 \%-14.00 \% \\ & 10.04 \% \end{aligned}$ | $\begin{aligned} & 7.00 \%-14.00 \% \\ & 10.04 \% \\ & 0 \end{aligned}$ | $\begin{aligned} & 7.00 \%-14.00 \% \\ & 10.13 \% \\ & -9 \end{aligned}$ |
| AVERAGE DAILY RATE CHG. R <br> Range <br> Average <br> Change (Basis Points) | $\begin{aligned} & \text { ATE } \\ & 1.00 \%-9.00 \% \\ & 4.08 \% \end{aligned}$ | $\begin{aligned} & 1.00 \%-9.00 \% \\ & 4.00 \% \\ & +8 \end{aligned}$ | $\begin{aligned} & 1.00 \%-9.00 \% \\ & 4.00 \% \\ & +8 \end{aligned}$ |
| OPERATING EXPENSE CHG. RA <br> Range <br> Average <br> Change (Basis Points) | $\begin{aligned} & \text { ATE }^{\text {b }} \\ & 2.00 \%-4.00 \% \\ & 3.10 \% \end{aligned}$ | $\begin{aligned} & 2.00 \%-4.00 \% \\ & 3.10 \% \\ & 0 \end{aligned}$ | $\begin{aligned} & 2.00 \%-4.00 \% \\ & 3.10 \% \\ & 0 \end{aligned}$ |
| AVERAGE MARKETING TIME ${ }^{\text {c }}$ <br> Range <br> Average <br> Change (\%) | $\begin{aligned} & 3.00-10.00 \\ & 6.40 \end{aligned}$ | $\begin{aligned} & 3.00-10.00 \\ & 6.40 \\ & 0 \\ & \hline \end{aligned}$ | $\begin{aligned} & 3.00-10.00 \\ & 6.40 \\ & 0 \\ & \hline \end{aligned}$ |
| a. Rate on unleveraged, all-cash transactions $\quad$ b. Initial rate of change $\quad$ c. In months |  |  |  |

## Direct Capitalization

## (Valuation Date)

(Project Name and/or Address)


## Direct Capitalization <br> - Direct Capitalization Example

- Given:
- MAAO Inn \& Suites - No Food and Beverage
- Limited Service Hotel
- 80 Total Rooms
- Year Built - 1996
- 2 Stories, 45,000 GBA
- Average Condition
- Freeway Frontage
- Effective Tax Rate: 3.50\%

- FF\&E Reserves in Franchise Agreement: 3\% of Total Revenue
- Replacement Cost New = \$6,000/Room
- FF\&E Currently in Place is $30 \%$ Depreciated
- Appraisal Date: January 2, 2008
- No Residual Intangibles to Adjust for
- Continental Breakfast \& Pool
- No Meeting Space
- MAAO Inn \& Suites is a well known national brand


## Direct Capitalization

| Cross ncome Mutitiler |  | GIM - Provides a |
| :---: | :---: | :---: |
| Aveage oalv Rate |  | rough baseline for |
| ${ }^{\text {Occupancr }}$ |  | total going concern |
| Units | ${ }_{80}$ | value of the |
| Das | ${ }_{365}$ | property, prior to |
| Tout Room Aavalabe | 29.200 | beginning the |
| Toal Coss Revenue | 51,15,300 | direct cap method |

## Direct Capitalization

| Average Daily Rate | $\$ 65.00$ |
| :--- | ---: |
| Occupancy | $60.00 \%$ |
| Rev PAR | $\$ 39.57$ |
| Total Unit s | 80 |
| Days | 365 |
| Total Rooms Available | 29,200 |

## Direct Capitalization

| Average Daily Rate | $\$ 65.00$ |
| :--- | ---: |
| Occupancy | $60.00 \%$ |
| Rev PAR | $\$ 39.57$ |
| Total Units | 80 |
| Days | 365 |
| Total Rooms Available | 29,200 |

Revenues

| Room Revenue | $\$ 1,138,800$ |
| :--- | ---: |
| Telecommunications | $\$ 4,700$ |
| Vending, Video \& Other Rentals | $\$ 11,800$ |

Total Gross Revenue:
\$1,155,300

## Departmental Expenses

Room Expenses \$387,864
Telecommunications Expenses $\$ 4,806$
Vending, Video \& Other Expenses \$11,685
Total Departmental Expenses
\$404,355

Departmental Profit:

## Direct Capitalization



## Direct Capitalization

## Fixed Expenses

|  | \% of Revenue 3\% | X X | Total Gross Income <br> \$1,155,300 |  | $=$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Current Value of FF\&E X (\$6,000 RCN \& 30\% Depreciated) |  |  | Number of Rooms | X | Yield |  | Return On |
| \$4,200 |  | X | 80 Total Rooms | X | 10\% |  | \$33,600 |

## Direct Capitalization

| Overall Cap Rate | $9.50 \%$ |
| :--- | ---: |
| Effective Tax Rate | $\underline{3.50 \%}$ |
| Loaded Cap Rate | $13.00 \%$ |

## Direct Capitalization

Value as of January 2, 2008
MAAO Inn \& Suites

|  | Average Daily Rate <br> Occupanc <br> Total Units <br> Days <br> Rooms Available | $\begin{gathered} \substack{56.00 \\ \hline 6.005 \\ 539.50 \\ \hline 805 \\ \hline 29.200} \\ \hline \end{gathered}$ |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Revenues |  |  |  |  |
|  | Room Revenue |  | 51,138,800 |  |
|  | Telecommunications |  | \$4,700 |  |
|  | Vending, Video \& Other Rentals |  | \$11,800 |  |
| Total Gros | venue: |  |  | \$1,155,300 |
| $\underset{\substack{\text { Departmental Expenses } \\ \text { Roomexpenses }}}{\text { c }}$ |  |  |  |  |
|  |  |  |  |  |
| Telecommunications ExpensesVending, Viceo \& Other Expenses |  |  | \$4,806 |  |
|  |  |  | S11,685 |  |
| Total Departmental Expenses |  |  |  | \$404,355 |
| Departmental Profit: |  |  |  | \$750,945 |
| Undistributed Expenses <br> Administrative \& General@ |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Franchise Fee@ (7\%or Room Revenue) $\quad \$ 79,716$ |  |  |  |  |
|  |  |  |  |  |
| Total Undistributed Expenses @ $\quad \$ 386,531$ |  |  |  |  |
| Gross Operating Profit $\quad \$ 364,414$ |  |  |  |  |
| Fixed Expenses <br> Insurance @ <br> \$13,864 |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| Total Fixed Expenses @ $\quad$ @ ${ }_{\text {@ }}$ |  |  |  |  |
| Net Operating Income to Real Estate |  |  |  | \$282,291 |
|  |  |  | Overall Cap Rate Effective Tax Rate Loaded Cap Rate | $\begin{aligned} & 9.558 \\ & \frac{1.50}{1300 x} \\ & \hline 1.00 x \end{aligned}$ |

## Direct Capitalization

| Real Estate | $\$ 2,171,000$ | $60.78 \%$ | $\$ 27,138$ |
| :--- | ---: | ---: | ---: |
| Business | $\$ 876,000$ | $24.52 \%$ | $\$ 10,950$ |
| FF\&E | $\$ 525,000$ | $14.70 \%$ | $\$ 6,563$ |
| Total | $\$ 3,572,000$ | $100.00 \%$ | $\$ 44,650$ |
| Indicated GIM | 3.09 |  |  |

## Hotel Valuation

Approaches to Value
Income Approach Discounted Cash Flow

## Discounted Cash Flow

- Benefits
- Most applicable approach during negative growth periods
- Allows for stabilizing cash flows
- Allows emulation of business/R.E. cycle
- Limitations
- Yield rate can be difficult to locate
- Assumptions through the projection period
- Impossible to project all circumstances
- Recession, 9/11, new competition, etc...


## Discounted Cash Flow

(Valuation Date)

| (Project Name and/or Address) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year <br> ADR <br> Occupancy <br> RevPR <br> Number of Units <br> Total Rooms Available | $\begin{array}{\|c\|} \hline \text { Year I } \\ \hline \$ 0.00 \\ 0 \% \\ 50.00 \end{array}$ | $\begin{array}{r\|} \hline \text { Year 2 } \\ \$ 0.00 \\ 0 \% \\ \$ 0.00 \end{array}$ | Year 3 <br> 0.00 <br> $0 \%$ <br> 50.00 | $\begin{array}{r} \text { Year 4 } \\ \hline 0.00 \\ 0 \% \\ 50.00 \end{array}$ | $\begin{array}{r\|} \hline \text { Year } 5 \\ \hline \$ 0.00 \\ 0 \% \\ 50.00 \end{array}$ | $\begin{array}{r\|} \hline \text { Year 6 } \\ \hline 50.00 \\ 0 \% \\ \$ 0.00 \end{array}$ | $\begin{array}{\|r\|} \hline \text { Year } 7 \\ \$ 0.00 \\ 0 \% \\ \$ 0.00 \end{array}$ | $\begin{array}{\|c\|} \hline \text { Year } 8 \\ \hline \$ 0.00 \\ 0 \% \\ \$ 0.00 \end{array}$ | $\begin{array}{r\|} \hline \text { Year } 9 \\ \$ 0.00 \\ 0 \% \\ \$ 0.00 \end{array}$ |
| Revenues |  |  |  |  |  |  |  |  |  |
| Total Room Revenue <br> Telecommunications <br> Vending, Video \& Other Rentals | $\begin{aligned} & 50.00 \\ & 50.00 \\ & 50.00 \end{aligned}$ | $\begin{aligned} & \$ 0.00 \\ & \$ 0.00 \\ & \$ 0.00 \end{aligned}$ | $\begin{aligned} & \$ 0.00 \\ & \$ 0.00 \\ & \$ 0.00 \end{aligned}$ | \$0.00 $\$ 0.00$ $\$ 0.00$ | $\$ 0.00$ $\$ 0.00$ $\$ 0.00$ | $\begin{aligned} & \$ 0.00 \\ & \$ 0.00 \\ & 50.00 \end{aligned}$ | S0.00 S0.00 S000 | \$0.00 \$0.00 S0.00 | S0.00 S0.00 S0.00 |
| Total Gross Revenue | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Depart mental Expenses |  |  |  |  |  |  |  |  |  |
| Room Expenses <br> Telecommunications Expenses | 50.00 $\$ 0.00$ | $\$ 0.00$ $\$ 0.00$ | 50.00 50.00 | 50.00 $\$ 0.00$ | $\$ 0.00$ $\$ 0.00$ | $\$ 0.00$ $\$ 0.00$ | S0.00 50.00 | $\$ 0.00$ 50.00 | $\$ 0.00$ 50.00 |
| Vending, Video \& Other Expenses | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Total Depart mental Expenses | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Depart mental Profit | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Undistributed Expenses |  |  |  |  |  |  |  |  |  |
| Administrative \& General | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 |
| Marketing | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Operations \& Maintenance | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Utilities | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Franchise Fees | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Management | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Total Undistributed Expenses | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Gross Operating Profit | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Fixed Expenses |  |  |  |  |  |  |  |  |  |
| Insurance | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 |
| FFRE Reserves (return of) | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| FF\&E Currently in Place (return on) | \$0.00 | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$0.00 | s0.00 | \$0.00 | \$0.00 |
| Total Fixed Expenses | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Net Operating Income to Real Estate | \$0.00 | \$0.00 | 50.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | \$0.00 | 50.00 |


| Year | Cash Flow |  | PV of \$1 @ | 0.00\% | Present Value |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | \$0.00 | x | 1.0000 | $=$ | \$0.00 |
| 2 | \$0.00 | x | 1.0000 | = | \$0.00 |
| 3 | \$0.00 | x | 1.0000 | = | \$0.00 |
| 4 | \$0.00 | x | 1.0000 | $=$ | \$0.00 |
| 5 | \$0.00 | x | 1.0000 | $=$ | \$0.00 |
| 6 | \$0.00 | x | 1.0000 | = | \$0.00 |
| 7 | \$0.00 | x | 1.0000 | $=$ | 50.00 |
| 8 | S0.00 | x | 1.0000 | $=$ | \$0.00 |
|  |  |  |  | Total | \$0.00 |

[^0]

## Discounted Cash Flow

- Determine Year 1 Revenues, Expenses \& Deductions

| Year |  | 2008 |
| :---: | :---: | :---: |
| ADR |  | \$66.30 |
| Occupancy |  | 61\% |
| RevPAR |  | \$41.02 |
| Number of Units | 80 |  |
| Total Rooms Available | 29,200 |  |
| Revenues |  |  |
| Total Room Revenue |  | \$1,180,935.60 |
| Telecommunications |  | \$4,806.52 |
| Vending, Video \& Other Rentals |  | \$12,016.30 |
| Total Gross Revenue |  | \$1,197,758.42 |
| Department al Expenses |  |  |
| Room Expenses |  | \$396,527.46 |
| Telecommunications Expenses |  | \$4,944.00 |
| Vending, Video \& Other Expenses |  | \$12,360.00 |
| Total Departmental Expenses |  | \$413,831.46 |
| Depart ment al Profit |  | \$783,926.96 |
| Undist ribut ed Expenses |  |  |
| Administrative \& General |  | \$118,093.56 |
| Marketing |  | \$64,951.46 |
| Operations \& Maintenance |  | \$47,237.42 |
| Utilities |  | \$48,418.36 |
| Franchise Fees | 7\% | \$82,665.49 |
| Management | 3\% | \$35,932.75 |
| Total Undistributed Expenses |  | \$397,299.04 |
| Gross Operat ing Profit |  | \$386,627.92 |
| Fixed Expenses |  |  |
| Insurance |  | \$14,373.10 |
| FF\&E Reserves (return of) | 3\% | \$35,932.75 |
| FF\&E Currently in Place (return on) | 10\% | \$34,272.00 |
| Total Fixed Expenses |  | \$84,577.85 |
| Net Operating Income to Real Estate |  | \$302,050.06 |

## Discounted Cash Flow

- Determine growth rates for ADR, occupancy \& other revenues

Value as of January 2, 2008


## Discounted Cash Flow

- Determine growth rates for expenses and deductions



## Discounted Cash Flow

- Determine yield rate \& terminal capitalization rate

| Table 29 <br> NATIONAL ECONOMY/LIMITED-SERVICE LODGING SEGMENT <br> First Quarter 2008 |  |  |  |
| :---: | :---: | :---: | :---: |
|  | CURRENT QUARTER | THIRD QUARTER 2007 YEAR AGO |  |
| DISCOUNT RATE (IRR) ${ }^{\text {a }}$ <br> Range <br> Average <br> Change (Basis Points) | $\begin{aligned} & 10.00 \%-18.00 \% \\ & 12.35 \% \end{aligned}$ | $\begin{aligned} & 10.00 \%-18.00 \% \\ & 12.35 \% \\ & 0 \end{aligned}$ | $\begin{aligned} & 10.00 \%-18.00 \% \\ & 12.40 \% \\ & -5 \end{aligned}$ |
| OVERALL CAP RATE (OAR) ${ }^{\text {a }}$ <br> Range <br> Average <br> Change (Basis Points) | $\begin{aligned} & 6.50 \%-14.00 \% \\ & 9.58 \% \end{aligned}$ | $\begin{aligned} & 6.50 \%-14.00 \% \\ & 9.58 \% \\ & 0 \end{aligned}$ | $\begin{aligned} & 6.50 \%-14.00 \% \\ & 9.67 \% \\ & -9 \end{aligned}$ |
| RESIDUAL CAP RATE <br> Range <br> Average <br> Change (Basis Points) | $\begin{aligned} & 7.00 \%-14.00 \% \\ & 10.04 \% \end{aligned}$ | $\begin{aligned} & 7.00 \%-14.00 \% \\ & 10.04 \% \\ & 0 \end{aligned}$ | $\begin{aligned} & 7.00 \%-14.00 \% \\ & 10.13 \% \\ & -9 \end{aligned}$ |
| AVERAGE DAILY RATE CHG. <br> Range <br> Average <br> Change (Basis Points) | $\begin{aligned} & \text { ATE } \\ & 1.00 \%-9.00 \% \\ & 4.08 \% \end{aligned}$ | $\begin{aligned} & 1.00 \%-9.00 \% \\ & 4.00 \% \\ & +8 \end{aligned}$ | $\begin{aligned} & 1.00 \%-9.00 \% \\ & 4.00 \% \\ & +8 \end{aligned}$ |
| OPERATING EXPENSE CHG. R <br> Range <br> Average <br> Change (Basis Points) | $\begin{aligned} & \text { ATE } \\ & 2.00 \%-4.00 \% \\ & 3.10 \% \end{aligned}$ | $\begin{aligned} & 2.00 \%-4.00 \% \\ & 3.10 \% \\ & 0 \end{aligned}$ | $\begin{aligned} & 2.00 \%-4.00 \% \\ & 3.10 \% \\ & 0 \end{aligned}$ |
| AVERAGE MARKETING TIME ${ }^{c}$ <br> Range <br> Average <br> Change (\%) | $\begin{aligned} & 3.00-10.00 \\ & 6.40 \end{aligned}$ | $\begin{aligned} & 3.00-10.00 \\ & 6.40 \\ & 0 \end{aligned}$ | $\begin{aligned} & 3.00-10.00 \\ & 6.40 \\ & 0 \end{aligned}$ |
| a. Rate on unleveraged, all-cash transaction | Is b. Initial rate of change | c. In months |  |


| NATIONAL ECONOMY/LIMITED-SERVICE LODGING SEGMENT-INVESTOR SURVEY RESPONSES |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | wntru-tras Chavce mats |  | stabut |  |  |  |  |  |  |  |  |
|  | AVERAGE DMIL <br> RATE | OPERATINC <br> EXPENSES | ${ }_{\text {apt }}^{\text {ap }}$ | $\begin{aligned} & \text { YEAR } \\ & \text { CAPPED } \end{aligned}$ | SELINE EXPENSE |  |  |  |  |  |  |
| INVESTMENT BANKER + Forecast Period 5 years <br> Usas bodr DCF and dirocr capital ration, in dirac cap, capializes noxt <br> cepitalifation |  | 300 |  | - | $\begin{gathered} 200 \\ \substack{\infty \\ 10 x} \end{gathered}$ | $\begin{aligned} & 125 x \\ & \text { noss } \\ & 123 x \end{aligned}$ | Sosex | $\begin{aligned} & \text { Das } \\ & \text { cos } \\ & \text { cos } \end{aligned}$ | 306 | ars | \% |
| OWNER-MANAGER + Forecast Period: 3 years <br> focuses on dirocr cacitaiatios in diroct cap, capializes priox 12 morth focises on diroce chidalatias in diroct cap, cap of | 356 | ${ }^{2} \text { dow }$ | 1aces | $\begin{aligned} & \text { Dose } \\ & \text { nom } \\ & \text { cos } \end{aligned}$ | $\begin{aligned} & \text { Does } \\ & \text { noos } \\ & \text { sos } \end{aligned}$ | $\begin{gathered} \text { Dase } \\ \text { mox } \\ \hline \text { nol } \end{gathered}$ | $\operatorname{soc}$ | $\begin{aligned} & 15 \\ & { }_{80}^{50} \\ & 40 \end{aligned}$ | 4.054, 10.05: of dstribusion inctravive fioe | 40. | $\begin{aligned} & \text { y } \\ & 10 \\ & 10 \end{aligned}$ |
| PRIVAIE HOTEL COMPANY + Forecast Period. 10 years <br> Nortcast Southeos, and Souttiost, Hes boch DC. and diroc copia isatios in droct cap, capralizs prior 12 monts of income, doducs toth Fsf and sucural resenve from NOI below capping | 3.06 | 3.05 | 19006 | 10 | 20\% | 1200\% | loow | $\begin{aligned} & \text { Dase } \\ & \substack{\text { cos } \\ \text { cos }} \end{aligned}$ |  | 405 |  |
| PENSION FUND ADVISOR + Forecast Period 5 yean Uses boht DCF and diract captal ration in dircec cap, capializes nexe NOI belore capring prefirs Califonia. Datver, Searle, Miderest (Chicagal, and las Cosst to New York. | 356 | $\substack{000 \\ 400}_{202}$ | $\begin{gathered} \operatorname{ancosex} \\ \text { nosox } \end{gathered}$ | - | $\begin{gathered} 1.00 \\ \substack{1000} \\ 50 x \end{gathered}$ |  | $\begin{aligned} & \text { secex } \\ & \text { losen } \\ & \text { loc } \end{aligned}$ | $\begin{aligned} & 1.5 \\ & { }_{20}^{25} \end{aligned}$ |  | 405 | 6 |
| OWNEROPERATOR + Forecast Period 10 years <br> Uses both DCF and dinicr captal cation, in dirser cap, capitalizes nex <br> 12 morts of inoome dodics both ifse and stuctural rosory NOI bevore capializationt likes resort artes in major markots. |  | $\begin{gathered} \operatorname{sinx} \\ \substack{00 x} \end{gathered}$ |  | " | 2.0\% | 1000x |  |  | 306 | $\begin{aligned} & \text { cor } \\ & \substack{100 \\ 50 r x} \end{aligned}$ | ${ }_{3}^{3}$ |
| MORTGAGE BANKER + Forecast Period: 3 to 7 yean <br> Uses both DC.F and diroct captal fations in diract cap, capicaliass pricr <br> 12 months of income profirs major CSDs with tartions to ontry in the <br> Northesst and Wes. |  | $\begin{gathered} 20 x \\ 0.0 x \\ 0 x 0 \end{gathered}$ | Hecose | is | $\begin{gathered} 200 \\ \substack{0 \\ 500} \\ \hline \end{gathered}$ | $\substack { 11000 \\ \begin{subarray}{c}{18 \operatorname{sons}{ 1 1 0 0 0 \\ \begin{subarray} { c } { 1 8 \operatorname { s o n s } } } \\ {\substack{0}} \\ {\hline} \end{subarray}$ | lovon | $\begin{aligned} & \text { Das } \\ & \text { oxas } \\ & \text { col } \end{aligned}$ | $\begin{aligned} & 356 \\ & \text { isw } \\ & \hline \end{aligned}$ | s.ors | 6 |
|  |  |  |  |  |  |  |  |  | PrICEWATERHOUSE@DPERS 图 |  |  |

## Discounted Cash Flow

- Determine yield rate $\&$ terminal capitalization rate



## Discounted Cash Flow

- Determine yield rate $\&$ terminal capitalization rate



## Discounted Cash Flow

DCF

Value as of January 2, 2008

| MAAO Inn \& Suites |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year <br> ADR <br> Occupancy <br> RevPAR <br> Number of Units <br> Total Rooms Available |  |  | $\begin{array}{r} 80 \\ 29,200 \\ \hline \end{array}$ | 2008 $\$ 66.30$ $\$ 41.02$ | $\begin{aligned} & 2009 \\ & \$ 67.63 \\ & 62 \% \\ & \$ 42.51 \end{aligned}$ | $\begin{array}{r} 2010 \\ \$ 68.98 \\ 63 \% \\ \$ 44.04 \end{array}$ | $\begin{array}{r} 2011 \\ \$ 70.36 \\ 64 \% \\ \$ 45.62 \end{array}$ | $\begin{array}{r\|} \hline 2012 \\ \$ 71.77 \\ 65 \% \\ \$ 47.25 \end{array}$ | 2013 <br> $\$ 73.20$ <br> $66 \%$ <br> $\$ 48.92$ | $\begin{array}{r\|} \hline 2014 \\ \$ 74.66 \\ 66 \% \\ \$ 49.89 \end{array}$ | $\begin{array}{r} 2015 \\ \$ 76.16 \\ 65 \% \\ \$ 50.12 \end{array}$ | $\begin{array}{\|r\|} \hline 2016 \\ \$ 77.68 \\ 64 \% \\ \$ 50.34 \end{array}$ |
| Revenues |  |  |  |  |  |  |  |  |  |  |  |  |
| Total | Room Reven ommunication ing, Video \& O <br> s Revenue | ntals |  | $\begin{array}{r} \$ 1,180,935.60 \\ \$ 4,806.52 \\ \$ 12,016.30 \\ \$ 1,197,758.42 \end{array}$ | $\begin{array}{r} \$ 1,224,301.10 \\ \$ 4,854.59 \\ \$ 12,136.4 \\ \$ 1,241,292.15 \end{array}$ | $\begin{array}{r} \$ 1,268,928.85 \\ \$ 4,903.13 \\ \$ 12,257.83 \\ \$ 1,286,089.81 \end{array}$ | $\begin{array}{r} \$ 1,314,851.99 \\ \$ 4,952.16 \\ \$ 12,380.41 \\ \$ 1,332,184.56 \end{array}$ | $\begin{array}{r} \$ 1,362,104.49 \\ \$ 5,001.68 \\ \$ 12,504.21 \\ \$ 1,379,610.38 \end{array}$ | $\begin{array}{r} \$ 1,410,721.14 \\ \$ 5,051.70 \\ \$ 12,629.25 \\ \$ 1,428,402.09 \end{array}$ | $\$ 1,438,935.56$ $\$ 5,102.22$ $\$ 12,755.54$ $\$ 1,456,793.32$ | $\$ 1,445,476.18$ $\$ 5,153.24$ $\$ 12,883.10$ $\$ 1,463,512.52$ | $\begin{array}{r} \$ 1,451,702.85 \\ \$ 5,204.77 \\ \$ 13,011.93 \\ \$ 1,469,919.55 \end{array}$ |
| Departmental Expenses |  |  |  |  |  |  |  |  |  |  |  |  |
|  | Expenses ommunications |  |  | $\begin{array}{r} \$ 396,527.46 \\ \$ 4,944.00 \end{array}$ | $\begin{array}{r} \$ 408,423.28 \\ \$ 5,092.32 \end{array}$ | $\begin{array}{r} \$ 420,675.98 \\ \$ 5,245.09 \end{array}$ | $\begin{array}{r} \$ 433,296.26 \\ \$ 5,402.44 \end{array}$ | $\begin{array}{r} \$ 46,295.15 \\ \$ 5,564.52 \end{array}$ | $\begin{array}{r} \$ 459,684.00 \\ \$ 5,731.45 \end{array}$ | $\begin{array}{r} \$ 473,474.52 \\ \$ 5,903.39 \end{array}$ | $\begin{array}{r} \$ 487,678.76 \\ \$ 6,080.50 \end{array}$ | $\begin{array}{r} \$ 502,309.12 \\ \$ 6,262.91 \end{array}$ |
|  | ing, Video \& O | 㖪ses |  | \$12,360.00 | \$12,730.80 | \$13,112.72 | \$13,506.11 | \$13,911.29 | \$14,328.63 | \$14,758.49 | \$15,201.24 | \$15,657.28 |
| Total | art mental Exp |  |  | \$413,831.46 | \$426,246.40 | \$439,033.80 | \$452,204.81 | \$465,770.95 | \$479,744.08 | \$494,136.41 | \$508,960.50 | \$524,229.31 |
| Depa | ntal Profit |  |  | \$783,926.96 | \$815,045.75 | \$847,056.01 | \$879,979.75 | \$913,839.43 | \$948,658.01 | \$962,656.91 | \$954,552.02 | \$945,690.24 |
| Undistributed Expenses |  |  |  |  |  |  |  |  |  |  |  |  |
|  | nistrative \& Ge |  |  | \$118,093.56 | \$121,636.37 | \$125,285.46 | \$129,044.02 | \$132,915.34 | \$136,902.80 | \$141,009.89 | \$145,240.18 | \$149,597.39 |
|  | eting |  |  | \$64,951.46 | \$66,900.00 | \$68,907.00 | \$70,974.21 | \$73,103.44 | \$75,296.54 | \$77,555.44 | \$79,882.10 | \$82,278.57 |
|  | rations \& Maint |  |  | \$47,237.42 | \$48,654.54 | \$50,114.18 | \$51,617.60 | \$53,166.13 | \$54,761.12 | \$56,403.95 | \$58,096.07 | \$59,838.95 |
|  |  |  |  | \$48,418.36 | \$49,870.91 | \$51,367.04 | \$52,908.05 | \$54,495.29 | \$56,130.15 | \$57,814.05 | \$59,548.48 | \$61,334.93 |
|  | hise Fees |  | 7\% | \$82,665.49 | \$85,701.08 | \$88,825.02 | \$92,039.64 | \$95,347.31 | \$98,750.48 | \$100,725.49 | \$101,183.33 | \$101,619.20 |
|  | ment |  | 3\% | \$35,932.75 | \$37,238.76 | \$38,582.69 | \$39,965.54 | \$41,388.31 | \$42,852.06 | \$43,703.80 | \$43,905.38 | \$44,097.59 |
| Total Undistributed Expenses |  |  |  | \$397,299.04 | \$410,001.67 | \$423,081.39 | \$436,549.07 | \$450,415.83 | \$464,693.15 | \$477,212.62 | \$487,855.54 | \$498,766.62 |
| Gross Operat ing Profit |  |  |  | \$386,627.92 | \$405,044.08 | \$423,974.62 | \$443,430.68 | \$463,423.59 | \$483,964.85 | \$485,444.30 | \$466,696.48 | \$446,923.62 |
| Fixed Expenses |  |  |  |  |  |  |  |  |  |  |  |  |
|  | ance |  |  | \$14,373.10 | \$14,804.29 | \$15,248.42 | \$15,705.87 | \$16,177.05 | \$16,662.36 | \$17,162.23 | \$17,677.10 | \$18,207.41 |
|  | Reserves (retu |  | 3\% | \$35,932.75 | \$37,238.76 | \$38,582.69 | \$39,965.54 | \$41,388.31 | \$42,852.06 | \$43,703.80 | \$43,905.38 | \$44,097.59 |
|  | Currently in Pla | mon) | 10\% | \$34,272.00 | \$34,957.44 | \$35,656.59 | \$36,369.72 | \$37,097.11 | \$37,839.06 | \$38,595.84 | \$39,367.76 | \$40,155.11 |
| Total Fixed Expenses |  |  |  | \$84,577.85 | \$87,000.50 | \$89,487.70 | \$92,041.13 | \$94,662.48 | \$97,353.48 | \$99,461.87 | \$100,950.23 | \$102,460.11 |
| Net Operating Income to Real Estate |  |  |  | \$302,050.06 | \$318,043.58 | \$334,486.92 | \$351,389.55 | \$368,761.12 | \$386,611.37 | \$385,982.42 | \$365,746.25 | \$344,463.51 |
| Year | Cash Flow |  | PV of \$1 @ | 16.00\% | Present Value |  |  | Real Estate NOI Year 9 |  |  |  | \$344,463.51 |
| 1 | \$302,050.06 | X | 0.8621 | = | $\begin{aligned} & \hline \$ 260,387.99 \\ & \$ 236,358.19 \end{aligned}$ |  |  | Divided By: Terminal Cap Rate @ (Terminal Cap Rate) + (ETR) |  |  |  | 14.00\% |
| 2 | \$318,043.58 | X | 0.7432 | = |  |  |  | Capitalized Cash Flow Year 9 |  |  |  | \$2,460,453.62 |
| 3 | \$334,486.92 | x | 0.6407 | = | $\$ 236,358.19$$\$ 214,291.61$ |  |  |  |  |  |  | (\$73,813.61) |
| 4 | \$351,389.55 | X | 0.5523 | = | \$194,069.32 |  |  | Reversion |  |  |  | \$2,386,640.01 |
| 5 | \$368,761.12 | x | 0.4761 | = | \$175,571.97 |  |  | Multiplied By: Discount Rate @ (Vield Rate) + (ETR) |  |  |  | 0.3050 |
| 6 | \$386,611.37 | x | 0.4104 | = | \$158,681.64 |  |  | Discount Value of Reversion |  |  |  | \$727,985.96 |
| 7 | \$385,982.42 | x | 0.3538 | = | \$136,571.98 |  |  | Plus: Cummulative Cash Flow Years 1-8 Value Indication By DCF |  |  |  | \$1,487,494.62 |
| 8 | \$365,746.25 | X | 0.3050 | = | \$111,561.92 |  |  |  |  |  |  | \$2,215,480.58 |
|  |  |  |  | Total | \$1,487,494.62 |  |  | Value Indication By DCF <br> Rounded: |  |  |  | $\begin{gathered} 2,215,000.00 \\ \$ 27,687.50 \\ \hline \end{gathered}$ |

## Reconciliation

Direct Capitalization

| Component | Value | Value/Rm |
| :--- | :---: | ---: |
| Real Estate | $\$ 2,171,000$ | $\$ 27,138$ |
| Business | $\$ 876,000$ | $\$ 10,950$ |
| FF\&E | $\$ 525,000$ | $\$ 6,563$ |
| Total | $\$ 3,572,000$ | $\$ 44,650$ |

Discounted Cash Flow

| Component | Value | Value/Rm |
| :--- | :---: | ---: |
| Real Estate | $\$ 2,215,000$ | $\$ 27,688$ |
| Business | $\$ 912,000$ | $\$ 11,400$ |
| FF\&E | $\$ 540,000$ | $\$ 6,750$ |
| Total | $\$ 3,667,000$ | $\$ 45,838$ |

Reconciled Value

| Component | Value | Value/Rm |
| :--- | :---: | ---: |
| Real Estate | $\$ 2,193,000$ | $\$ 27,413$ |
| Business | $\$ 894,000$ | $\$ 11,175$ |
| FF\&E | $\$ 532,500$ | $\$ 6,656$ |
| Total | $\$ 3,619,500$ | $\$ 45,244$ |

## Are we within the range?



## Reconciliation

Direct Capitalization

| Component | Value | Value/Rm |
| :--- | :---: | ---: |
| Real Estate | $\$ 2,171,000$ | $\$ 27,138$ |
| Business | $\$ 876,000$ | $\$ 10,950$ |
| FF\&E | $\$ 525,000$ | $\$ 6,563$ |
| Total | $\$ 3,572,000$ | $\$ 44,650$ |

Discounted Cash Flow

| Component | Value | Value/Rm |
| :--- | :---: | ---: |
| Real Estate | $\$ 2,215,000$ | $\$ 27,688$ |
| Business | $\$ 912,000$ | $\$ 11,400$ |
| FF\&E | $\$ 540,000$ | $\$ 6,750$ |
| Total | $\$ 3,667,000$ | $\$ 45,838$ |

Reconciled Value

| Component | Value | Value/Rm |
| :--- | :---: | ---: |
| Real Estate | $\$ 2,193,000$ | $\$ 27,413$ |
| Business | $\$ 894,000$ | $\$ 11,175$ |
| FF\&E | $\$ 532,500$ | $\$ 6,656$ |
| Total | $\$ 3,619,500$ | $\$ 45,244$ |

## Reconciliation

Direct Capitalization

| Component | Value | Value/Rm |
| :--- | :---: | :---: |
| Real Estate | $\$ 2,171,000$ | $\$ 27,138$ |

Discounted Cash Flow

| Component | Value | Value/Rm |
| :--- | :---: | :---: |
| Real Estate | $\$ 2,215,000$ | $\$ 27,688$ |

Reconciled Value

| Component | Value | Value/Rm |
| :--- | :---: | :---: |
| Real Estate | $\$ 2,193,000$ | $\$ 27,413$ |

Questions?



[^0]:    Real Estate NOI Year 9
    Divided
    Divided By: Terminal Cap Rate @ (Terminal Cap Rate) + (ETR
    Capitalized C Cash lloon
    Capitalized Cash Flow Yea
    Less: Resale Cost $@ 3 \% 5 \%$

    | Reversion |
    | :--- |
    | Multiplied B |

    Multiplied By: Dis count Rate @ ( Mield Rate) + (ETR)
    $\frac{\text { Discount Value of Reversion }}{\text { Plus: Cummulative Cash Flow Years } 1-8}$
    Plus: Cummulative Cash FII
    Value Indication By DCF
    Value Indication By DCF
    Rounded:
    Rounded:
    Per Room Real Estate Value

