## NARRATIVE APPRAISAL REPORT

&

#### **VALUATION ANALYSIS**

# **PROPERTY**

Residences at Acorn Park Site
15.6 Acres of Land
1, 37 Acorn Park Road
Belmont & Cambridge, Massachusetts
DCR FILE NO.: P-000610 & P-000611

# **DATE OF VALUATION**

March 29, 2011

## **PREPARED FOR**

Brenda Griffiths
Assistant Director of Operations
Commonwealth of Massachusetts
Department of Conservation and Recreation
251 Causeway Street, Suite 600
Boston, MA 02114-2119

Town of Belmont c/o Jay Szklut Planning & Economic Development Manager 455 Concord Avenue Belmont, MA 02478

# PREPARED BY

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March 30, 2011

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Assistant Director of Operations
Commonwealth of Massachusetts
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Town of Belmont c/o Jay Szklut Planning & Economic Development Manager 455 Concord Avenue Belmont, MA 02478

RE: Residences at Acorn Park Site 15.6 Acres of Land

1, 37 Acorn Park Road Belmont & Cambridge, Massachusetts

Files #P-610, P-611

Dear Ms. Griffiths & Mr. Szklut:

In fulfillment of our agreement, as outlined in the letter of engagement dated February 23, 2011, we are pleased to transmit the appraisal report detailing our estimate of the market value of the fee simple interest in the above referenced property. This self-contained appraisal report sets forth the value estimate, together with supporting data and reasoning which forms the basis for our conclusions.

The subject of this report is 15.6 acres of *Belmont Uplands* zoned land, located at the corner of Acorn Park Road and Frontage Road in Belmont, Massachusetts on the Cambridge city line. Of the 15.6 acres, 12.9 acres are within Belmont, and 2.7 acres are within Cambridge. The site consists of approximately 8.5 acres of forested uplands and 7.1 acres of wetlands.

The site has been approved under Massachusetts General Laws Chapter 40B for a 299 rental housing project. The development will feature five, 4 story buildings over ground level parking garages.

This appraisal has been completed using the following *extraordinary assumption*:

• The estimated value of the property is based upon the *extraordinary assumption* that all pending appeals of the approvals that have been issued thus far will be settled within the coming weeks and that a building permit allowing for the 299 unit rental development will be issued at this time.

As a result of our analysis, it is our opinion that the market value of the subject property as of March 29, 2011, subject to the definitions, limiting conditions and certifications set forth in the attached report are as follows:

# THIRTEEN MILLION FIVE HUNDRED THOUSAND (\$13,500,000) DOLLARS

This letter must remain attached to the report in order for the value opinion set forth to be considered valid.

Respectfully submitted,

Christopher H. Bowler, MAI, SRA Massachusetts Certified General

Real Estate Appraiser #495

Jonathan H. Avery, MAI, CRE Massachusetts Certified General Real Estate Appraiser #26

Jonathan H. Arony

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# **SUMMARY OF IMPORTANT FACTS AND CONCLUSIONS**

**PROPERTY ADDRESS**: 1, 37 Acorn Park Road

Belmont & Cambridge, Massachusetts

**OWNER OF RECORD**: AP Cambridge Partners ii, LLC c/o

O'Neill Properties

**DATE OF VALUE ESTIMATE**: March 29, 2011

**LAND AREA**: 12.9 acres Belmont

2.7 acres Cambridge

15.6 acres Total

**EXISTING IMPROVEMENTS**: None – vacant land.

**ZONING**: Apartment House-Belmont Uplands; Subject to a

Comprehensive Permit issued via M.G.L. Chapter

40B.

**HIGHEST AND BEST USE**: Development of 299 residential apartment units in

accordance with the plans that have been proposed

and approved (subject to pending appeals).

**EXTRAORDINARY ASSUMPTION**: The estimated value of the property is based upon the *extraordinary assumption* that all pending appeals of the approvals that have been issued thus far will be settled within the coming weeks and that a building permit allowing for the 299 unit rental development will be issued at this time.

<u>VALUE ESTIMATE</u>: \$13,500,000

**APPRAISED BY**: Christopher H. Bowler, MAI, SRA

Jonathan H. Avery, MAI, CRE

Avery Associates Post Office Box 834 282 Central Street Acton, MA 01720

# <u>SUBJECT PROPERTY PHOTOGRAPHS</u> Residences at Acorn Park - Site

Residences at Acorn Park - Site
Acorn Park Road
Belmont, Cambridge, MA
Photos Taken by C. Bowler (3/29/11)



Aerial Photo of Site Provided by Mass GIS/Google Earth.



View Looking NW at the Belmont Portion of the Site.

# **SUBJECT PROPERTY PHOTOGRAPHS**

Residences at Acorn Park - Site
Acorn Park Road
Belmont, Cambridge, MA
Photos Taken by C. Bowler (3/29/11)



Street Scene Looking Northerly Along Acorn Park Road.



**Street Scene Looking South Along Acorn Park Road.** 

# **SUBJECT PROPERTY PHOTOGRAPHS**

Residences at Acorn Park - Site
Acorn Park Road
Belmont, Cambridge, MA
Photos Taken by C. Bowler (3/29/11)



View Looking SW at the Wetlands-Cambridge Portion of the Site at the Bend in Acorn Park Road.



View Looking NE, Across the Little River, at the Subject Site. Photo Taken From "Hill Estates" Apartment Complex off of Brighton Ave.

# **NARRATIVE APPRAISAL REPORT**

<u>PURPOSE OF THE APPRAISAL</u>: The purpose of this appraisal is to estimate the market value of the fee simple interest in the subject property as of March 29, 2011. In estimating this value it has been necessary to make a careful physical inspection of the property, a review of existing zoning by-law, a review of the proposed plans, and existing approvals, and an analysis of current market conditions and how they relate to and affect the subject property.

The definition of market value and fee simple can be found in the Addenda section to this report.

<u>INTENDED USE OF REPORT</u>: The intended use of this appraisal is to estimate the market value of the subject property for its possible acquisition by the Massachusetts Department of Conservation and Recreation (DCR) and the Town of Belmont.

**INTENDED USERS OF REPORT**: The Massachusetts Department of Conservation and Recreation (DCR) and the Town of Belmont.

**INTEREST VALUE**: Fee Simple.

**<u>DATE OF VALUATION</u>**: The effective date of valuation of this appraisal is March 29, 2011. All data, analysis, and conclusions are based upon facts in existence as of the date of valuation.

**DATE OF REPORT**: March 30, 2011.

**SCOPE OF THE APPRAISAL**: Christopher H. Bowler, MAI, SRA inspected the subject property on several occasions, most recently March 29, 2011. Photographs of the property were taken at this time. Jonathan H. Avery, MAI, CRE inspected the site from the roadway on March 26, 2011.

In addition to the inspections, Mr. Bowler:

- Reviewed extensive files on the subject property and the proposed rental development available at the Belmont Planning & Economic Development department. These documents include the approvals, plans, financial projections, costs, deeds.
- Discussed the subject property and the approvals status with Belmont Town Planner Jay Szklut.
- Reviewed extensive media articles pertaining to the subject development dating back 5 years.
- Obtained additional information regarding the property from the Belmont and Cambridge Assessors' Departments, and the Middlesex South Registry of Deeds.
- Gathered information on comparable land sales that were proposed and/or approved for multi family rental development at the time of their sales in the Greater Boston area.

• Confirmed and analyzed the data and applied the Sales Comparison Approach in order to estimate the market value of the subject property.

# **DESCRIPTION OF REAL ESTATE APPRAISED**

**LEGAL DESCRIPTION** - The subject of this report is 15.6 acres of *Belmont Uplands* zoned land, located at the corner of Acorn Park Road and Frontage Road in Belmont, Massachusetts on the Cambridge city line. Of the 15.6 acres, 12.9 acres are within Belmont, and 2.7 acres are within Cambridge. The site consists of approximately 8.5 acres of forested uplands and 7.1 acres of wetlands.

The following are the address, assessor's and legal references for the property:

		Assess	ors	Size of	Current	Legal
<u>Address</u>	<u>Town</u>	<u>Map</u>	<u>Lot</u>	Parcel (ac)	<u>Owner</u>	Reference (Bk/Pg)
1 Acorn Park Road	Belmont	40	1	12.90	AP Cambridge Partners II LLC	30386/260
37 Acorn Park Road	Cambridge	267	1-239	2.70	^^ AP Cambridge Partners II LLC	30386/260
			Total	15.60		

M This parcel is currently part of a larger 9.23 acre assessors parcel in Cambridge comprised primarily of wetlands.

The subject property is part of a larger 41+ acre property, that included an older office/R&D building, purchased by AP Cambridge Partners II (O'Neill Properties) from Arthur D. Little, Inc. in June of 1999 for a total of \$18.4 million. O'Neill subsequently sold off most of the property, that included development parcels, to Bulfinch Properties in early 2000. The property that O'Neill did retain includes the subject and mostly wetland parcels in Cambridge.

A copy of the deed listed above can be found in the Addenda to this report.

**Approval Status**: The Town of Belmont issued a Comprehensive Permit allowing for a 299 unit rental development on the subject site to O'Neill Properties in February of 2007. A copy of this decision can be found in the Addenda to this report. The Massachusetts Department of Environmental Protection issued a Superceding Order of Conditions in May of 2010 allowing for the development in and around the wetlands and floodplains in the area.

It should be noted that the Mass DEP decision has been appealed by two local environmental groups.

Before a building permit can be issued, the following is needed:

- Resolution of the DEP appeal.
- Information to Belmont Planning on the sewer connection, and a \$382,500 payment to the Town of Belmont if this town's system is used for connection.
- Report by a third party consultant on storm water design.
- Completion of the conservation restriction on the areas outside of the main building envelope.

**Affordability Requirement**: Per the Comprehensive Permit, 20% of the units must be reserved for rental to households making no more than 50% of the median income for the area.

**TAXES AND ASSESSMENT -** The following is the current assessment and tax burden for the subject:

		Assess	ors	Size of	Fiscal		Total		Ta	x Rate	R.E.Taxes
<u>Address</u>	<u>Town</u>	<u>Map</u>	<u>Block</u>	Parcel (ac)	<u>Year</u>	<u> </u>	ssessment		<u>(pe</u>	er \$000)	<u>Due</u>
1 Acorn Park Road	Belmont	40	1	12.90	2011	\$	12,431,000		\$	13.24	\$ 164,586.44
37 Acorn Park Road	Cambridge	267	1-239	2.70	2011	\$	402,200	۸۸	\$	8.16	\$ 3,281.95
				Totals		\$	12.833.200				\$ 167.868.39

<sup>^</sup> This parcel is currently part of a larger 9.23 acre assessors parcel in Cambridge comprised primarily of wetlands.

<u>Comment</u>: The total assessment and tax burden in Cambridge reflects the entire 9.23 acre parcel from which the subject 2.7 acres is derived.

Based upon a review of the estimated value contained in this report it is our opinion that the current tax assessment is fair and reasonable.

**LOCATION DESCRIPTION** – *Town* - The majority portion of the subject property is located in the eastern Middlesex County community of Belmont. Surrounding communities are Arlington on the north; Cambridge on the east; Watertown on the south; Waltham on the southwest; and Lexington on the west. Its population per the 2000 US Census was 24,194. This is down 2.13% from the 1990 figure. The estimated population per a 2007 Mass Department of Revenue census was 23,356. Downtown Boston is 7 miles southeast of Belmont Center.

Belmont is a small (4.6 square miles), affluent bedroom community located 7 miles northwest of Boston. It is a town with little to no industry, contains no liquor stores, and has on a couple of restaurants that serve liquor. It is a 'boring' town by most residents own admissions, and they want to keep it that way.

The town has a quaint shopping center district and an excellent school system that routinely ranks in the top 10 of the state by any measure of excellence. Over 95% of Belmont High graduates go on to a 4 year college. The Belmont High School campus is one of the more attractive ones in the Commonwealth, located off of Concord Avenue, east of the town center. The four elementary schools have all been re-habbed or re-built within the past 10 years.

The desirable features referenced above do not come cheaply. Belmont has become a home for the affluent with an average sales price for a single family home of \$726,545 over the previous 12 months, and \$417,816 for condominiums, according to MLS statistics.

**Economic Conditions**: When completing an appraisal of real property it is necessary to have a proper perspective of economic conditions as of the date of valuation. Economic conditions play a significant role in the price paid for real estate at any given time.

As the first quarter of 2011 nears a conclusion, the recovery from the "Great Recession", which lasted over a year between 2008 and 2009, continues. But the recovery is stubbornly slow and is characterized by very little job growth and continued high unemployment. We look at several key economic indicators to measure the health of the economy as of the date of valuation:

### **THE ECONOMY**

The Gross Domestic Product (total market value of the goods and services produced by a nation's economy during a specific period of time) figures for the most recent four quarters and previous 6 years are shown below.

U.S. ECONOMIC GROWTH (growth in the GDP)

	Annualized G	rowth Rate
2010 Quarter 4	3.2%	preliminary
2010 Quarter 3	2.6%	
2010 Quarter 2	1.7%	
2010 Quarter 1	3.7%	
2009 Annual	-2.4%	
2008 Annual	0.4%	
2007 Annual	2.2%	
2006 Annual	3.3%	
2005 Annual	3.2%	
2004 Annual	3.9%	

(Gross Domestic Product is the total market value of the goods and services produced by a nation's economy during a specific period of time).

Growth has been positive now for the past five quarters. However, to recover from a recession and return to low unemployment, GDP growth typically must be in the 5%+ range on an annualized basis. Growth in the last 4 quarters has averaged 2.8%. This low growth is the reason that unemployment remains high as will be seen below.

#### EMPLOYMENT/JOB GROWTH

Harris I and But	Town of	Middlesex	Boston-Camb- Quincy Metro	•
<u>Unemployment Rate</u>	<u>Belmont</u>	<u>County</u>	<u>NECTA</u>	<u>Mass.</u>
Feb-11	5.0%	7.0%	7.8%	8.3%
Jan-11	5.2%	6.5%	7.1%	8.3%
Feb-10	6.3%	7.7%	8.6%	8.8%
			<b>Boston-Camb-</b>	
	Town of	Middlesex	Boston-Camb- Quincy Metro	
# Employed (000's)	Town of <u>Belmont</u>	Middlesex <u>County</u>		Mass.
# Employed (000's) Feb-11		-	Quincy Metro	<u>Mass.</u> 3,211.60
	Belmont	County	Quincy Metro <u>NECTA</u>	

(Source: Mass Department of Employment & Training)

	New	
	Jobs	Unempl.
<b>United States</b>	Created	Rate
Feb-11	192,000	8.9%
Jan-11	63,000	9.0%
Dec-10	152,000	9.4%
Nov-10	93,000	9.8%
Oct-10	210,000	9.6%
Sep-10	(41,000)	9.6%
Aug-10	(1,000)	9.6%
Jul-10	(66,000)	9.5%
Jun-10	(175,000)	9.5%
May-10	432,000	9.7%
Apr-10	313,000	9.9%
Mar-10	208,000	9.7%

108,000 (Per month average over past 12 months).

(Source: US Bureau of Labor Statistics)

As with the GDP figures the employment figures, while showing growth, are a disappointment coming out of a recession. Typically, post-recession job growth exceeding 500,000 per month is common. The average over the past 12 months is just 108,000 per month. Most economists indicate that job growth in the vicinity of 150,000 per month is needed just to keep up with population growth. Not only do the recent figures not meet this, but they do not come close to reaching the 500,000 mark that would give a substantial positive boost to the economy.

## **CONSUMER SENTIMENT**

CONSU	JMER CONFIDENCE	INDEX
2011	Mar-11	63.4
	Feb-11	72.0
	Jan-11	64.8
2010	Oct-10	50.2
	Jul-10	48.5
	Apr-10	57.7
	Jan-10	56.5
2009	Oct-09	48.7
	Jul-09	46.6
	Apr-09	40.8
	Jan-09	37.4
2008	Oct-08	38.0
	Jul-08	51.9
	Apr-08	62.8
	Jan-08	87.3
2007	Oct-07	95.6
	Jul-07	111.9
	Apr-07	106.3
	Jan-07	110.2

(Source: The Conference Board)

The consumer confidence data shown above portrays the ups and downs of the economy over the past 3+ years. The index data is shown quarterly since January of 2007. The most recent figure is decline after 3 straight monthly increases. The reason for the drop in confidence was the perception among consumers of a return of inflation combined with a stagnant job market. Per the Conference Board a reading above 90 translates into an economy on solid footing while a reading above 100 reflects strong economic growth. So while confidence may be on the rise it is still well below the levels which suggest a strong economy.

#### STOCK MARKET, INTEREST RATE, & COMMODITY TRENDS

	Beginning	Closing	Change
	Price	Price	Since
	<u>1-Jan-11</u>	29-Mar-11	<u>1/1/2011</u>
Dow Jones Industrial	11,578	12,279	6.06%
Wilshire 5000	13,290	13,941	4.90%
S&P 500	1,258	1,319	4.88%
NASDAQ	2,653	2,757	3.93%
10 Year Treasury	3.31%	3.45%	14.0
			basis pts.
London Gold \$ fix/oz	1,422	1,420	-0.14%
Crude Oil \$ per barrel	91.40	104.54	14.38%

Thus far in 2011, the stock market is off to a positive start, up nearly 5% in terms of the S&P 500. For all of 2010 the S&P was up 12.78%. This marked the second straight year of double digit gains in the S&P after a disastrous 2008 which saw a decline approaching 40%.

The stock market has long been considered a pre-curser to future economic activity, which means the unimpressive GDP and employment may be ready to turn more positive.

#### **MULTI FAMILY & INVESTMENT R.E. MARKETS**

The following are excerpts from the 2011 <u>Marcus & Millichap Market Forecast</u> for the Greater Boston Apartment sector:

A faster pace of job growth, a decline in rental construction, and improving vacancy and rent trends will place Boston among the top performing apartment markets in the country in 2011. Following a solid rebound in hiring last year, employers will step up the pace as demand for goods and services strengthens in the months ahead. Job gains will occur in most employment segments, with the professional and business services and education and health services sectors expected to each grow nearly 3 percent. Demand for rental housing will improve with the employment market. Vacancy will decrease to the low-3 percent range in core urban submarkets, down from more than 5 percent during the recession. In the suburbs, where more than 60 percent of jobs in the metro exist, vacancy will dip below 6 percent, enabling operators to significantly reduce concessions by the second half of 2011.

As Boston remains a large, primary market with diverse demand drivers, local apartments will generate considerable interest when listed. Generally, cap rates ranged from about 6.2 percent to 7.0 percent at the end of lat year. Low interest rates and intensified bidding will maintain downward pressure on cap rates throughout the first half of 2011, encouraging owners to explore sales. Local investors will leverage price adjustments to expand portfolios, focusing on small properties in the city of Boston and near-in suburbs. Institutions and REITS, which increased activity in the second half of 2010, will target large, high-quality properties in the suburbs. The probability that more intense bidding for these assets will drive up prices as the year progresses may compel many of these investors to seek lower-priced opportunities in other markets.

## 2011 Market Outlook

- **2011 NAI Rank: 3, Up 5 Places.** Low housing affordability and above-average employment growth pushed Boston to the third position in this year's NAI.
- **Employment Forecast:** In 2011, employment will expand 2 percent, or by 49,000 positions, compared with a 1.5 percent increase nationwide. Last year, local employers created 37,500 jobs.
- Construction Forecast: Rental stock will grow only 0.3 percent in 2011 as 600 units are completed, one of the lowest totals in the past 10 years. Slightly more than 1,000 rentals were delivered in 2010.
- Vacancy Forecast: Waning construction and accelerated job growth will support a 100 basis point decline in vacancy this year to 4.5 percent. The release of pent-up demand generated a 90 basis point decrease in the vacancy rate during 2010.
- **Rent Forecast:** In 2011, asking rents will climb 3.5 percent to \$1,777 per month, while concessions will burn as effective rents advance 4.5 percent to \$1,697 per month.
- **Investment Forecast:** Additional loosening of the capital markets will support strong bids among local buyers for small properties in the city of Boston. Investors seeking stable suburban assets will focus on the Mass Pike and Route 9 corridors.

The recently released MIT Commercial Property Price Index shows an increase in the 'apartment properties' category of +17.45% between the fourth quarter of 2009 and the fourth quarter of 2010. Over the past five years, however, the index suggests a 14% drop in the prices paid for apartment properties. This index tracks transactions of properties from the National Council of Real Estate Investment Fiduciaries (NCREIF) and includes office, industrial, retail and apartment properties. The data from this index is as follows:

			Year								
		All	over Year	Office	over Year	Industrial	over Year	Retail	over Year	Apartment	over Year
Year	Q	<b>Properties</b>	% Change								
2005	4	182.45		234.29		211.91		202.49		273.61	
2006	4	214.00	17.29%	275.85	17.74%	255.27	20.46%	220.93	9.11%	275.29	0.61%
2007	4	211.05	-1.37%	306.30	11.04%	253.36	-0.75%	216.48	-2.02%	297.48	8.06%
2008	4	179.75	-14.83%	248.82	-18.77%	209.67	-17.24%	196.68	-9.15%	248.87	-16.34%
2009	4	139.25	-22.53%	180.47	-27.47%	160.83	-23.29%	154.11	-21.65%	200.33	-19.50%
2010	4	166.06	19.26%	203.08	12.53%	184.98	15.01%	156.67	1.66%	235.29	17.45%
Total	5 Ye	ar Change	-8.98%		-13.32%		-12.71%		-22.63%		-14.00%

The information provided by the Marcus & Millichap report, combined with the data from the index above, suggests that the apartment property investment market has turned the corner from the slump of the past few years. A dearth of construction, a lack of alternative investments, and a slowly recovering economy has created an environment in which prices for well located, Class A apartment properties are on the rise and cap rates are declining.

<u>COMMENTS/CONCLUSIONS</u>: The following conclusions are drawn based upon the data and observations cited above:

- The economy is in a state of fragile recovery. The recovery which began in the 4<sup>th</sup> quarter of 2009 has never really taken off and is characterized by slow growth and continued high unemployment.
- Consumer confidence still remains at levels suggesting a troubled economy.
- The 'for sale' residential market is struggling again after having begun a strong rebound in 2009. The 'rebound' benefited from the first time buyer \$8,000 federal income tax credit and historically low mortgage rates. The federal tax credit ended in the Spring of 2010. Developers and statistics reveal that the 2<sup>nd</sup> half of 2010 saw a return to slumping conditions. Inventories are rising and small prices declines have returned.
- Of all the sectors of the r.e. development markets, the Apartment (rentals) sector is faring the best as the first quarter of 2011 concludes. There has been a dearth of apartment construction over the past 4 years yet the demand to rent apartments has grown as the home ownership market suffers through a foreclosure crisis.

Each of these factors has been taken into consideration with the valuation of the subject property.

### THE NEIGHBORHOOD

The subject property is located in the northeast corner of Belmont, at the corner of Acorn Park Road and Frontage Road (Route 2 access road). A portion of the property is in Cambridge. The Arlington Town line is 200 feet to the north.

The subject is located in the Alewife area, centered around the Alewife MBTA Red Line subway and bus station which is 0.7 miles east of the subject. Surrounding the station to the west and south are two office/R&D parks and an industrial park. Within these parks are over 1.5 million square feet of class A&B office and R&D space and over 1.2 million sq ft of older industrial space. New Boston Properties has received approval to re-develop a portion of the industrial park into 260 rental apartment units.

North of the subject on Route 2 is a bowling alley/sports complex, a 116 room motel, and a dilapidated former nightclub property that is nearing approval for redevelopment into 227 rental apartment units.

Abutting the subject to the west and south is the 115 acre Alewife Brook Reservation owned and maintained by the Massachusetts DCR. Within this reservation is Little Pond and to the south is the Little River that flows into the Alewife Brook. Across the Little River from the subject is the 390 unit Hill Estates apartment complex. This complex was constructed in the late 1960's/early 1970's and feature brick, garden style and townhouse units. Across Acorn Park Road from the subject is a wetlands parcel.

Spy Pond in Arlington is \( \frac{1}{4} \) mile north, across Route 2.

From an apartment development site standpoint, the location of the subject is considered good. It is convenient to major highways, public transportation and employment centers.

**PROPERTY DESCRIPTION**: The subject of this report is 15.6 acres of *Belmont Uplands* zoned land, located at the corner of Acorn Park Road and Frontage Road in Belmont, Massachusetts on the Cambridge city line.

Of the 15.6 acres 12.9 acre are within Belmont, and 2.7 acres are within Cambridge. The site consists of approximately 8.5 acres of forested uplands and 7.1 acres of wetlands. A portion of the wetlands are located on the easterly side of Acorn Park Road.

The site has 357.76' of frontage on Frontage Road and 625 feet on Acorn Park Road. Elevations on site range from 8' above sea level in the western, southern wetlands portion of the land, to 23' above sea level within the forested uplands.

The main building area of the site will be the 8.5 acres of uplands. The remainder of the site is wetlands and within the boundaries of the 100 year flood plain per FEMA panel #250 17C 419E dated June 4, 2010.

The site has access to municipal water and sewer lines, both in Belmont and Cambridge. The current plan for the proposed development is to connect to the Belmont system in conjunction with a \$382,500 mitigation payment.

Other utilities to the site include natural gas, electricity, telephone, and cable TV.

**Proposed Development**: The 299 approved rental units will be constructed within five separate 4 story buildings. Of the 299 units 20 will be studios; 156 will be one bedroom units; 107 will be two bedroom units; and 16 will be three bedroom units.

There will be 250 underground/garage parking spaces and 214 surface spaces.

The maximum gross floor area will be 337,884 sq ft.

As part of the development a conservation restriction will be imposed on 7.91 acres of the site, consisting mainly of the wetlands.

Site plans, topo plans, flood maps, and plans for the proposed development can be found in the Addenda to this report.

## **Consideration of Hazardous Substances in the Appraisal Process**

Although no specific geotechnical engineering data has been provided, it is our assumption that the property is free and clear of any hazardous wastes or contaminating substances, as specified in applicable municipal, state and federal regulations or laws. In the event that this is not the case, the value as estimated herein may vary to the extent of contamination and the cost of cleanup.

As of March 29, 2011, the subject property is not included as either a contaminated site or a location to be investigated by the Bureau of Waste Site Cleanup of the Department of Environmental Protection, Commonwealth of Massachusetts. It is our assumption in this report, therefore, that the subject site is not a contaminated site. However, if the subject site is found to be contaminated, the value estimate contained herein will change.

#### Zoning

The subject is located in the *Apartment House-Belmont Uplands* zoning district of the Town of Belmont. Attached, multi family housing is allowed within this district. However, the Comprehensive Permit issued under Chapter 40B overrides all local zoning use and dimensional requirements. The proposed use is legal and conforming according to the by-laws of Chapter 40B of the general laws of the Commonwealth of Massachusetts.

# **HIGHEST AND BEST USE**

The Dictionary of Real Estate Appraisal, Fifth Edition defines highest and best use as "the reasonably probable and legal use of vacant land or an improved property, which is physically possible, appropriately supported, financially feasible and results in the highest value. The four criteria the highest and best use must meet are legal permissibility, physical possibility, financial feasibility and maximum profitability."

Given the current favorable market conditions in the rental housing market, and the lack of favorable conditions in virtually all other sectors of the real estate development markets, it is our opinion that the highest and best use of the subject property is for the 299 unit rental housing development on site as proposed and approved.

Belmont has not had development of new market rate rental housing of over 25 units in the past 30+years. It is a desirable place to live, yet the existing rental housing stock is primarily within wood frame two and three unit structures along with a handful of 40+ year old brick, garden style complexes. A rental development on the subject site would benefit from a Belmont address, but have all the conveniences of urban living with the location near the Alewife T Station, major highways, and office parks.

### **VALUATION**

In order to estimate the value of the 15.6 acre site approved for 299 units of rental housing the Sales Comparison Approach has been utilized. Because the subject is vacant land which produces no measurable income, neither the Cost Approach nor Income Approach were applicable.

The Sales Comparison Approach is based upon the principle of substitution, that is, when a property is replaceable in the market, its value tends to be set at the cost of acquiring an equally desirable substitute property assuming no costly delay in making the substitution. Since few properties are ever identical, the necessary adjustments for differences between comparable properties and the subject property are to a certain extent a function of the appraisers experience and judgment.

A search for sale of sites purchased for rental housing development was conducted in Greater Boston from the present dating back approximately 36 months for comparison to the subject. Due to a lack of sales similar in size to the subject, the search period was extended slightly beyond this time frame.

The following are details on 7 comparables that are considered most similar to the subject of the 12-15 initially reviewed, followed by a comparison grid.

## Pending Land Sale No. 1



## **Property Identification**

Record ID 929

Property Type Residential Land, Multi Family Development Site

Address 30-50 Mill Street, Arlington, Middlesex County, Massachusetts 02474

Sale Data

Grantor Cambridge Savings Bank

Grantee Wood Partners
Closing Date May 01, 2011
Property Rights Fee simple
Marketing Time 3 months
Conditions of Sale Arms length
Financing Cash or equivalent

Sale History No prior sale of property in previous 60 months

#### Pending Land Sale No. 1 (Cont.)

**Verification** Seller; Cambridge Savings; Confirmed by Christopher Bowler

Contract Price \$5,250,000 Cash Equivalent \$5,250,000

**Land Data** 

ZoningB2A, BusinessTopographyGenerally levelUtilitiesAll available

**Shape** Generally rectangular **Flood Info** Abuts, but not in flood zone

**Land Size Information** 

Gross Land Size 3.870 Acres or 168,577 SF

Planned Units 116

Front Footage 80 ft Total Frontage: 80 ft Mill Street

**Indicators** 

Sale Price/Gross Acre\$1,356,589Sale Price/Gross SF\$31.14Sale Price/Planned Unit\$45,259Sale Price/Front Foot\$65,625

#### Remarks

Pending sale of the former Brighams headquarters off of Mill Street abutting the Arlington High School campus. Site went under agreement in 12/09. A 56,200 sq ft block building will need to be razed to allow for development. Approvals received in mid March 2011 for a 5 story, 116 unit garden style apartment complex along with a 16,000 sq ft retail/office building. Of the 116 units, 17 must be designated as affordable. Building will contain ground level parking garage. Buyer paid cost of gaining approvals. Buyer allocated \$30 per sq ft of allowed floor area, or \$480,000 to the approved retail building portion of the purchase.

#### Land Sale No. 2



**Property Identification** 

Record ID 930

Property Type Residential Land, Multi Family Development Site

Address 100 River's Edge Drive, Medford, Middlesex County, Massachusetts

02155

Sale Data

**Grantor** PL 100 Rivers Edge Drive **Grantee** Residences at Rivers Edge, LLC

Sale DateApril 16, 2008Deed Book/Page510040/531Property RightsFee simpleConditions of SaleArms lengthFinancingCash or equivalent

**Sale History** Seller bought site same day for \$10,118,275

**Verification** Buyer; Criterion Development; 781-890-5600, Confirmed by

Christopher Bowler

 Sale Price
 \$13,291,500

 Cash Equivalent
 \$13,291,500

**Land Data** 

ZoningC, CommercialTopographyGenerally levelUtilitiesAll availableShapeIrregular

**Fencing** Abuts, but no in flood zone

**Land Size Information** 

Gross Land Size 3.690 Acres or 160,736 SF

Allowable Units 222

Front Footage 250 ft Total Frontage: 250 ft Rivers Edge

## Land Sale No. 2 (Cont.)

#### **Indicators**

Sale Price/Gross Acre\$3,602,033Sale Price/Gross SF\$82.69Sale Price/Allowable Unit\$59,872Sale Price/Front Foot\$53,166

# Remarks

Sale of a site fully approved for a 222 unit garden style apartment building. Site is located closed to the Wellington MBTA train station and abuts the Malden River. Seller closed on the site on the same day for \$10,118,275. Seller had gone through the time and expense of gaining approvals for the development and then sold off site with approvals in hand to Criterion Development for \$13,291,500. Difference in price suggests a premium of 31% for the site with approvals in hand. May be overstated since the \$10.118 price was negotiated several years back.

#### Land Sale No. 3



**Property Identification** 

Record ID 723

**Property Type** Residential Land, Multi Family Development Site

Address 5 Chrysler Road, Natick, Middlesex - South County, Massachusetts

Sale Data

Grantor Gateside Natick LLC, GBR Chrysler Rd LLC

**Grantee** Chrysler Apartments LLC

Sale Date January 14, 2008

Deed Book/Page50592/1Recorded Plat17/5FProperty RightsFee simpleConditions of SaleArms length

Financing Conventional; 50% ltv from Webster Bank Sale History No prior sale in previous 36 months

**Verification** Seller - Josh Katzen; Confirmed by Christopher Bowler

 Sale Price
 \$12,500,000

 Cash Equivalent
 \$12,500,000

**Land Data** 

**Zoning** I2, Industrial

**Topography** Generally level, but slopes to the rear

Utilities All available
Shape Irregular

**Fencing** Not in designated flood zone

**Land Size Information** 

Gross Land Size 6.460 Acres or 281,398 SF

**Useable Land Size** 5.740 Acres or 250,034 SF, 88.85%

Planned Units 404

Front Footage 708 ft Chrysler Road

#### Land Sale No. 3 (Cont.)

#### **Indicators**

Sale Price/Gross Acre\$1,934,985 ActualSale Price/Gross SF\$44.42 ActualSale Price/Useable Acre\$2,177,700 ActualSale Price/Useable SF\$49.99 ActualSale Price/Planned Unit\$30,941 Actual

# Remarks

Generally level site at the end of Chrysler Road in Natick, just in off of Speen Street. Access to the Mass Pike is 1 mile north; Route 9 is 1/2 mile south. Across Street is the expanded Natick Mall complex. This site purchased with preliminary approvals in hand for two, 11 story buildings that will each contain 202 apartment units for a total of 404. An existing 89,000+ sq ft industrial building will be razed as part of the development. Approvals will require a 25% affordable requirement. Buyer to finish the approval process. Development will require partial structured parking.

## Land Sale No. 4



**Property Identification** 

Record ID 724

Property Type Residential Land, Multi Family Development Site

Address Canton Street, Randolph, Norfolk County, Massachusetts 02368

Sale Data

Grantor Randolph Property Holding LLC

Grantee Avalon Blue Hills Inc.
Sale Date September 14, 2007

Deed Book/Page25164/32Property RightsFee simpleConditions of SaleArms lengthFinancingCash sale

**Sale History** No prior sale in previous 36 months

**Verification** Buyer - Avalon Bay Communities; Confirmed by Christopher Bowler

 Sale Price
 \$11,000,000

 Cash Equivalent
 \$11,000,000

**Land Data** 

ZoningR, ResidentialTopographyRollingUtilitiesAll availableShapeIrregular

Flood Info Not located in designated flood zone

**Land Size Information** 

**Gross Land Size** 23.200 Acres or 1,010,592 SF

**Useable Land Size** 18.000 Acres or 784,080 SF, 77.59%

Planned Units 276

Front Footage 1281 ft Total Frontage: 1281 ft Canton

## Land Sale No. 4 (Cont.)

#### **Indicators**

Sale Price/Gross Acre\$474,138 ActualSale Price/Gross SF\$10.88 ActualSale Price/Useable Acre\$611,111 ActualSale Price/Useable SF\$14.03 ActualSale Price/Planned Unit\$39,855 ActualSale Price/Front Foot\$8,587 Actual

## **Remarks**

Site located south of Canton Street just west of the Route 24 intersection. Site purchased, and price based upon, all approvals in place. Construction set to begin March of 2008 for "Avalon at Blue Hills". The development does require a 25% affordable component if rents set at 80% of median. If set at 60% of median, the percentage of affordable units can go down to 20%. Units will be in 2 and 3 story, wood frame walk-up structures.

## Pending Land Sale No. 5



**Property Identification** 

Record ID 931

Property Type Residential Land, Multi Family Development Site

Address Summit Drive, Wakefield, Middlesex County, Massachusetts

Sale Data

Grantor Appleton Wakefield Development, LLC

**Grantee** Legacy Park Apartments

Closing Date May 01, 2011
Property Rights Fee simple
Marketing Time 1 year
Conditions of Sale Arms length
Financing Cash or equivalent

**Sale History** No prior sale in previous 60 months

**Verification** Seller; Appleton-Drake; Confirmed by Christopher Bowler

Contract Price \$2,560,000 Cash Equivalent \$2,560,000

**Land Data** 

ZoningResidentialTopographySlopingUtilitiesAll availableShapeElliptical

Flood Info Not in designated flood zone

**Land Size Information** 

Gross Land Size 4.180 Acres or 182,081 SF

Allowable Units 128

Front Footage 118 ft Total Frontage: 118 ft Summit Drive

## Pending Land Sale No. 5 (Cont.)

# **Indicators**

Sale Price/Gross Acre\$612,440Sale Price/Gross SF\$14.06Sale Price/Allowable Unit\$20,000Sale Price/Front Foot\$21,695

# Remarks

Pending sale of a 4.18 acre site adjacent to an I-95 off ramp and the Reading town line. Abuts an existing condo complex. Site is sloping and has difficult access issues. This site is selling with approvals in hand for a 128 unit development via Chapter 40B, with a 20 or 25% affordable component depending upon the rent structure of the affordable units. The 3 buildings will require substantial ground level parking garages, greatly increasing the cost of development.

#### Land Sale No. 6



**Property Identification** 

Record ID 803

**Property Type** Multi Family Development Site

Address 400 Technology Center Drive, Stoughton, Norfolk County,

Massachusetts

Sale Data

Grantor TW Conroy LLC/Terence Conroy, Jr.

Grantee Stoughton Residential LLC/Hanover Company

Sale DateMay 15, 2008Deed Book/Page25763/567Recorded Plat106-3Property RightsFee SimpleFinancingCash Sale

Sale History No Sale in previous 60 months

Verification T. Conroy/Conroy Dev.; Other sources: Comps/Assessor/Deed,

Confirmed by Richard Bernklow

 Sale Price
 \$7,979,460

 Cash Equivalent
 \$7,979,460

**Land Data** 

**Zoning** Highway Business, Industrial

TopographyMostly LevelUtilitiesAll PublicDimensionsIrregularShapeIrregular

**Land Size Information** 

Gross Land Size 13.080 Acres or 569,765 SF

Allowable Units 240

## Land Sale No. 6 (Cont.)

# **Indicators**

Sale Price/Gross Acre\$610,050Sale Price/Gross SF\$14.00Sale Price/ Unit\$33,248

#### Remarks

This is an apartment site located in the Stoughton Technology Center. The property received a 40B Comprehensive permit for creation of 240 apartments with 180 market rate and 60 affordable. The seller paid for all costs of the approvals and the sales price reflects the price per unit along with reimbursed costs. The project was proposed for development in 2006 and received approval in 2007 (Bk 25605, Pg 59). The site was considered for a cinema complex in the late 1990's, but was restricted from any cinema use by 2001 agreement.

## Land Sale No. 7



**Property Identification** 

Record ID 932

Property Type Residential Land, Multi Family Development Site

Address 25 Stagecoach Road, Stoughton, Norfolk County, Massachusetts

Sale Data

Grantor Stagecoach Road, LLC

Grantee South Wood Alta Indian Woods, LLC

Sale Date February 03, 2010

Deed Book/Page27437/352Property RightsFee simpleConditions of SaleArms lengthFinancingCash or equivalent

Sale History No prior sale in previous 60 months

**Verification** Buyer; Wood Partners; Confirmed by Christopher Bowler

 Sale Price
 \$3,900,000

 Cash Equivalent
 \$3,900,000

**Land Data** 

**Zoning** GB and RC, General Business

TopographyGentle slopesUtilitiesAll availableShapeIrregular

Flood Info Not in designated flood zone

**Land Size Information** 

Gross Land Size 8.600 Acres or 374,616 SF

Allowable Units 154

## Land Sale No. 7 (Cont.)

# **Indicators**

Sale Price/Gross Acre\$453,488Sale Price/Gross SF\$10.41Sale Price/Allowable Unit\$25,325

# Remarks

Sale of an 8.6 acre site approved for development of a 154 unit apartment complex consisting of 3, four story garden style buildings. Located off of Route 128 in mixed use commercial, residential area. There is a 25% affordable requirement per the Chapter 40B approvals that allow for the 154 units.

Date of Valuation Market Conditions Adjustment	29-Mar-11 -3%	(annualizad)						
ADDRESS CITY/TOWN	<u>SUBJECT</u> 1,37 Acom Park Road Belmont, Cambridge	COMP 1 30-50 Mill Street Arlington	COMP 2 100 Rivers Edge Medford	COMP 3 5 Chrysler Rd Natick	CoMP 4 Canton St Randolph	COMP 5 Summit Dr Wakefield	COMP 6 400 Tech Dr Stoughton	COMP 7 25 Stagecoach Stoughton
PURCHASE PRICE (adjusted for Improvements contr.) REAL PROPERTY RIGHTS CONVEYED Adjustment	nts contr.) Fee Simple	\$5,250,000 Similar	\$13,291,500 Similar	\$12,500,000 Similar	\$11,000,000 Similar	\$2,560,000 Similar	\$7,976,460 Similar	\$3,900,000 Similar
Adjusted Price FINANCING TERMS Adjustment		CASH OR EQU.	CASH OR EQU.	CASH OR EQU.	CASH OR EQU.	CASH OR EQU.	CASH OR EQU.	CASH OR EQU.
Adjusted Price CONDITIONS OF SALE Adjustment		includes Retail Bid (\$480,000)	Arms Length 0%	Arms Length 0%	Arms Length 0%	Arms Length 0%	Arms Length 0%	Arms Length 0%
Adjusted Price SALE DATE/MARKET CONDITIONS	29-Mar-11	\$4,770,000 PENDING	\$13,291,500 16-Apr-08	\$12,500,000 14-Jan-08	\$11,000,000 14-Sep-07	\$2,560,000 PENDING	\$7,979,460 15-May-08	\$3,900,000 3-Feb-10
Adjusted Pitce SIZE OF PARCEL (units allowed) PRICE PER ALLOWED UNIT	289.0	\$4,770,000 116.0 \$41,121	\$12,114,671 222.0 \$54,671	\$11,297,682 404.0 \$27,965	\$9,831,634 276.0 \$35,622	\$2,560,000 128.0 \$20,000	\$7,291,983 240.0 \$30,383	\$3,765,681 154,0 \$24,462
LOCATION SOLD WITH APPROVALS? UTILITIES AVAILABLE STRUCTURED PARKING REQUIRED? ADVERSE SITE CONDITIONS SIZE (# of units, scope of development) OVERALL COMPARISON TO SUBJECT	Good Approvals in Place All available Yes Wetlands, flood plain 299 units, large	Slightly Inferior No, Inferior Similar Yes, Similar Demo Required, Sim 116 units, sm, Superior Slightly Inferior	Similar Yes, Similar Similar Yes, Similar None, Superior 222 units, Similar Slightty Superior	Slightly Inferior No, Inferior Similar Yes, Similar Demo Required, Sim 404 units, Similar	-	Inferior     Inferior     Inferior       Yes, Similar     Yes, Similar     Yes, Similar       Similar     Similar     Similar       No, Superior     Yes, Ext, Inferior     No, Superior       Wetlands, Similar     Slope, Inferior     None, Superior       276 units, Similar     128 units, sm, Superior     240 units, Similar     154 units, sm, Superior       Inferior     Inferior     Inferior	Inferior Yes, Similar Similar No, Superior None, Superior 1.240 units, Similar 1.	Inferior Yes, Similar Similar No, Superior None, Superior S4 units, sm, Superior

**Sales Data Analysis** – The 7 sales analyzed and researched were compared to the subject on a price per allowed/approved unit basis as shown on the preceding grid. This is the most common unit of comparison between buyers and sellers of this type of land in the area.

With each sale the property rights sold were the fee simple rights. As we are estimating the same, no adjustments were required in this category.

In terms of financing all sales were purchased with either cash or market rate financing. No below or above market seller financing was involved.

In terms of conditions of sale, all were 'arm's length' and required no adjustments for this. However, Comparable #1 was sold not only with the approval for 116 rental units, but also the approval for a 16,000 sq ft retail/office building. The buyer reported that they allocated \$30 per sq ft of allowed area for this component, meaning \$480,000 was attributable to this component of the sale. Since we want to isolate what is paid for just the residential rental apartment site component, the \$480,000 was deducted from the sale price.

As for market conditions, adjustments to the sales are definitely needed. Referencing the MIT/CRE index, prices for apartment properties have declined a total of 14% over the past five years, which generally includes the time frame in which all of the comparable sales occurred. This amounts to approximately -3% per year, which is what we have used for a market condition/time adjustment for this analysis.

After making the market conditions adjustment and the one adjustment to comparable #1 for conditions of sale, categories considered for comparison to the subject were:

Location
Approval Status
Utilities Available
Structured Parking Required
Adverse Site Conditions
Size and Scope of the Development Parcel

The comparison to the subject via these categories will be completed using a *qualitative* analysis. This is appropriate here because the sales did not allow for specific *quantitative* adjustments to be derived.

The prices per allowed unit, adjusted for market conditions, ranged from \$20,000 to \$54,571.

In terms of *location*, the subject is considered 'good'. It has a Belmont address and convenience to major roadways, public transportation and employment centers. Comparable #2, located on the banks of the Malden River, was similar in location. All other sales were inferior to a degree in terms of location when compared to the subject.

With the subject property and the extraordinary assumption used in this report, all approvals are in place. This is significant. Consider that Sale #2 sold for over a 30% premium over the price paid for the site with no approvals in place. Comparables #2, #4, #5, #6, and #7 sold with approvals in place. Comparables #1 and #3 did not.

For the *utilities available* category the comparables and the subject were all similar.

A development requiring *structured parking* is more expensive to develop than a similar project that does not, all other items held equal. When the cost of improvements is higher, the price paid for the land will generally be lower. Of the 7 sales, #4, #6, and #7 did not require structured parking. The remainder did. However, #5 required extensive structured parking, with two of the buildings requiring multiple floor parking garages due to the slope of the site. This will increase costs drastically. It is for this reason primarily that #5 sold at the lowest per unit.

In terms of *adverse site conditions* that may increase the cost of construction, and thus reduce the value of the land, the subject has on site and abuts extensive wetlands. Low elevations will require the construction of a sewer pump station. Connection to the Belmont sewer system will cost \$382,500 in mitigation fees alone or nearly \$1,300 per unit. Comparable sites either had no adverse conditions or similar items, such as the requirement to demolition existing commercial buildings.

Finally, *size* is considered. Larger sites in terms of # of allowed units, tend to sell for less on a per allowed unit basis than similar sites that are simply smaller. The inverse is also true. A site with 400 allowed units will most often sell for less on a per allowed unit basis than a smaller site next door that is only approved for 100 units if all other factors are held equal.

From this qualitative analysis we have a 'bracket' within which the subject per acre value must fall. It must be higher than the \$41,121 indicated by the highest of the comparables rated 'slightly inferior' to the subject. Conversely, the lowest per acre price from a comparable that is superior to the subject is \$54,571 (Comp #2). Therefore the price per allowed unit should fall between \$41,121 and \$54,571.

#### Summary

Based upon an analysis of these sales and the factors discussed above, it is our opinion that an appropriate indicator for the 15.6 acre subject property is \$45,000 per allowed unit. Thus, the indicator for the subject property via the Sales Comparison Approach, as of March 29, 2011, is as follows:

# of Allowed Rental Units 299 x \$ 45,000 = \$ 13,455,000 ROUNDED \$ 13,500,000

### **RECONCILIATION**

The final step in estimating the market value of the subject property is a correlation of the value from each of the approaches utilized in the appraisal process. In order to estimate the value of the 15.6 acre subject property a Sales Comparison Approach has been utilized. Because the subject is essentially vacant land which produces no measurable income, neither the Cost Approach nor Income Approach were applicable.

The Sales Comparison Analysis presented in this report is considered a reliable indicator of the market value of the property. Seven comparables, all of which were sold for development of residential apartment complexes were compared to the subject on a price per allowed unit basis. Each sale was adjusted for market conditions. We then completed a qualitative analysis comparing the comparables to the subject for location, approval status, structured parking requirements, adverse site conditions, and size. After analysis, we deemed \$45,000 per allowed rental unit as a reasonable indication for the subject property. The value estimate via this approach was \$13,500,000.

Based upon the analysis and conclusions presented in this report, and the extraordinary assumption cited earlier, it is our opinion that the market value of the subject property, as of March 29, 2011, is:

THIRTEEN MILLION FIVE HUNDRED THOUSAND (\$13,500,000) DOLLARS

### **CERTIFICATION OF VALUE**

We certify that, to the best of our knowledge and belief,...

- the statements of fact contained in this report are true and correct.
- the reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and are our personal unbiased professional analyses, opinions, and conclusions.
- we have no present or prospective interest in the property that is the subject of this report, and we have no personal interest or bias with respect to the parties involved.
- our compensation is not contingent on an action or event resulting from the analyses, opinions, or conclusions in, or the use of this report.
- our analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the requirements of the Code of Professional Ethics and the Standards of Professional Practice of the Appraisal Institute.
- the use of this report is subject to the requirements of the Appraisal Institute relating to review by its duly authorized representatives.
- Mr. Bowler and Mr. Avery are currently certified under the voluntary continuing education program of the Appraisal Institute.
- Christopher H. Bowler, MAI, SRA made a personal inspection of the property that is the subject of this report. Jonathan H. Avery, MAI, CRE did not personally inspect the property.
- no one provided significant professional assistance to the persons signing this report.
- the appraisal assignment was not based on a requested minimum valuation, a specific valuation, or the approval of a loan.

This appraisal has been completed using the following *extraordinary assumption*:

• The estimated value of the property is based upon the *extraordinary assumption* that all pending appeals of the approvals that have been issued thus far will be settled within the coming weeks and that a building permit allowing for the 299 unit rental development will be issued at this time.

Based upon the data presented in this report, it is our opinion that the market value of the fee simple interest in the subject property, subject to the definitions, limiting conditions and certifications set forth in the attached report, as of March 29, 2011, is:

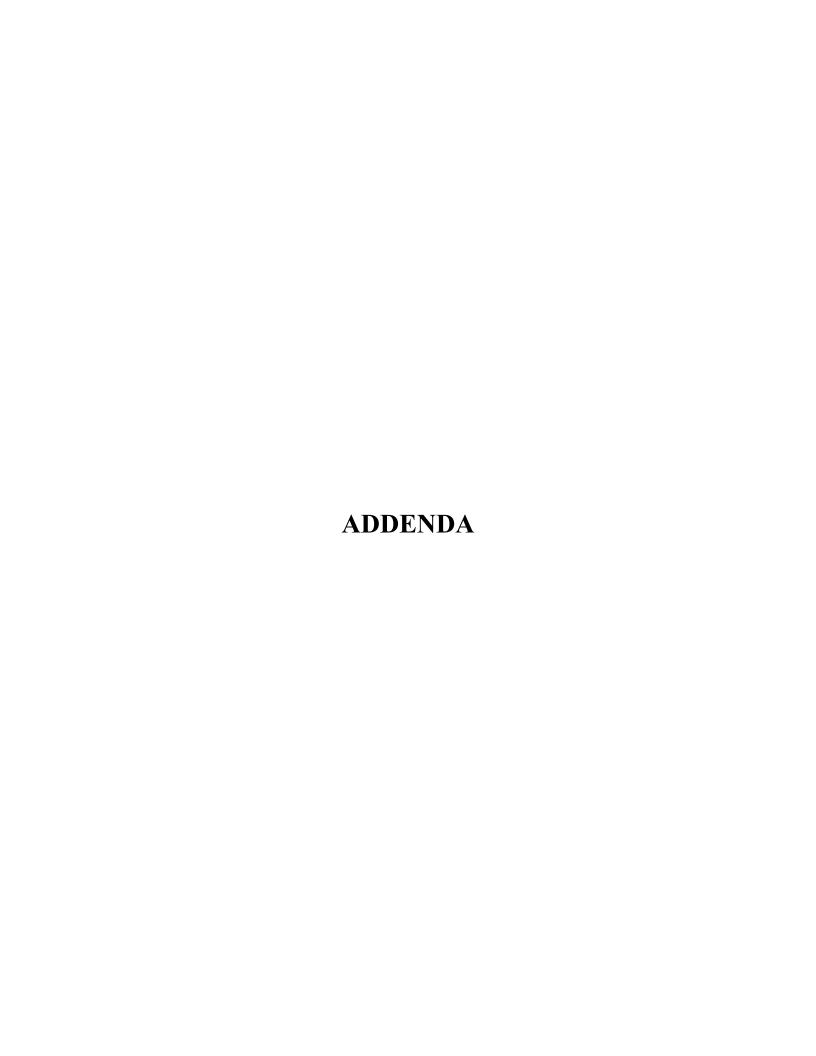
THIRTEEN MILLION FIVE HUNDRED THOUSAND (\$13,500,000) DOLLARS

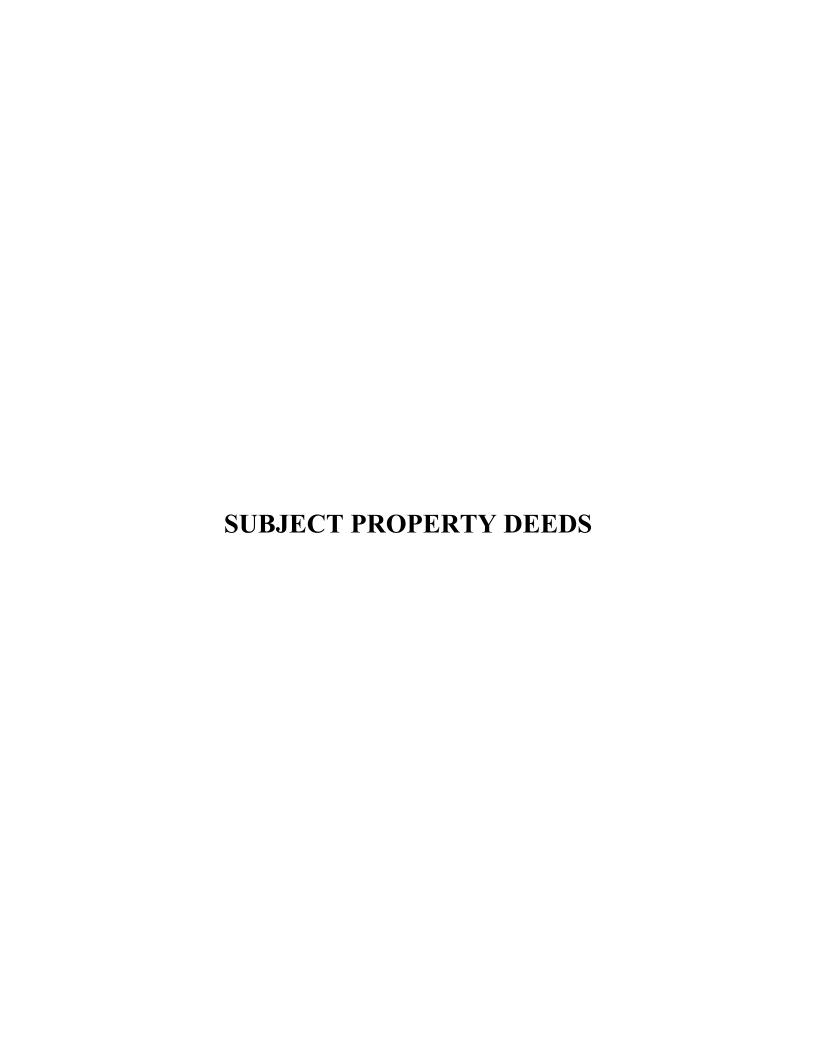
Christopher H. Bowler, MAI, SRA Massachusetts Certified General

Real Estate Appraiser #495

Jonathan H. Avery, MAI, CRE Massachusetts Certified General Real Estate Appraiser #26

Jonathan H. Avery





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M, 278000 P. DB 1970 - 118

### **OUITCLAIM DEED**

Arthur D. Little Real Estate Corporation, a Delaware corporation, of Cambridge, Middlesex County, Massachusetts, successor-by-merger to Acorn Properties, Inc., a Massachusetts corporation (see Certificate of Merger filed with Middlesex South Registry District of the Land Court as Document No. 735435 and with Middlesex South Registry of Deeds in Book 18741, Page 7), for consideration paid and in full consideration of Sixteen Million Eight Hundred Fifty-nine Thousand Seven Hundred Thirty-five Dollars (\$16,859,735.00), grants to AP Cambridge Partners, LLC, a Delaware limited liability company, having an address of 395 Arsenal Street, Watertown, Massachusetts 02472, with Quitclaim Covenants, the following described premises:

Nine parcels of land, with any buildings or improvements thereon, situated in Cambridge and Arlington, Middlesex County, Massachusetts (the "Premises") all as more fully described on Exhibit A attached hereto and made a part hereof, being shown as Lots 1, 2, 3, 4, 7, 12, 13, 14, and 15, on a plan entitled "Plan of Land in Arlington, Belmont and Cambridge, Massachusetts, prepared for Arthur D. Little, Inc. by Boston Survey Consultants" dated October 31, 1978, recorded with Middlesex South District Deeds at the end of Book 13674 (referred to in said Exhibit A as the "Master Plan").

For Grantor's title to Parcels 1 and 2 see deed to Acorn Properties, Inc. dated November 10, 1978 recorded with said Deeds in Book 13581, Page 194; for Grantor's title to Parcels 3 and 4 see Certificate of Title No. 156651 in Registration Book 913, Page 101 at Middlesex South Registry District of the Land Court; for Grantor's title to Parcel 5 see deed to Acorn Properties, Inc. dated November 10, 1978 recorded with said Deeds in Book 13581, Page 202; for Grantor's title to Parcel 6 see deed to Acorn Properties, Inc. dated November 10, 1978 recorded with said Deeds in Book 13581, Page 209; for Grantor's title to Parcels 10 and 12 see deed from Metropolitan Life Insurance Company dated July 22, 1997 recorded with said Deeds in Book 27506, Page 106; and for Grantor's title to Parcel 11 see Certificate of Title No. 208889 in Registration Book 1174, Page 139.

The Premises are conveyed subject to, and as the case may be, with the benefit of the rights, easements, covenants, agreements, restrictions, reservations, orders and takings set forth or referred to in the Deeds and the Certificate of Title referenced in the preceding paragraph, all insofar as the same are now in force and applicable.

The Premises are also conveyed subject to two Orders of the City Council of Cambridge relating to Acorn Park, one dated June 27, 1960 recorded with said Deeds in Book 9626, Page 13 and one dated March 13, 1961 recorded with said Deeds in Book 9774, Page 547; to a Zoning Decision by the City of Cambridge, Board of Zoning Appeal, Notice of which is dated June 13, 1990 recorded with said Deeds in

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Book 20595, Page 391; and to a Zoning Decision by the City of Cambridge Board of Zoning Appeals, Case No. 6301, Notice of which is dated September 16, 1991 recorded with said Deeds in Book 21415, Page 563.

Grantor hereby certifies that the Premises together with the premises conveyed by Grantor to AP Cambridge Partners II, LLC by deed of even delivery and filed for registration and recorded herewith constitute all or substantially all of the assets of Grantor located within the Commonwealth of Massachusetts.

IN WITNESS WHEREOF, Arthur D. Little Real Estate Corporation has caused this Deed to be executed by its Surehor \_\_\_\_\_\_ on this 246 day of \_\_\_\_\_\_ 1999.

Arthur D. Little Real Estate Corporation

Stamps in the amount is 176,881.60 attached to deplicate original in Registered Cand.

Hereunto duly authorized

### Commonwealth of Massachusetts

Suffolk, ss.

June 24 1999

Notary Public

My Commission Expires: 7-7-2000

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### EXHIBIT A

### Lots 1, 2, 3, and 4

Four contiguous parcels of land in Cambridge, Arlington (the last two being registered land) situated on the Northerly side of said Acorn Park bounded and described as follows:

### Parcel 1

by Acorn Park by three lines measuring respectively 121.70 feet, 205.26 feet and 98.84 feet; SOUTHERLY WESTERLY by land of Marshall B. Dalton and others, Trustees, 193.45 feet; by Lot Y4 as shown on the plan hereinafter mentioned by two lines measuring respectively 119 feet and 15.48 feet; NORTHERLY NORTHEASTERLY 45.38 feet: NORTEWESTERLY

again, 295.58 feet, said last two lines being along land of Marshall B. Dalton and others, Trustees, shown on said plan as a parcel containing 7,001 square feet, and being the Parcel 2 herein described;

again, by Lot 337 as shown on said plan, 37.27 feet; and NORTHERLY by land now or late of New England Mutual Life insurance Company, 329.27 feet. EASTERLY

Said parcel is shown on a "Plan of Land in Cambridge and Arlington, Massachusetts", dated May. 13, 1956, by William S. Crocker, Inc., Civil Engineers, recorded with said Deeds as Plan No. 251 of 1957, in Book 8915, Page 81, and the same contains according to said Plan 119,627 square feet.

### Parcel 2

SOUTHWESTERLY 45.38 feet; 295.58 feet; said two lines being along land now of Marshall B. Dalton and others, Trustees, shown on SOUTHEASTERLY said plan as land of West Cambridge Trust, and being the first parcel herein described; by Lot 342 as shown on Land Court Subdivision Plan 4351, being Parcel 3 herein described, by two lines measuring respectively 60.73 feet and 123.34 NORTHERLY feet; NORTHWESTERLY by Lot 340 as shown on Land Court Subdivision Plan 4351, being Parcel 4 herein described, 81.98 feet NORTHWESTERLY, more WESTERLY by Lot X3 as shown on Land Court Subdivision Plan 4351, 64.19 feet;

Said parcel is shown on said plan dated August 17, 1956 as the parcel containing 7001 square feet.

### Parcel 3

NORTHERLY

SOUTHERLY

on land now or late of Bolton, being Lot 341 on Land Court Subdivision Plan 43512, 236.14 feet; by what was known as the Northerly line of Alewife Brook Parkway, being Parcel 2 herein described, by two lines measuring respectively 60.73 feet and

123.34 feet; and
SOUTHWESTERLY by Lot 340 as shown on said Plan, being Parcel 4
herein described, 61.13 feet.

Said parcel is shown as Lot 342 on said Subdivision Plan 43512, filed in the South Registry District of Middlesex County with Certificate of Title No. 97885, comprises the premises described in said Certificate of Title.

### Parcel 4

SOUTHERLY

by what was known as the Northerly line of Alewife Brook Parkway, being Parcel 2 herein described, 81.98 feet;

NORTHWESTERLY by Lots Y3 and Y2 as shown on Plan hereinafter mentioned, 54.61 feet; and NORTHEASTERLY by Lot 339 on said Plan, a portion of which comprises Parcel 3 herein described, 61.13 feet.

Said parcel is shown as Lot 340 on Subdivision Plan 4351Y filed in said Registry District with Certificate of Title No. 93873, and comprises the premises described in said Certificate of Title.

The aforesaid four contiguous parcels are shown as Lot I containing 119,627± square feet; Lot 2 containing 7,001± square feet; Lot 3 containing 2,912± square feet; and Lot 4 containing 1,634± square feet respectively on the Master Plan.

### Lot 7

### Parcel 5

A certain parcel of land situated on the Southerly and Easterly sides of Acorn Park and at the Southeasterly corner of Acorn Park and Concord Turnpike, partly in Cambridge and partly in Arlington, both in Middlesex County, Massachusetts, with the buildings thereon situated and bounded and described as follows:

NORTHERLY by Acorn Park by three lines measuring respectively

39.65 feet, 209.61 feet, and 289.04 feet; by said Acorn Park by two lines measuring respectively 309.53 feet and 63.35 feet; WESTERLY

on the junction of Acorn Park and Concord Turnpike by a curved line having a radius of 30 feet, 50.79 feet; NORTHWESTERLY

again, on Concord Turnpike 39.67 feet; NORTHERLY

SOUTHERLY by land of the Commonwealth of Massachusetts,

66.17 feet;

EASTERLY

by the same land by two lines measuring respectively about 390 feet and 225.70 feet; again, by the same land, by three lines measuring

SOUTHERLY

respectively 239.60 feet, 282.46 feet, and 58.57

feet.

again, by land now or late of Kingman and others, Trustees, 113.12 feet; WESTERLY

NORTHERLY again, by land now or late of New England Mutual

Life Insurance Company, 159.96 feet; and again, by the same land, 125 feet.

WESTERLY

Said premises comprise a portion of the premises shown on the following three plans; one dated May 4, 1953, by William S. Crocker, Civil engineer, recorded with Middlesex South District Deeds, Book 8110, Page 322, as Plan #1334 of 1953; one dated August 17, 1956, by William S. Crocker, Inc., Civil Engineers, recorded with said Deeds, Book 8915, Page 81, as Plan #251 of 1957; and one dated December 10, 1959, by William S. Crocker, Inc., recorded with said Deeds, Book 9608, Page 81, as Plan #843 of 1960, and said premises contains to said plans about of 1960, and said premises contain according to said plans about 125,497 square feet.

The aforesaid parcel is shown as Lot 7 containing 125,504t square feet on the Master Plan.

### Lot 12

### Parcel 6

A certain parcel of land with the buildings thereon situated on the Northerly side of Acorn Park, in Cambridge, Middlesex County, Massachusetts, bounded and described as follows:

SOUTHERLY

by Acorn Park by two lines measuring respectively 52.86 feet and 77.15 feet; by land of New England Mutual Life Insurance

WESTERLY

Company 126.34 feet;

NORTHERLY EASTERLY

by the same land, 130 feet; and by the same land, 125 feet.

Said premises are shown on a plan marked "Plan of land in Cambridge, Mass." dated Dec. 10, 1959, Revised Feb. 26, 1960, by William S. Crocker, Inc." recorded with Middlesex South District Deeds, Book 9608, Page 67, and contain according to said plan, 16,285 square feet.

The aforesaid parcel is shown as Lot 12 containing 16,285± square feet on the Kaster Plan.

### Lots 13, 14, and 15

### Parcel 10

A certain parcel of land with the buildings thereon situated on Concord Turnpike and on Acorn Park, partly in Cambridge and partly in Arlington, both Middlesex County, Massachusetts, bounded and described as follows:

NORTHERLY on Concord Turnpike, 1.83 feet; NORTHEASTERLY on the junction of Concord Turnpike and Acorn Park

by a curved line having a radius of 30 feet

measuring 43.45 feet;

EASTERLY

on Acorn Park 327.96 feet;

SOUTHEASTERLY on the same by a curved line having a radius of

30 feet measuring 39.41 feet;

SOUTHERLY

on the same 323.47 feet;

WESTERLY

on other land of Gerald W. Blakeley, Jr. et als

NORTHERLY

Trustees, 329.27 feet; on registered land of Marshall B. Dalton and others, Trustees, being Lot 337 as shown on Land Court Subdivision Plan 4351W and a part of Lot F as shown on Land Court Subdivision Plan 4351L, by two lines measuring respectively 336.51 feet and

WESTERLY

99.75 feet; and on the same land 43.45 feet.

Said parcel is shown on a plan designated "West Cambridge Industrial Center, Arlington and Cambridge, Mass." dated May 4, 1953, by William S. Crocker, Civil Engineer, recorded with said Deeds in Book 8110; Page 322, as Plan No. 1334 of 1953, and contains according to said plan 135,000 square feet.

Excluded from said ParcellO hereinabove described is a certain parcel of land with the buildings thereon situated on the Southerly side of Acorn Park, in Cambridge, Middlesex County, Massachusetts, bounded and described as follows:

SOUTHERLY

by Acorn Park by two lines measuring respectively 52.86 feet and 77.15 feet; by land of New England Mutual Life Insurance

WESTERLY

Company 126.34 feet;

NORTHERLY EASTERLY

by the same land, 130 feet; and by the same land, 125 feet.

Said premises are shown on a plan marked, "Plan of Land in Cambridge, Mass.", dated Dec. 10, 1959, Revised Feb. 26, 1960, by William'S. Crocker, Inc., recorded with Middlesex South District Deeds, Book 9608, Page 67, and contain according to said plan 16,285 square feet.

# Parcel 11 (negestiened land)

A parcel of land with the buildings thereon situated on Concord Turnpike, partly in Arlington and partly in Cambridge both in Middlesex County, Massachusetts, bounded and described as follows:

NORTHEASTERLY

by the Southwesterly line of Concord Turnpike

408.69 feet;

EASTERLY SOUTHERLY by land formerly of Herbert F. Allen and now of New England Mutual Life Insurance Company, 43.45 feet;

by what was formerly the Northerly line of Alewife Brook Parkway, being formerly land of the Commonwealth of Massachusetts and in part land of

said New England Mutual Life Insurance Company and land of Gerald W. Blakeley, Jr. and others Trustees, 473.53 feet; and

NORTHWESTERLY by lot 338 as shown on the plan hereinafter

mentioned 222 feet.

Said parcel is shown as Lot 337 on said plan.

All of said boundaries are determined by the land Court to be located as shown on a subdivision plan, as approved by the Land Court, filed in the Land Registration Office, a copy of which numbered 4351W is filed in the South Registry District of Middlesex County with Certificate of Title No. 81357 in Registration Book 537, Page 7, being the same premises described in Certificate of Title No. 81357 in said Registry District.

### Parcel 12

A parcel of land situated on the Southerly side of Acorn Park in Cambridge, Middlesex County, Massachusetts, bounded and described as follows:

NORTHERLY

by Acorn Park, 160 feet;

EASTERLY

Alex'

SOUTHERLY

WESTERLY

by other land of Marshall B. Dalton et al, Trustees, 125 feet; by the same land 159.96 feet; and by land now or late of Kingman and others, Trustees, 125 feet.

Said premises are shown on a plan marked "Plan of Land in Cambridge, Kass." dated Dec. 10, 1959, by William S. Crocker, Inc. recorded with said Deeds Book 9608, Page 81, as Plan 843 of 1960 and contain 19,189 square feet according to said plan.

The aforesaid three parcels are shown as Lot 13 containing 118,715+ square feet; Lot 14 containing 49,972+ square feet; and Lot 15 containing 19,189+ square feet respectively on the Master

There is included in this conveyance and Grantor grants to AP Cambridge Partners, LLC Grantor's title in and to the fee and soil of that portion of Acorn Park in Arlington lying between Lots 7 and 13 as shown on the Master

### **OUTTCLAIM DEED**

Acorn Properties III, Inc., a Massachusetts corporation, of Cambridge, Middlesex County, Massachusetts for consideration paid and in full consideration of Three Hundred Ninety-six Thousand Eight Hundred Twenty-two Dollars (\$396,822.00), grants to AP Cambridge Partners, LLC, a Delaware limited liability company, having an address of 395 Arsenal Street, Watertown, Massachusetts 02472, with Quitclaim Covenants, the following described premises:

Two parcels of land with any buildings or improvements thereon situated in Cambridge, Middlesex County, Massachusetts (the "Premises") all as more fully described on Exhibit A attached hereto and made a part hereof.

For Grantor's title see Certificate of Title No. 182949, in Registration Book 1044, Page 199.

Grantor hereby certifies that the Premises constitute all or substantially all of the assets of Grantor located within the Commonwealth of Massachusetts.

Massachusetts Excise Tax stamps in the amount of 1,80. x attached to diplacete original in Refistered land.

Acorn Properties III, Inc.

Name: Sanuel J. Grallo

Title: Clerk

Hereunto duly authorized

Commonwealth of Massachusetts

Suffolk, ss.

Jue 24 1999

Then personally appeared the above-named Sanuel J. Gullo as aforesaid and acknowledged the foregoing instrument to be the free act and deed of Acorn Properties III, Inc., before me

Notary Public

My Commission Expires:

7-7-2000

0

\* Dup In Lo Reg

### EXHIBIT A

That certain parcel of land situated in Cambridge in the County of Middlesex, Commonwealth of Massachusetts, bounded and described as follows:

SOUTHEASTERLY by lot F as shown on plan hereinafter mentioned, one hundred and thirty-five feet;

SOUTHWESTERLY, eighty feet, and

SOUTHEASTERLY, fifteen feet, by lot X2 on said plan;

SOUTHWESTERLY by lot Y1 on said plan, ninety feet;

NORTHWESTERLY by lot W on said plan, one hundred and fifty feet; and

NORTHEASTERLY by lots R and Q on said plan, one hundred and seventy feet.

Said parcel is shown as lot X1 on said plan.

All of said boundaries are determined by the Court to be located as shown on a subdivision plan, as approved by the Court, filed in the Land Registration Office, a copy of which is filed in the Registry of Deeds for the South Registry District of Middlesex County in Registration Book 530, Page 158 with Certificate 80108 (Plan 4351V).

Together with the right to use the right of way twenty feet wide and one hundred eighty feet long extending Northwesterly from the said premises to the State Highway as shown on said plan, in common with others entitled thereto, for all purposes for which private ways are commonly used in the City of Cambridge.

Also another certain parcel of land in said Cambridge, bounded and described as follows:

SOUTHWESTERLY by lot Y as shown on plan hereinafter mentioned, seventy and 98/100 feet;

NORTHWESTERLY by lot P on said plan, one hundred and fifty feet;

NORTHEASTERLY by lot R on said plan, seventy and 98/100 feet; and

SOUTHEASTERLY by lot X on said plan, one hundred and fifty feet.

Said parcel is shown as lot W on said plan.

All of said boundaries are determined by the Court to be located as shown on a subdivision plan, as approved by the Court, filed in the Land Registration Office, a copy of which is filed in the Registry of Deeds for the South Registry District of Middlesex County in Registration Book 495, Page 381, with Certificate 74199 (Plan 4351V).

Said lots  $\mathbf{x}^1$  and W are subject to and have the benefit of those matters set forth in Certificate 91043 in Registration Book 585, Page 93, at said Registry District, to the extent the same are still in force and effect.

Said Lot  $X^1$  is also subject to the following matters of record:

- (1) Order by the City of Cambridge dated June 29, 1959 and registered as Document 343901, for a drain and sewer;
- (2) Easement granted to the City of Cambridge dated September 29, 1959 and registered as Document 349600 for a drain or sewer and water pipe; and
- (3) Easement granted to Cambridge Electric Light Company dated July 30, 1959 and registered as Document 350198 for underground conduit and wires.

### **OUITCLAIM DEED**

Acorn Properties IV, Inc., a Massachusetts corporation, of Cambridge, Middlesex County, Massachusetts for consideration paid and in full consideration of Seven Hundred Forty-three Thousand Four Hundred Forty-three Dollars (\$743,443.00), grants to AP Cambridge Partners, LLC, a Delaware limited liability company, having an address of 395 Arsenal Street, Watertown, Massachusetts 02472, with Quitclaim Covenants, the following described premises:

Six parcels of land, with the buildings and improvements thereon, situated in Cambridge, Middlesex County, Massachusetts (the "Premises") all as more fully described on Exhibit A attached hereto and made a part hereof, being shown as Lots 5, 6, 8, 9, 10, and 11 on a plan entitled "Plan of Land in Arlington, Belmont and Cambridge, Massachusetts, prepared for Arthur D. Little, Inc., by Boston Survey Consultants" dated October 31, 1978, recorded with Middlesex South District Deeds at the end of Book 13674 (referred to in said Exhibit A as the "Master Plan").

For Grantor's title to Parcel 1, 2 and 6 described in said Exhibit A, see deed from Arthur D. Little Real Estate Corporation dated June 10, 1988 recorded with said Deeds in Book 19119, Page 375 and for Grantor's title to Parcels 3, 4, and 5 described in Exhibit A see Certificate of Title No. 182951, in Registration Book 1045, Page 1 at Middlesex South Registry District of the Land Court.

The Premises are conveyed subject to a Grant of Easement from Gerald W. Blakely, Jr., et al, Trustees of West Cambridge Trust to Cambridge Electric Light Company and the New England Telephone and Telegraph Company dated May 25, 1953 recorded with said Deeds in Book 8110, Page 321; an Order of the City Council of Cambridge relating to Acorn Park which Order is dated March 13, 1961, recorded with said Deeds in Book 9774, Page 547; an Order of Conditions issued by the Cambridge Conservation Commission Dep. File No. 123-95 recorded in Book 22895, Page 353 and filed as Document 895359, as amended by Amended Order of Conditions recorded in Book 24282, Page 187 and filed as Document 938616 and by Second Amended Order of Conditions recorded in Book 25352, Page 107 and filed as Document No. 973949; an Order of Conditions issued by the Cambridge Conservation Commission Department File No. 123-112 recorded in Book 25803, Page 279, as affected by Certificate of Compliance recorded in Book 28699, Page 162.

\*DUP In Lo Reg

### EXHIBIT A

### Parcel 1

A parcel of land on the Southerly side of Acorn Park (formerly called Burton Street) in said Cambridge shown on Plan of West Cambridge Industrial Center, Arlington and Cambridge, Massachusetts, dated May 4, 1953 by William S. Crocker, Civil Engineer, said Plan being recorded with said Deeds Book 8110, Page 322, bounded and described as follows:

NORTHERLY on Acorn Park (as laid out and shown on said Plan

which layout has since been changed Northerly of

its location on said Plan);

EASTERLY on land of Eugene A. Kingman, et al Trustees 219.72

feet:

SOUTHERLY on land of the Commonwealth of Massachusetts, 91.43

feet; and

WESTERLY on the same 218.82 feet.

Containing according to said Plan, 19,950 feet.

The aforesaid parcel is shown as Lot 5 containing 19,950 $\pm$  square feet on the Master Plan.

### Parcel 2

A parcel of land in said Cambridge bounded and described as follows:

Beginning at a point in the western end of Acorn Park, thence running by a line in Acorn Park as now laid out, south 89° 26' 46" east a distance of 85.15 feet; thence about easterly by a curved line with a radius of 2168.28 feet, by a line in Acorn Park, as now laid out, a distance of 209.61 feet; thence turning and running southwesterly by the southeasterly line of Acorn Park as now laid out and by land now or formerly of Marshall B. Dalton et als, Trustees, a distance of 287.36 feet thence turning and running north 16° 22' 16" west by land now or formerly of the Commonwealth of Massachusetts and the end of Acorn Park as now laid out a distance of 38.10 feet to the point of beginning.

Said parcel is shown on a plan designated "Plan of Land in Cambridge and Arlington, Massachusetts" dated August 17, 1956, by William S. Crocker, Inc., Civil Engineers, recorded with said Deeds, Book 8915, Page 81 and contains according to said Plan, 3,727 square feet.

Excluded, however, from Parcel 2 hereinabove described is a portion which is bounded and described as follows:

A triangular parcel of land situated on the Southerly side of said Acorn Park bounded and described as follows:

SOUTHERLY

NORTHEASTERLY by said Acorn Park, 199.65 feet; southerly by a lot containing 18,016 square feet of land on a plan hereinbelow referred to, being land now or formerly of Marshall B. Dalton et als Trustees,

195.99 feet; and

WESTERLY

by the remainder of the second parcel above described being a lot containing 2,541 square feet shown on the plan hereinafter mentioned, 18.40

feet.

Said parcel is shown on a plan entitled "Plan of Land in Cambridge, Mass." dated Dec. 10, 1959 by William S. Crocker, Inc. recorded with said Deeds Book 9608, Page 81 and containing according to said plan, 1,179 square feet more or less.

The aforesaid parcel is shown as Lot 6 containing 2,541± square feet on the Master Plan.

Four contiguous parcels of land (the first three being registered) situated on the northerly side of said Acorn Park, bounded and described as follows:

### Parcel 3

SOUTHEASTERLY by land now or formerly of The Commonwealth of Massachusetts-Metropolitan District Commission-

Alevife Brook Parkway, 460.82 feet;

SOUTHERLY

by lot 1 as shown on plan hereinafter mentioned

120.64 feet;

WESTERLY

by land now or formerly of Lancaster H. Heustis,

637.31 feet; and

NORTHEASTERLY

by lands now or formerly of First National Stores, Inc. and of Franklin Wyman et al., 712.37 feet.

Said parcel is shown as lot 2 on said plan.

All of said boundaries are determined by the Court to be located as shown on a subdivision plan, as approved by the Court, filed in the Land Registration Office, a copy of which is filed in the Registry of Deeds for the South Registry District of Middlesex County in Registration Book 592, Page 155, with Certificate 92505.

### Parcel 4

SOUTHERLY

by the Northerly line of Alewife Brook Parkway, 134.48 feet;

SOUTHWESTERLY

by land now or formerly of Henry O. Cushman,

111.64 feet;

NORTHWESTERLY by lot P as shown on plan hereinafter mentioned,

57.83 feet; and NORTHEASTERLY by lot Y<sup>3</sup> on said plan, 195.60 feet.

Said parcel is shown as Lot Y4 on said plan.

### Parcel 5

SOUTHERLY by the Northerly line of Alewife Brook Parkway, 64.19 feet;
SOUTHWESTERLY by lot Y4 as shown on said plan hereinafter

mentioned, 195.60 feet;

٠,

NORTHWESTERLY by lot P on said plan, 100 feet;
NORTHEASTERLY by lots W and X<sup>1</sup> on said plan, 160.98 feet;
SOUTHEASTERLY 25 feet; and
NORTHEASTERLY 80 feet, by lot Y<sup>2</sup> on said plan; and
SOUTHEASTERLY by lot 338 on said plan, 29.61 feet.

Said parcel is shown as lot Y3 on said plan.

All of said boundaries are determined by the Court to be located as shown on a subdivision plan, as approved by the Court, filed in the land Registration Office, a copy of which is filed in the Registry of Deeds for the South Registry District of Middlesex County in Registration Book 537, Page 6, with Certificate 81356.

### - Recorded Land Parcel 6

That parcel beginning at a point in Cambridge in the Westerly boundary of land now or late of Gerald W. Blakeley, Jr., et als, Trustees, distant 193.45 feet on bearing south 16° 22' 16" east from the easterly corner of land now or late of Marshall B. Dalton, et als, Trustees (Land Court Case No. 25650);

Thence running north 89° 26' 46" west by land now or formerly of the Commonwealth of Massachusetts a distance of 478.21 feet to land now or late of said Dalton, et als, Trustees;

Then turning and running in a northeasterly direction by a line with a radius of 5453.83 feet, a distance of 383.87 feet to a point;

Thence turning slightly and running north 65° 11' 23" east a distance of 76.95 feet to a point;

Thence turning and running south 16° 22' 16" east, a distance of 193.45 feet to the point of beginning; containing 42,868 square feet according to said plan.

The aforesaid four constituent parcels are shown as Lot 8 containing 198,340± square feet, Lot 9 containing 12,654± square feet, Lot 10 containing 21,051± square feet, and Lot 11 containing 42,868± square feet respectively on the Master Plan.

# MSD 07/02/99 01:16:05 985 25.00 Property address: 243 Concord Turnpike, Cambridge, MA

# MASS. EXCISE TAX:

### **OUITCLAIM DEED**

Acorn Properties II, Inc., a Massachusetts corporation, of Cambridge, Middlesex County, Massachusetts, for consideration paid and in full consideration of Four Hundred Eleven Thousand Three Hundred Eighty-one Dollars (\$411,381.00), grants to AP Cambridge Partners II, LLC, a Delaware limited liability company, having an address of 395 Arsenal Street, Watertown, Massachusetts 02472, with Quitclaim Covenants, the following described premises:

All that certain tract or parcel of land with the improvements thereon lying, situated and being in Middlesex County, Massachusetts and being more particularly described as follows:

A certain parcel of land situated on the State Highway, sometimes called the Concord Turnpike, in said Cambridge, bounded and described as follows:

NORTHEASTERLY on said State Highway, two hundred (200) feet;

NORTHWESTERLY on the boundary line between Cambridge and Belmont,

three hundred and twenty (320) feet more or less;

SOUTHWESTERLY on the brook, two hundred and fifty-three (253) feet

more or less; and

SOUTHEASTERLY on land now or late of Dutchland Farms, Inc., three

hundred and forty (340) feet more or less; containing one and 68/100 (1 68/100) acres and being shown as Lot C on a plan by Fred A. Joyce, Surveyor, dated November 9, 1936, recorded with Middlesex South

District Deeds in Book 6079, Page 253.

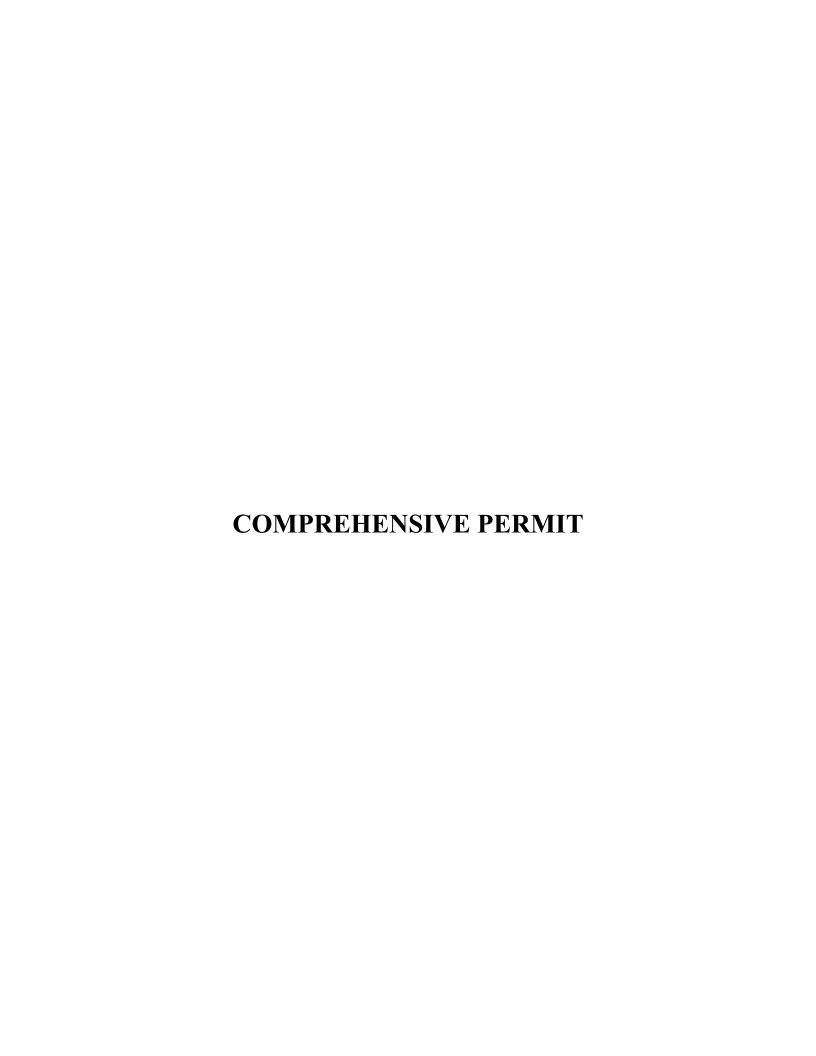
Said premises are conveyed subject to an easement set forth in a grant to Cambridge Electric Light Company dated January 7, 1952 and recorded with said Deeds in Book 7876, Page 77 and to an Order of Conditions issued by the Cambridge Conservation Commission DEP File No. 123-100 recorded on March 31, 1994 in Book 2442, Paragraph 432, insofar as the same are now in force and applicable.

For Grantor's title see deed from Jeffrey T. Guiney, individually and as Trustee, which deed is dated July 18, 1986 and recorded with said Deeds in Book 17221, Page 267.

Grantor hereby certifies that the Premises constitute all or substantially all of the assets of Grantor located within the Commonwealth of Massachusetts.

IN WITNESS WHEREOF, Acorn Proper executed by its	erties II, Inc. has caused this Deed to be on this <u>24th</u> day of June, 1999.
executed by its	
	Acorn Properties II, Inc.
	By: Same: Same J, bailo Title: Clark
	Hereunto duly authorized
Commonwealth of Massachusetts	
Suffolk, ss.	Jule 24, 1999
Then personally appeared the above- aforesaid and acknowledged the foregoing i Acorn Properties II, Inc., before me	named Samuel J. Gallo as nstrument to be the free act and deed of Notary Public My Commission Expires: 7-7-2000
/LaguiC-N/Mias_Longs/Lagui/WPE_DOCS/doort2.orp/	
CAMBRIDGE CAMBRIDGE DEEDS RECAS MIDLE SOUTH	

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RECEIVED TOWN CLERK BELMONT, MA.

### **DECISION**

FEB 16 2 23 PM '07

### TOWN OF BELMONT, MASSACHUSETTS ZONING BOARD OF APPEALS

### DECISION UPON APPLICATION OF AP CAMBRIDGE PARTNERS II, LLC FOR A COMPREHENSIVE PERMIT

### **FEBRUARY 16, 2007**

### PROCEDURAL HISTORY

- 1. On or about December 16, 2005, AP Cambridge Partners II, LLC (the "Applicant"), applied for a Comprehensive Permit, pursuant to Massachusetts General Laws Chapter 40B ("Chapter 40B" or the "Act"), to construct 299 units of rental housing on the west side of Acorn Park Drive in Belmont, Massachusetts (the "Project"). The Project site is within a larger parcel of land containing approximately 12.9 acres in Belmont (the "Property") and an additional 2.7 acres of land in Cambridge, Massachusetts (the "Cambridge Area"). The Property is known as Map 40, Block 1, of the Belmont Assessing Department Records. The Project is identified as "The Residences at Acorn Park" located on the south side of Frontage Road and the west side of Acorn Park Drive in Belmont, Massachusetts.
- 2. The Zoning Board of Appeals (the "Board"), opened a duly advertised public hearing on January 11, 2006 and continued the public hearing to the following dates:

February 15, 2006 September 5, 2006 March 22, 2006 October 4, 2006 May 4, 2006 November 1, 2006 May 31, 2006 December 6, 2006 June 28, 2006 January 3, 2007 July 26, 2006

- 3. On January 3, 2007 the Board closed the Public Hearing and entered into deliberations.
- 4. On January 17, 2007, January 24, 2007, January 30, 2007, February 6, 2007, February 7, 2007, and February 12, 2007 the Board conducted public meetings to deliberate on this application for a Comprehensive Permit (the "Application"). The Applicant granted the Board an extension of time up to 5 P.M. on February 16, 2007 to file a written decision on the Application. On February 16, 2007, the Board voted to grant the Comprehensive Permit subject to the conditions listed below.
- 5. A list of the letters, reports, plans and emails received by the Board and made a part of the record is attached as Attachment B.
  - 6. The Board retained the following consultants to assist in the review of the Application:

Civil Engineering Review:

Fay, Spofford & Thorndike

Burlington, MA

Environmental Review:

Wetlands & Wildlife, Inc.

(sub-contractor to FST)

Ashburnham, MA

MHP Fund:

Michael Jacobs MHJ Associates

(Ch. 40B Advisor)

Brookline, MA

Transportation Review:

**BSC** Group

Boston, MA

7. In addition to having copies of the complete application available for public review at the Belmont Public Library, 336 Concord Avenue and at the Office of Community Development, 19 Moore Street, consistent with the provisions of Chapter 40B, Section 21, the Board notified the following boards, committees, and commissions of the filing of the Application by sending a copy thereof to such local boards for their recommendations, all of which have been made a part of the record of these proceedings and have been taken into consideration by the Board in rendering its decision.

Board of Selectmen
Board of Health
Planning Board
Conservation Commission
Historic District Commission
Fire Department
Police Department
Department of Public Works
Housing Trust
Building Commissioner
Uplands Advisory Committee

### **FINDINGS - GENERAL**

- 1. The Applicant is qualified pursuant to 760 Code of Massachusetts Regulations ("CMR") 31.10 in that the Applicant:
  - a) is or will become a "limited dividend organization" as that term is used in Chapter 40B, Section 21 and 760 CMR 31.01 in that prior to the issuance of a Building Permit it will execute a Regulatory Agreement that shall require the limiting of its profits on this Project to an annual return on equity no greater than 10%.
  - b) has a determination of Project Eligibility (Site Approval) dated February 11, 2005 from MassDevelopment regarding use of the MassDevelopment Tax-Exempt Bond Program for Rental Housing establishing fundability by a subsidizing agency in compliance with 760 CMR 31.01(1)(b).
  - c) has control of the site as that term is used in 760 CMR 31.01 in that a copy of the deed has been provided showing transfer of ownership from Arthur D. Little Real Estate Corporation to the Applicant, dated June 24, 1999, and recorded in Middlesex South District Registry of Deeds at Book 30386, pages 240 243.

- 2. Based on the evidence presented by the Applicant, local boards and officials, various consultants, and interested parties at the Public Hearing, the Board finds as follows:
  - a) The Town of Belmont (the "Town") has not met the statutory minimum set forth in Chapter 40B, Section 20 or 760 CMR 31.04 in that (i) it does not have 10% of its total housing units available to low and moderate income households, (ii) affordable housing is not located on sites comprising 1 ½% or more of the total land area zoned for residential, commercial or industrial use, and (iii) the development of affordable homes consistent with the Application will not result in the commencement of construction of such housing on sites comprising more that 0.3% of such land area or ten (10) acres, whichever is larger, in any one calendar year.
  - b) If the Applicant complies with the conditions set forth in this Decision, and only if it complies with those conditions, the Project will adequately provide for traffic circulation, storm water drainage, sewage disposal, water, open space and the environment without an undue burden on, or a threat to the public health and safety of, the Project's occupants, the surrounding neighborhood, the Town or the Town of Arlington.
  - c) The Project is supported by the evidence and, as conditioned below, (i) would represent a reasonable accommodation of the regional need for low and moderate income housing, and (ii) would be consistent with local needs within the meaning of Chapter 40B, Section 20.

### FINDINGS - SITE SPECIFIC

- 3. The Property was rezoned in 2002 at the Applicant's request from a General Residence Zoning District (two-family residential) to the Belmont Uplands District, a Zoning District that was designed specifically for the Property and consists solely of the Property. In the Belmont Uplands District, only non-residential uses are allowed, particularly, office, research and development, open space, and accessory uses. At the time of the rezoning, the Applicant indicated the intent to construct at the Property a four-story office/lab building with an accessory parking structure.
- 4. As a result of this rezoning, Section 6B was added to the Zoning By-Law of the Town (the "By-Law"). The dimensional regulations of Section 6B were based upon the particular features and conditions of the Property and the Cambridge Area and reflect valid health, safety, environmental, and other local concerns as to the development capacity of the Property and the Cambridge Area.
- 5. In connection with such rezoning, the Applicant and the Town entered into a certain Memorandum of Agreement dated May 28, 2002, and recorded with the Middlesex South District Registry of Deeds in Book 35716, Page 594 (the "MOA"). In consideration of the rezoning, the Applicant agreed in the MOA to a number of conditions, each designed to mitigate the expected consequences of development of the Property. According to the MOA, the obligations of the Applicant under the MOA shall run with the land.
- 6. The Applicant agreed in the MOA to preserve certain portions of the Property and the adjacent land in Cambridge as open space pursuant to a Conservation Restriction and Easement.

Although a metes and bounds legal description of the land subject to such Conservation Restriction may not have been completed, the boundaries of the restricted land were sufficiently established so that the Applicant's engineer could plot them on a plan included in the record of this Application and determine the area of the restricted land.

- 7. The Project encroaches in the southern and western directions into the land shown as restricted under the MOA, which encroachments, given the environmental sensitivity of such land and its proximity to resource areas, the Board finds material. Absent a release by the Town of the land subject to such encroachments, the Board raised the question of the authority of the Applicant to make any use of such land in a manner inconsistent with the Conservation Restriction, such as for any building, parking, or services areas of the Project.
- 8. The dimensional regulations of Section 6B and the conditions of the MOA were an integral part of the rezoning. The Applicant relies upon the rezoning in determining the acquisition value of the Property in its financial projections submitted by the Applicant to the Board.

### FINDINGS - WASTEWATER

- 9. One of the gravest issues presented by the Project is the sewage it will generate in light of the existing sewage problems in the area during storm events. This issue was the subject of a great deal of discussion at the hearings with testimony from the public, the Applicant's consultant, Mr. Sullivan of Rizzo Associates ("Rizzo"), and the peer reviewer, Mr. Gould of Fay, Spofford & Thorndike ("FST"), who is also the Town's consultant on wastewater issues. Rizzo and FST also presented a number of written analyses. As discussed below, the Town sewer system in the adjacent area has adequate capacity to accept the additional flow during ordinary conditions. However, the nearby areas suffer "sewage discharge events" backups in severe storms. Numerous residents, particularly from Oliver Road and Frost Road, testified to backups over the past few years from personal experience. While the Applicant is not responsible for these existing problems, any worsening of the problem due to the Project would increase the exposure of the residents in nearby areas to raw sewage in their homes and pose a severe public health problem.
- 10. The projected average daily flow from the proposed 463-bedroom Project is estimated at approximately 51,000 gallons per day under Title 5 (which assumes 110 gallons per day per bedroom), but both Rizzo and FST agreed that the projected actual average daily flow is approximately half of the Title 5 number, or 25,500 gallons per day. The MOA regarding the rezoning of the Property contemplated a Title 5 average daily flow of 18,375 gallons, so it appears that the Project will generate slightly less than three times the amount of wastewater projected for the Office/R&D project contemplated by Section 6B of the By-Law.
- 11. The Applicant proposes to provide sewer service by the construction of a pump station and a force main along Acorn Park Drive, Frontage Road, Lake Street and Garrison Road. The force main will connect to the Town of Belmont gravity sewer at the intersection of Garrison Road and Gilmore Road. This 8" gravity sewer flows from Gilmore Road to Oliver Road and into a 15" gravity sewer in Brighton Street before discharging into the 36-inch MWRA Belmont Branch Sewer at the intersection of Brighton Street and Flanders Road. Approximately 80% (60 miles) of Belmont's sewer system is tributary to the Flanders Road connection. The 15" connection on Brighton Street is located at the furthest downstream point in the system.

- 12. FST constructed a computer model of the existing gravity sewer sub-system tributary to the Brighton Street connection. Based on flow-monitoring and MWRA data, FST modeled the peak flow during normal conditions with the addition of the proposed flow from the Project. FST concluded (6/23/06 letter and attachments) that during normal conditions the existing gravity sewer has sufficient capacity to accept the additional flow. However, during a storm event, the existing sewer experiences surcharge conditions (that is, exceeds capacity and backs up) without the Project and lacks capacity to accept the additional flow. In sum, without mitigation, the addition of the Project wastewater will make the existing problems worse in storm conditions.
- 13. Three principal ways of addressing the Project's wastewater were discussed during the hearings. First, there was possibility of avoiding any Belmont connection by running the sewer from the Project to the Discovery Park pump station just south of Acorn Park Drive in Cambridge. The wastewater from that station flows through an 18" sewer which connects to the 30" branch of the MWRA Belmont Branch sewer in Cambridge approximately 2,800 feet downstream from Brighton Street. Both Rizzo and FST agreed (Rizzo 12/5/06 letter and 12/6/06 hearing; FST at the 1/3/07 hearing) that with such a connection the Project would have a "virtually negligible" impact on Belmont. Mr. Gould stated that this alternative would avoid the impact of the Project on Belmont, although it would not improve the existing situation. However, the City of Cambridge has not indicated any willingness to agree to such a connection. Since neither the Board nor the Applicant has the ability to require Cambridge to agree to such a connection, this potential solution while preferable is hypothetical. The Board decided to encourage the Applicant to pursue this approach by condition, but it cannot rely on it.
- 14. Second, the Applicant proposed and FST recommended negotiation of a payment to the Town to fund an infiltration/inflow ("I/I") removal program to help offset the proposed peak flows. FST estimated the Town's present actual cost of removing I/I to be \$1.50 per gallon and stated that on projects it had been involved in the removal ratio ranged from 4:1 to 10:1. The McLean project provided I/I mitigation at a 5:1 ratio, while the MOA provided for I/I mitigation based on the Title V number, a 5:1 removal ratio and a removal cost of \$1.26 per gallon. Municipal policy for I/I included a 5:1 ratio in 2004 (OCD letter 5/20/04). According to FST (7/26/06 hearing), the I/I ratio is greater than 1:1 because inflow accumulates faster than sewage. Based on the comments on the draft conditions, the Applicant is willing to accept an I/I mitigation based on Title V flows, a 5:1 ratio, and a \$1.50 per gallon cost. While there were discussions of other formulas for I/I, FST stated there was no precedent for them. The Board decided to require by condition an I/I payment based on Title V numbers, a 5:1 removal ratio and the present \$1.50/gallon removal cost. The Applicant's I/I payment will be \$382,500, except as provide in condition 28.
- 15. While an I/I mitigation payment would potentially remove infiltration and inflow from the Town's sewers and help offset the new wastewater from the Project, it is not in itself a solution. The additional sewage from the Project would still add to the overload on the sewers during storm events, when the existing system is at capacity and inflow is fastest, and the I/I payment is not targeted to these

<sup>&</sup>lt;sup>1</sup> At the hearings, there was also discussion of installation of a pump in the Winn Brook area to alleviate backup problems, but FST (6/28/06 and 7/26/06 hearings) stated that this would merely move the problem from one part of the system to another. There was also discussion of the size of the 8" sewer from Gilmore to Oliver Road, but FST said that this sewer has adequate capacity: the problem is the wet weather flows from Belmont and other towns as it reaches the MWRA connector. The location of the Project is not the problem, and bypassing Oliver Road would not change the situation. A similar addition to wastewater elsewhere in Town would have the same effect.

events. In sum, this proposed mitigation, while helpful, does not directly address the critical issue of avoiding additional wastewater impact on the Town sewer system during storm events.

- 16. Third, the Applicant proposed to provide a holding tank to hold wastewater when the Belmont sewers approach surcharge condition. As outlined by Rizzo (11/1/06 and 12/6/06 hearings), the holding tank would have a 25,000-gallon capacity to hold one day's worth of wastewater from the Project. This approximately 10' by 45' concrete tank would be located under the parking lot to north side of the site in an area outside of the 100 year floodplain. There would be a sensor at Brighton Street that would be triggered when the flow in the 36" pipe reaches a 30" level, before the pipe reaches capacity and creates surcharge conditions. FST confirmed at the 1/3/07 hearing that when the sewer level is at 30" it is within capacity so that there would be no surcharge. When the meter is triggered, the wastewater flow from the pump station at the Project would be diverted into the holding tank. When the level in the sewer fell below the trigger level, the wastewater would be redirected to the Belmont sewer, and the holding tank would gradually empty into the sewer. If the wastewater is diverted into the holding tank for long enough to approach capacity, the holding tank would be pumped out by a septage hauler. The Applicant proposed to include this on-call service as part of its contract with a trucking company.
- 17. Rizzo supported this approach with an analysis of the length of surcharge events over the past five years from MWRA flow metering data (11/27/06 email). Based on data from 10/1/01 to 10/1/06, Rizzo identified eight periods when the flow in the 36" interceptor pipe flow exceeded 35", one of which (5/13-14/06) lasted over 24 hours. Using the more conservative 30" surcharge trigger level, Rizzo identified 15 surcharge periods, two of which (5/13-15/06 and 4/1-2/04) lasted more than 24 hours (26:15 and 43:30, respectively). Based on that analysis, Rizzo contended that a holding tank capacity at the 24 hour flow amount was reasonable. Rizzo stated that this was not a new technology, and the septage hauler would be placed "on alert" when a sensor in the holding tank showed that the holding tank had reached a percentage of capacity. Rizzo added that avoiding overflow would be a top priority since backup due to a full holding tank would be onsite.
- 18. FST reviewed and agreed that the analysis and recommended tank size were reasonable (12/1/06 email), although it noted that (a) the Applicant would need to have a septage hauler available to pump out the tank as necessary if the capacity of the holding tank is exceeded by an event lasting more than 24 hours, and (b) operating protocols and "SCADA" systems/instrumentation will be needed to activate the system. FST stated (1/3/07 hearing) that it was satisfied that the tank is large enough, and that the Title V numbers are based on private residential flows that contain an "inherent multiplier" so that half of the Title V average daily flow is an appropriate size. Review of the 100 year floodplain (at 8.2') shows that the holding tank can be located in the parking lot and that access from Frontage Road and Acorn Park Drive will not require going into the 100 year floodplain.
- 19. In light of FST's agreement with Rizzo's analysis, the Board was inclined to adopt a condition requiring a 25,000-gallon capacity holding tank and the septage hauler contract as proposed. However, the Board was informed by staff that the MWRA requires septage haulers to dispose of pumped septage in the municipality where the septage originated. This raised a significant concern because 80% of the Belmont system flows to the Flanders Road connector. Disposal of septage pumped from the Project's holding tank into the Belmont system during surcharge conditions would merely replicate the surcharge problem the holding tank/septage hauler contract was intended to mitigate. In these circumstances, the septage hauler trucks would have to hold the septage until the end of the

surcharge event: they would thus function as ancillary holding tanks, not an alternative method of disposing of the septage. Given that there will be periods when the capacity of the 25,000- gallon capacity tank is exceeded (as shown by the Rizzo analysis of the 2001-2006 period), the Board concluded that the 25,000 gallon capacity tank is too small. Having trucks filled with septage parked at the Project (or elsewhere in Belmont) until the surcharge event ended might be acceptable during rare events, but it is not a reasonable solution where it would have been required twice in the past five years. The Board, accordingly, concluded that the holding tank(s) should have a capacity of at least 50,000 gallons (two days of Project wastewater) so that surcharge events like those during the 2001-2006 analysis period would not require use of the septage hauler trucks as ancillary holding tanks.

- 20. As the I/I payment and the holding tank(s) are mitigation measures that to some extent overlap, the Board determined that a limited deduction from the I/I payment to reflect at least part of the capital costs of the holding tank(s) is appropriate.
- The other main wastewater issue concerned the size of the force main and the pump station. FST reviewed the pump station wastewater flow calculation and design, including the peaking factor used to account for peak flows in the mornings or Super Bowl half-time. FST expressed concern over the size of the force main and the pump. Based on Technical Report #16, Guides for the Design of Wastewater Treatment Works ("TR-16"), by the New England Interstate Water Pollution Control Commissioner, an accepted industry standard for the design of wastewater systems, FST recommended (5/17/06) that the minimum force main diameter be 4" and that the pump be capable of passing a minimum 3"-diameter sphere. Rizzo contended that TR-16 permits use of smaller sizes for small residential systems and asserts that based on the 25,500 gallons per day estimated flow a 3" force main and a pump capable of passing a 2 1/2" diameter sphere are sufficient. FST responded (7/25/06 letter and 7/26/06 hearing) that not adhering to the guidelines will likely result in the need for increased maintenance and will reduce reliability. In response to concerns expressed at the hearings, FST also noted (7/25/06) that the pumping station will have two pumps (one for operation and one for backup, although they will exchange roles) and further recommended that the pumping station have emergency power to avoid overflow risk in the event of a power outage. The Applicant agreed (7/26/06 hearing) that there will be two pumps and backup power.
- 22. The proposed pumping station itself will only store a few hundred gallons of sewage (FST 7/25/06), so that reliability of the pump station is critical. While the redundant pump and backup power address this issue to some extent, FST is of the view that the larger force main and pump will improve reliability by minimizing the potential for clogging and recommends them under the TR-16 industry standard. The Applicant (7/26/06 hearing) advised that the additional cost of the larger pump would be less than \$50,000. The reliability is of concern even though the Applicant will be responsible for maintenance of the privately owned force main and pump. The Board accordingly determined to require the larger pipe and pump, as recommended by FST, by condition.

### **FINDINGS - ENVIRONMENT**

23. The Application proposes five buildings (A-E) and a total of 337,884 s.f. of gross floor area ("GFA"). The western half of the Project would be surrounded by a fire road constructed using a pervious paving system. At a point, the proposed fire road behind Building B would abut the Wetlands Protection Act's 200' riverfront buffer zone of the Little River. Building B would be approximately

300' long on the side facing the River. At its closest point, Building B would be only 220 feet from the River.

- 24. The Project would be located squarely in the middle of the forest and surrounding ecosystems. See Epsilon's Open Space Maintenance Plan (2002) (Figure 4) and Rizzo Associates' Conservation Restriction Limits Comparison (sheet CR-1) (6/5/06). It would severely fragment that environment and habitat.
- 25. In the Public Hearing, the Belmont Conservation Commission submitted comments to the Board expressing serious concerns about the impacts of the Project on the surrounding environment. It noted that:

the site ... provides a vital link to the urban greenway which connects the Little River, Alewife Brook, Aberjona River, and the Mystic River to the Charles River Basin. The area is already heavily developed except for this Greenway and segmenting the green space diminishes its value to wildlife and pollution mitigation.

The Commission also noted that Little River/Alewife Brook is an impaired water body requiring a Total Maximum Daily Load Limit because of a variety of pollutants. It expressed concern that the runoff from the parking lots, via swales, detention and/or retention basins, would further degrade the water quality.

- 26. The Belmont Planning Board recommended that, in view of the Town's Open Space Plan of 2001, the Project be required to meet the dimensional regulations in Section 6B of the By-Law. Those regulations are a minimum open space of 65%, maximum lot coverage of 20%, maximum impervious surface of 35% and maximum GFA of 245,000 s.f.
- 27. The Belmont Board of Selectmen submitted comments supporting the "smallest possible development", in part because of the sensitivity of the site.
- 28. Other participants in the Public Hearing also objected to the impacts the Project would have on the surrounding environment. For example, the Mystic River Watershed Association echoed the characterization of the site as part of a significant greenway and habitat corridor. It also noted that "uplands abutting wetlands provide a greater range of habitat than wetlands alone, by allowing some animals who need uplands, or both wetlands and uplands, to live there" (citing its publication *An Alewife Area Ecology Guide* (Cambridge; Arthur D. Little, Inc., 1994). MyRWA also submitted its observations of water quality in the Little River and surrounding water bodies, as well as data on the pollutants in typical run-off. It noted that, for example, under DEP's Stormwater Policy, roof water is considered clean and can be infiltrated directly but often contains elevated levels of nutrients and heavy metals.
- 29. Most comprehensively, the non-profit organization Friends of the Uplands submitted extensive materials describing and documenting the habitat, pollution filtration and other ecological values of the Uplands, and the impacts of fragmentation and other intrusion. The Board received into the record of this Application all of these materials and finds them to be significant evidence of the environmental sensitivity of the site.
- 30. Based on all the evidence, including that submitted by the Applicant's consultant Epsilon, the Board finds that the silver maple forest on and adjacent to the site is remarkably intact for this region

and constitutes a rare monoculture; it is an important food source; the mixed hardwood forest and the adjacency of the two forest types is rare (perhaps unique) in the Boston area; and the wildlife includes such diverse and ecologically valuable species as otter, mink and fox; and that wildlife depends on the uplands as well as wetlands parts of the site and surrounding area. The Board walked the site and observed the condition of the forest. Based on all the evidence, the Board finds that the site constitutes an important component of contiguous regional open space and wildlife corridor, and the silver maple forest and other ecosystems on the site provide valuable wildlife habitat (both uplands and wetlands) and long-term filtering of pollutants.

- 31. The Board also finds that the Project would, even beyond its footprint, inevitably impair those functions and degrade the quality of the ecosystems on the site. Its impacts would be most acute between Building B and the Little River. Because of the size, orientation and proximity of that building, it will present a four-story wall of windows and noise to the riverfront area. Added to that would be significant light and noise from its parking garage, recreation on and off the fire road, and other spillover impacts. Some of the degradation might be gradual and long-term, but it would be inevitable.
- 32. The Board acknowledges the Conservation Restriction (the "CR") proposed by the Applicant, a small part of which would cover the area between the Project and the Little River. However, the CR would not prevent, or even mitigate, the impacts from Building B and the fire road, described above. Moreover, it would not prevent impacts to the environment from permitted uses of the CR area itself, which are likely to lead to trampling, littering and noise within and beyond the CR area.
- 33. The Board also acknowledges Epsilon's Open Space Maintenance Plan prepared for the R&D project in 2002. However, the Board believes that such Plan, parts of which are inapplicable to the Property and the Project, would not effectively protect these resources by itself.
- 34. Finally, the Board understands that the Project would not actually encroach into the riverfront area or violate any state or local regulations regarding wetlands or uplands. Nevertheless, it would blink reality to believe that the Project, and Building B in particular, would not degrade the nominally-protected ecosystems on and next to the site. The Board does not believe that such wishful thinking is required by Chapter 40B, and it unanimously finds that the Project is larger and more dense than appropriate for the site.
  - 35. The Chapter 40B regulations, 760 CMR 31.07(2)(b), state that:
    If a town ... attempts to rebut the presumption that there is a substantial regional housing need which outweighs local concerns, ...
    (b) the weight of the local concern will be commensurate with ... the degree to which the natural environment is endangered ... and the degree to which the local requirements and regulations bear a direct and substantial relationship to the protection of such local concerns....
- 36. The Board unanimously concludes that, in order to be consistent with local needs, several conditions are required to protect the surrounding open space and habitat, particularly in the direction of the Little River. It is requiring the Applicant to prevent or minimize the impacts of the Project in that direction by including the conditions set out in this Decision regarding pets, lighting, fencing, a trail/kiosk/parking area and other issues.

- 37. The Board considered requiring that the Project, and specifically Building B, be moved farther from the Little River and the riverfront area. Such a condition would address those resources most directly. However, the Board is unable to determine how much farther would be necessary to protect those resources more fully or what level of protection is significant for their healthy functioning. In those circumstances, the Board felt constrained that it lacks the authority under decisions of the Housing Appeals Committee ("HAC") to require that the Project be reduced or moved significantly.
- 38. The Applicant recently recalculated the Project's open space and impervious surface coverage by including the Cambridge Area, pursuant to Section 6B of the By-Law. Based on that recalculation, the Project would comply with the By-Law minimum of 65% open space. It still would slightly exceed the 35% maximum impervious surface coverage regulation (35.23%), but the Applicant withdrew its request for a waiver of that regulation. The Board also considered the rear setback and GFA regulations in Section 6B of the By-Law. It again felt constrained that conditions based on those regulations would be difficult to defend under HAC decisions, even though they would help preserve not only the off-site resources threatened by the Project but also part of the silver maple forest on the site.

### **DECISION**

Pursuant to Chapter 40B, the Board, after Public Hearing and findings of fact, grants a Comprehensive Permit to the Applicant for the construction of no more than 299 rental units, with associated infrastructure improvements, subject to the conditions listed below.

### **CONDITIONS**

- 1. (A) Except as more particularly provided for in this decision, including these conditions ("Decision"), the Project shall be constructed in conformance with the following plans of record ("Project Plans"):
  - a. Residences at Acorn Park, prepared by Rizzo Associates, dated December 6, 2005, revised June 26, 2006 (except as noted below) submitted as part of the Comprehensive Permit Application. Said plans include:
    - Sheet C-1: Existing Conditions Plan
    - Sheet C-2: Layout and Materials Plan (dated September 5, 2006, with revised Zoning Summary Table submitted to the Board on February 12, 2007)
    - Sheet C-3: Grading and Drainage Plan
    - Sheet C-4: Erosion Control Plan
    - Sheet C-5: Utility Plan (as marked July 26, 2006 to reflect discussions with Fire Department)
    - Sheet C-6: Landscape Plan
    - Sheet C-7: Lighting Plan
    - Sheet C-8 through C-10: Construction Details
    - Sheet C-11: Water and Sewer Extension Plan (as marked July 26, 2006 to show redundant water mains)
    - Sheet C-12: Surface Parking Cross Sections
    - Sheet C-13: Fire Truck Turning Plan
    - Sheet A-1: Architectural Site Plan, prepared by ADD, Inc (dated 5 December 2005)

- Sheet A-2: Typical Building Plans, Building E (A Similar), prepared by ADD, Inc (dated 5 December 2005)
- Sheet A-3: Typical Building Plans, Building B (D Similar), prepared by ADD, Inc (dated 5 December 2005)
- Sheet A-4: Typical Building Plans, Building C, prepared by ADD, Inc (dated 5 December 2005)
- Sheet A-5: Typical Building Sections, prepared by ADD, Inc (dated 5 December 2005)
- Sheet A-6: Typical Building Elevations, prepared by ADD, Inc (dated 5 December 2005)
- Sheet CR-1: Conservation Restriction Limits Comparison (dated June 5, 2006)
- b. Open Space Maintenance Plan. Belmont Uplands Site. Acorn Park Drive and Frontage Road, Belmont/Cambridge, MA, prepared by Epsilon Associates, Inc., dated September 5, 2001, revised May 17, 2002.
- c. Stormwater Management Systems narrative prepared by Rizzo Associates, dated December 9, 2005, revised June 26, 2006. Including emails and memos dated July 18, 2006 and July 19, 2006.
- (B) For the Project to be consistent with local needs, the following dimensional regulations of Section 6B shall be complied with: (i) minimum open space of 65% in accordance with Section 6B.2(h); and (ii) maximum impervious surface coverage of 35% in accordance with Section 6B.2(k). The Project zoning summary, as recently revised, indicates compliance with said minimum open space requirement. At the February 12, 2007 meeting, the Applicant withdrew its request for an exception to said minimum impervious surface coverage requirement.
- 2. Prior to the issuance of a Building Permit, the Applicant (which for the purposes of these conditions shall include its successors and assigns) shall submit the following final engineered plans and supporting documentation ("Final Plans"), which plans shall be consistent with the Project Plans as modified to reflect this Decision and shall be subject to review and approval by the Board or its designee:
  - a. Site Plan (including location of snow removal and/or storage, bicycle racks, and dumpster location and screening). A property line should be shown on plan, stamped by a Professional Land Surveyor.
  - b. Landscaping, screening and planting plan to include opaque barrier to the south of Parking Lot A to prevent lighting of Conservation Restriction Area south of Building A caused by vehicle headlights.
  - c. Lighting plan:
  - d. Grading plan.
  - e. Architectural plans (including floor plans, exterior materials and elevations of all facades).
  - f. Erosion Control plans.
  - g. Utilities plan including Stormwater/drainage plan.
  - h. Final Stormwater management calculations and supporting material (including soils information) demonstrating compliance with Massachusetts Department of Environmental Protection ("DEP") Stormwater Management Policy provisions.
  - i. Signage plan.
  - j. Road and sidewalk design with profiles.

- During construction, the Applicant shall conform to all local, state, and federal laws regarding noise, vibration, dust, and blocking of any roads. The Applicant shall at all times use all reasonable means to minimize inconveniences to residents in the general area. Construction shall not commence on any day before 7:00 A.M. on weekdays, and 8:00 A.M. on Saturday, and shall not continue beyond 6:00 P.M. There shall be no construction on any Sunday or state or federal legal holiday.
- 4. Prior to commencing construction, the Applicant shall prepare and present to the Board or its designee, for its approval, a construction mitigation plan that shall include, but not be limited to, a phasing plan, a description of staging and storage areas, measures to control erosion and sedimentation, limitations on hours of work, a description of proposed earth removal, types and numbers of vehicles and vehicle trips involved with construction, a construction parking plan, tree and brush clearing and grading and general site mitigation measures. Construction vehicles approaching or leaving the site shall use, in the Town of Belmont, only Route 2, Route 60 (Pleasant Street), Acorn Park Drive, Frontage Road, Lake Street, Trapelo Road, and Belmont Street.
- 5. The Applicant shall submit draft Regulatory and Monitoring Agreements used by MassDevelopment to the Board for its review and approval. Such documents shall include the Town as a party to the Agreements with the right to enforce and impose sanctions and shall contain, at a minimum, the following terms:
  - a. no less than twenty percent (20%) of the units within the Project shall be affordable in perpetuity to households earning not more than 50 percent of Area Median Income (the "Affordable Units").
  - b. to the extent allowed by law, preference in the rental of the Affordable Units shall be given to Belmont residents. A Belmont resident shall be as determined in Section 6.10.2 (5) of the By-Law.
  - c. the Applicant shall select, with the prior approval of the Board, a Lottery Agent for the selection of the renters of the Affordable Units. Prior to conducting the Lottery, the Lottery Agent shall submit a final Lottery Plan to the Board for its review and approval.
  - d. the Monitoring Agent for the Project shall be Mass Development. In the event that Mass Development ceases to act as Monitoring Agent, the Town shall designate the Monitoring Agent. The fees of such Monitoring Agent shall be paid by the Applicant.
  - e. the Applicant shall donate to the Town profits from the Project that are in excess of those allowed by Chapter 40B as demonstrated by audit. Any excess profits shall be in an Affordable Housing Development Fund used for affordable housing purposes only.

The Applicant shall submit fully executed Regulatory and Monitoring Agreements to the Board before the issuance of a Building Permit.

- 6. This Project is subject to Massachusetts Environmental Policy Act ("MEPA") review, and this Decision shall not be implemented until the MEPA review has been completed. If, during the course of MEPA review, changes to the Project Plans as modified to reflect this Decision are necessitated, the Applicant shall return to the Board for a review of those changes in accordance with 760 CMR 31.03(3).
- 7. Prior to the issuance of the first Certificate of Occupancy, the Applicant shall provide a

performance guarantee (which may include a covenant, bond, surety, or tripartite agreement) to the Board or its designee for completion of on-site and off-site improvements (excluding buildings), in a form acceptable to the Board. The Board shall approve both the type and amount of the performance guarantee. The amount of the performance guarantee shall be based on the costs of any improvements, as determined by the Project Engineer plus a ten percent (10%) contingency. Any such security instrument shall provide for reduction in the secured amount as the work is satisfactorily completed as indicated by Building Inspector certificates.

- 8. a. If the Applicant must revise any of the Final Plans to comply with any other local or state or federal approvals or permits, it shall present the revised plans to the Board or its Agent for a review of those changes in accordance with 760 CMR 31.03(3).
  - b. Before the issuance of a Building Permit and before commencement of any site work (including site clearing activities), the Applicant shall certify to the Board or its designee that all local, state and federal approvals and permits required to obtain a Building Permit or commence site work have been obtained. Notice of construction activity, test borings or other such activity shall be provided to the Town's Office of Community Development at least three days prior to the commencement of such activity.
- 9. As set forth in 760 CMR 31.08(5), this Comprehensive Permit is granted solely to AP Cambridge Partners II, LLC, and shall not be transferred to any other person or entity without the written approval of the Board. In the event AP Cambridge Partners II, LLC sells, transfers, or assigns any of its interest in the Project, this Comprehensive Permit shall be binding upon the purchaser, transferee, or assignee. The provisions and limitations of the Limited Dividend Organization shall apply to the Project regardless of sale, transfer or assignment.
- 10. Annually, and immediately upon its receipt, the Applicant shall submit to the Board a copy of the audit conducted by the Monitoring Agent. The Board reserves the right to conduct an initial audit pursuant to Massachusetts Housing Partnership guidelines with the reasonable cost thereof paid by the Applicant and any other audit. The Applicant shall provide a copy of its cost certification to the Town not later than sixty (60) days after the issuance of the final Certificate of Occupancy and in no event later than the time it provides the cost certification to the Monitoring Agent.
- 11. The Applicant shall submit to the Board a Final As-Built site plan showing the Property line and the location of all buildings and other improvements on the Property. Said As-Built plan shall be stamped by a Professional Land Surveyor or Registered Land Surveyor and shall be submitted within 90 days of the final Certificate of Occupancy.
- 12. The Applicant shall pay within thirty days of receiving notice all reasonable inspection, peer review and/or legal fees for Town consultants or counsel as may be required to ensure compliance with the conditions listed herein.
- 13. The Applicant has requested, and the Board hereby authorizes those exceptions from the requirements of the By-Law and other local laws, rules and regulations, as listed in Attachment A, as long as the Project is constructed in accordance with the Project Plans and this Decision (including these Conditions). To the extent that the Project Plans show additional exceptions or waivers not expressly set forth in Attachment A, such exceptions or waivers were not requested

and, in any event, are denied. Minor deviations from otherwise applicable local rules may be authorized by the Board in the subsequent review and approval of Final Plans. Except as permitted by this Decision (including Attachment A), the Applicant shall be required to comply with all other applicable local bylaws, rules and regulations, as well as all applicable laws and regulations of the Commonwealth of Massachusetts and the United States of America.

### Site Specific

- 14. The Applicant shall provide a shuttle service designed to meet the needs of employees and residents of the Project to travel from the Project to (and from) the Alewife MBTA Station and Belmont Center. The Applicant shall provide a proposed shuttle schedule and fees, if any, for non-residents to the Board for its review and comment prior to the initial Certificate of Occupancy. The proposed schedule shall address shuttle service (a) during initial occupancy and (b) when occupancy reaches 90%. Six months after the Project reaches 90% occupancy, the Applicant shall submit a report regarding the shuttle bus service which shall include, at a minimum, hourly ridership numbers during relevant periods (weekday, rush hour, evening, Saturday and Sunday/holiday), together with any proposals for modifications (increases and/or decreases) in service to reasonably reflect ridership levels during typical periods, for the Board's review and comment. Thereafter, the Applicant shall at least annually submit to the Board such a report for its review and comment.
- 15. a. The Applicant shall provide four bicycle racks, each holding 8 bicycles, in each of Buildings A, B, D, and E. Racks shall be located in the underground parking facilities. In addition, Applicant shall provide two bicycle racks, each holding 8 bicycles, in Building C, which shall be located in the underground parking facility of that building.
  - b. The Project shall conform to either (1) or (2) herein below with appropriate signage and geometric design, but in either event shall be subject to (3) herein below:
    - (1) There shall be three driveways as follows: a central driveway for ingress to the Project only and north and south driveways for egress from the Project only, or
    - (2) There shall be only two driveways. The central driveway currently shown on the Project Plans shall be closed in a manner acceptable for emergency access by the Fire Department.
    - (3) The driveways shall be as narrow as safe driveway design and turning radius requirements will allow and any resulting reduction in paving shall be converted to pervious surfaces to the maximum extent possible.
- 16. Prior to receipt of a Building Permit for any buildings on the Property, the Applicant shall provide the Fire Department final plans showing the details demonstrating compliance with the following:
  - a. As requested by the Fire Department the Project shall include around the rear of Buildings B and D a fire access lane, as shown on the plans, constructed out of a pervious paving system and constructed so as to support the weight of an operating fire apparatus.
  - b. As requested by the Fire Department the Project shall be serviced by a redundant water supply connected to the Belmont water system. The redundant water lines may be

- located within the same utility trench, provided that they are separated within such trench and that the two water lines tie into the Belmont water system at different locations.
- c. Final plans shall be submitted to the Fire Department to demonstrate that the "trash rooms" will be constructed as agreed to by Applicant and the Fire Department.

#### Housing

- 17. The Project shall not exceed 299 rental units in 5 buildings consisting of 20 studio units, 156 one-bedroom units, 107 two-bedroom units, and 16 three-bedroom units. Twenty percent of each unit type shall be Affordable Units. In the event the number of units is reduced as a result of this Decision, or for any other reason, the Affordable Units shall consist of studio, one-bedroom, two-bedroom, and three-bedroom units in the same proportion as provided by the Applicant were the Project to contain 299 units.
- 18. The Affordable Units and the market rate units shall be distributed proportionately within the buildings of the Project and among bedroom types. The Affordable Units shall be comparable to the market-rate units in terms of location, quality, character, room size, number of rooms, amenities and external appearance. The interior finishes of and appliances in the Affordable Units shall be comparable to the interior finishes and appliances in the market-rate units. The Affordable Units shall be constructed simultaneously with the construction of the market-rate units and occupancy permits shall be issued at a proportional rate for affordable as for market rate units.
- 19. The affordability restrictions shall be enforceable against all subsequent owners and shall be effective in perpetuity. The calculation of affordability for the allowable monthly rent to be charged the occupants of the Affordable Units shall include all mandatory fees and standard allowances for tenant paid utilities.

#### **Transportation**

- 20. The Applicant shall complete the following traffic mitigation measures in accordance with the description set forth in the Traffic Impact and Access Study by Vanasse and Associates, Inc., dated January 23, 2006, as refined in the Vanasse and Associates April 28, 2006 response to comments (together, the "Vanasse Study"), and they shall be constructed prior to the issuance of the first Certificate of Occupancy for the Project.
  - a. Cross Street and Brighton Street Intersection Design and implement an optimal traffic signal timing and phasing plan to include re-striping, shared turn-lane, and an upgrade of the existing traffic signal which will accommodate pedestrian and bicycle travel in a safe and efficient manner. Prepare an evaluation of, and design, an emergency preemption system and, if feasible and approved by the Town, install said system.
  - b. Lake Street and Cross Street Intersection Re-stripe the northbound approach to provide separate left and right-turn lanes as an interim improvement measure. The Applicant shall undertake a supplemental analysis of operating conditions and safety at the intersection of Lake Street at Cross Street within one year of the issuance of the first Certificate of Occupancy for the Project. This study will consist of the collection of weekday morning (7 to 9 AM) and evening (4 to 6 PM) manual turning movement counts

at the intersection; a review of motor vehicle crash information for the most recent continuous three-year period; the completion of a detailed traffic operations analysis (LOS, delay and vehicle queuing); and the development of a conceptual improvement plan to address any safety or operational deficiencies that are identified as a result of the supplemental analysis. This information will be summarized in a report provided to the Board for planning purposes and to obtain funding to complete the identified improvements by others.

- c. Acorn Park Drive and Frontage Road Intersection Upgrade the existing traffic signal equipment, timing and phasing as necessary to accommodate pedestrian and bicycle access to Project site. Include upgraded signs and pavement markings at intersection.
- d. Concord Avenue and Blanchard Road Intersection Design and implement an optimal traffic signal timing and phasing plan.
- e. Concord Avenue at Alewife Brook Parkway Undertake a detailed safety analysis of the rotary based on motor vehicle crash data provided by the City of Cambridge Police Department including a motor vehicle collision diagram, in order to identify any safety deficiencies that may exist at the rotary that are subject to correction, Subject to the approval of the DCR and the City of Cambridge, the Applicant will review and upgrade the signs and pavement markings at the rotary including providing advance directional signs on all approaches. Copies of the safety study will be provided to the DCR, MassHighway, the City of Cambridge, and the Town of Belmont.
- f. Massachusetts Avenue/Lake Street and Massachusetts Avenue/Alewife Brook Parkway Design and, subject to approval of the Town of Arlington, implement an optimal traffic signal timing and phasing plan.
- g. All other intersection mitigation measures presented in the Vanasse Study.
- 21. The Applicant shall construct a sidewalk made of pervious material along the Project frontage on Acorn Park Drive that will link the Project to the existing sidewalk located along Frontage Road. The sidewalk design and construction shall meet MAAB & ADA requirements. Further, subject to being given an easement (at no acquisition charge to the Applicant) and all applicable approvals, the Applicant agrees to construct the missing segment of sidewalk between the Property and the existing sidewalk on Acorn Park Drive toward Cambridge Discovery Park. The Applicant shall submit to the Board copies of requests for easements and all applicable approvals by third parties, where necessary, prior to issuance of the first Certificate of Occupancy.
- 22. The Applicant will provide a weather protected waiting area for the shuttle bus within the Project which will be designed to be consistent with the architectural character and design of the buildings in the Project.
- 23. The Applicant's traffic mitigation measures described above in condition 20 assume that the improvements due to be made by the developer of Cambridge Discovery Park (as set forth at pages 5-6 of the Vanasse Study) will be in place when the Applicant commences implementation of its mitigation measures. If such mitigation measures of the developer of Cambridge Discovery Park are not completed when the Applicant proposes to implement its traffic mitigation measures, the Applicant will complete any or all improvements that should have been done by the developer of Cambridge Discovery Park that are not in place when the Applicant

- commences work on its mitigation. The Applicant shall complete these measures before issuance of the first Certificate of Occupancy.
- 24. The Applicant shall be prohibited from granting easements over portions of the Property on the easterly side of Acorn Park Drive and onto the privately owned portion of Acorn Park Drive. The Applicant shall ensure access to the Project over Acorn Park Drive for school buses, police, fire and other municipal services. The Applicant shall be responsible for safe road maintenance (including but not limited to snow plowing, sanding, paving, and pothole repair) of Acorn Park Drive and shall annually file a plan for meeting this responsibility with the Town's Department of Public Works and Office of Community Development.

#### Infrastructure

- 25. The following portions of the Project shall be and shall remain forever private, and the Town shall not have, now or ever, any legal responsibility for their operation or maintenance:
  - a. stormwater management system
  - b. all driveways and parking areas and Acorn Park Drive
  - c. wastewater system to the connection on Garrison Road, including the pump station
  - d. on-site lighting
  - e. recreation and all other common areas, excluding the area subject to the Conservation Restriction (to the extent provided in the Conservation Restriction).
- 26. All utilities within the Property (including electric, telephone, cable, and other such lines and equipment) shall be underground.
- 27. Wastewater flows from the Project will be discharged into the Belmont wastewater a. collection system ("Belmont System") starting on Garrison Road. The Applicant shall install on the Property a holding tank or tanks with a total capacity of at least 50,000 gallons to detain wastewater during surcharge events in the Belmont System. The holding tank(s) shall be under the parking area and not within the 100 year floodplain. In addition, the Applicant shall establish operating protocols which are to be supported by SCADA systems/instrumentation to activate the storage system during surcharge events (i.e., when the flow level in the 36" sewer at Brighton Street exceeds 30"). As part of those operating protocols, the Applicant shall have in place and shall perpetually maintain a septage hauler contract to pump out the holding tank(s) as frequently as necessary until surcharging in the Belmont System ceases. Such septage hauler shall not dispose of septage into the Belmont System until the surcharge event is over. The Applicant shall file a current copy of the septage hauler contract with the Town's Office of Community Development before issuance of an initial Certificate of Occupancy and shall maintain a current copy on file thereafter. The design of the holding tank(s) (including the operating protocols and the SCADA systems/instrumentation) shall be subject to the approval of the Board after review by the Town's sewer consultant, currently Fay Spofford & Thorndike. The cost of the holding tank(s) will be deducted from the Inflow/Infiltration (I/I) payment made pursuant to condition 28 to the extent allowed therein. The Applicant shall file a cost certification, with supporting detail, of the cost of the holding tank(s) with the Board before issuance of the first Certificate of

Occupancy.

- b. Prior to the issuance of the Building Permit, the Applicant shall make a good faith application to the City of Cambridge for a connection to the Cambridge municipal wastewater system ("Cambridge System") in Acorn Park Drive. If such application is approved (and no appeals are filed or any such appeals are resolved successfully) and the cost and timing of such connection to the Cambridge System is no greater than the cost and timing to connect to the Belmont System (e.g. the cost to construct the sewer line from the Property to Garrison Road and the costs to comply with conditions 27.a. and 28), then the Applicant shall connect into the Cambridge System instead of connecting to the Belmont System and installing a holding tank(s).
- c. The Applicant may, with the approval of the Board, substitute another method that achieves the same result as condition 27.a.
- 28. The Applicant shall make an I/I payment of \$382,500.00 (less the cost of the holding tank(s) described in condition 27.a. or the alternative described in condition 27.c., but in any event not less than \$300,000) to the Town of Belmont prior to the issuance of a Building Permit, provided however, in the event the Applicant is allowed to connect to the Cambridge System, then such I/I payment will not be required.
- 29. The Applicant shall provide an Operations and Maintenance Plan (O&M Plan) for the Stormwater Drainage System to the Board prior to the issuance of the first Certificate of Occupancy. The O&M Plan shall include: monthly inspections and quarterly cleanings of catch basins, area drains, and drop inlets, and monitoring the depth of water in the infiltration /detention systems as part of the semi-annual maintenance program (and, during the first year of full occupancy, after each storm event defined as more than ½ inch of rain in a 24 hour period). The O&M Plan shall include a provision requiring the use of sand for de-icing of the travel surfaces of the Project.
- 30. The catch basins on grade shall be designed to capture fully the 100-year storm event (6.6 inches of rainfall in a 24 hour period). Manholes for maintenance will be constructed as part of each chamber and underground detention basin. A clean out shall be installed at the location where grit chambers connect to the system.
- 31. The Belmont Water Department shall inspect the water main installation during construction. Approval of installation by the Water Department is required prior to issuance of the first Certificate of Occupancy.
- 32. As recommended by FST, the wastewater pump and force main to be constructed for the Project shall have a minimum diameter of 4 inches, and the pump shall be capable of passing a 3" diameter sphere. There shall be redundant pumps and an emergency power source for the pumps. Specifications for the pump and force main shall be submitted to the Board for review and approval prior to the issuance of a Building Permit.

#### Environmental

33. The Applicant shall provide to the Board a detailed site preparation plan, planting/landscaping

plan, and monitoring/maintenance plan for each flood storage area to be created, including at a minimum the detail called for in Epsilon's letter of May 24, 2006 and attachments, prior to the issuance of a Building Permit. Floodplain compensation volumes shall be at a ratio of at least 1.6:1 calculated using the current FEMA 100 year flood elevation of 8.2'.

- 34. The Applicant shall submit to the Board a management plan for the open space surrounding the Project prior to the issuance of the first Certificate of Occupancy. Any Open Space Maintenance Plan for the Project shall be in a form substantially similar to and as a minimum implement habitat enhancement measures as referenced in the previous Open Space Maintenance Plan dated May 17, 2002 prepared for the R&D Office Building. In addition the Applicant shall provide the Board with a plan showing the location of all tenant recreational areas prior to the issuance of a Building Permit.
- 35. The Applicant shall provide a tree cutting plan to the Board prior to commencing site work. The Applicant shall use all reasonable efforts to preserve trees. The Applicant shall, after consultation with the Tree Warden, identify all trees that are healthy and greater than 9" dbh in or within 10 feet of the work area and determine whether slight modifications in the site plan are practicable to preserve those trees. If the Applicant determines that slight site plan modifications cannot be practicably accomplished, the Board may request that additional trees (including but not limited to silver maples) be planted outside the Project area, but on the Property.
- 36. The Applicant shall work with the Green Roundtable to incorporate, to the greatest extent economically feasible, low impact and sustainable development principles for the construction and maintenance of the Project including, but not limited to, use of pervious pavement, and drought-resistant plants and collection of rooftop runoff for the irrigation system. Prior to the issuance of the first Certificate of Occupancy, the Applicant shall submit to the Board the final report of the Green Round Table which will detail how the Project satisfies this condition.
- 37. The Applicant shall finalize, execute and record the Conservation Restriction (CR) in substantially the same form as the draft submitted to the Board on June 9, 2006. The CR will restrict approximately 7.91 acres of the 15.65 acre parcel owned by the Applicant, as generally shown on a plan entitled "Conservation Restriction Limits Comparison" drawn by Rizzo Associates, dated June 5, 2006 (CR-1). In the event the Project site shifts to the north and east as a result of this Decision, or for any other reason, then the boundaries of the CR shall shift accordingly. The Applicant shall perform all of the actions required in the CR, except that no trail, kiosk or parking area shall be constructed. The CR shall be recorded prior to the issuance of the first Certificate of Occupancy but shall be executed and delivered, subject to an escrow arrangement approved by the Board prior to the issuance of any Building Permit for the Project.
- 38. Prior to the first Certificate of Occupancy Applicant shall provide the Board with a snow removal plan. The Applicant's snow removal plan shall be consistent with DEP Snow Disposal Guidelines (BRPG01-01, March 8, 2001), in that landscaped areas designated on the plans as snow storage areas will be used as much as possible. Any damage occurring to such landscaped area due to snow storage shall be replaced/repaired as necessary by the Applicant consistent with BRPG01-01.

Any paved areas used for snow storage shall be graded to drain away from any wetlands and towards the site drainage system as required by BRPG01-01.

#### Legal

- 39. No dogs or cats, except seeing-eye dogs and hearing-ear dogs, shall be allowed on the Property.
- 40. The Board shall retain jurisdiction over the Project to ensure compliance with the terms and conditions of this Decision.
- 41. Subsequent to the expiration of all applicable appeal periods and, in any event, prior to the issuance of any Building Permit for the Project, the Applicant shall record this Decision in the Middlesex County South District Registry of Deeds and shall provide the Office of Community Development and the Building Inspector with a copy of this Decision endorsed with the applicable recording information.
- 42. This Comprehensive Permit shall expire, if the Applicant has not, for whatever cause, obtained a Building Permit for the units within three years of the date this Decision becomes final, or if the Applicant has not completed construction of the Project within five years of the date this Decision becomes final unless extended by the Board. The Decision is deemed to have become final upon the date the Decision is filed with the Town Clerk and no appeal is filed, or on the date the last appeal is decided or otherwise disposed of.

#### RECORD OF VOTE

The following members of the Board attended all public hearing sessions on this Case: William D. Chin, Chairman, Arthur P. Kreiger, Rebecca Vose, Eric A. Smith, and Anthony L. Leccese.

The following members of the Board vote to grant a comprehensive permit subject to the terms of this Decision:

William D. Chin, Chairman

Arthur P. Kreiger

Rebecca Vose

Eric A. Smith

The following member of the Board votes to grant a comprehensive permit subject to the terms of this Decision except to the extent that it permits the Applicant to construct a total of 337,884 square feet of gross floor area and to encroach into the land shown as restricted under the MOA, which he would not permit:

Anthony L. Leccese

Wherefore a Comprehensive Permit, consistent with the conditions of this Decision is granted to the Applicant.

Filed with the Town Clerk on 16, 2007.

Afe Laces R. Kesfo Dolores Keefe, Town Clerk

# LIST OF ATTACHMENTS

Attachment A List of Exceptions From Local By-Laws and Ordinances

Attachment B List of Documents

#### ATTACHMENT A

# REQUIRED EXCEPTIONS FROM LOCAL BYLAWS AND ORDINANCES RESIDENCES AT ACORN PARK "BELMONT UPLANDS" ACORN PARK DRIVE BELMONT, MASSACHUSETTS

#### I. ZONING BY-LAWS

- A. <u>Belmont Uplands District</u>: Note: The Property is in the Belmont Uplands District and §6B.9 of the By-Law pre-empts and supersedes other provisions of the By-Law. The exceptions from the Uplands District for the Project are set forth below in this section "A" and those exceptions from the other applicable sections of the By-Law (not pre-empted or superseded by §6B.9) are set forth below in section "B".
  - 1. Use: Exception from the prohibition of residential uses set forth in §6B.1.
  - 2. Dimensional: Exception from the following dimensional regulations of §6B.2
    - a.) Exception from §6B.2(c), minimum front set back Required: 65' Provided: 18.5' (Building A only); 20.3' (Building E only)
    - b.) Exception from §6B.2(e), minimum rear set back Required: 40' Provided: 27.1' (Building D only)
    - c.) Exception from §6B.2(g), maximum gross floor area Required: 245,000 sf Provided: 337,884 sf
  - 3. Parking: Exception from §6B.3.3, limitation on number of outdoor parking spaces, the outdoor spaces of the Project exceed the permitted 110 outdoor spaces. Outdoor parking is not to exceed 210 spaces.
  - 4. Lighting: Exception from §6B.5., to increase the maximum of 175 watts to 400 watts, the light poles have been maintained at a lower height (15') in order to provide proper safe lighting. Proposed lighting is confined primarily to the interior of the building layout, and parking lot lighting is 175' or more from Frontage Road.
  - 5. Design and Site Plan Review: Exception from design and site plan review under §6B.6, permit approval procedure is governed by Chapter 40B.
  - 6. Site Plan Review Procedures: Exception from site plan review under §6.B.8, permit approval procedure is governed by Chapter 40B.

# B. General Zoning By-Laws NOT Superseded By Belmont Uplands District:

#### 1. Parking:

- a.) Exception from §5.1.3(e) in accordance with note on §5.4.3(b), below
- b.) Exception from §5.1.3(g), egress location, exception from the limit of 2 driveway openings onto a street from a parking area serving more than 20 parking spaces where all driveways are not separated by 150'.

#### 2. Landscaping:

a.) Exception from §5.3.5, existing vegetation, exception from the retention of trees exceeding 6" dbh within 25' of the street.

# 3. Lighting:

a.) Exception from §5.4.3(b), provided that spillover off the Project site will be avoided or minimized, still consistent with pedestrian and vehicle safety, and the lighting plan shall be subject to the approval of the Board.

#### 4. Cluster Development Special Permit

a.) Exception from cluster development special permit under §6.5, permit approval procedure is governed by Chapter 40B.

# 5. Floodplain District

a.) Exception from §6.6.7, special permits, permit approval procedure is governed by Chapter 40B.

#### 6. Design and Site Plan Review

a.) Exception from design and site plan review under §7.3, permit approval procedure is governed by Chapter 40B.

#### 7. Special Permits

a.) Exception from §7.4, special permits, permit approval procedure is governed by Chapter 40B.

#### 8. Development Impact Report

a.) Exception from development and impact report under §7.5, permit approval procedure is governed by Chapter 40B.

#### II. OTHER NON-ZONING BYLAWS AND REGULATIONS

A. Water Department Regulations. Exception to the extent Section C (paragraphs 1 through 3) of the regulations for water main pipe extension require Applicant to

increase the size of proposed water pipes to accommodate future non-Project extensions.

#### ATTACHMENT B: LIST OF DOCUMENTS RECEIVED

#### APPLICANT'S SUBMITTALS

Application and Plans

Epsilon Associates response to Conservation Commission (12/9/03)

Revised Plans (6/8/06)

Financials including Pro Forma, Market Rent Study (9/30/03) and Appraisal (9/29/06)

Financial Pro Forma (12/4/06)

Traffic Impacts and Assessment Study

Requested Zoning Waivers

Unit Mix (12/1/06)

List of Requested Exemptions

#### **COMMENTS**

TOWN BOARDS/COMMITTEES

Uplands Advisory Committee (9 comment

letters)

Board of Health

Housing Trust

Historic Commission

Fire Department (4)

School Department (2)

Board of Selectmen

Community Development

Conservation Commission

Planning Board

Police Department (3/15/06)

Police Department email (12/7/06)

Police Department email (12/28/06)

Public Works Dept. (3/15/06)

Response to Fire Dept - Rizzo (7/26/06)

#### OTHER PUBLIC COMMENTS

Sustainable Belmont

Mystic Rvr Wtrshd Assc

Kirwan

Bishop

Brownsberger Email (3/28/06)

Ltr from Clancy (5/11/06)

Ltr from Moore (12/19/06)

Cohen Comments (8/14/06 & 10/11/06)

Sewer System, Sumner Brown, (7/10/06)

Comments to Brown - FS&T (7/25/06)

Developer Responses (8/24/06)

Working Group Notes (10/16,10/23&10/31)

#### APPLICANT'S RESPONSE

SEB – Bob Engler (Affordable Housing Concerns) (2/9/06)

RIZZO ASSOCIATES (Site Design and Civil Engineering) (2/28/06)

ADD INC (Architecture) (2/23/06)

VANASSE & ASSOC. (Traffic) (2/27/06)

EPSILON ASSOCIATES (Draft and Final Response)- Environment (2/20 & 4/24/06)

NUTTER McCLENNEN & FISH (40B Process and Legal) (3/22/06)

#### PEER REVIEWS

Traffic – BSC Group (3/16/06)

Traffic – BSC Group Review of Response (5/4/06)

Traffic - BSC Group, Final Letter (7/26/06)

Site, Stormwater & Wastewater - Fay, Spofford & Thorndike (4/27/06)

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Wastewater - Fay, Spofford & Thorndike (5/17/06), not posted

Site & Stormwater - FS&T Review of Response (6/22/06)

Wastewater - Fay, Spofford & Thorndike (6/23/06)

Site Supplemental - Fay, Spofford & Thorndike (7/20/06)

Wastewater, Pumping Station - Fay, Spofford & Thorndike (7/25/06)

Environmental - FST, Wetlands & Wildlife, (4/24/06)

Environmental - FST, Wetlands & Wildlife Review of Response (5/31/06)

Environmental - FST, Wetlands & Wildlife Review of Response (6/23/06)

Environmental - FST, Wetlands & Wildlife Review of Site Change (11/27/06)

Financial - Jacobs (12/4/06)

Traffic (review of narrowing Acorn Park-BSC Group, (12/7/06)

Review of Driveway Alternative - BSC Group (2/7/07 email)

#### **RESPONSES TO REVIEWS**

Traffic/BSC Group - Vanasse & Associates (4/28/06)

Site Traffic/BSC Group - Rizzo Associates (5/3/06)

Site & Stormwater/FS&T - Rizzo Associates (5/4/06)

Wastewater/FS&T - Rizzo Associates (5/30/06)

Environmental/Fay, Spofford & Thorndike - Epsilon Associates (5/24/06)

Final Site & Stormwater/FS&T - Rizzo Associates (6/8/06), long, not posted

Stormwater - Rizzo Associates (6/26/06)

Driveway Entrance - Rizzo/Vanasse Associates (6/29/06)

Stormwater, 8.2' FEMA - Rizzo Associates (7/6/06)

Technical Calculations - Rizzo Associates (7/18/06), not posted

Semi-annual inspection reports - Rizzo Associates (7/19/06), not posted

Re: widening Acorn Park Dr - Vanasse Associates (11/22/06)

Environmental Review of Revised Site Plan - Epsilon Associates (12/4/06)

Wastewater (Cambridge vs Tank) - Rizzo Associates (12/5/06)

Wastewater (MWRA 5 year data)- Rizzo Associates (12/6/06)

Revised Dimensional Setbacks - Rizzo Associates (2/7/07)

#### OTHER REVIEWS

Wastewater - Citizens Forum, Norfolk Ram Group

#### COMMUNICATIONS

Alcorn Cunningham Haller Marinell Duffy, D.

First Parish Church of Cambridge Goldberg
Brownsberger email re: S. 1909 Frankel (ema

Cambridge Conservation Commission
Email from Gallant

Velie/Stadler
Town of Arlington (2)

Town of Arlington (2)

Dohanian

Passero & Kirwan

Frankel (email)
Nuscher
Hickey
Hanely
Sodini
McGurl
Caputo et al

Duffy/Paulsen Baram (email) Mass (2) Passero (2) Canavan Sorkin Connolly (2) Hartman Fuller
Bass
Sciascia
Lambert
Brown (2)
Petition, High School Environmental Club
Katragadda email
Belmont Board of Selectmen (1/10/07)

#### **MISCELLANEOUS**

Friends of Alewife Reservation (Large Packet Mass (email, 3/20/06)
Nutter McClennan & Fish (4/18/06)
Nutter McClennan & Fish (5/19/06)
Uplands Alternative Group
Statement by Kit Drier
City of Cambridge Resolution, Unofficial copy

S. 1909, Unofficial Copy of Act

BSC response re: S. 1909

Rizzo Associates, re: test pit locations

Unofficial FEMA Maps submitted by Rizzo Assoc Nutter McClennan & Fish re: comparison of CR lands Mystic River Watershed Assoc - Water Quality Data

Petition re: MEPA Review

Kaiser - Model for Establishing Mitigation Ratio

Sewer - memo from OCD and DPW example of license

Arlington Redevelopment Board

Presentation - Katuska, Brown, etc. (12/6)

Uplands Alternative Group (10/16/06)

Board of Selectmen (10/23/06)

Email comment from Applicant (10/10/06)

Board of Selectment Motion

Applicant submittal - HAC Decisions re: schools

Memo to Soloman (9/18/06)

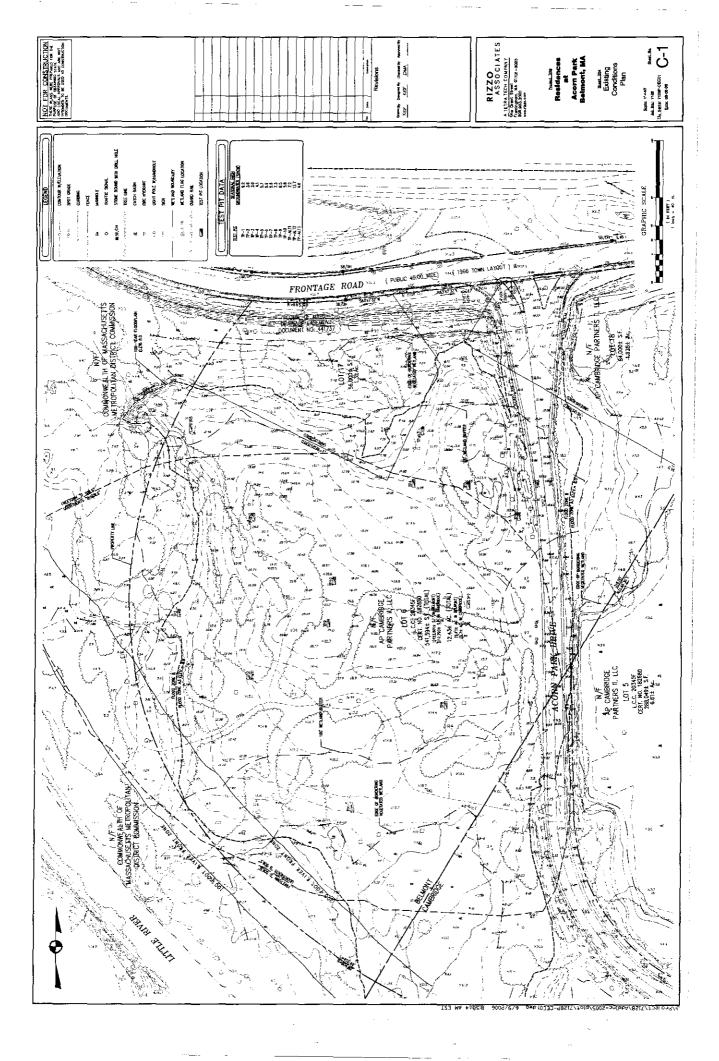
Bass Testimony (12/6/06)

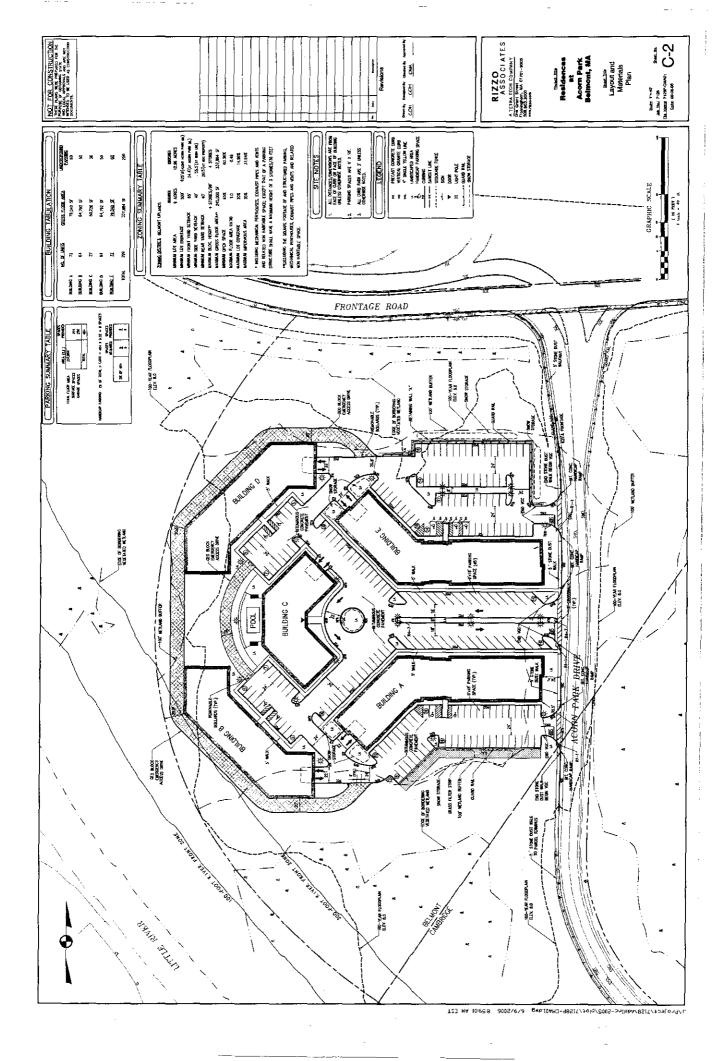
Cmbrdge Sewer Connection 2003 - Mass

Town of Arlington

Belmont Selectmen Letter (1/10/07)

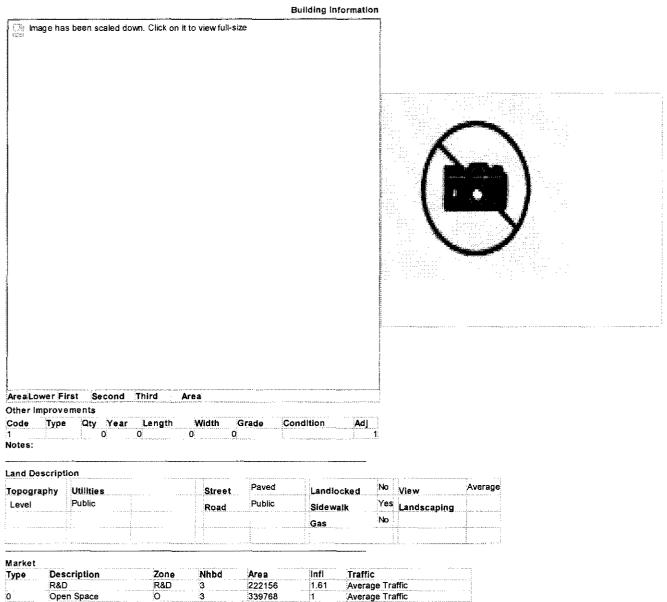
SITE PLANS







Assessment Date: January 1, 2010 Print This Page FY 2011 Tax Rate for Belmont, MA: \$13.24 Parcel Information: Assessed Values Location: 1 ACORN PARK RD Year Total Value 2011 Market Value Parcel ID: 40-1--\$12,431,000 2011 390 Dev. Land 2010 \$12,431,000 Class: \$12,431,000 Land 2009 \$12,516,000 Commercial Type: Building 2008 \$12,516,000 Lot Size: 561.924 2007 \$13,879,000 Other \$0 2006 \$13,327,000 Census: 0 2005 \$13,381,000 Zoning: R Total \$12,431,000 2004 \$13,435,000 Survey#: 0 2003 \$11,873,000 2002 \$1,296,000 2001 Owner Information \$1,008,000 2000 \$882,000 AP CAMBRIDGE PARTNERS II LLC Name: 1999 \$781,000 C/O ONEILL PROPERTIES 1998 \$521,000 1997 \$521,000 \$502,000 1996 2701 RENAISSANCE BLVD 4THFLOOR Address: 1995 \$416,000 KING OF PRUSSIA, PA 19406 1994 \$406,000 1993 \$427,000 Notes: St# assigned for locational purposes only (no official # from T. Clerk), Effect. FY02 is 1.926 acres 1992 \$427,000 per memo from Comm. Dev. 1/16/01; was previously 1.97 acres. 1.926 acres is amt of land in Belmont only. Merged with 40-2 & 40-3 for Fy 2003. 1991 \$409,300 **Building Information** 🧎 Image has been scaled down. Click on it to view full-size



Inspection Information					Permit Information				
Date	Inspector	Entry			Date	%Comp	Value	Notes	
6/1/1984	TWN	Not App	licable. L		1/1/1900	-	0	\$0.00	
								******************************	
Date	Price	**************************************	Vol	Page Seller		Valid Code	www.co.co.co.co.co.co.co.co.co.co.co.co.co.	nrowers	
Sales Info Date 7/2/1999	Price \$1		Voi			Valld Code J. undivided inte	erest	nrowers	

Disclaimer





# FISCAL AFFAIRS



# Property Database Search Results

#### Back to the Show Property Details

#### 37 Acorn Pk

#### Property Information:

Property Class:

RES-UDV-PARK LND

State Class Code:

1322 SD-4

Zoning (Unofficial): Map/Lot: Land Area:

267.1-239 402.232

#### Property Value:

Year of Assessment: 2011
Tax District R7
Residential Exemption: No

Residential Exemption: N Building Value:

Land Value: \$402,200
Assessed Value: \$402,200
Sale Price: \$0

Book/Page:

1230/ 57 November 17, 2000

Sale Date: Previous Assessed Value:

\$402,200

#### Owner Information:

Owner(s): AP CAMBRIDGE PARTNERS LLC. TR. ACORN,

PARK HOLDINGS REALTY TRUST C/O ACORN PARK I REALTY TRUST 250 FIRST AVE., STE 200

NEEDHAM, MA 02494

Back to Search Results

#### **Building Information:**

< Previous Property

Next Property >

Search Again



Click on Photo to view larger image.

#### Related Information:

- · GIS Map of this Property
- Show PDF Map
- Taxes

No Sales with comparable location and/or physical attributes were found. Assessments are based on a market analysis of all valid sales for the subject's property class and the sales displayed are for comparison purposes only.

This page contains much of the information used by the City of Cambridge to assess properties. The purpose of this information is to be used only for ad valorem taxation purposes and any other use is therefore not valid.

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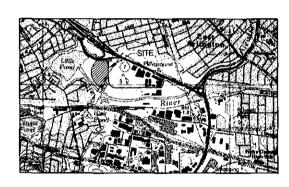


# Comprehensive Permit Application Town of Belmont - Zoning Board of Appeals

December 6, 2005

# Residences at Acorn Park

Acorn Park Drive Belmont, Massachusetts



Applicant:

AP Cambridge Partners II, LLC 700 South Henderson, Suite 225 King of Prussia, PA 19406

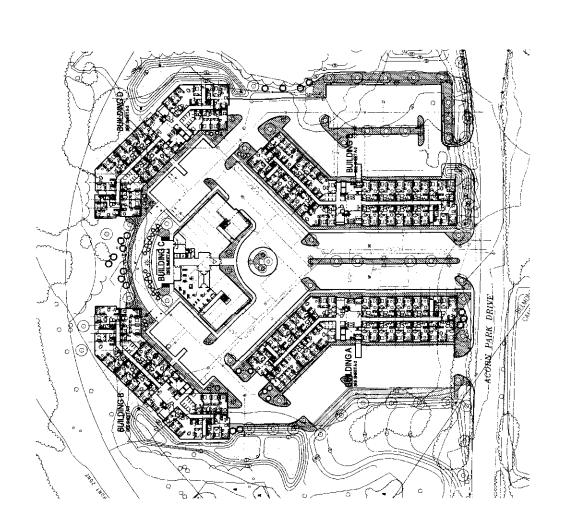
Civil Engineer: Rizzo Associates One Grant Street Framingham, MA 01701-9005

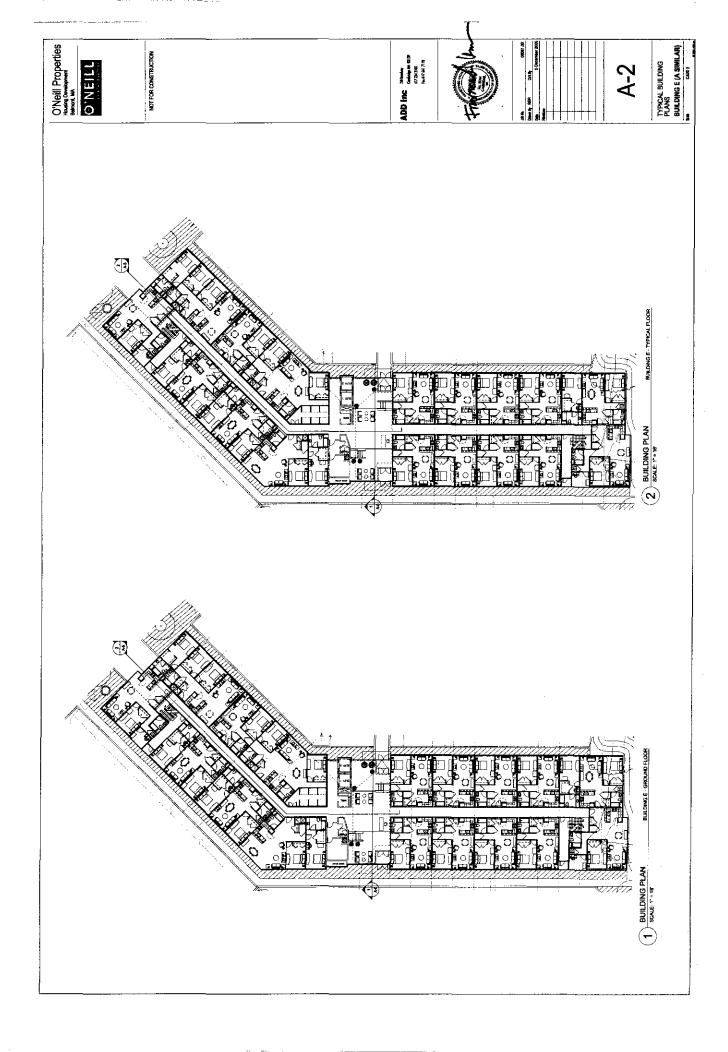
Traffic Engineer: Vanasse & Associates, Inc. 10 New England Business Center Andover, MA 01810 Environmental Consultants: Epsilon Associates, Inc. 3 Clocktower Place, Suite 250 Maynard, MA 01754

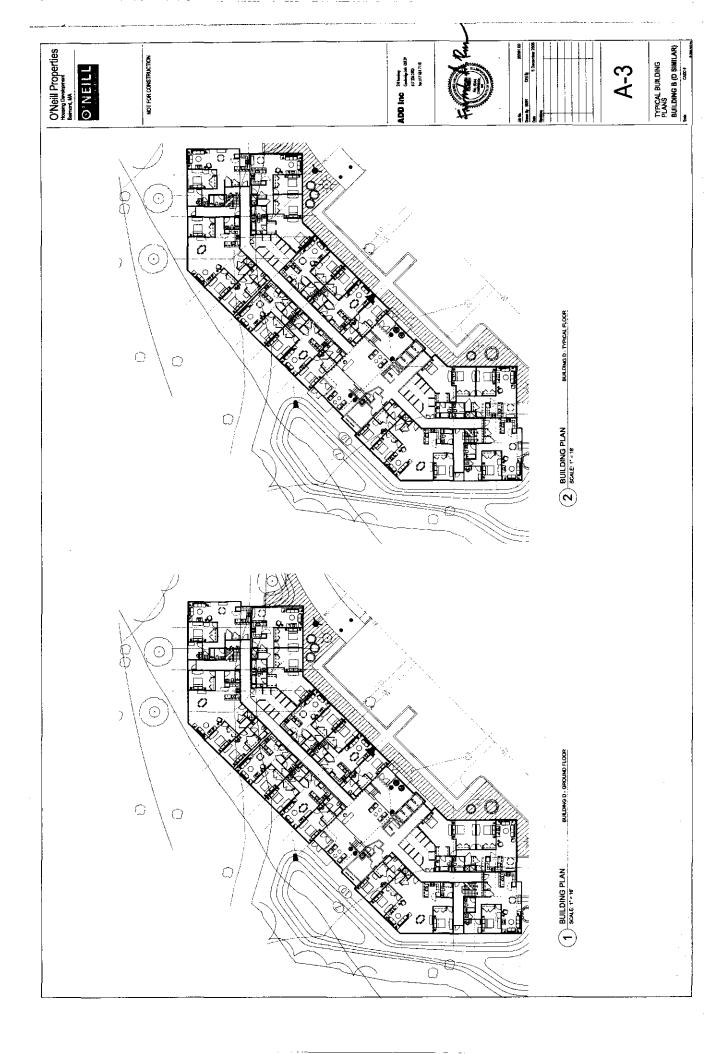
Architect: ADD INC. 210 Broadway Cambridge, MA 02139

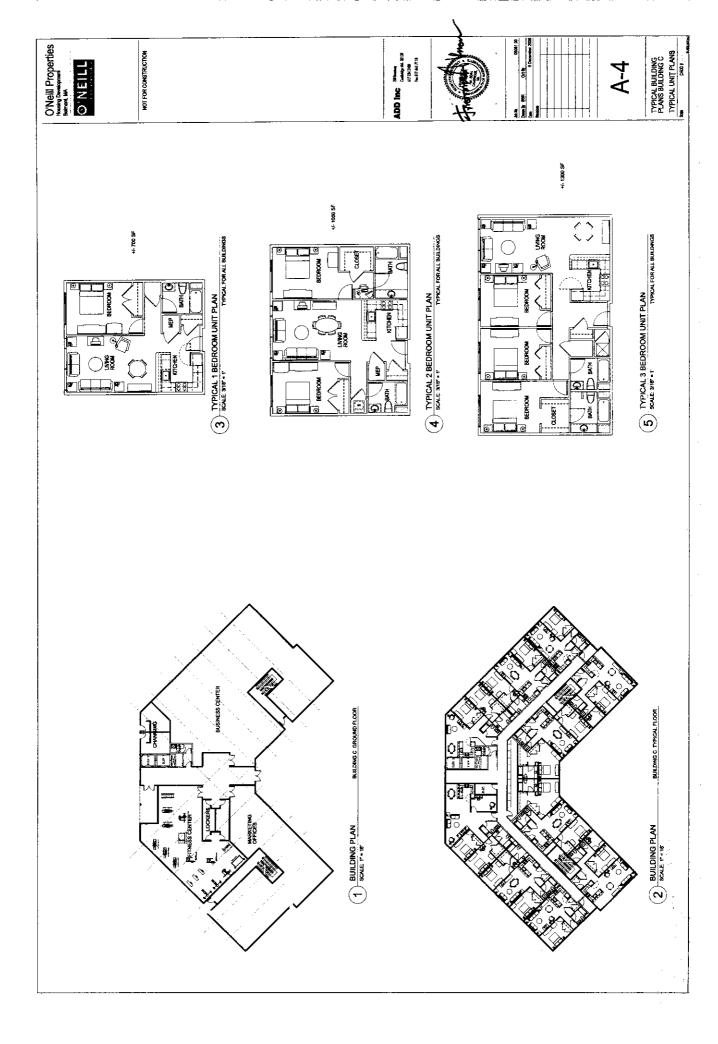
Legal Counsel: Nutter, McLennen & Fish, LLP 155 Seaport Boulevard Boston, MA 02210 Development Consultant: Stockard Engler Brigham, LLC 10 Concord Avenue Cambridge, MA 02138

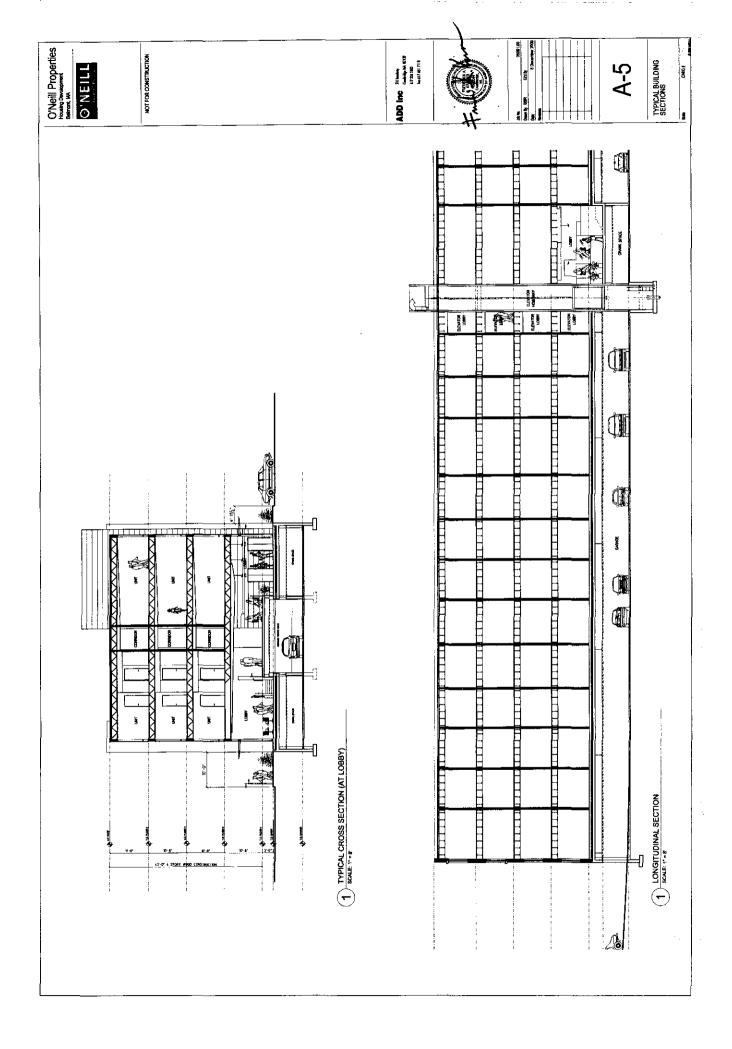
Sheet N	o. Sheet Title	Sheet No.	Sheet Title	Sheet No.	Sheet Title
	Cover Sheet	C-7	Lighting Plan	A-1	Architectural Site Plan
C-1	Existing Conditions Plan	C-8	Construction Details	A-2	Typical Plans - Building E (Building A similar)
C-2	Site Layout and Materials Plan	C-9	Construction Details	A-3	Typical Plans - Building B (Building D similar)
C-3	Grading and Drainage Plan	C-10	Construction Details	A-4	Typical Plans - Building C
C-4	Erosion Control Plan	C-11	Water and Sewer Extension Plan	A-5	Typical Building Sections
C-5	Utility Plan			A-6	Typical Building Elevations
C-6	Landscape Plan				,, <u> </u>

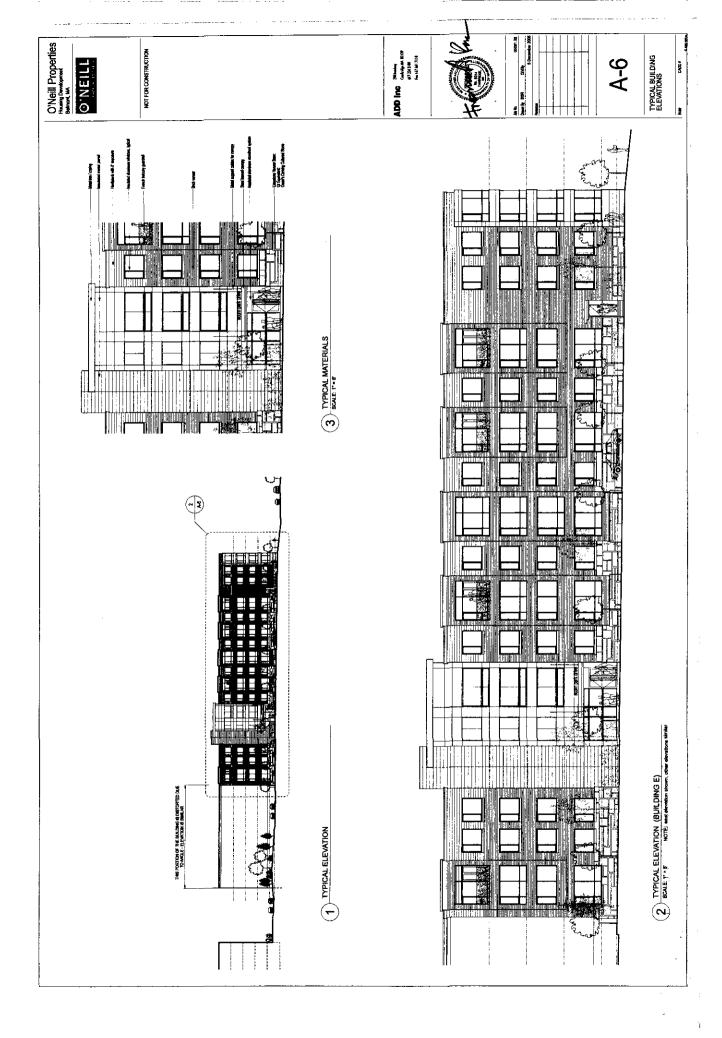


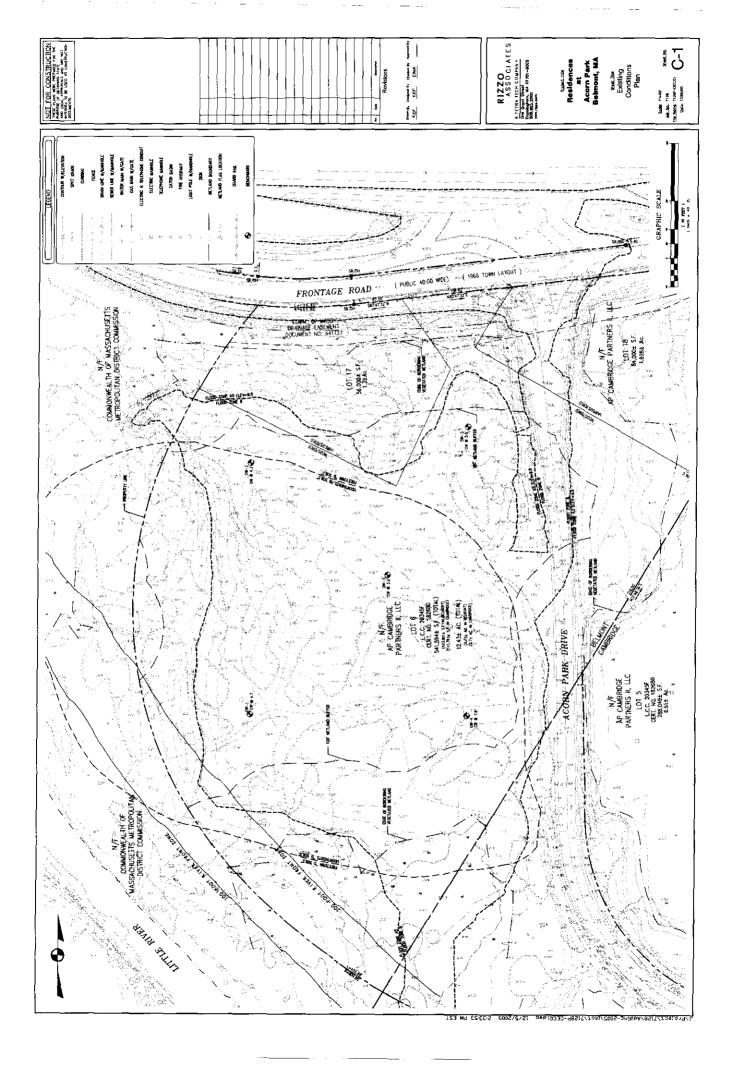


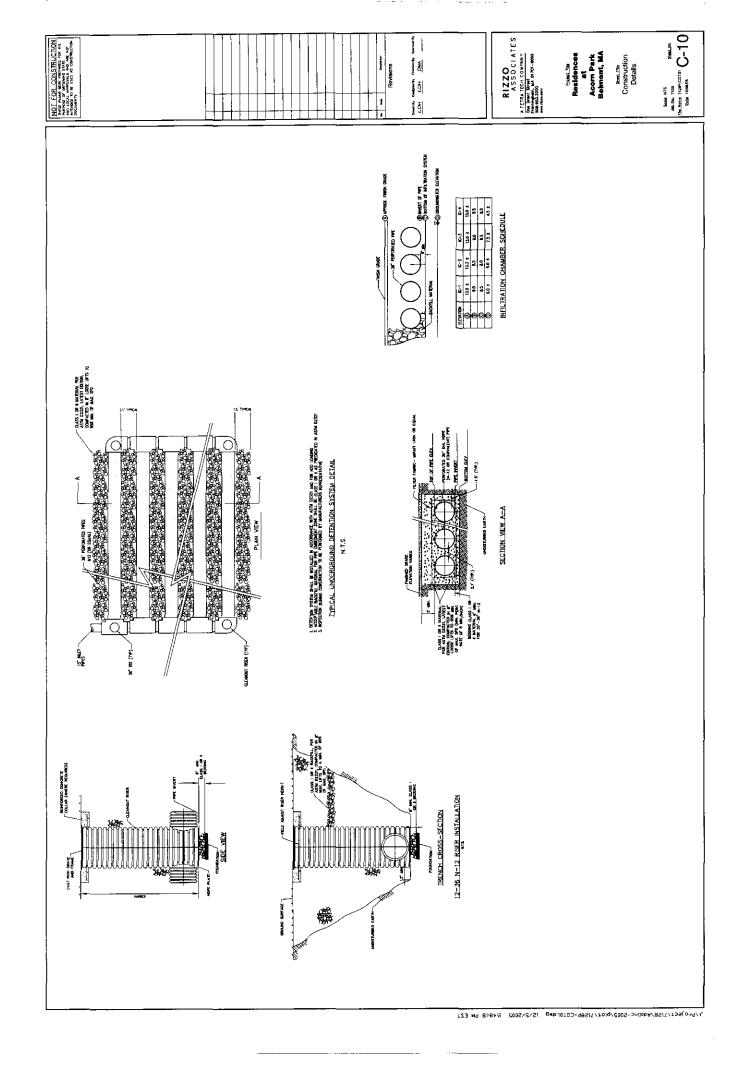


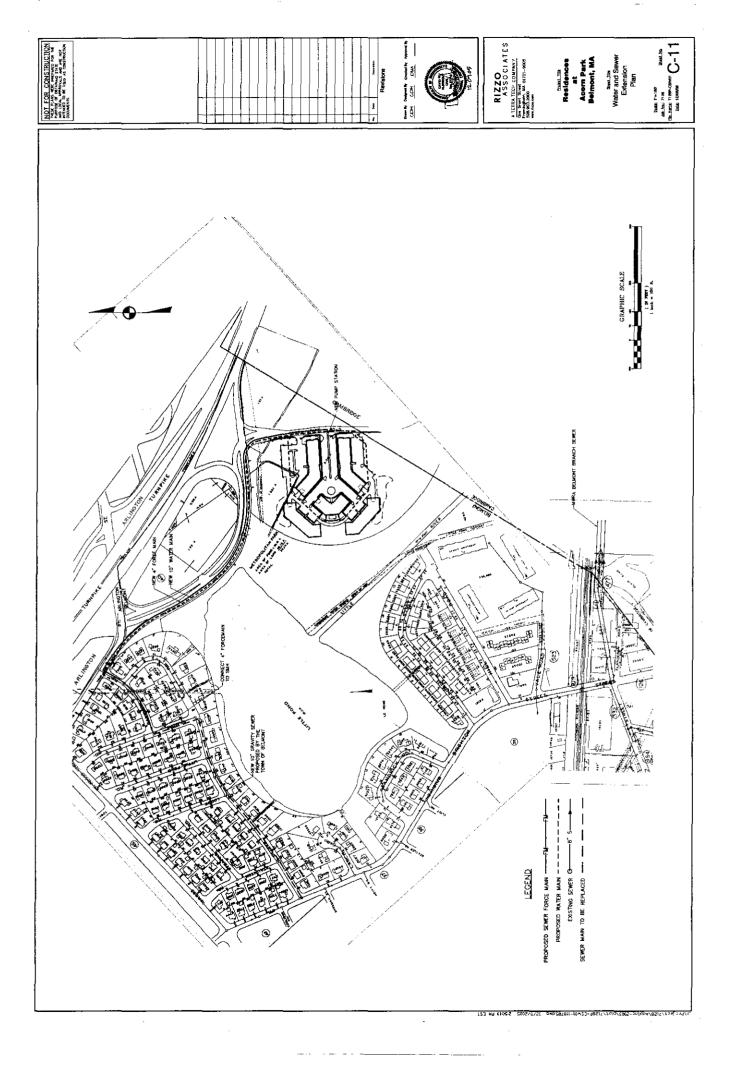




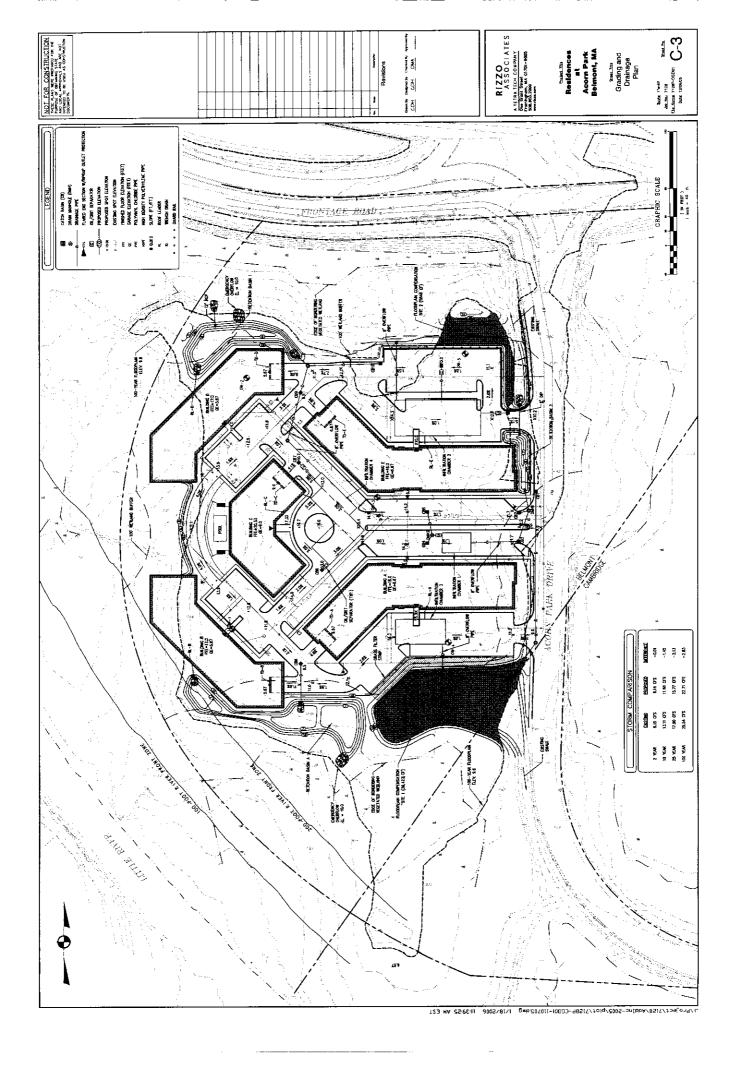


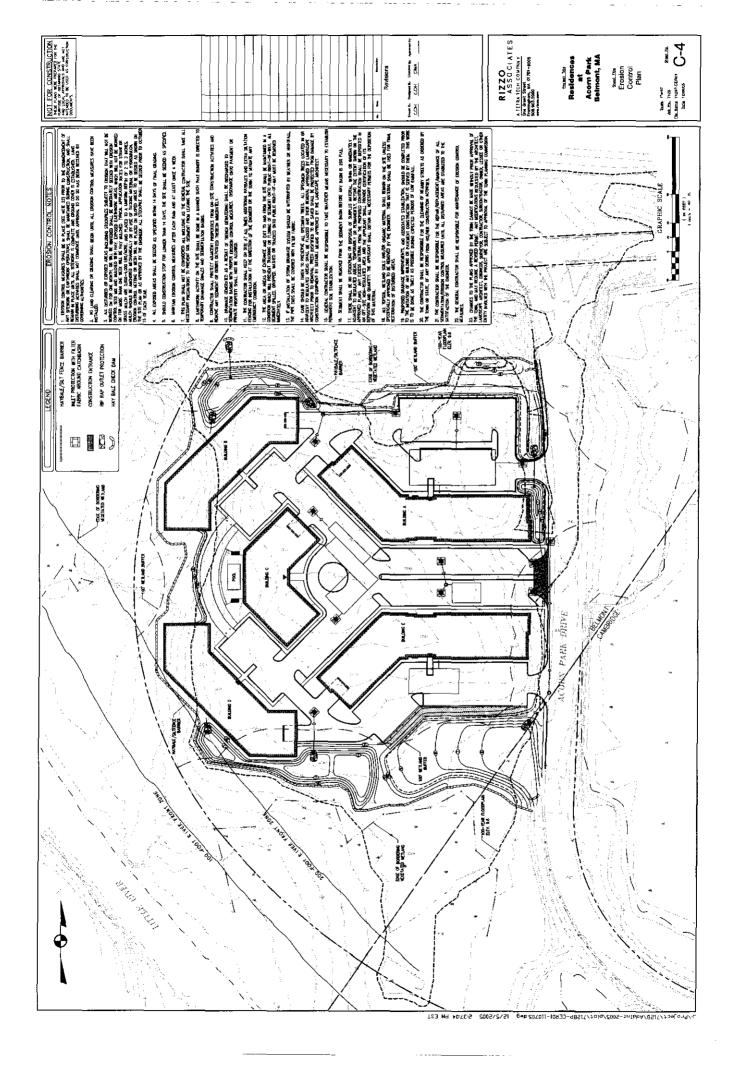


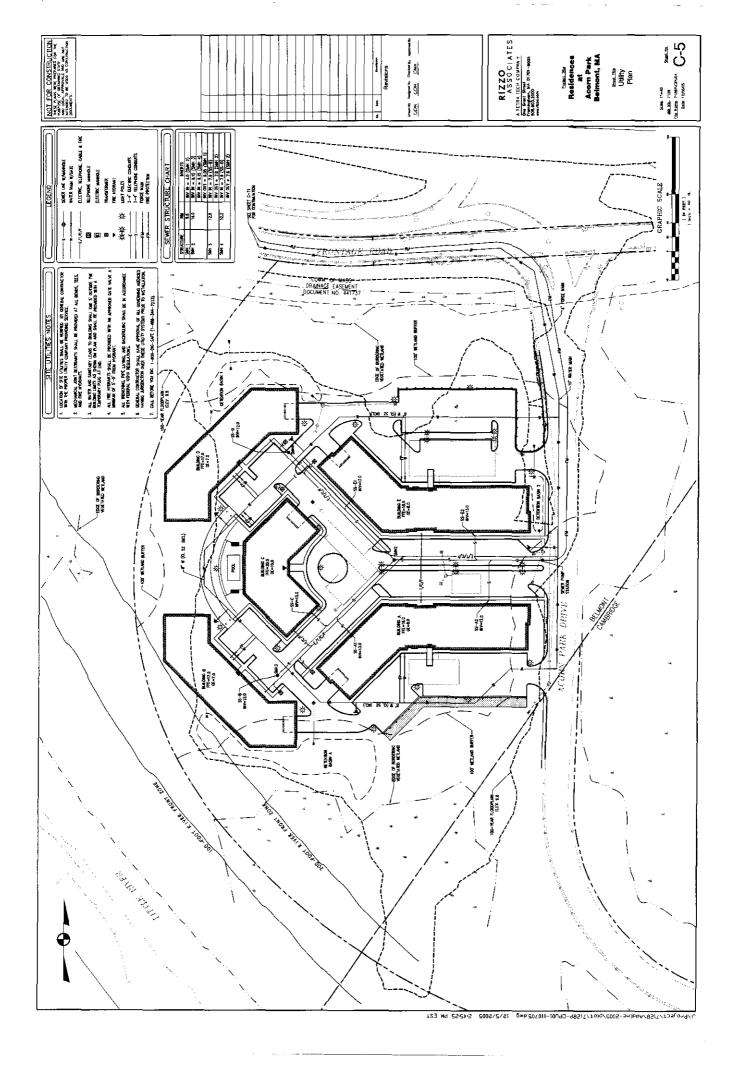


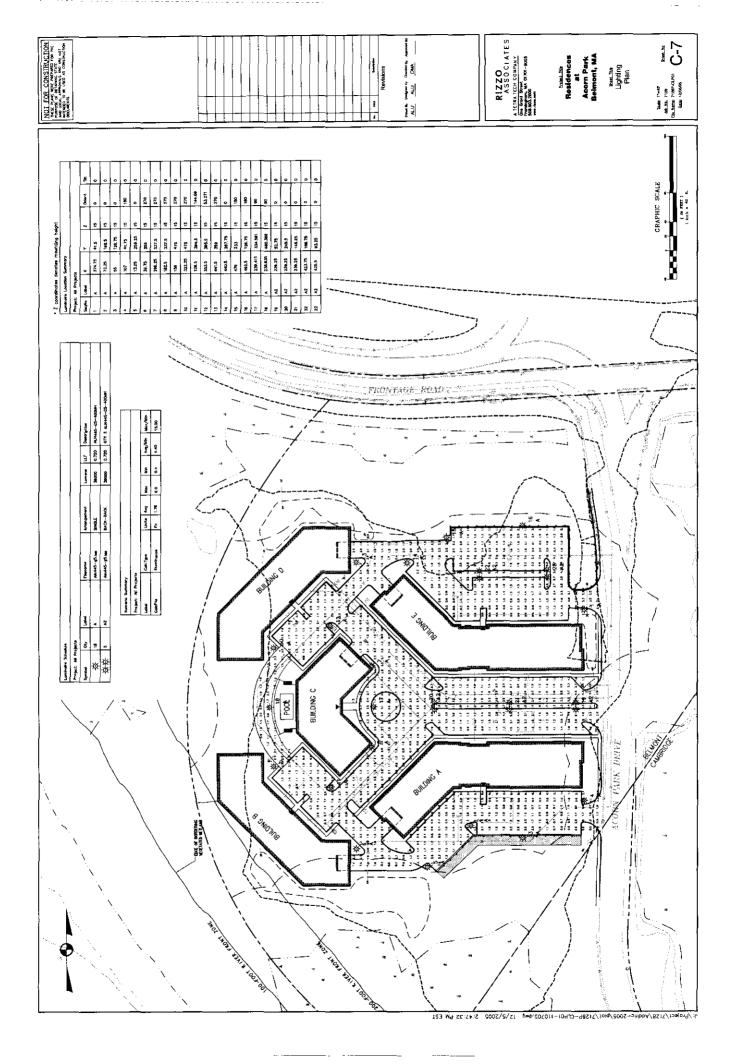


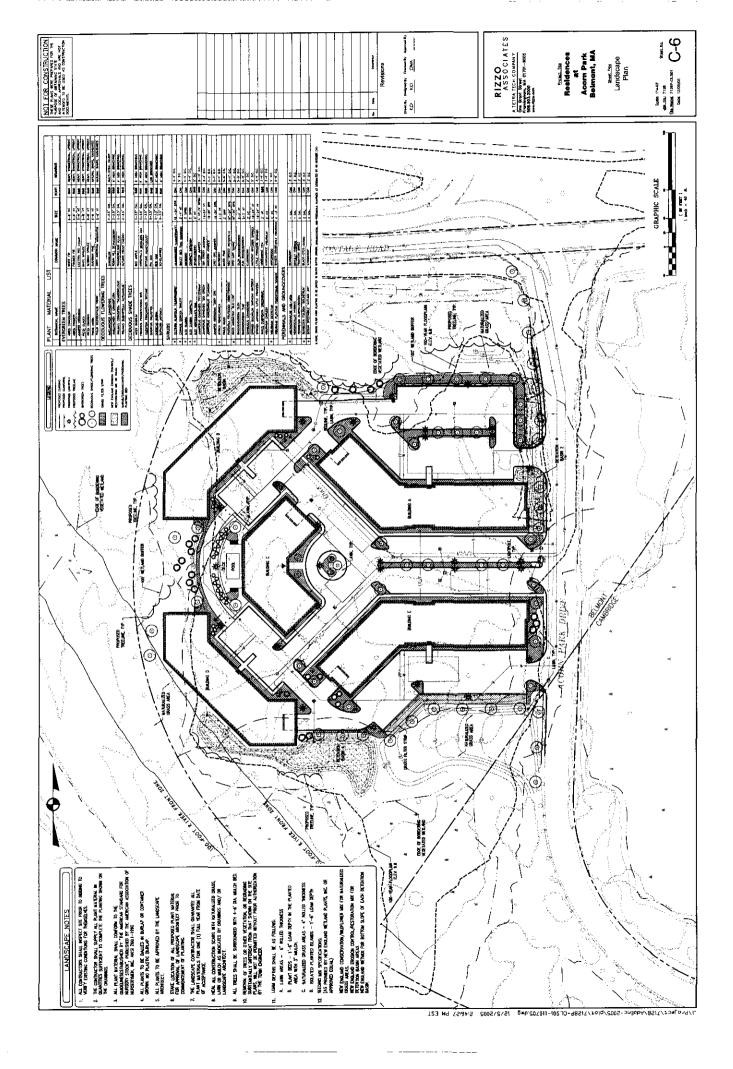
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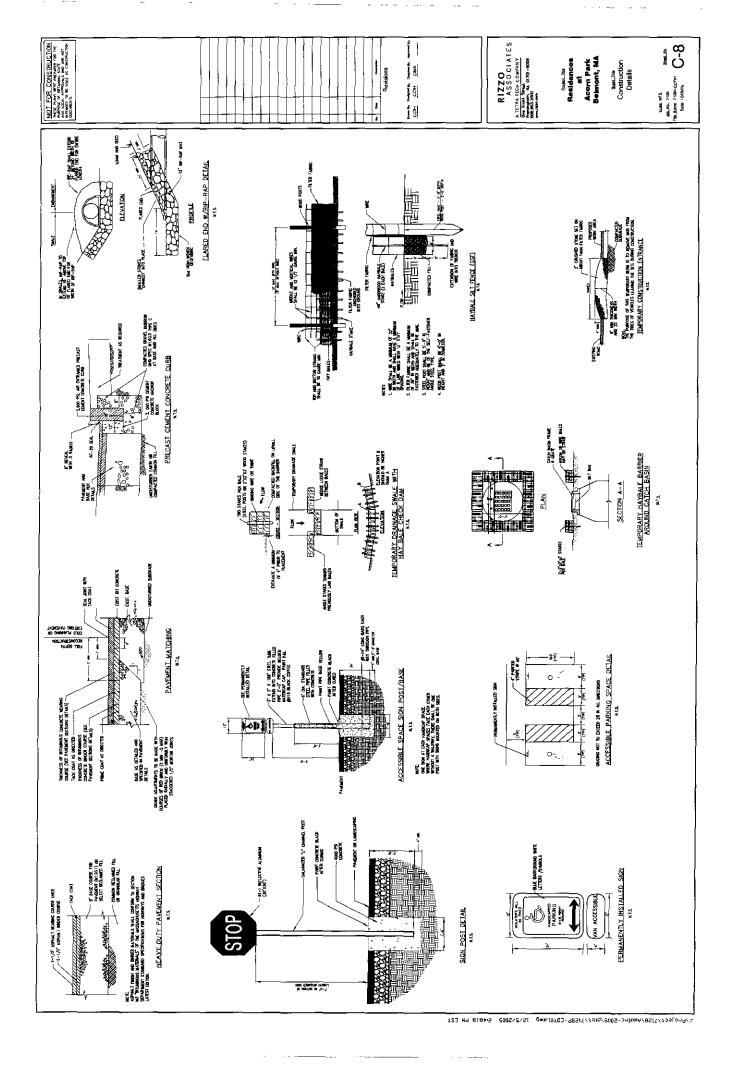


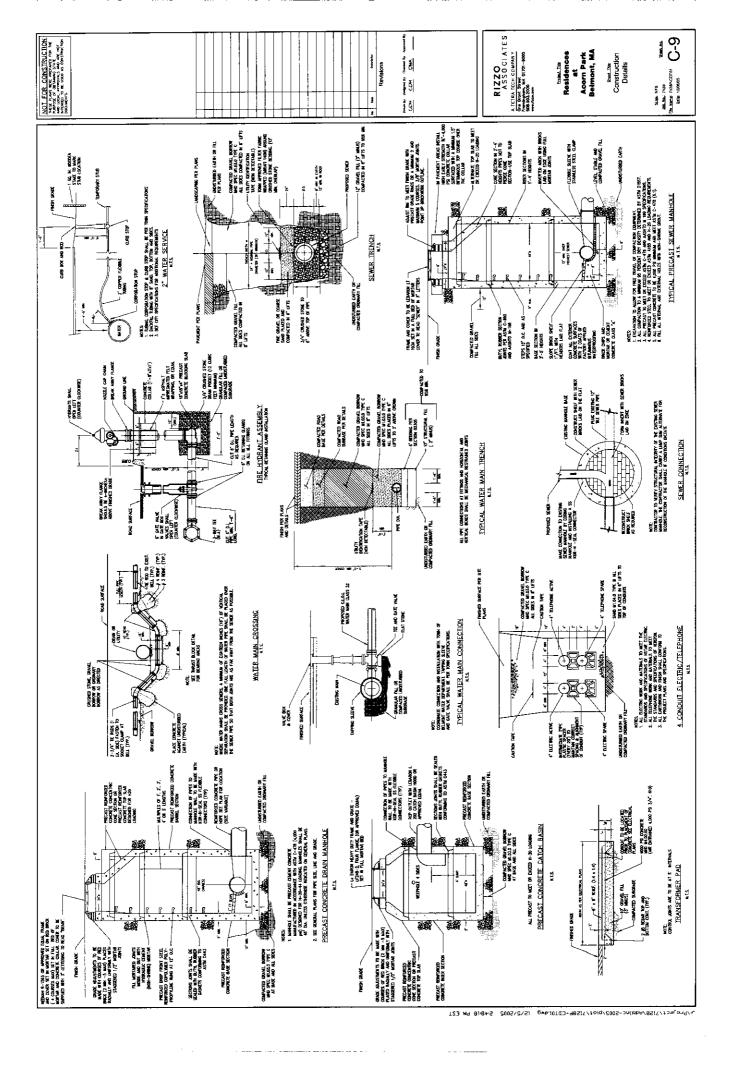




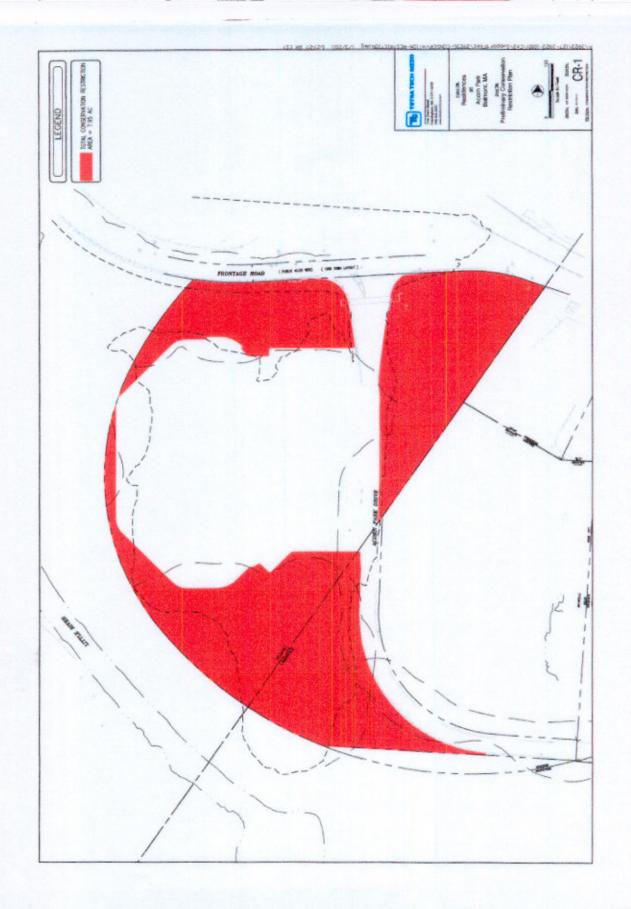




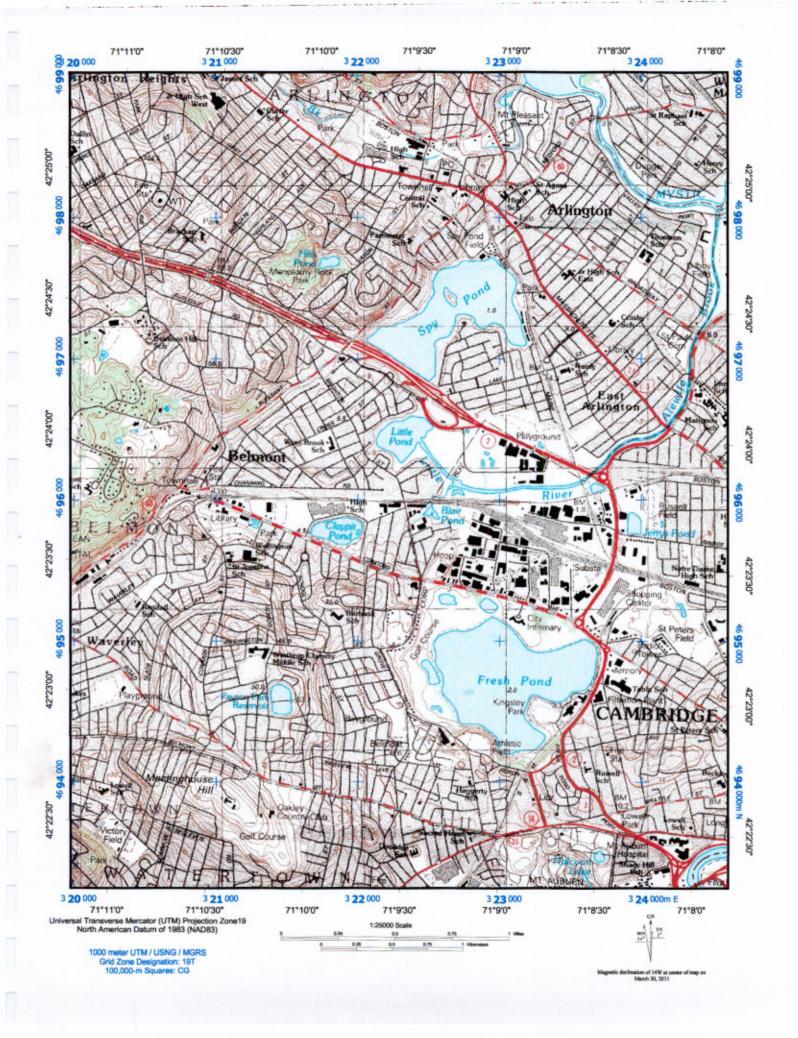




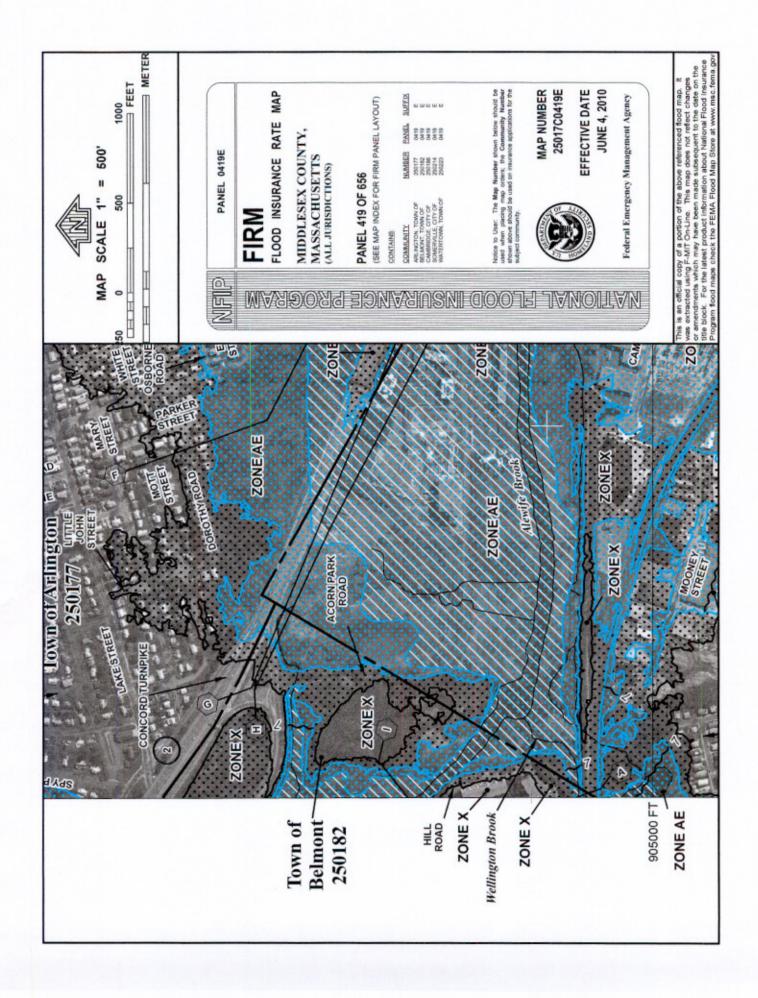








**FLOOD MAP** 





# **SECTION 3. USE REGULATIONS**

USES	DISTRICTS						non operation des Tribilités dinteré non supposition Operation des		
	SR- A,B,C,D	GR	AH	LB I	LB II	LB III	GB	PL	
AGRICULTURE	}								
Keeping of livestock other than domestic pets	SP	SP	N	N	N	N	Y	N	
Other agriculture	Y	Y	Y	Y	Y	Y	Υ	Υ	
BUSINESS	:				!				
Note: See §3.5, Major Development, for business uses involving more than 40,000 square feet floor area									
Commercial off-street parking lots	N	N	N	N	N	N	SPS	SP	
Motor vehicle repair, sales, and rental	N	N	N	N	SP	N	SP	N	
Motor vehicle service station (see §6.7)	N	N	N	N	SP	N	SP	Ν	
Motorized equipment sales, service and rental including equipment powered by internal combustion engine over 10 hp	N	N	N	N	SPS	N	SPS	N	
Catering Service:  > Up to 5,000 square feet  > More than 5,000 square feet  Note: §3.3 was amended by Article 10 at the 2003 Special Town Meeting.	2 2	N N	2 2	Y SP	Y SP	Y SP	Z Z	Z Z	
Restaurant:  > Up to 10,000 square feet  > More than 10,000 square feet  Note: §3.3 was amended by Article 10 at the 2003 Special Town Meeting.	2 2	N N	2 2	Y SP	Y SP	SP SP	SP SP	Z Z	
Restaurant, Fast Food  Note: §3.3 was amended by Article 10 at the 2003 Special Town Meeting.	N	N	N	SP	SP	SP	SP	Ν	
Restaurant, Take Out Note: §3.3 was amended by Article 10 at the 2003 Special Town Meeting.	N	N	N	N	SP	SP	SP	N	
Place of assembly, amusement, or athletic exercise	N	N	N	SP	SP	N	SPS	N	

uses	DISTRICTS							
	SR- A,B,C,D	GR	AH	LB I	LB II	LB III	GB	PL
Other retail sales and services	N	N	N	SPS	SPS	SPS	SPS	N
Office	N	N	N	SPS	SPS	SPS	SPS	N
Manufacturing or fabrication of products of which the major portion is to be sold at retail on the premises and not more than 8 operatives are employed in the manufacturing or fabrication process	N	N	N	SPS	SPS	SPS	SPS	N
Other manufacturing and warehousing	N	N	N	N	N	N	SPS	N
Wireless Telecommunications Facility (see §6.8) Note: §3.3 was amended by Article 27 at the 1998 Annual Town Meeting.	SP	SP	SP	SP	SP	SP	SP	SP
PUBLIC AND SEMI-PUBLIC								
Religious or educational use exempted from prohibition by Section 3 of Chapter 40A, G.L.	Y	Υ	Y	Y	Y	Υ	Y	Υ
Private school conducted for profit, including nursery, dancing and music schools	SP	SP	N	Y	Y	SP	Y	N
Day care center  Note: §3.3 was amended by Article 28 at the 2006 Annual Town Meeting.	Y	Y	Υ	Y	Y	Y	Y	N
Family day care home  Note: §3.3 was amended by Article 28 at the 2006 Annual Town Meeting.	SP	SP	SP	SP	SP	SP	SP	N
Child Care, Large Family Note: §3.3 was amended by Article 6 at the 1999 Second Special Town Meeting.	SP	SP	SP	SP	SP	SP	SP	N
Hospital or sanitarium	SP	SP	N	N	N	N	N	N
Philanthropic use	SP	SP	N	Y	Υ	Y	Υ	N
Private club or lodge owned by members and customarily conducted as a nonprofit activity:  > operated for members only > other	SP N	SP N	N N	Y	Y	SP SP	Y	N N

	Polinikasii See Riist Zalist (a Riist (aasii s			DISTRI	CTS			
USES	SR- A,B,C,D	GR	AH	LB	LB II	LB III	GB	PL
Municipal recreational use	Y	Y	Y	Υ	Υ	Υ	Υ	N
Municipal cemetery	SP	SP	N	N	N	N	Y	N
Other municipal use	SP	SP	SP	Y	Y	Y	Υ	Υ
School-aged child care home Note: §3.3 was amended by Article 39 at the 1994 Annual Town Meeting.	SP	SP	SP	SP	SP	SP	SP	N
RESIDENTIAL								
Detached single-family dwelling	Y	Y	N	SP	SP	SP	N	N
Two-family dwelling	N	Y	Y	SP	SP	SP	N	N
Conversion of large public buildings or public or private school buildings:  > With 10,000 square feet of gross floor area or less (see §6.3B)  > With more than 10,000 square feet of gross floor area (see §6.3A)  Note: §3.3 was amended by Article 5 at the 2005 Special Town Meeting.	SP SP	SP SP	SP SP	Y SP	SP SP	SP SP	SP SP	Z
Elderly housing (see §6.4)	SP	SP	SP	N	N	N	N	N
Cluster development (see §6.5)	SP	N	N	N	N	N	N	N
Other apartment house	N	N	SP	N	N	N	N	N
ACCESSORY USES								
Home occupation (see §3.4.2)	Y	Y	Υ	Y	Y	Υ	Υ	N
Lodging and Boarding  for daily or weekly periods  for longer periods only	SP Y	SP Y	SP N	Y Y	Y Y	Y Y	Y Y	N N
Mixed-Use – provided that at a minimum the first floor is to be reserved for commercial use and that the residential use comply with §6.10, Inclusionary Housing  Note: §3.3 was amended by Article 26 at the 2003 Annual Town Meeting.  Note: §3.3 was further amended by Article 17 at the 2007 Annual Town Meeting.	N	N	N	SP	SP	SP	N	N

USES	DISTRICTS							
	SR- A,B,C,D	GR	AH	LB L	LB II	LB III	GB	PL.
A noncommercial greenhouse; a tool shed used for the storage of tools, yard and household equipment or other similar accessory buildings (see §4.3.5)  Note: §3.3 was amended by Article 28 of the 2006 Annual Town Meeting.	Y	Y	Y	Z	N	N	Y	N
Commercial provision for the care and recreation of dogs in completely fenced-in area for not more than one hour per day. The Board of Appeals shall consider the size and relationship of the lot to adjacent residential lots, and shall determine whether that size and relationship is adequate to accommodate the use without imposing undue noise, visual, and traffic impacts on the adjacent residential lots; it shall, after (and if) making a determination of the adequacy, impose such conditions on hours of use, number of animals accommodated at a given time, fencing, screening or other measures to contain the activity and minimize its impacts  Note: §3.3 was amended by Article 29 at the 1995 Annual Town Meeting.	SP	Z	Z	Z	N	N	N	Z
Swimming pools and tennis courts and other similar recreational facilities (see §6.1)	Y	Y	SP	SP	SP	SP	N	N
Windmills	SP	SP	N	SP	SP	SP	SP	N
A garage for more than 3 vehicles or containing more than 660 square feet floor area	SP	SP	SP	Y	Υ	Y	Y	Y
Open lot storage or parking of a boat, boat trailer, house trailer, camping trailer, motor home, commercial trailer, or commercial vehicle  Note: §3.3 was amended by Article 27 at the 2001 Annual Town Meeting.	SP	SP	N	Y	Y	Y	Υ	N

USES			(	DISTRI	стѕ			
	SR- A,B,C,D	GR	AH	LB I	LB II	LB III	GB	PL
Open lot parking for not more than 3 vehicles accessory to a single-family dwelling, and not more than 2 vehicles per dwelling unit or 5 vehicles per structure for other dwellings	Y	Y	Y	Y	Y	Y	Y	Υ
Open lot parking in excess of the above accessory to residential use	SP	SP	Y	Y	Y	Y	Y	Y
Shared Institutional Parking:  > By Town departments  > Residential overnight parking  > Pick-up/drop-off of less than 30	Y	Y Y	Y Y	Y Y	Y Y	Y	Y Y	N N
minutes  > Public or private event parking	Y	Υ	Y	Y	Y	Y	Υ	N
of less than 24 hours  Day time use (6 am – 6 pm) by employees and/or customers using less than 30 spaces or 50% of the spaces in the lot, whichever is greater  Day time use of more than 30 spaces or more than 50% of spaces in the lot, whichever is greater	Y	Y	Y	Y	Y	Y	Y	X     Z
	SP	SP	SP	Y	Y	' Y	'   Y	N
<ul> <li>Evening use (6 pm – 6 am) by customers and/or employees</li> <li>Use by commercial vehicles</li> <li>Note: §3.3 was amended by Article 30 at the 2009 Annual Town Meeting.</li> </ul>	SP SP	SP SP	SP SP	Y	Y	Y	Y	X
Satellite antenna with a receiving dish with a visually coherent surface of 8.5 square feet or less or a diameter of one meter (39.37") or less (see §4.3.5)  Note: §3.3 was amended by Article 26 at the 1996 Annual Town Meeting.  Note: §3.3 was further amended by Article 18 at the 1999 Annual Town Meeting.	Y	Y	Y	Y	Υ	Y	Y	Y
Satellite antenna with a receiving dish with a visually coherent surface of 34 square feet or less or a diameter of two meters or less (see §4.3.5)  Note: §3.3 was amended by Article 25 at the 1996 Annual Town Meeting.  Note: §3.3 was further amended by Article 18 at the 1999 Annual Town Meeting.	SP	SP	SP	Y	Y	Y	Y	SP

USES	DISTRICTS							
	SR- A,B,C,D	GR	AH	LB I	LB	LB	GB	PL
Satellite antenna with a receiving dish with a visually coherent surface of more than 34 square feet or a diameter of more than two meters (see §4.3.5)  Note: §3.3 was amended by Article 25 at the 1996 Annual Town Meeting.  Note: §3.3 was further amended by Article 18 at the 1999 Annual Town Meeting.	SP	SP	SP	SP	SP	SP	SP	SP
Other uses customarily incidental to the principal uses herein	SP	SP	SP	Y	Y	Y	Y	Y
Interior Wireless Telecommunications Facility (see §6.8 and §7.3) Note: §3.3 was amended by Article 28 at the 1998 Annual Town Meeting.	Y	Y	Y	Υ	Y	Y	Y	Y
Other Wireless Telecommunications Facility (see §6.8) Note: §3.3 was amended by Article 28 at the 1998 Annual Town Meeting.	SP	SP	SP	SP	SP	SP	SP	SP

#### **SECTION 4. INTENSITY REGULATIONS**

#### 4.1 General Requirements

The erection, extension, alteration, or moving of a structure, and the creation or change in size or shape of a lot shall be permitted only in compliance with the intensity and dimensional requirements set forth herein, except as provided at Section 1.5, Non-Conforming Uses and Structures, and in Section 6, Chapter 40A, Massachusetts General Law, and except for lot line changes which create neither additional lots nor increase in nonconformity.

#### 4.2 Schedule of Dimensional Regulations

#### 4.2.1 Area Requirements

	MINIMUM LOT AREA	MINIMUM LOT FRONTAGE	MAXIMUM FLOOR AREA RATIO	MAXIMUM LOT COVERAGE	MINIMUM OPEN SPACE
DISTRICTS	SQ. FT.	FEET		% OF LOT	% OF LOT
SR-A	25,000	125		20%	50%
SR-B	12,000	90 _		25%	50%
SR-C	9,000	75		25%	50%
SR-D	25,000	125	==	20%	50%
GR	7,000²	70		30%	40%
AH	85,000 <sup>2</sup>	100		30%	40%
LBI		20	1.25 <sup>1</sup>		<del>-</del> -
LBII		20	1.05	35%	
LB III		20	1.05	35%	
GB		20			
PL					

<sup>1)</sup> In an LBI District, a floor area ratio up to a maximum of 1.5 may be allowed by Special Permit from the Board of Appeals (see §4.4).

<sup>2)</sup> But not less than 1,000 square feet per dwelling unit for multi-family dwellings in a GR District, 1,200 square feet per dwelling unit in an AH District.

#### 4.2 Schedule of Dimensional Regulations

#### 4.2.2 Linear Requirements

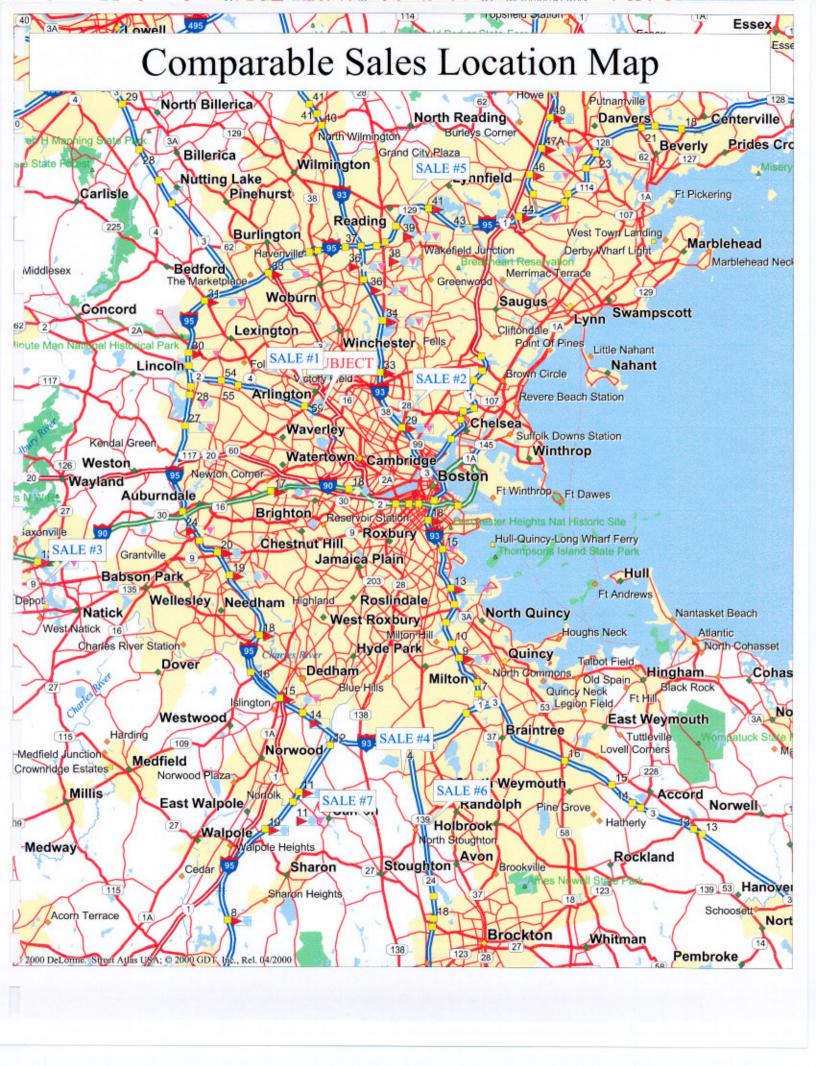
		MINIMUM SETBACK DIMENSIONS FEET <sup>®</sup>			MUM DING SHT <sup>1</sup>	
DISTRICTS	F <u>ro</u> nt	Side	Rear	Feet	Stories	
SR-A and SR-D  ➤ Dwelling  ➤ Other	30 <sup>2</sup> 30 <sup>2</sup>	15 15 <sup>6</sup>	40 <sup>3,4</sup> 25 <sup>6</sup>	36 <sup>5</sup> 36 <sup>5</sup>	2½ <sup>5</sup> 2½ <sup>5</sup>	
SR-B and SR-C  ➤ Dwelling  ➤ Other	25 <sup>2</sup> 25 <sup>2</sup>	10 10 <sup>6</sup>	30 <sup>3,4</sup> 25 <sup>6</sup>	36⁵ 36⁵	2½ <sup>5</sup> 2½ <sup>5</sup>	
GR ➤ Dwelling ➤ Other	20 <sup>2</sup> 20 <sup>2</sup>	10 <sup>7</sup>	20 <sup>3</sup> 12 <sup>6</sup>	33 33 <sup>5</sup>	2½ 2½	
AH	30	30	30_	60		
LBI	5	6 or none <sup>9</sup>	6 or none <sup>9</sup>	28	2 <sup>10,11</sup>	
LBII	10	0 <sub>9</sub>	20 <sup>9</sup>	32	2 <sup>10</sup>	
LB III	10	0 <sup>9,12</sup>	20 <sup>9</sup>	_ 28	2 <sup>10</sup>	
GB	5	6 or none <sup>9</sup>	6 or none <sup>9</sup>	36		
PL		<b></b>				

Note: §4.2.2 was amended by Article 24 at the 2003 Annual Town Meeting. §4.2.2 was further amended by Article 10 at the 2004 Special Town Meeting. §4.2.2 was further amended by Article 18 at the 2005 Annual Town Meeting.

#### 4.2.2 Schedule Footnotes:

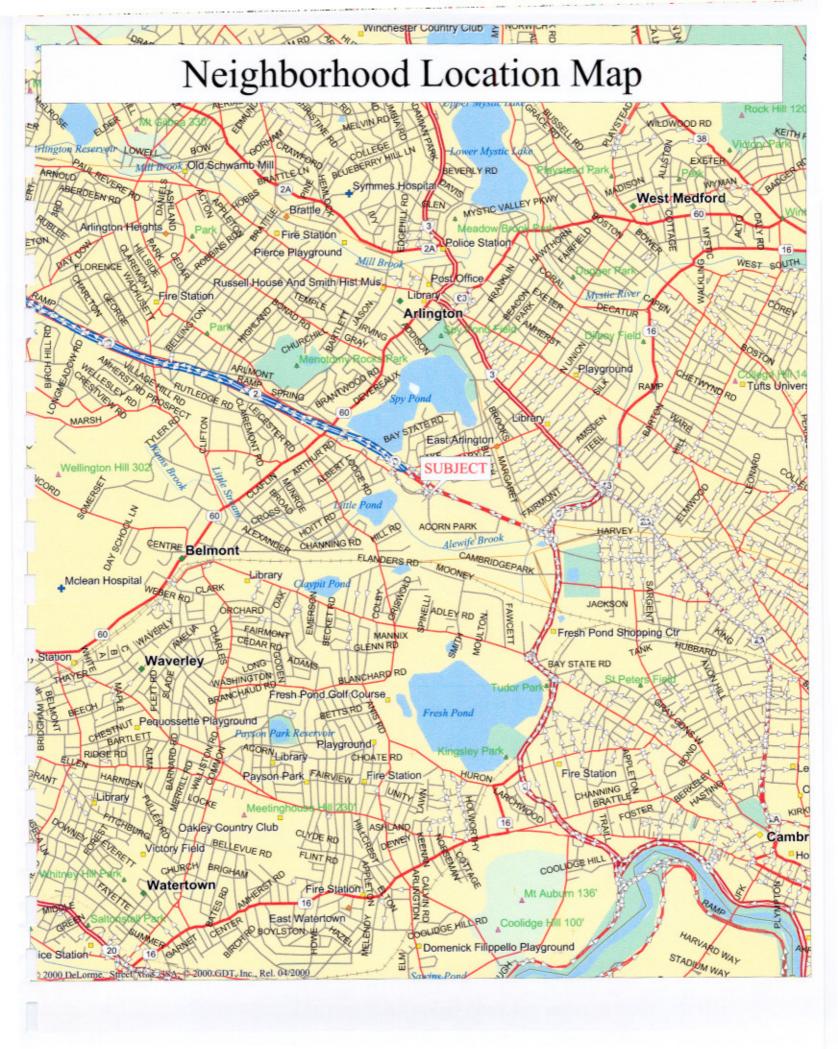
- 1) Chimneys, towers and other projections not used for human occupation may exceed the height limitations herein provided that, except for single vertical freestanding tubular antennae; any such projection above the building exceeding 10 feet or 20% of the building height, whichever is greater, shall be allowed by Special Permit only.
- 2) No building need be set back more than 30% of the depth of the lot in a Single Residence A or D District, 25% of the lot depth in a Single Residence B or C District,















Feb. 23, 2011

Mr. Jonathan Avery **Avery Associates** 282 Central St Acton, MA

### RE: PROFESSIONAL REAL ESTATE SERVICES - APPRAISAL

Dear Mr. Avery

Your proposal to perform professional real estate services on the property below has been approved by the Department of Conservation and Recreation.

P-000610

P-000611

File # P-610(Belmont) - File # P-611(Cambridge) - \$7,850 - due on or before April 13, 2011

# Please certify the appraisal to the Department of Conservation and Recreation and the Town of Belmont.

Please include file numbers on all reports. Please address all reports to me.

Sincerely,

**Brenda Griffiths** Realty and Finance Coordinator

COMMONWEALTH OF MASSACHUSETTS · EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS

Department of Conservation and Recreation 251 Causeway Street, Suite 600 Boston MA 02114-2119 617-626-1250 617-626-1351 Fax www.mass.gov/dcr



Governor

Lt. Governor

Deval L. Patrick Richard K. Sullivan Jr., Secretary Executive Office of Energy & Environmental Affairs

Timothy P. Murray Edward M. Lambert Jr., Commissioner Department of Conservation & Recreation

# LEXICON, DEFINITIONS AND ASSUMPTIONS

#### **APPRAISAL LEXICON**

#### **MARKET VALUE**

"The most probable price, which a property should bring in a competitive and open market under all conditions requisite to a fair sale, the buyer and seller each acting prudently, knowledgeably and assuming the price is not affect by undue stimulus. Implicit in this definition is consummation of a sale as of a specified date and passing of title from seller to buyer under conditions whereby:

- 1. Buyer and seller are motivated;
- 2. Both parties are well informed or well advised and each acting in what he considers his own best interest;
- 3. A reasonable time is allowed for exposure in the open market;
- 4. Payment is made in terms of cash in U.S. dollars, or in terms of financial arrangements comparable thereto; and
- 5. The price represents the normal consideration for the property sold unaffected by special or creative financing, or sales concessions granted by anyone associated with the sale." (1)

#### **FEE SIMPLE ESTATE**

Absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by the governmental powers of taxation, eminent domain, police power and escheat. (2)

#### **HIGHEST AND BEST USE**

The reasonably probable and legal use of vacant land or an improved property, that is physically possible, appropriately supported, financially feasible, and that results in the highest value. The four criteria the highest and best use must meet are legal permissibility, physical possibility, financial feasibility and maximum productivity. Alternatively, the probable use of land or improved property – specific with respect to the user and timing of the use – that is adequately supported and results in the highest present value. (3)

#### LEASED FEE INTEREST

A freehold (ownership interest) where the possessory interest has been granted to another party by creation of a contractual landlord-tenant relationship (i.e., a lease). (4)

#### **MARKETING TIME**

An opinion of the amount of time it might take to sell a real or personal property interest at the concluded market value level during the period immediately after the effective date of an appraisal. Marketing time differs from exposure time, which is always presumed to precede the effective date of an appraisal. (5)

- (1) FIRREA 12 CFR Part 323.2.
- (2) The Dictionary of Real Estate Appraisal, Appraisal Institute, 2010, Fifth Edition Page 78.
- (3) Ibid. 93.
- (4) Ibid. 111.
- (5) Ibid. 121.

#### MARKET RENT

The most probable rent that a property should bring in a competitive and open market reflecting all conditions and restrictions of the lease agreement, including permitted uses, use restrictions, expense obligations, term, concessions, renewal and purchase options, and tenant improvements (TIs). (6)

#### **EXPOSURE TIME**

- 1. The time a property remains on the market.
- 2. The estimated length of time the property interest being appraised would have been offered on the market prior to the hypothetical consummation of a sale at market value on the effective date of the appraisal; a retrospective estimate based on an analysis of past events assuming a competitive and open market. (7)

#### **PROSPECTIVE OPINION OF VALUE**

A value opinion effective as of a specified future date. The term does not define a type of value. Instead, it identifies a value opinion as being effective at some specific future date. An opinion of value as of a prospective date is frequently sought in connection with projects that are proposed, under construction, or under conversion to a new use, or those that have not yet achieved sellout or a stabilized level of long-term occupancy. (8)

#### **RETROSPECTIVE OPINION OF VALUE**

A value opinion effective as of a specified historical date. The term does not define a type of value. Instead, it identifies a value opinion as being effective at some specific prior date. Value as of a historical date is frequently sought in connection with property tax appeals, damage models, lease renegotiation, deficiency judgments, estate tax, and condemnation. Inclusion of the type of value with this term is appropriate, e.g., "retrospective market value opinion." (9)

- (6) Ibid. 121.
- (7) Ibid. -73.
- (8) Ibid. 153.
- (9) Ibid. 171.

#### **ASSUMPTIONS AND LIMITING CONDITIONS**

This appraisal report has been made with the following general assumptions:

- 1. This is a Self-Contained Appraisal Report which is intended to comply with the reporting requirements set forth under Standards Rule 2-2b of the Uniform Standards of Professional Appraisal Practice. Supporting documentation concerning the data, reasoning, and analyses is retained in the appraiser's file. The information contained in this report is specific to the needs of the client and for the intended use stated in this report. The appraisers are not responsible for the unauthorized use of this report.
- 2. No responsibility is assumed for the legal description or for matters including legal or title considerations. Title to the property is assumed to be good and marketable unless otherwise stated.
- 3. The property is appraised free and clear of any or all liens or encumbrances unless otherwise stated.
- 4. Responsible ownership and competent property management are assumed.
- 5. The information furnished by others is believed to be reliable. However, no warranty is given for its accuracy.
- 6. All engineering is assumed to be correct. The plot plans and illustrative material in this report are included only to assist the reader in visualizing the property.
- 7. It is assumed that there are no hidden or unapparent conditions of the property, subsoil, or structures that render it more or less valuable. No responsibility is assumed for such conditions or for arranging for engineering studies that may be required to discover them.
- 8. It is assumed that there is full compliance with all applicable federal, state, and local environmental regulations and laws unless noncompliance is stated, defined, and considered in the appraisal report.
- 9. It is assumed that all applicable zoning and use regulations and restrictions have been complied with, unless a nonconformity has been stated, defined, and considered in the appraisal report.

- 10. It is assumed that all required licenses, certificates of occupancy, consents, or other legislative or administrative authority from any local, state, or national government or private entity or organization have been or can be obtained or renewed for any use on which the value estimate contained in this report is based.
- 11. It is assumed that the utilization of the land and improvements is within the boundaries or property lines of the property described and that there is no encroachment or trespass unless noted in the report.

This appraisal report has been made with the following general limiting conditions:

- 1. The distribution, if any, of the total valuation in this report between land and improvements applies only under the stated program of utilization. The separate allocation of land and building must not be used in conjunction with any other appraisal and are invalid if used.
- 2. Possession of this report, or a copy thereof, does not carry with it the right of publication.
- 3. The appraiser, by reason of this appraisal, is not required to give further consultation, testimony, or be attendance in court with reference to the property in question unless arrangements have been previously made.
- 4. Neither all nor any part of the contents of this report (especially any conclusions as to value, the identity of the appraiser, or the firm with which the appraiser is connected) shall be disseminated to the public through advertising, public relations, news, sales, or other media without the prior written consent and approval of the appraiser.
- 5. Any value estimates provided in the report apply to the entire property, and any proration or division of the total into fractional interests will invalidate the value estimate, unless such proration or division of interests has been set forth in the report.
- 6. The forecasts, projections, or operating estimates contained herein are based upon current market conditions, anticipated short-term supply and demand factors, and a continued stable economy. These forecasts are, therefore, subject to changes in future conditions.



#### QUALIFICATIONS OF CHRISTOPHER H. BOWLER REAL ESTATE APPRAISER

#### **EDUCATION**

- BA Economics, Union College, Schenectady, New York 1987
- Appraisal Institute

Course SPP	Standards of Professional Practice
Course 1A-1	Basic Appraisal Principles, Methods and Techniques
Course 1A-2	Basic Valuation Theory and Techniques
Course 8-1	Residential Valuation
Course 1B-A	Capitalization Theory & Techniques Part A
Course 1B-B	Capitalization Theory & Techniques Part B
Course 550	Advanced Applications
Course 410	Standards of Professional Practice Part A
Course 420	Standards of Professional Practice Part B

Report Writing & Valuation Analysis

Argus Software

Valuation DCF 2 Day Training; 11/09

#### PROFESSIONAL AND TRADE AFFILIATIONS

Course 540

- Appraisal Institute
  - Senior Residential Appraiser SRA Designation
     Member of Appraisal Institute MAI Designation #11564
     Director, Massachusetts Chapter
     Secretary, Massachusetts Chapter
     Treasurer, Massachusetts Chapter
     Vice President, Massachusetts Chapter
     President, Massachusetts Chapter
- Massachusetts Certified General Real Estate Appraiser License #495

#### **BUSINESS EXPERIENCE**

Presently an associate member of the firm of Avery Associates, Acton, Massachusetts. Avery Associates handles a wide variety of real estate appraisal and consulting assignments. Mr. Bowler has prepared appraisals on the following types of real property: office buildings, industrial buildings, research and development facilities, hotels/motels, golf courses, restaurants, laboratory-life sciences buildings, medical office buildings, auto dealerships, truck terminals, warehouses, bank branches, shopping centers, apartment complexes, commercial and industrial condominium units and buildings, lumber yards, service stations, industrial mill buildings, and cranberry bogs.

Mr. Bowler's experience also includes the appraisal of one to four family dwellings, condominium units, proposed residential subdivisions and condominium projects. Also, Mr. Bowler has prepared market studies and feasibility analyses for proposed developments of both residential and commercial projects. Prior to joining Avery Associates in 1992, Mr. Bowler was employed in the following manner:

1987-1992 Real Estate Appraiser

Edward W. Bowler Associates Waltham, Massachusetts

1987 Research Associate, New York State Department of Transportation

Albany, New York

#### **BUSINESS ADDRESS**

Avery Associates 282 Central Street Post Office Box 834 Acton, MA 01720-0834

Tel: 978-263-5002 Fax: 978-635-9435

chris@averyandassociates.com

# QUALIFICATIONS OF JONATHAN H. AVERY REAL ESTATE APPRAISER AND CONSULTANT

#### **EDUCATION**

- BBA University of Massachusetts, Amherst, Massachusetts
- Graduate of Realtors Institute of Massachusetts GRI
- American Institute of Real Estate Appraisers

Course 1-A Basic Appraisal Principles, Methods and Techniques

Course 1A-B Capitalization Theory and Techniques
Course 2 Basic Appraisal of Urban Properties
Course 6 Real Estate Investment Analysis
Course 410/420 Standards of Professional Practice

#### PROFESSIONAL AND TRADE AFFILIATIONS

• The Counselors of Real Estate

1985 - CRE Designation #999

1993 - Chairman, New England Chapter

1995 - National Vice President

1999 - National President

Appraisal Institute

1982 - Member Appraisal Institute - MAI Designation #6162

1975 - Residential Member - RM Designation #872

1977 - Senior Residential Appraiser - SRA Designation

1981 - Senior Real Property Appraiser - SRPA Designation

1986-1987 - President, Eastern Massachusetts Chapter

- President, Greater Boston Chapter

1995 - Chair, Appraisal Standards Council

1996-1998 - Vice Chair, Appraisal Standards Council

• Massachusetts Board of Real Estate Appraisers

1972 - MRA Designation

1981 - President of the Board

• Royal Institution of Chartered Surveyors

2005 - FRICS Designation

- Affiliate Member, Greater Boston Real Estate Board
- Licensed Real Estate Broker Massachusetts 1969
- Massachusetts Certified General Real Estate Appraiser #26
- New Hampshire Certified General Real Estate Appraiser #NHGC-241

#### **BUSINESS EXPERIENCE**

Mr. Avery is Principal of the firm of Avery Associates located in Acton, Massachusetts. Avery Associates is involved in a variety of real estate appraisal and consulting activities including: market value estimates, marketability studies, feasibility studies, and general advice and guidance on real estate matters to public, private and corporate clients. Mr. Avery has served as arbitrator and counselor in a variety of proceedings and negotiations involving real estate. During 1993, he served as an appraisal consultant for the Eastern European Real Property Foundation in Poland. He has been actively engaged in the real estate business since 1967 and established Avery Associates in 1979. Prior to his present affiliation, Mr. Avery served in the following capacities:

1978-1979	Managing Partner, Avery and Tetreault,
	Real Estate Appraisers and Consultants
1975 -1978	Chief Appraiser, Home Federal Savings and Loan Association
	Worcester, Massachusetts
1972-1975	Staff Appraiser, Northeast Federal Saving and Loan Association
	Watertown, Massachusetts
1971-1972	Real Estate Broker, A. H. Tetreault, Inc.
	Lincoln, Massachusetts

#### **TEACHING EXPERIENCE**

- Instructor, Bentley College, Continuing Education Division, 1976-1982;
   Appraisal Methods and Techniques
   Computer Applications for Real Estate Appraisal
- Approved Instructor Appraisal Institute since 1982
- Chapter Education Chairman 1986-1987
- Seminar Instructor; Massachusetts Board of Real Estate Appraisers since 1981
- Certified Appraisal Standards Instructor-Appraiser Qualifications Board

#### **PROFESSIONAL EXPERIENCE**

Qualified expert witness; Middlesex County District Court and Superior Court, Essex County Superior Court, Norfolk County Superior Court, Plymouth Superior Court, Worcester County Probate Court, Federal Tax Court, Federal Bankruptcy Court, Appellate Tax Board of Massachusetts and Land Court of Massachusetts. Member, Panel of Arbitrators - American Arbitration Association, National Association of Securities Dealers Regulation.

#### **Property Assignments Include:**

Land (Single Lots and Subdivisions)

One to Four Family Dwellings

Historic Renovations

Movie Theater

Apartments Conservation Easements

Residential Condominiums

Office Buildings

Restaurants

Industrial Buildings

Hotels and Motels
Shopping Centers
Golf Courses
Churches

Racquet Club Gasoline Service Stations

Petroleum Fuel Storage Facility

Lumber Yard

School Buildings

Farms

Office Condominiums

Automobile Dealerships

#### **BUSINESS ADDRESS**

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Fax: 978-635-9435

jon@averyandassociates.com

# AVERY ASSOCIATES REPRESENTATIVE LIST OF CLIENTS

#### FINANCIAL INSTITUTIONS

Avidia Bank

Beverly National Bank Brookline Savings Bank Cambridge Savings Bank Century Bank & Trust Citizens Financial Group

Danversbank

Enterprise Bank & Trust First Pioneer Farm Credit Middlesex Federal Savings Marlborough Savings Bank Middlesex Savings Bank

North Middlesex Savings Bank Norwood Cooperative Bank Rollstone Bank & Trust

Salem Five Cent Savings Bank Southern New Hampshire B&T

TD BankNorth Group

Webster Bank

#### **PUBLIC SECTOR/NONPROFIT**

**Acton Housing Authority** 

American Arbitration Association

**Emerson Hospital** 

Federal Deposit Insurance Corp.

Mass Audubon

Internal Revenue Service Massachusetts Development

Mass. Div. of Conservation/Recreation

MassHousing

Stow Planning Board Sudbury Valley Trustees The Nature Conservancy The Trust for Public Land

Town of Acton Town of Cohasset Town of Lexington Town of Concord

Trustees of Reservations U. S. Department of Interior

Massachusetts Dept. of Agricultural Resources

U.S. Forest Service Walden Woods Project

Water Supply District of Acton

#### **CORPORATIONS**

Avalon Bay Communities
Boston Golf Club, Inc.
Boston Medflight
Boyenzi, Inc.

Concord Lumber Corporation
Dow Chemical Company
Exxon Mobil Company
Fidelity Real Estate
John M. Corcoran& Co.
MassDevelopment
Monsanto Chemical
PriceWaterhouseCoopers
Robert M. Hicks, Inc.

Sun Life Assurance Company

The Mathworks, Inc.
Toyota Financial Services

U.S. Postal Service

Ryan Development

#### **LAW FIRMS & FIDUCIARIES**

Anderson & Kreiger LLP

Brown Rudnick

Choate, Hall & Stewart

DLA Piper, LLP

Edwards, Angel, Palmer & Dodge

Foley Hoag, LLP Goodwin Proctor Hemenway & Barnes Holland & Knight

Kirkpatrick Lockhart Nicholson Graham

Kopelman & Paige, P.C. Lee & Levine, LLP

Loring, Wolcott & Coolidge

Lynch, Brewer, Hoffman & Fink, LLP

Nutter, McClennen & Fish, LLP

Office of Stephen Small Peabody & Arnold, LLP Prince, Lobel, Glovsky & Tye Rackemann, Sawyer & Brewster Riemer & Braunstein, LLP

Ropes & Gray

Stern, Shapiro, Weissberg & Garin

WilmerHale