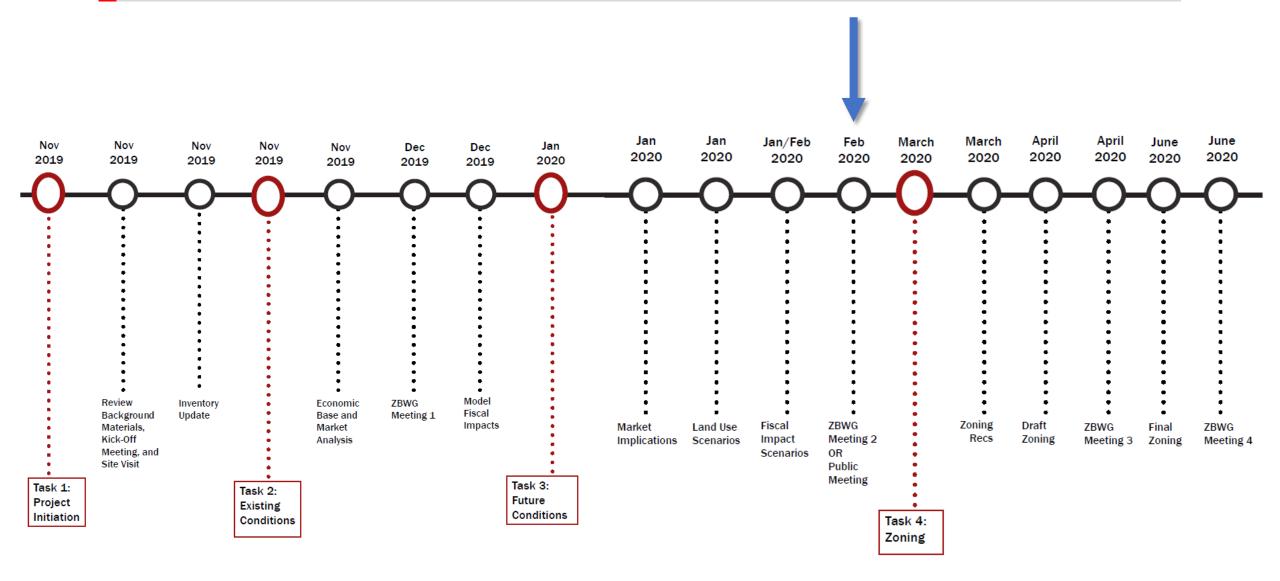


Agenda

Introductions
Timeline & Deliverables
Existing Zoning Review
Zoning Test-Fit Scenarios
Market Implications
Next Steps



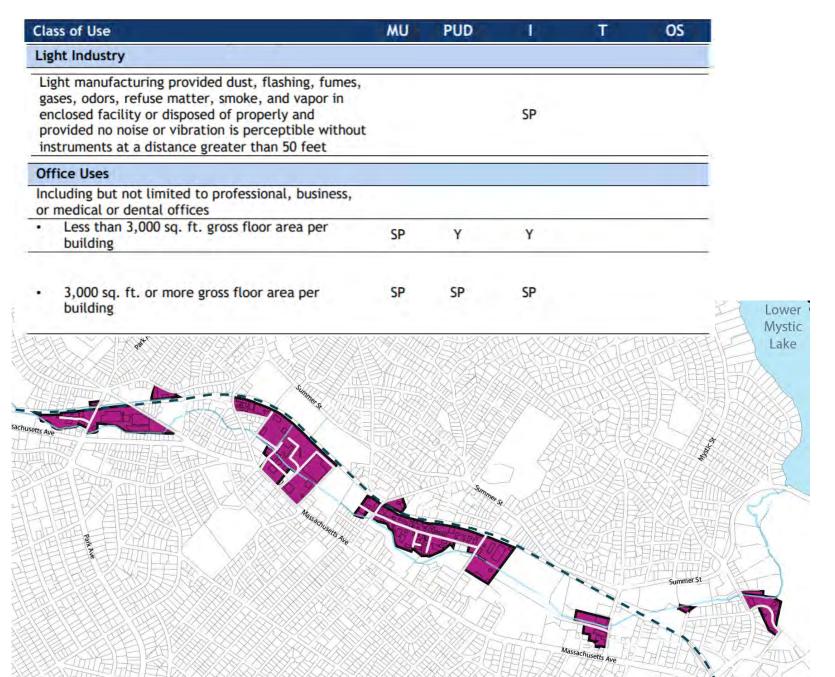
Project Schedule







Industrial Zoning District



Building Regulations

<u>Setbacks</u> Front – 10 feet Side – 10 feet Rear – 10 feet

Height 52 feet

Building Coverage N/A

<u>Parking Requirement</u> Office – 1 per 500 square feet Manufacturing – 1 per 600 square feet

Industrial Zoning



Residential-6 and Residential-7 Zoning

"The R5, R6, and R7 districts are apartment districts... for medium-density (R6) and high-density (R7) residential development."

R5: "predominant use is two- to three-story garden apartments..."

R6: "predominant use is a mix of apartments up to four stories high and offices at a smaller scale..."

R7: "accommodates apartments up to five stories high and offices of a similar scale..."



Building Regulations

Minimum Lot Area

R6 - 5,000 sf up to three-family unit

R6 – 20,000 sf for apartments/office

R7 - 20,000 sf

Height

R6 – 35', or 40' on apartment/office R7 – 40' or 60' by special permit

Building Coverage N/A

Maximum FAR

R6 – 0.8, or 1.2 for apartment/office R7 – 1.5

- Industrial Zoning
- R6 Zoning
- R7 Zoning



Reduced Height Buffer Area

5.3.19. Reduced Height Buffer Area

A. When two different maximum height limits are specified for the same zoning district in any Table of Dimensional and Density Regulations in this Section 5, the lower limit shall apply to any lot or part of a lot located in a height buffer area unless it is determined as a specific finding of a special permit that the properties in the adjacent R0, R1, R2, or OS district would not be adversely affected due to existing use or topographic condition. A height buffer area is defined as a lot or part of a lot which is located at a lesser distance from any land, not within a public way, in an R0, R1, R2 or OS district than the following:

Land in RO, R1, R2, OS is located	Lower height shall apply
Between northwest and northeast	Within 200 feet
Easterly, between northeast and southeast, or westerly between northwest and southwest	Within 150 feet
Southerly, between southeast and southwest	Within 100 feet

Annue or virginia de la companya de

Height Maximums

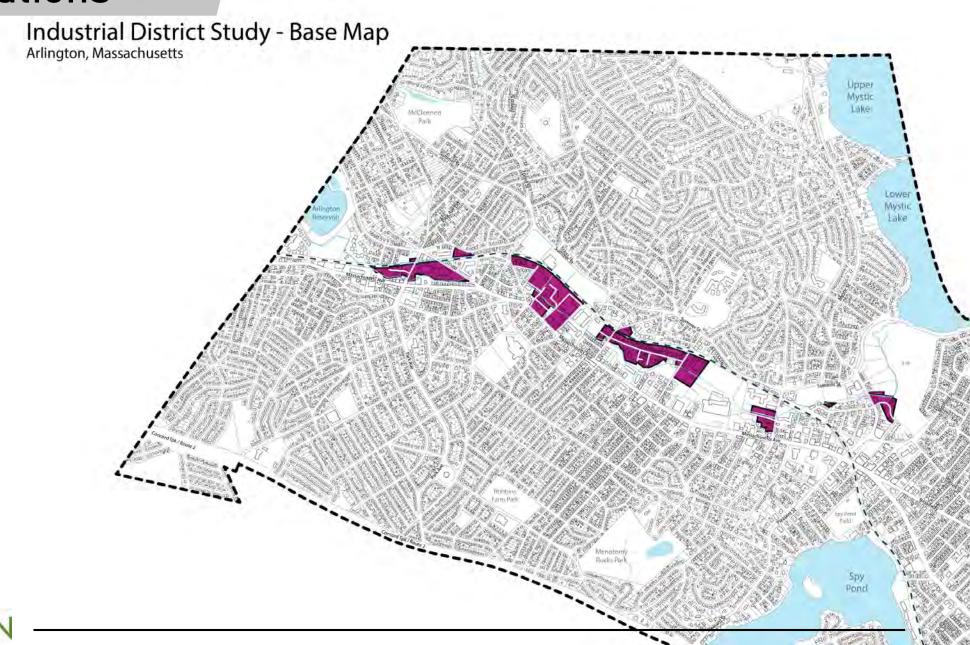
R0 - 20 feet, 2 stories R1 - 20 feet, 2 stories R2 - 20 feet, 2 stories

- Industrial Zoning
- Open Space
- R0 and R1 Zoning
- R2 Zoning



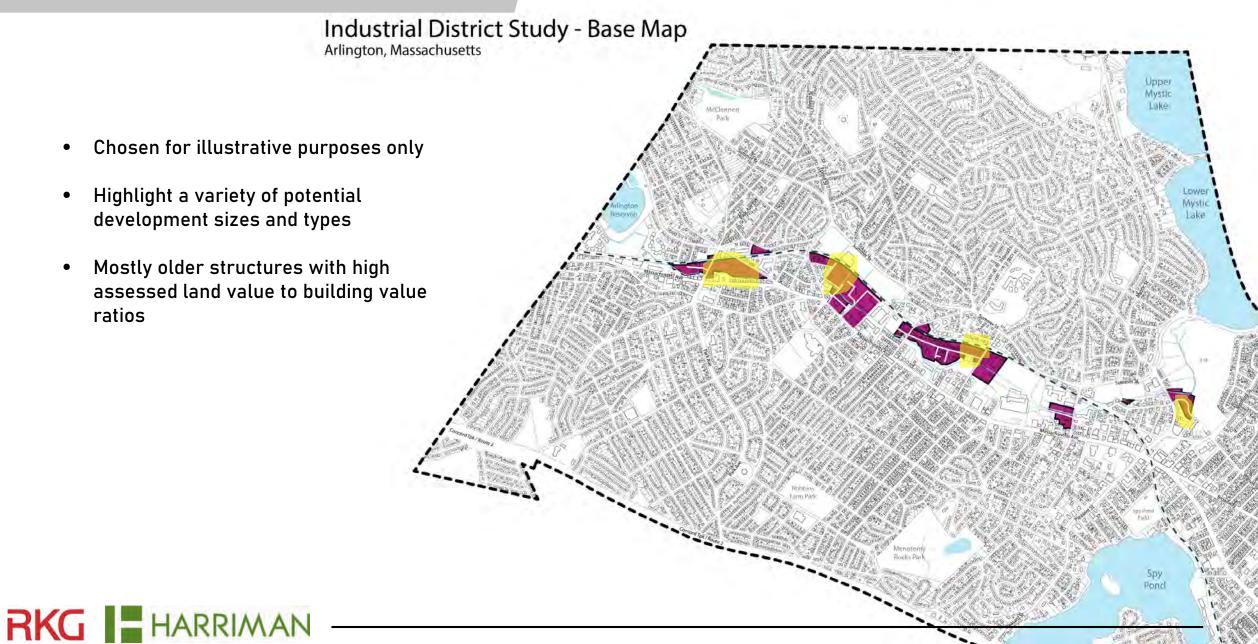


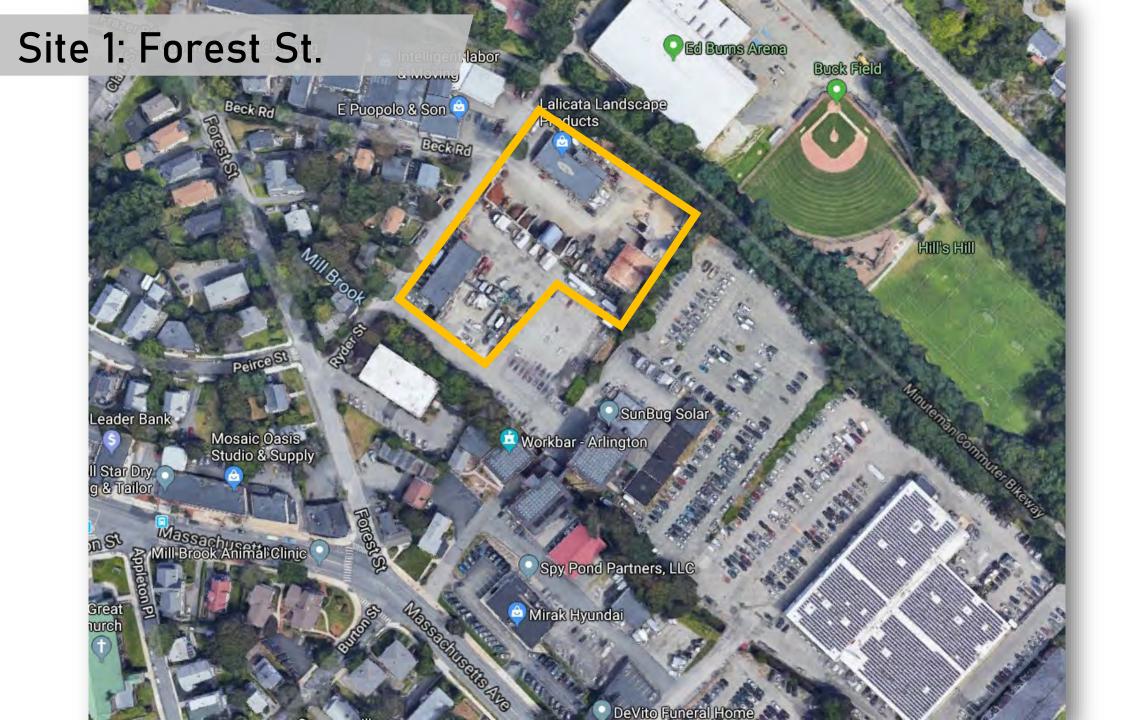
Test Fit Locations





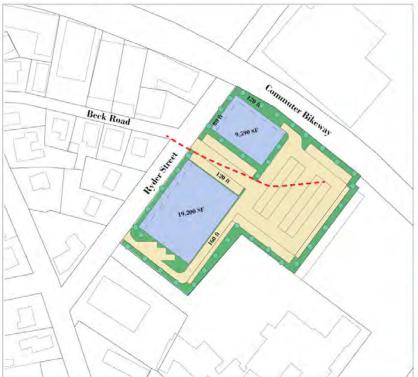
Test Fit Locations





Forest Test Fit Parcels







For buildings more than three stories in height, an additional 7.5-foot step-back (upper story building setback) shall be provided beginning at the third story level or 30 feet above grade

USE	LOT SIZE (SF)	LOT SIZE (ACRES)		AREA PER FLOOR (SF)	NO. FLOORS	HT PER FLOOR (FT)	TOTAL HEIGHT (FT)	GROSS AREA (SF)	MAX. BLDG. HT. (FT)	NO. PARK. REG.	PROVIDED PARKING	LOADING SPOTS		TOTAL BLDG. COVER. (SF)	OPEN GREEN AREA LOADING (SF)
MANUFACTURING	_			28,790	1	28	26	28,790		48					
OFFICE		1		18,000	2	13	28	36,000	1 == 1	72					
TOTAL	94,878	2.18	142,317		3	1	52	84,790		120	128	4	41,994	28,790	24,094



Total Developments: 274,565

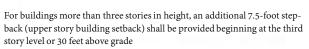
Section

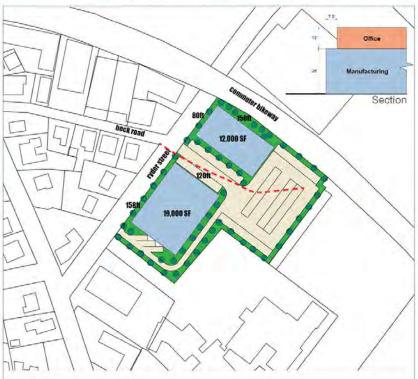
Disclaimer: The development capacities of these parcels are based on GIS data and are for illustrative purposes only. Actual building dimensions will yary as per land survey plans and final building and zoning code requirements.



Forest Test Fit Parcels - Reduced Height Buffer Applies







USE	LOT SIZE (SF)	LOT SIZE (ACRES)		AREA PER FLOOR (SF)		HT PER FLOOR (FT)	TOTAL HEIGHT (FT)	GROSS AREA (SF)	MAX. BLDG. HT. (FT)	NO. PARK. REQ.	PROVIDED PARKING	LOADING SPOTS			OPEN GREEN AREA / LOADING (SF)
MANUFACTURING				29,100	1	26	26	29,100	39FT	49					
OFFICE				18,300	1	13	13	18,300		37					
TOTAL	94,878	2.18	142,317		3		39	47,400		85	128	4	29,785	29,100	35,993

Zoning - Industrial

Setbacks -

Front: 10 feet Side - 10 feet

Rear - 10 feet

Height - 52 feet special permit 39 feet by-right

Reduced Height Buffer Area:
When two different maximum
height limits are specified for the
same zoning district in any Table of
Dimensional and Density Regulations in this Section 5, the lower
limit shall apply to any lot or part
of a lot located in a height buffer
area unless it is determined as a
specific finding of a special permit
that the properties in the adjacent
RO, R1, R2, or OS district would not
be adversely affected due to existing use or topographic condition.

Floor Area Ratio - 1.5

Building Coverage - N/A

Parking Requirement: Office: 1 per 500 s.f. Manufacturing: 1 per 600 s.f.

Ryder St MWRASe (?)

Bicycle Parking -

Office: 0.30 spaces per 1,000 s.f.

Manufacturing: 0.80 spaces per 1,000 s.f.

Loading

Office: 5,000 - 50,000 = 1 Manufacturing:

5,000 - 20,000 = 120,001 - 40,000 = 2

Total Developments: 274,565

Disclaimer: The development capacities of these parcels are based on GIS data and are for illustrative purposes only. Actual building dimensions will vary as per land survey plans and final building and zoning code requirements.



Site 2: Park Ave.



Park Test Fit Parcels



Abutting Residential District -25 feet / 12.5 feet with fence an

Parking Requirement: Office: 1 per 500 s.f. Manufacturing: 1 per 600 s.f.

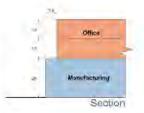
Bicycle Parking -Office: 0:30 spaces per 1,000 s.f. Manufacturing: 0.80 spaces per 1,000 s.f.

Office: 50,001 - 100,000 = 2 Manufacturing: 40,001 -120,000 = 3

ing By-law and 310 Mass. Reg. 10.58 - Riverfront Area

For buildings more than three stories in height, an additional 7.5-foot stepback (upper story building setback) shall be provided beginning at the third story level or 30 feet above grade

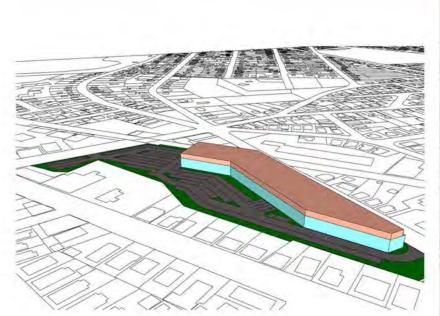
USE	(SF)	(ACRES)			NO. FLOORS	HT PER FLOOR (FT)	TOTAL HEIGHT (FT)	GROSS AREA (SF)	MAX. BLDG. HT. (FT)	NO. PARK. REQ.	PROVIDED PARKING	LOADING SPOTS	PARKING AREA REQUIRED (SF)	TOTAL BLDG. COVER. (SF)	OPEN GREEN AREA LOADING (SF)
MANUFACTURING			-7	52,000	D	26	26	52,000		87					
OFFICE				48,000	2	13	26	96,000		192					
TOTAL	209,071	4.80	313,607		3		52	148,000	52	279	280	5	97,533	52,000	59,538



Disclaimer: The development capacities of these parcels are based on GIS data and are for illustrative purposes only. Actual building dimensions will vary as per land survey plans and final building and zoning code requirements.



Park Test Fit Parcels - Reduced Height Buffer Applies





For buildings more than three stories in height, an additional 7.5-foot stepback (upper story building setback) shall be provided beginning at the third story level or 30 feet above grade

USE	LOT SIZE (SF)	LOT SIZE (ACRES)			NO. FLOORS	HT PER FLOOR (FT)	TOTAL HEIGHT (FT)	GROSS AREA (SF)	MAX. BLDG. HT. (FT)	NO. PARK. REQ.	PROVIDED PARKING	LOADING SPOTS		TOTAL BLDG. COVER. (SF)	OPEN GREEN AREA / LOADING (SF)
MANUFACTURING				70,000	1	26	26	70,000	39FT	117					
OFFICE				65,000	1	13	13	65,000		130					
TOTAL	209,071	4.80	313,607		3		39	135,000		247	280	5	86,333	70,000	52,738

Rear - 10 feet Abutting Residential District -25 feet / 12.5 feet with fence and

feight - 52 feet special permit 39 feet by-right

Inat the properties in the adjacet RO, R1, R2, or OS district would in be adversely affected due to exis ing use or topographic condition Floor Area Ratio - 1.5

Parking Requirement; Office: 1 per 500 s.f. Manufacturing: 1 per 600 s.f.

Office: 0,30 spaces per 1,000 s.f. Manufacturing: 0,80 spaces per 1,000 s.f.

Refer to Wetland and Riverfroni Area, Section 5.8 in Arlington Zo ing By-law and 310 Mass. Reg.

Disclaimer: The development capacities of these parcels are based on GIS data and are for illustrative purposes only. Actual building dimensions will vary as per land survey plans and final building and zoning code requirements.



Park Test Fit Parcels





Site 3: Dudley St.



Dudley Test Fit Parcels (office + manufacturing)



For buildings more than three stories in height, an additional 7.5-foot stepback (upper story building setback) shall be provided beginning at the third story level or 30 feet above grade

USE	LOT SIZE (SF)	(ACRES)				HT PER FLOOR (FT)	TOTAL HEIGHT (FT)	GROSS AREA (SF)	MAX. BLDG. HT. (FT)	NO. PARK. REG.	PROVIDED PARKING	LOADING SPOTS	PARKING AREA REQUIRED (SF)	TOTAL BLDG. COVER. (SF)	OPEN GREEN AREA LOADING (SF)
MANUFACTURING				19,500	1	26	26	19,500		33					
OFFICE				17,000	2	13	28	34,000		68.					
TOTAL	69.786	1.60	104,879		3		52	53,500	52	101	104	2	35,175	19,500	15,111



Section

Disclaimer: The development capacities of these parcels are based on GIS data and are for illustrative purposes only. Actual building dimensions will vary as per land survey plans and final building and zoning code requirements.



Dudley Test Fit Parcels (office)-Reduced Height Buffer Applies



USE	LOT SIZE (SF)	LOT SIZE (ACRES)				HT PER FLOOR (FT)	TOTAL HEIGHT (FT)	GROSS AREA (SF)		NO. PARK. REQ.	PROVIDED PARKING	LOADING SPOTS	PARKING AREA REQUIRED (SF)		OPEN GREEN AREA / LOADING (SF)
OFFICE				17,500	2	13	26	35,000		78					
OFFICE				15,188	1	13	13	15,188	-	34				1	
TOTAL	69,786	1.60	104,679		3		39	50,188	52	100	104	2	35,131	17,500	17,155

Height - 52 feet special permit 39 feet by right Reduced Height Buffer Area:

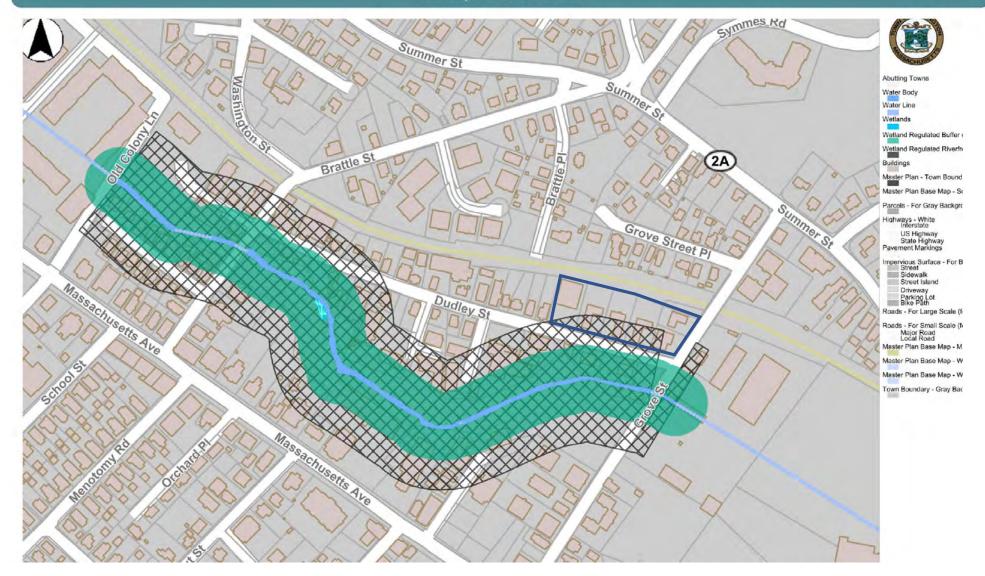
Scycle Parking -Office: 0.30 spaces per 1,000 s.f. Manufacturing: 0.80 spaces

Loading -Office: 5,000 - 50,000 = 1 Manufacturing: 5,000 - 20,000 = 1

Disclaimer: The development capacities of these parcels are based on GIS data and are for illustrative purposes only. Actual building dimensions will vary as per land survey plans and final building and zoning code requirements.



Dudley Test Fit Parcels





Mystic Test Fit Parcels



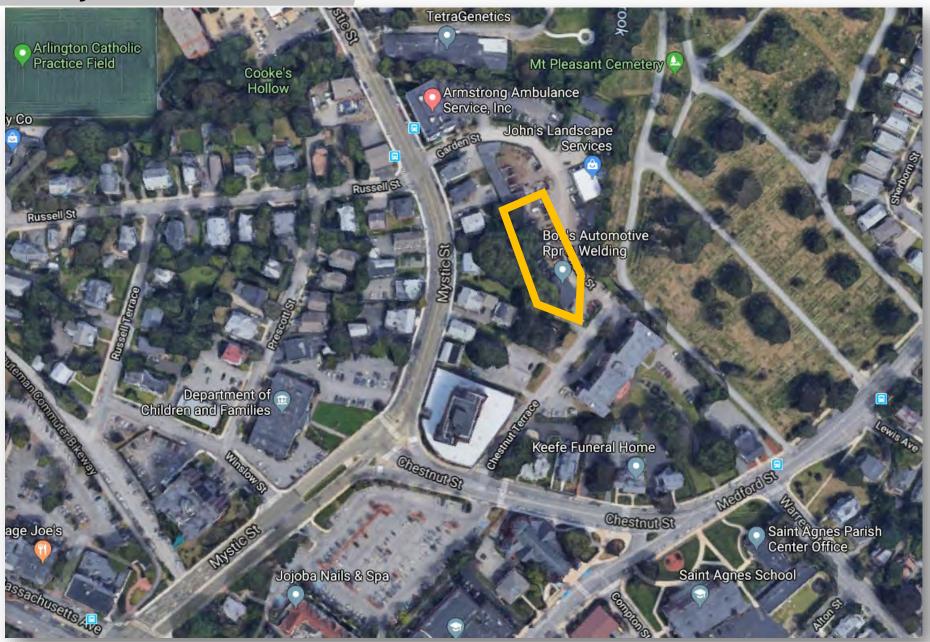
For buildings more than three stories in height, an additional 7.5-foot step-back (upper story building setback) shall be provided beginning at the third story level or 30 feet above grade

USE	LOT SIZE SF		MAX. FAR 1.5	AREA PER FLOOR	NO. FLOORS	HT PER FLOOR		GROSS AREA	MAX. BLDG. HT.	NO PARK.	PARKING.	SPOTS	PARKING AREA REQUIRED	TOTAL BLDG. COVER.	OPEN GREEN AREA LOADING	LAND AREA
MANUFACTURING				4,500	1	26	26	4,500		7						
DFFICE				3,775	1	13	13	3,775		8						
TOTAL	19,425	0.45	29,138				39	8,275	52FT	15	19	19	5,268	4,500	9,658	19,425



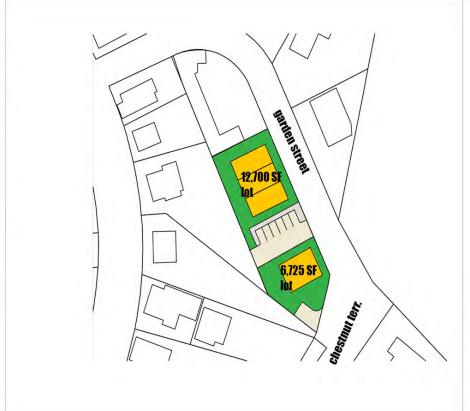


Site 4: Mystic St.



Mystic Test Fit Parcels - Residential Option



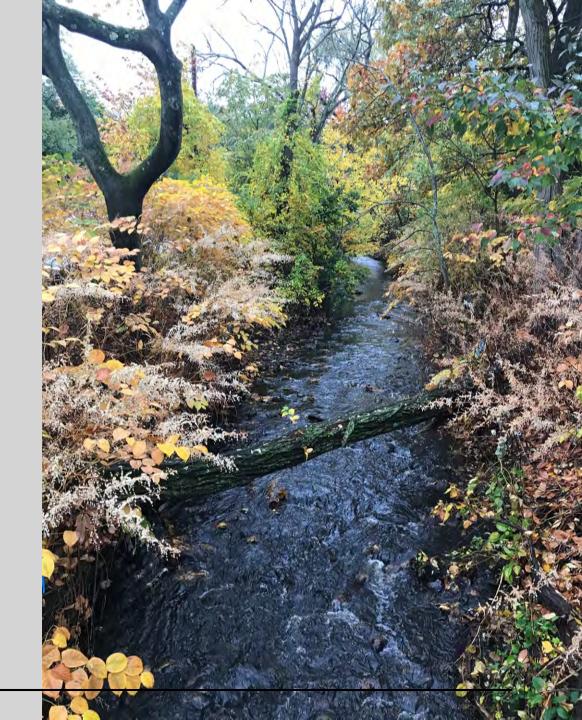


Total lot area is less than 20,000 SF. which would allow for apartment building. Keep lots separate and develop allowed residential density. (Three-family dwelling and two-family dwelling)



Overview of Wetland / Riverfront Regulations

Projects within a riverfront district or wetland buffer are subject to approval by the Conservation Commission and potentially other State agencies. Mill Brook is a small waterway that passes near two of the sites (Park, Dudley). In general, since the sites are already industrial and built-upon, they are probably considered "degraded areas." As such, the priority should be to make sure any new development shall "result in an improvement over existing conditions." Efforts should be made to mitigate stormwater and ensure any flood storage volume will not be lost





Potential Barriers

Parcel assemblage

Access & abutting users

Required wetlands infrastructure

Relatively unestablished commercial market depth

 Market factors like lack of transit access, proximity to industry talent, etc.



Typical Flexible Industrial/Office Spaces





Typical Minimum

800-1,000 sf per rentable space

2,000-3,000 sf per structure

Average Flex Space

1,500-4,500 sf per rentable space

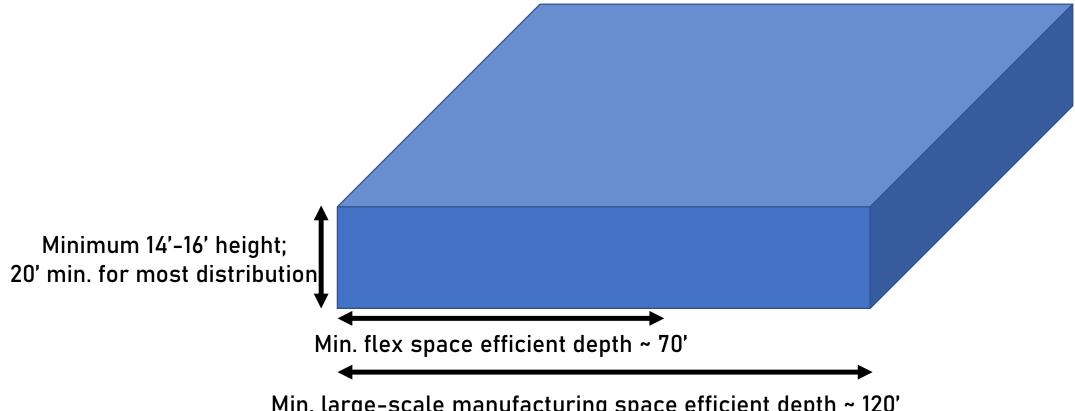
Flex space for larger firms

10,000 sf+
To attract growing firms from places like Kendall

Tetragenesis building is ~14,000 sf, with smaller-than-typical floorplates (40' wide in some spaces)



Typical Flexible Industrial/Office Spaces



Min. large-scale manufacturing space efficient depth ~ 120'



Typical Consumer-Facing Flexible Spaces

Example: Breweries

Minimum size ~2,000 sf

With taproom/store ~4,500 to 10,000 sf



Notch Brewing, Salem, 4,500 sf



Idle Hands Brewing, Malden, 5,260 sf

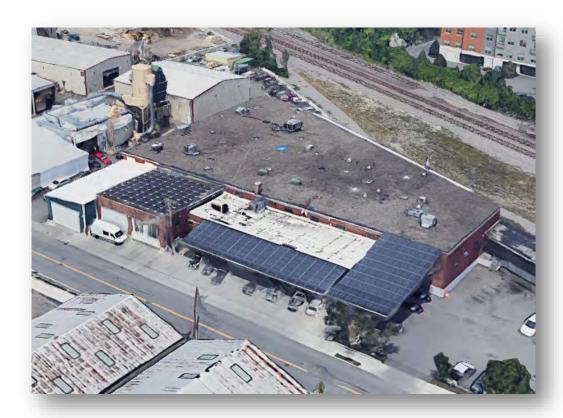


Lamplighter Brewing, Cambridge, 10,590 sf



Typical Consumer-Facing Flexible Spaces

Food production can require much more space





Iggy's Bread of the World, Alewife, Cambridge, 33,430 sf



Key Takeaways

Arlington's existing industrial spaces are likely capable of accommodating the town's fair share of Middlesex County job growth

Most opportunities will be relatively small-scale, less than 20,000 square feet, including adaptive reinvestment

Ability to attract larger-scale occupants to spaces >30,000 sf is unknown; lower-hanging fruit first

Arlington's value discussion: highest-andbest-use versus preservation and growth of job and tax base







District Use R6:

Apartment District/Medium Density. The predominant land uses in the Medium-Density Apartment District consist of a mix of apartments up to four stories high and offices at a smaller scale. The Town discourages uses which would detract from the desired residential and office character or otherwise interfere with the intent of this Bylaw.

Dimensional Regulations **FAR** Min. Lot Area Per Min. Lot Front Yard Usable Open Use Side Yard Rear Yard Landscape Max. Lot Max. Min. Lot Area Max. Ht. **Unit SF** Frontage FT Setback ft sf Open Space Space Ht. (ft) Coverage ft (Sto.) Single-family One side: detached, twomin. 10 family 6,000 60 Sum of 10 20 10% 30% dwelling, two sides: three-family min.16 dwelling Townhouse, 20,000 1,450 100 15+(H/10) (H+L)/6 (H+L)/610% 25% Apt. Bldg Other permitted 10 20 20 6,000 60 10% Structure Principal bldg. 35 3 0.8 or structure Townhouse, apt. bldg., or office 40 4 1.2 more than 20K SF Detached access. 2 20 Struct. (>80SF) Detached access. Struct. (< =80SF)

District R6 Use Regulations

Allowed:

- Single family detached, two-family dwelling, duplex
- Group home
- Farm on less than 5 acres, otherwise exempt under G.L. c. 40A, §3, and without livestock or poultry, or market garden provided that all goods or produce sold are grown on the premises
- Playground, park, similar outdoor
- Municipal or non-profit recreation building
- Fires station, police station, town office building
- Radio or television studio
- Office less than 3,000 SF
- Accessory private garage for non-commercial vehicles, accessory structure not used for business
- Home occupation
- Accessory off-street parking
- Temporary food or beverage concession for profit at an event
- Fraternal, civic, entertainment, professional, or health or similar clubs or organization as an accessory use

District R6 Use Regulations

Special Permit

Six or more single family dwellings on one or more contiguous lots

Six or more units in tow-family dwellings or duplex dwelling on one or more contiguous lots

Three-family dwelling

Townhouse

Apartment Building

Single-room occupancy building

Conversion of one- or two-family dwelling to bed and breakfast

Assisted living residence

Community center, youth club, adult education center, or similar facility operated by a non-profit

institution

Nonprofit, members-only private club or lodge

Nursing home, rest home, convalescent home

Library, museum, or art gallery open to the public and not conducted as a private gainful business. (Note:

permitted if use is for educational or religious purposes.)

Municipal or non-profit fishing, tennis, swimming, skating, golf club, or other outdoor recreation facility

not conducted as a private gainful business

Municipal or non-profit enclosed entertainment and recreation facilities

Municipal public works yard and associated maintenance, storage, and office facilities

Essential services

Municipal or other public parking area or structure

Commercial off-street parking area or structure for the parking or storage on a fee basis of automobiles

and light commercial vehicles with a rated capacity of 1 ton or less provided no repairs, servicing or sale

of gasoline is carried out on the premises

Non-residential parking lot serving a business use located in and entered from an adjoining B3 or B5 district, provided that:

- No business, sales, service, or loading operations are performed on the lot, and
- Lot complies with the screening provisions of Section 6.1.

Residential surface parking lot serving residential uses in another district provided that:

- Lot used for parking abuts the residential property it serves for at least 50 ft.; and
- Both lots are under common ownership; and
- Lot complies with the screening provisions of Section 6.1.

In a Town building; wireless facility shall not extend more than 15 feet or 25% of building height, whichever is less, above the highest point of the building

In building other than Town building; wireless facility shall not extend more than 15 feet or 25% of building height, whichever is less, above the highest point of the building

Funeral Home

Office 3,000 sq. ft. or more gross floor area per building

Enclosed entertainment and recreation facilities not conducted as a private for-profit business

Offices with data processing facilities or laboratories and testing facilities, which may include minor assembly or fabrication activities limited to 25% of the floor area

Renting of up to three rooms

Family child care

Accessory retail, office, or consumer service use in an apartment building over 20,000 sq. ft. in gross floor area, provided: all activities are located on the first floor or basement floor levels, such uses shall not occupy more than 2,000 sq. ft.; all materials, goods, and activities in connection with said uses shall be confined completely within the building

Accessory personal services for occupants or employees of hotel, office, or industrial use; access limited to within the building

Open air parking or storage accessory to a dwelling if owned or used by a person residing in such dwelling