

Future Planning for a Better Newton

Brought to you by: NHNAC & WAC

Outline of Draft Recommendations

May 31, 2016

Future Planning for a Better Newton: Newton Highlands and Waban

Overall Approach

- The Village Center
- Other Commercial Areas
- Residential Neighborhoods
- Open Space and Recreation

Village Centers

- Consideration should be given to developing certain properties in village centers
- Setbacks, density, and heights should reflect the historical nature of the other village structures
- Consistent with a "Main Streets" design
- To accomplish these goals: consider "Mixed Use Overlay" zoning district with careful identification of boundaries

Illustrative examples:

- Walnut Street north side
 - Former Walnut Street Garage (1149-1151 Walnut Street)
 - Brookline Bank building (1156-1160 Walnut Street)
- Walnut Street south side
 - Highlands Garage (1186 Walnut Street)
 - Highland Wine & Spirit site (1194 Walnut Street)
- Gateway building Corner Walnut/Centre

Walnut Street - north (current conditions)



Walnut Street near Lake Ave

Parking lot in front creates unwelcoming streetscape

Low heights lead to poor sense of place

Lack of enclosure and absence of vitality

Walnut Street - north (current conditions)

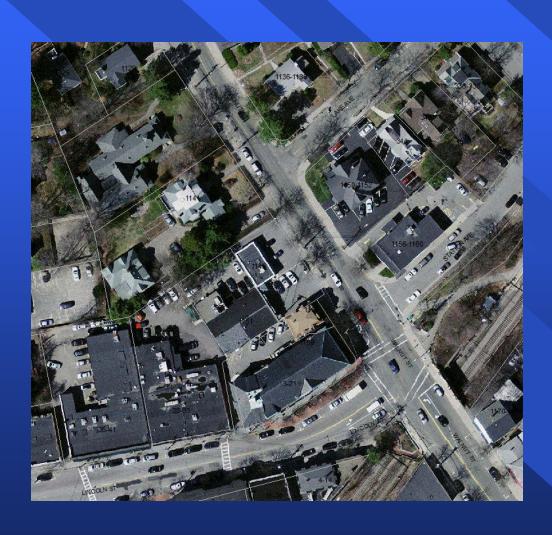


Walnut Street near Lake Ave

Even though this lot is in the heart of the village...

It does not draw pedestrians to the village

Walnut Street - north (current conditions)



Currently:

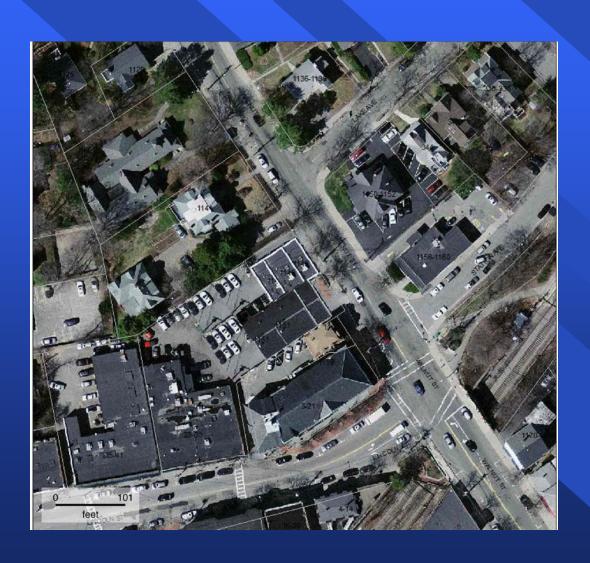
Surface parking in front

Two small buildings: Total < 5000 sq ft of building area

Parking: 13 spaces in front and 13 spaces in rear

Poor aesthetics and little historical significance

Walnut Street - north (future conditions)



Future:

Surface parking in rear

New buildings of historical scale and massing

Approximately 12,000 sq ft of building area

Parking: 26 off street and 1 new on-street space

Unified streetscape with new pocket plaza

Walnut Street - north (future scenario)





Implementing a "main streets" design and supporting modest increases in density can result in a more vibrant streetscape

The curb line in this section would allow for an extra-wide sidewalk, creating opportunities for on-street dining

Walnut Street - north (future scenario)



Walnut Street near Lake Ave

Buildings conform to the historical village patterns

Allow for an improved pedestrian environment

New first floor retail And possible office or housing above

Walnut Street - north (future conditions)

Comparison to Stevens Building:

	Steven's Bldg	1149 Walnut		1151 Walnut
Zoning code	325 (Small retail)	325 (Small retail)		325 (Small retail)
Lot area	10,024 square feet	13,050 square feet		
Frontage	150 feet	99 feet		15 feet
Building area	20,479 square feet	4000 square feet		8000 square feet
Parking	6	26 off street and 1 new on street, both buildings		
Assessment	\$2,987,300	\$1,100,000		\$1,700,000

Walnut Street - south (current conditions)



Walnut Street near Floral Street

Parking lot in front creates unwelcoming streetscape

Low heights lead to poor sense of place

Lack of visual definition on entry into village

Walnut Street - south (current conditions)

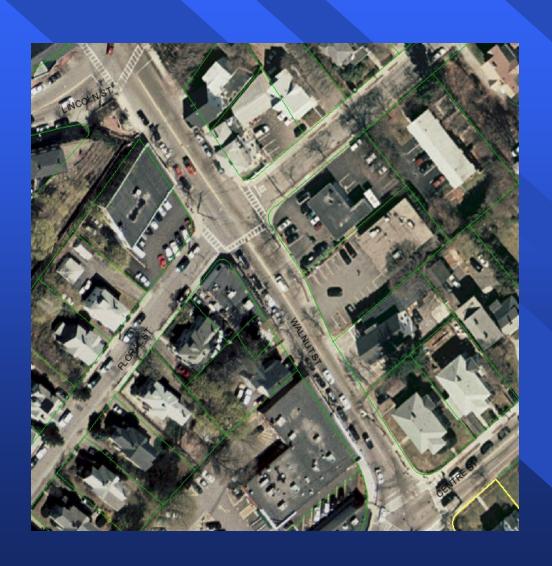


Walnut Street near Floral Street

Even though this lot is in the heart of the village...

It does not draw pedestrians to the village

Walnut Street - south (current conditions)



Currently:

Surface parking in front

Two small buildings: Total < 10,000 sq ft of building area

Parking: 18 spaces for 1186 and 16 spaces for 1194 Walnut

Poor aesthetics and little historical significance

Walnut Street - south (future conditions)



Future:

Surface parking in rear

New buildings of historical scale and massing

Approximately 23,000 sq ft of building area

Parking: 30 off street and 5 new on-street space

Wide sidewalks and transparent windows

Walnut Street - south (future scenario)



Walnut Street near Floral Street

Buildings conform to the historical village patterns

Allow for an improved pedestrian environment

New first floor retail and possible office or housing above

Walnut Street - south (future scenario)



Walnut Street near Floral Street

Creates new visual definition on entry to the village

Increases vitality and value for the community

Consolidate curb cuts and improve safety

Walnut Street - south (future conditions)

Comparison to Stevens Building:

	Steven's Bldg	1186 Walnut		1194 Walnut
Zoning code	325 (Small retail)	325 (Small retail)		325 (Small retail)
Lot area	10,024 square feet	10,760 square feet		11,848 square feet
Frontage	150 feet	115 feet		78 feet
Building area	20,479 square feet	7500 square feet		9500 square feet
Parking	6	30 off street and 5 new on street, both buildings		
Assessment	\$2,987,300	\$1,700,000		\$1,350,000

Scope of Change:

- Lincoln Street Historic village center will be maintained
- Residential boundaries No changes anticipated for the Lincoln Street and Hartford Street boundaries between residential and mixed use zones
- Centre Street Opportunities may exist for promoting a continuous pedestrian streetscape to Needham Street

Mixed Use District: key components

- May be applied to any Business 1-5, Mixed Use 1-2, or Manufacturing district
- Not eligible for Residential zones
- Purpose: to create new economic growth, affordable housing, and walkable pedestrian areas
- May be applied to village centers and to other commercial zones

Mixed Use District: main criteria

- Requires approval process by City Council by twothirds vote after full community input process
- Needs to comply with density and dimensional controls as further outlined
- May include a mix of complementary commercial and residential uses

Mixed Use District: parking criteria

- Parking: for residential units, minimum of 0.5 and maximum of 1.5 spaces per dwelling unit
- Parking: for commercial uses, minimum of 1 stall for each 1500 SF floor area and maximum of 1 stall for each 400 SF floor area
- No off street parking in front setback
- Exempt businesses <1000 SF space from off-street parking requirements

Mixed Use District: density requirements

- Total FAR may be up to 3.0 if within 1250 ft from rail based transit station
- Total FAR may be up to 2.0 otherwise
- Transportation plan must enable such that no more than 80% of trips are by auto
- If parcel (or assembly of parcels) is greater than 2 acres, then beneficial* open space must be at least 30% of lot area

Mixed Use District: mix of use requirements

- Mix of uses shall have no less than 30% of floor area as commercial
- Not less than 25% of parcel floor area shall be residential
- First floor of building must be retail and consumer services: at least 75% of street level frontage must be commercial
- Avoid "big box" retail: no single use >20K SF floor area, up to 40K SF floor area in commercial corridors

Mixed Use District: transportation

- Must implement both maximum <u>and</u> minimum requirements for parking (as noted)
- Equivalent mitigation for non-auto based access improvements as for auto access
- Mitigations may include contributing to fund for transit improvements, traffic calming, pedestrian improvements, bicycle access
- Undergrounding of utilities on main streets

Mixed Use District: integration with neighbors

- Scale and massing must be compatible with surrounding character
- Must be integrated with appropriate connectivity, avoidance of fencing an inappropriate buffering
- Must allow for pedestrian access, streetscape continuity, and avoidance of multiple curb cuts
- Appropriate architectural design and pedestrian scale, including street level windows and entrances

Village Centers: Newton Highlands Mixed Use District: permitting and phasing

- Prior to special permit, an organization of abutters and interested parties shall be created with authority to interact with the builder/developer and the City
- Advisory council may consist of neighborhood representatives and/or Area Council members
- Upon permit issuance, construction must start within one year and be substantially complete within three
- Criteria will be established that requires further review of project due to modifications

Village Centers: Newton Highlands Mixed Use District: permitting and phasing

- Transportation plan must include auto trip projections to be followed by post-construction analysis
- Analysis of projected transit use, parking plan, and pedestrian access plan must be submitted
- Bicycle plan to include at least 1 space per 3 dwelling units and 1 space per 5 parking spaces
- Criteria will be established that requires further review of project due to modifications

Mixed Use Overlay: Newton Highlands

DENSITY AND DIMENSIONAL REQUIREMENTS FOR PLANNED MIXED BUSINESS DEVELOPMENT

Area, frontage, and bulk	2-10 acres	1-2 acres	< 1 acre
Minimum lot frontage	100 ft	100 ft	60 ft
Max. total floor area ratio	2.0 (*)	2.0 (*)	2.0 (*)
Min. lot area per dwelling unit	1200 sq.ft	1200 sq.ft.	1200 sq.ft
Maximum lot coverage	N/A	N/A	N/A
Min. beneficial open space	30% (10)	20% (10)	N/A

Note: * Maximum FAR 3.0 if within 1250 of rail based transit or if at least 70% of parcel usable floor area residential

Mixed Use Overlay: Newton Highlands

DENSITY AND DIMENSIONAL REQUIREMENTS FOR PLANNED MIXED BUSINESS DEVELOPMENT

Height and setbacks	Streetside facade	Interior development (in commercial corridors)		
Height (feet) (*)	36-48 ft	72 ft		
Height (stories)	4	6		
Front setback (from street)	Lesser of 15 ft or 1/2 building height	Greater of 50 ft or 1/2 building height		
Side setback	0 ft	Greater of 15 ft or 1/2 building height		
Rear setback	Greater of 15 ft or 1/2 building height			

Newton Highlands Commercial Centers



Diverse set of commercial and retail centers:

Implement "Village Center" type development

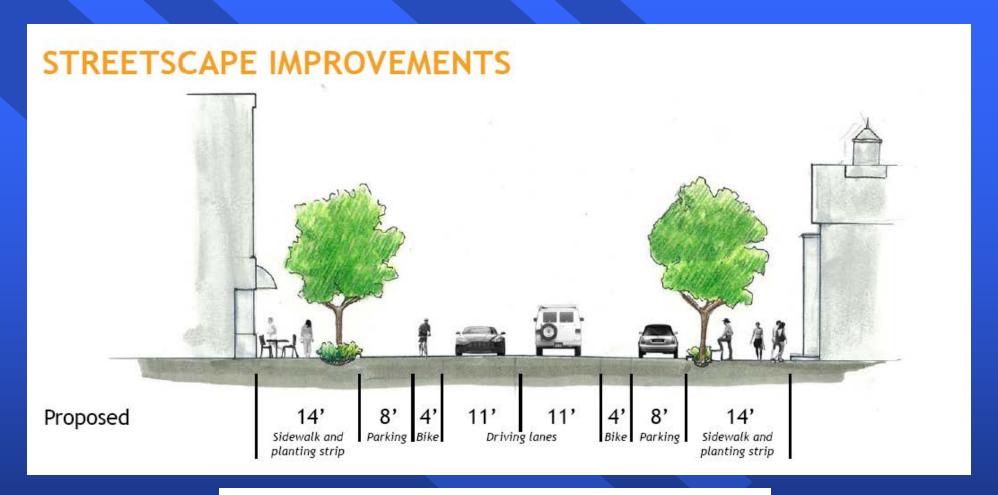
Pedestrian streetscape with wide sidewalks, street trees, and underground utilities

Zoning and design guidance to achieve desired results

NEEDHAM STREET: A better streetscape

Creating a pedestrian-friendly design

- Create wide sidewalks and promote placement of buildings adjacent to the sidewalk
- Bury utilities underground and plant street trees
- Reduce and minimize the number of curb cuts
- Eliminate the two way turn lane and replace with either a median/bike lanes <u>or</u> on street parking



Roadway Cross-section for a Pedestrian-Friendly **NEEDHAM STREET**

Note: Current right-of-way approximately 46 feet. New configuration assumes property owners will provide easement of about 7' on each side of roadway for pedestrian improvements.



What might that look like: A Pedestrian-Friendly NEEDHAM STREET

The Opportunities of Needham Street

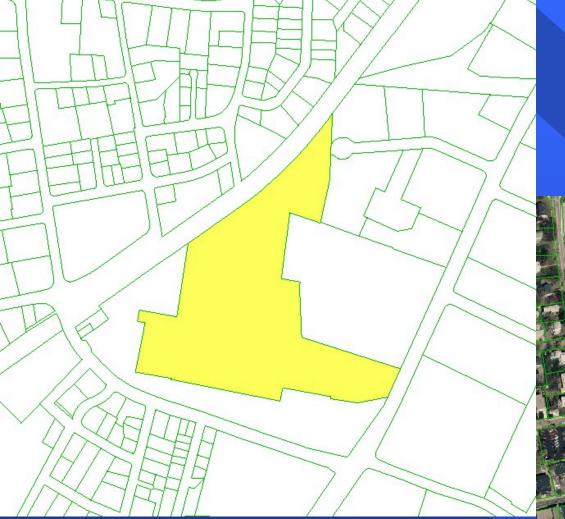


Avalon Bay Apartments:

This is considered as affordable housing in Newton

The Northland site:
A 22-acre site from
Oak Street to Tower
Road - Will be developed





Opportunities on Needham Street

A new village at Newton Upper Falls





Northland "Marshall's Plaza" site Potential Concepts

A new village at Newton Upper Falls

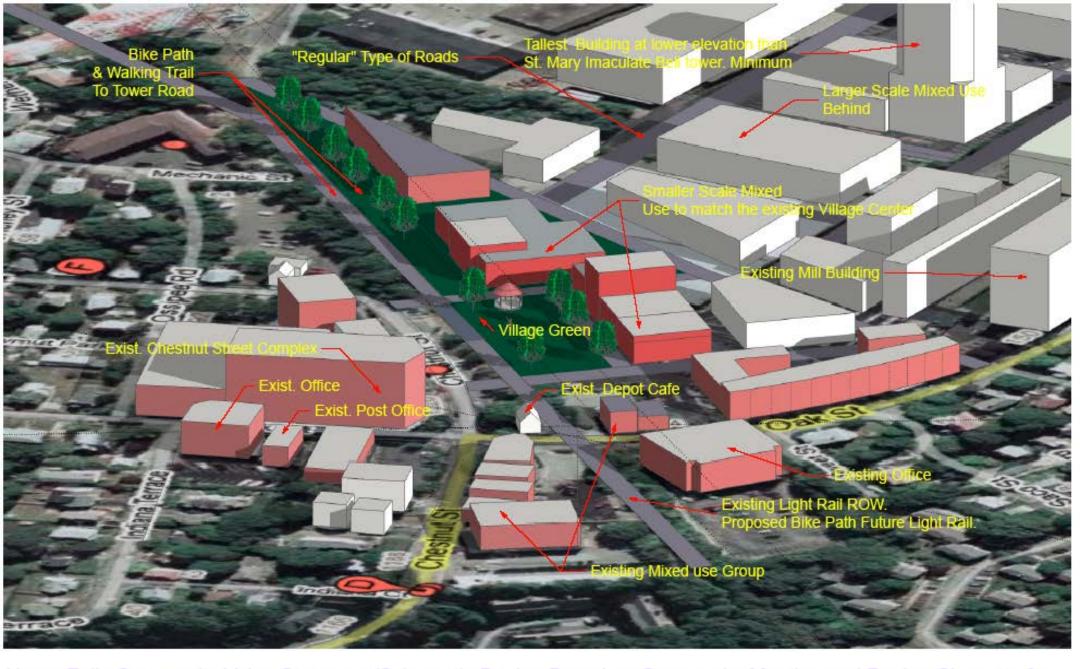


Developed, Owned and Managed by Bierbrier Development, Inc.

Needham Street Village Shops (Built and opened in 2014)



Needham Street Village Shops (opened in 2014)



Upper Falls Community Value Statement/Schematic Design Based on Community Meeting and Design Charrette for the Upper Falls Village Center and Northland Property interface.

Mark Sangiolo, Architect Newton MA. Pro Bono Newton Civitas 2009

Housing next to Transit ArborPoint at Woodland T station



Could this be the future on Needham Street?

Redevelopment and Affordable Housing





Reinterpreting historic standards while reflecting economic diversity

Village Centers and Mixed Use Zones Using principles of Design Guidance



Create a sense of place:
Improve pedestrian mobility
Connect to nearby parks
Good design = better places!

Poor urban design:

Fortress office Strip mall Isolated housing Walgreen's Grocery store Traffic



The Future of Newton - Vision and Goals:

- Pedestrian-friendly streets connecting neighborhoods with enhanced public transit
- Vibrant village and commercial centers
- Vital suburban and residential environments
- Changes that are consistent with community character and historic resources

Newton Highlands Open Space and Recreation







Hyde Playground is a focal point

Crystal Lake: bathing, walking, fishing, and ice skating

Newton Highlands Playground: sports

Cold Spring Park

Sudbury and Cochituate Aqueducts

Newton Highlands - Heritage Landscapes

What are valued landscapes in Newton Highlands

From the Reconnaissance Report (April 30, 2009)

- South Parish Burying Ground (1802): 1.4 acres,
 also known as the Winchester Street Burying Ground
- Newton Highlands branch library (1886):
 Louis Brigham House (restored in 2009 using CPA funds)
- Hyde School (1907, Neo-classical)
- Newton Highlands Playground (Add to list)

Newton Highlands - Heritage Landscapes

What are valued landscapes in Newton Highlands

From the Reconnaissance Report (April 30, 2009)

- Charles River Railroad right-of-way
- Cold Spring Park (66.7 acres, 60% wooded):
 Old Cold Spring Park accessed from Duncklee Road
- Hope Fountain and Officer English Garden
- Lincoln Street, Station St., NH Railroad Station (1887)
- Crystal Lake (beach, bathhouse)



- Acquired in 1894
- "Great Pond"Over 10 acresState owned
- Accessed on three sides
- •Elevation 149 ft
- 18 direct abutters and Norwood Ave complex
- Drains into the Charles River



Skating on Crystal Lake

Crystal Lake Arts/Cultural Center (future)

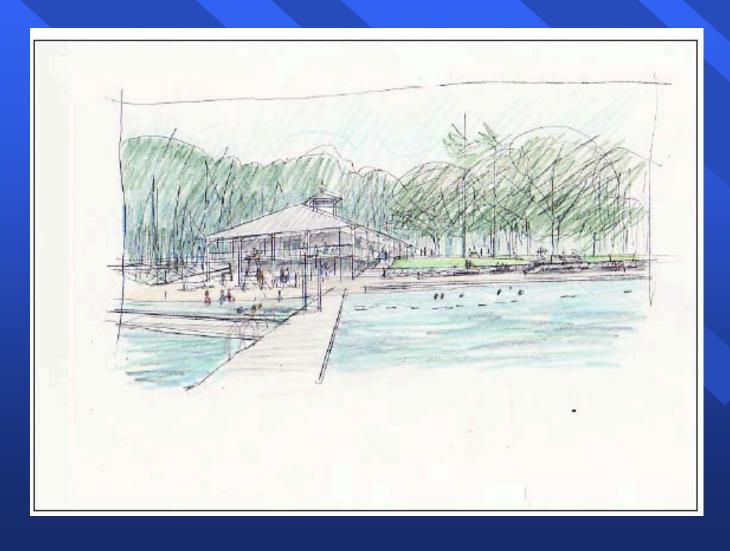


View of new building approaching the lake from Rogers Street

Flat roof shed has been removed

Access to building and between building and park is improved

Crystal Lake Arts/Cultural Center (future)

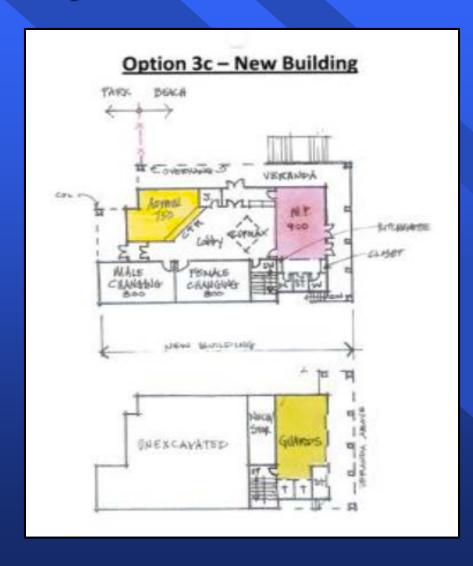


View of new building looking from the dock in the lake

Reminiscent and respectful of familiar structure that it has replaced

Increased lighting and new usable verandah providing views to the lake and park

Crystal Lake Arts/Cultural Center (future)



Programming expanded to 4 season facility

Senior programs, arts and cultural events

Option for oval circulation patter





The Hyde Community Center

The Hyde Community
Center - opened in 1988
after the Hyde School
closed in 1984

Self-supporting non-profit organization

Movie nights and dances
Winter Social
Basketball and volleyball
Speakers' Series
Band nights
Halloween haunted house
Exercise and meditation

Now home of the Cultural Center of Taipei



The Taiwan Garden at the Cultural Center of Taipei





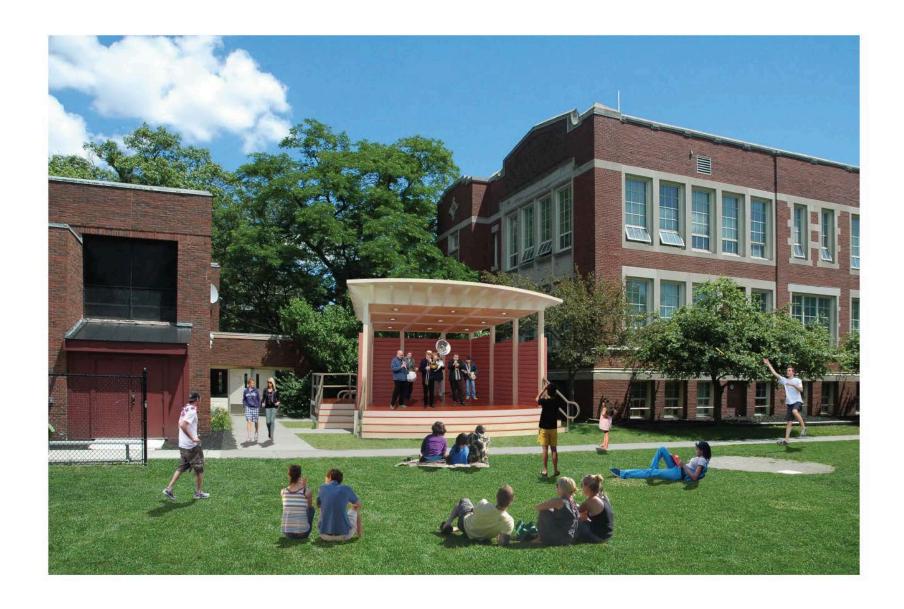
The Cultural Center of Taipei Economic and Cultural Office in Boston

Established in 1991 in Chinatown, Boston

Relocated to Hyde Center in 2007

Computer room, multiple use auditorium, library

Liaison for overseas business, education, and promotion of Taiwanese culture







Ice Skating at the Hyde Playground (starting 2010)





The Future of the Hyde Center

Is the brick wall design of the Hyde Center consistent and reflective of nearby buildings in the village?

What if it were a two story structure?

An indoor swimming pool and exercise gym?

A community meeting space and function hall?

Available for private occasions?

A facility that integrates with the neighborhood

Newton Highlands Playground (current)



Off of Dedham Street

Worn out children's Tot-lot

Baseball diamond

Poor access to adjacent woodland

Problems with water drainage

Leads to difficult use

Newton Highlands Playground (current)



Surrounding perspective

Parking on Winchester Street during some events

Upland Avenue extension provides rear access to businesses and park

Immediately adjacent to homes on Wade Street

Adjacent to both homes and businesses

Newton Highlands Playground (current)



Off of Dedham Street

13.3 acres

60% active use

40% passive use

Facilities not up to today's standards

Highly used by youth sports organizations

Newton Highlands Playground (proposed)



Plan creates facilities for:

Tennis courts
Baseball
Football/soccer
Basketball
Open field
Passive woodland paths
Children's play area

Two new park support buildings

Landscape enhancements

Parking: street-side and new asphalt lot within green-space of park

Newton Highlands Playground (proposed)



Current draft parking plan:

55 spaces street side

32 spaces in lot

Suggestion to revise draft plan:

Improve parking access while removing asphalt lot within parkland area

ROW: 50 ft wide x 900 ft length

Could accommodate 100 spaces

No need to replace parkland with parking

Parking may be shared with businesses on evenings and weekends



Newton Highlands Residential Neighborhoods







Gamut of styles: 1600s to 2000s

1600's: Colonial neo-Jacobian

1800's: Italianate, Gothic, Queen Anne, Shingle Style, Richardson Romanesque

1900's: Colonial Revival, Cape Cod, Ranch, Tudor, Dutch Colonial

2000's: Neo-traditional, Contemporary

Newton Highlands - Pillar One

Local Historic District

- Add a level of protection to the most historical and impressive houses in our district
- Regulate demolition, new construction, or addition to a historic structure
- Does not apply to parts of the house that are out of view
- Does not apply to paint, landscaping, ordinary repairs
- Does not apply to terraces, sidewalks, if above ground

Proposed Newton Highlands Local Historic District City of Newton, Massachusetts

Newton - Pillar One

NHNAC Local Historic District (Proposal)

Includes most of area around Lincoln Street National Register and Ann Cobb historic district

Includes Dickerman house, Fogg Farm, and historic William Hyde House

Proposed area of LHD in Newton Highlands

- District consists of 252 properties of which 5 are vacant lots
- More than 2/3 have already been documented on the Mass Historic Commission Form B or Area Forms
- That left 74 properties not yet researched
- Volunteers photographed 173 properties in need of documentation (3/4 view from street)

What have we heard? Pros and Cons:

Pros:

- Preserve and protect distinctive characteristics of buildings and places in Newton Highlands
- Encourage compatible new designs

Cons:

- Prevent homeowners from desired updates or upgrades to their homes?
- Another potentially costly layer of bureaucracy?

Features of a LHD to consider in Newton Highlands

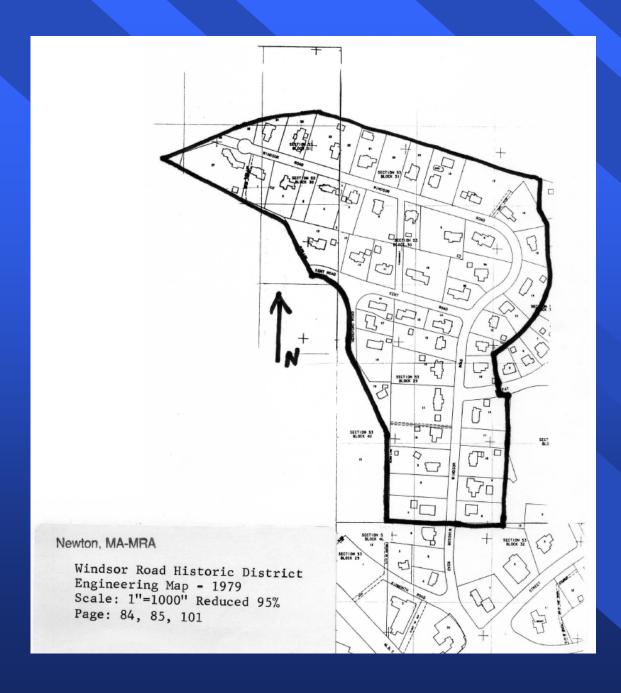
- Purpose is not to prevent all growth, but to make new changes harmonious with surrounding properties
- Only allowed to review changes visible from a public way
- Exclude items such as: paint color, storm windows and doors, air conditioning units
- Routine maintenance is exempt from review

Features of a LHD to consider in Newton Highlands

- May consider size and shape of building, may impose additional set back or dimensional requirements
- Will not consider interior changes, solar may be approved
- Exclude temporary structures, terraces and walks, walls,
 fences, lighting fixtures, anything damaged by fire or storms
- May issue "certificate of hardship" if an incompatible change is not a detriment to the public welfare
- Appeal process: through Superior Court

I want to construct an addition in LHD... what do I do?

- Complete an application to the local Historic District
 Commission
- LHD Commission will hold a public hearing
- If the addition is deemed appropriate, the Commission will issue a certificate you would go to ISD to get a permit
- If the application is not compatible, the Commission will explain why and offer suggestions on how to improve the project



Waban – Windsor Road Historic District

48 houses on a curving road, large lots, varied terrain, and sweeping views

Developed in late 19th and early 20th century.

15 houses built by 1907, another 20 added by 1950

Several streets were planned, only Kent Road and Hereford Road were built





The Future of Newton Highlands:

A process of incremental change

5 Bellingham Street





240 Plymouth (2007)

The Future of Newton Highlands:

A process of incremental change



240 Plymouth (2009)



21 Endicott Street (2005)

The Future of Newton Highlands:

Neo-Traditionalism



99 Lincoln Street (2003)



73 Wood End Road (2001)



119 Lincoln Street (2003)

The Future of Newton

An exercise in historical restoration



119 Lincoln Street (2009)



1910 Colonial Revival



89 Forest Street (2002)

An Occasional Exercise in Non-traditionalism



1094 Walnut Street (2004)



New Construction: Contemporary design, transparent, glass and stone Modest size: 2943 SF on a 15,287 SF lot, built in 2010

Newton - Pillar Two

Zoning Review and Recommendations

- Re-evaluation of the zoning map and zones themselves
- Consider zoning changes that have property-specific effects
- Review: lot coverage, setbacks, heights, location on a lot, and what is buildable and what is not
- Create framework for context sensitive, form-based code
- Integrate with system of design review





Houses are getting bigger

295 Upland Avenue April, 2013







Houses are getting bigger

295 Upland Avenue March, 2016





200 Upland Avenue March, 2016

4000+ SF house Built in 2016

Replaced a 1143 SF house



Next to a 1600 SF Cape Cod house Built in 1955

The Future of Newton

Houses are getting bigger



The Future of Newton

It's getting a bit crowded around here!

219 Lake Avenue March, 2016



Moses Crane house, 1860 Inventor of the fire alarm



245 Lake Ave



215 Lake Ave





It's getting a bit crowded around here!

215 Lake Ave March, 2016









It's really getting crowded around here!

245 Lake Ave March, 2016









Respect your neighbor's personal space

245 Lake Ave March, 2016









A house grows a new wing and sprouts more asphalt

81 Woodward Street January, 2016







Concealing a garage

136 Hyde Street 2007 - 2016





Wetherell House Six units of housing

Elliot & Wetherell Streets March, 2016

Do good fences make good neighbors?

Why are there retaining walls?

18.8K SF on 30K SF lot \$6,550,000





Retaining walls can lead to floods

Stockade fence on top of retaining walls

Was once popular short cut to Richardson Field

The Future of Newton

A community of isolation: fences and walls

136 Beethoven Avenue March, 2016





Turning your back to the community Isolated: sidewalks to nowhere Garages like soldiers,

standing at attention!

The Future of Newton

Exclusive and separated Someplace becomes no place

The Terraces
Langley Road





Houses that front our main streets

Integrated paths that connect homes to community

No fences to form barriers Landscaping, not retaining walls

The Future of Newton

Preserving our Heritage landscapes

Commonwealth Avenue March, 2016



Newton - Pillar Three

Design Review and Recommendations

- Contextual review this is NOT about aesthetics!
- Alignment with priorities
- Promoting place excellence
- Developing standards and standardizing expectations
- Balancing community goals, privacy, and property rights



Large lot: 33,202 SF

House built 1905 was 3917 SF

Replaced in 2014 with 8310 SF house

Contemporary design

170 Windsor Road New Construction

Windsor Road on Historic Register



Demographics:
Not so affordable any more

1657 Centre Street March, 2016

Bigger house – bigger price Rented for \$1625/month: 2574 SF – 6840 SF Each unit sold: \$1,100,000 - \$1,175,000







An eclectic village that Includes single and multi-family Homes, a grocery store, Restaurants, and services

Near Crystal Lake, Cold Spring Park, the Library, and the MBTA

The Future of Newton

Four Corners – What's Missing Here?

Carthay Circle March, 2016





Before: Two houses on a street, getting along just fine

1572 Beacon: Colonial built in 1920, 2550 SF house on 15,000 lot

1580 Beacon: Colonial built in 1920, 2373 SF house on 15,091 lot







1580 Beacon Street

Historical Commission: decided that the house should be "Preferably Preserved" for architectural integrity and neighborhood context (vote 7-0, July 2014)

1580 Beacon Street tests the premise that context in the neighborhood has value.

Was a 2 story house with an unusual central eyebrow dormer and single story wings.

A new dormer was added in 1979, in the rear

Otherwise, minimally altered with retained historic features



New Construction: Building permit taken out August, 2015 (\$560K valuation) Contemporary design, roof lines poorly reflect sense of proportionality Next to another house that turns its back to its neighbors



Next to new Construction – notice Pillars of new Fence Perhaps to assert the desire for isolation, tall brick barriers are being erected in the front yard



Next to new Construction – notice Pillars of new Fence
Demeaning and devaluing the public way – Walking on the sidewalk
near the village center becomes a humiliating experience

Newton - Pillar Four

Inspectional Compliance and Recommendations

- Notification of abutters and interested parties
- Enforcement of zoning policies
- Compliance with design guidance
- Includes fencing, grade changes, retaining walls
- Height, parking in the front setback, surface runoff





The Future of Newton

A peaceful lakefront house

35 Norwood Avenue March, 2016





Uncomfortable interjection of a contemporary design

Front yard consists of sloped garage and driveway

Multiple ways house is non-compliant with rules

The Future of Newton

A peaceful lakefront house

35 Norwood Avenue March, 2016





Lake: within 100 ft of wetland setback

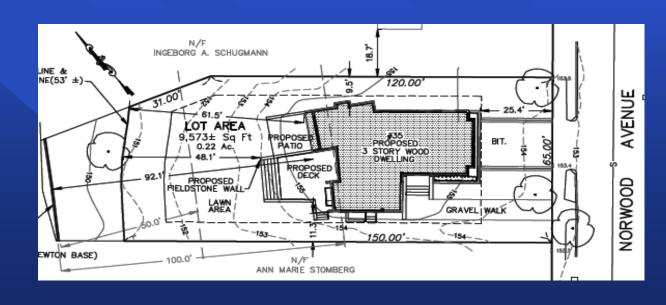
Exceed FAR: 0.42 = 5813 SF house on 9573 SF lot

Exceed height = 35.7 ft
Insensitive to environment

The Future of Newton

How much variance is too much?

35 Norwood Avenue March, 2016





A demographic change

1453 Centre Street March, 2016

Bigger house – bigger price Size grew from: 1500 SF – 5500 SF Price grew from: \$654K - \$2,340,000







The Future of Newton

Lakefront in back, but with lots of asphalt in front

1453 Centre Street March, 2016



Newton – Future Planning

Next steps: Review and Develop the Four Pillars

- Historical Preservation and the Local Historic District
- Zoning Review and Update
- Establishing robust Design Guidance
- Insuring Inspectional Compliance

Newton Highlands - The Future

- Can we envision growth within the historical context of Newton's villages?
- Can we solve problems of housing in our villages and business centers?
- Can we improve transportation and mobility and create pedestrian-oriented streetscapes?
- Can we create places we can be proud of?