Chappaqua Form Based Code Working Group Session – Draft Code November 13, 2019



JOEL RUSSELL ASSOCIATES

Meeting Objectives

- I. Walk Through Key Elements in Order to Facilitate Reading and Understanding of Code Including:
 - I. Code Organization
 - II. Key Concepts of the Transect and Regulating Plan
 - III. Administration and Approval Process
 - IV. Highlight New Items and/or Detail
 - V. Provide Results of Code Testing

:SGroup

Associates

II. Provide Opportunity for Q & A

Kimley »Horn



Agenda

- 1. Recap
- 2. Code Organization
- 3. Transect/Sub-Districts
 - Land Use
 - Max. Building Heights
 - Density
- 4. Regulating Plan
- 5. Approval Process
- 6. Parking
- 7. Code Testing Results
- 8. Architecture
- 9. Green Building
- **10. Affordable Housing**
- 11. Q&A/Discussion



Town of New Castle, New York Chapter 60 Zoning Article VIII: Form Based District Sections 60-800 to 60-930

Draft: 11/8/19





RESGroup

Joel Russell Associates Draft: 11/8/19

Recap

Comprehensive Plan: Key Concepts for the Form Based District

Livable Built Environment

Harmony With Nature

Resilient Economy

Healthy Community

Responsible Regionalism Promote use of alternative transit and facilitate a range of housing types and higher density while preserving & protecting historic resources

Protect & maintain natural resources; protect and manage open spaces; ensure sustainable design that reduces the Town's carbon footprint

Create vibrant walkable mixed-use area that has a sustainable mix of commercial & residential uses & increases patronage

Expand, enhance, and maintain park and rec. space; increase rec. programming & facilities; improve linkages between open spaces and key destinations

Align with regional sustainable objectives such as Transit Oriented Development, preservation of open space, & affordable housing



Proposed Form Based District Structure

New Castle Zoning Ordinance Article VIII – Form Based District ordinance are referenced Authority, Purpose, Administration, Relationship to Town Code **Transect Based Sub-Districts: Intent, Land Use, Density F-6 F-SD** F-1 (reserved) (reserved **Regulations/Development Standards Chappaqua: Lower & Upper King Potential New Areas** (new zoning designation to be implemented by Town) (consistent with Comp. Plan/rezoned by Town or individual) **Detailed Regulating Plan**

Maps Build-to-Lines, Frontage Types, Opens Space, Frontage Occupancy, Building Heights, Vista Terminations, Special UD Features

Some regulations in existing

Detailed Regulating Plan

Maps Build-to-Lines, Frontage Types, Opens Space, Frontage Occupancy, Building Heights, Vista Terminations, Special UD Features

Transect Zones/Character Areas For Chappaqua



Hill & Lower Upper King King Mt. Kisco

Proposed Transect Map & Land Uses

- 1. Residential permitted throughout to promote env. sustainability, healthy behaviors, T.O.D. best planning practices, and a retail supportive environment
- 2. No restrictions for residential types or tenures
- 3. Affordable housing requirement consistent with current requirements
- 4. Mixed-Use and single-use permitted throughout



Mixed-Use - T5 Mixed-Use/No Retail – T5(-)

Mixed-Use – T4

Proposed Transect Map & Land Uses: Retail

1. Retail required at specific places, generally permitted, but prohibited in some areas to create retail supportive environment



Mixed-Use - T5 Mixed-Use/No Retail – T5(-) Mixed-Use – T4 Retail Required



Building Height: 5-Story

- 1. Area closest to train station, supportive of best planning practice for T.O.D.
- 2. Environmentally sustainable development pattern
- Most significant opportunity to further Comp. Plan goal of bringing residences
- 4. Most support for a revitalized Lower King
- Transit parking replacement is significant financial burden – Increased units can offset costs
- Area with least visual impact & removed from single-family homes





Building Height: 4-Story

- 1. Maintain character
- 2. Two-sided spatial proportion considered
- Most areas dimensionally constrained (most likely can't achieve bldgs. taller than 4story)
- 4. Transition from 5-story area





4-Story



Building Height: 3-Story

- 1. Compatible with historic buildings and character
- 2. Transition to singlefamily homes
- Most areas dimensionally constrained (most likely can't achieve bldgs. taller than 3story)





3-Story



Frontage Occupancy



High



Medium-High



Medium



- 1. Higher in core area and at most significant retail
- 2. Medium in T4 where there is less retail
- 3. Lower in less "dense" areas and in transition areas to single-family

Code Organization



Draft: 11/8/19

Town of New Castle, New York: Chapter 60 Zoning

Draft: 11/8/19

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Ordinance No.: 0000-00

Adopted: MM/DD/YYYY

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Transect/Sub-Districts





Transect Map



Use Category	F-1	F-2	F-3	F-4(-)	F-4	F-5(-)	F-5	F-6	F-SD
Agriculture, Heavy	resv'd.	resv'd.	resv'd.	N	N	N	N	resv'd.	resv'd.
Agriculture, Light	resv'd.	resv'd.	resv'd.	N	N	N	N	resv'd.	resv'd.
Automotive Sales and Service*	resv'd.	resv'd.	resv'd.	N	Р	N	Р	resv'd.	resv'd.
Civic Facilities	resv'd.	resv'd.	resv'd.	Р	Р	Р	Р	resv'd.	resv'd.
Controlled Uses**	resv'd.	resv'd.	resv'd.	N	N	N	N	resv'd.	resv'd.
Industrial, Light	resv'd.	resv'd.	resv'd.	N	N	N	N	resv'd.	resv'd.
Industrial, Heavy	resv'd.	resv'd.	resv'd.	N	N	N	N	resv'd.	resv'd.
Institutional	resv'd.	resv'd.	resv'd.	N	N	N	N	resv'd.	resv'd.
Office	resv'd.	resv'd.	resv'd.	Р	Р	Р	Р	resv'd.	resv'd.
Public Facilities and Utilities	resv'd.	resv'd.	resv'd.	S	S	S	S	resv'd.	resv'd.
Residential, Multi-Family	resv'd.	resv'd.	resv'd.	Р	Р	Р	Р	resv'd.	resv'd.
Residential, One-Family	resv'd.	resv'd.	resv'd.	Р	Р	N	N	resv'd.	resv'd.
Residential, Townhouse	resv'd.	resv'd.	resv'd.	Р	Р	Р	Р	resv'd.	resv'd.
Residential, Two-Family	resv'd.	resv'd.	resv'd.	Р	Ρ	N	N	resv'd.	resv'd.
Retail and Mixed-Use	resv'd.	resv'd.	resv'd.	N	Р	N	Р	resv'd.	resv'd.

* See §60-860 E. (7) for special requirements

** Controlled Uses are subject to the review and approval procedure set for in § 60-430 Special Uses

Figure 860-04: Land Use Table

Form Based Sub-District	Maximum Height* (No. of Stories)				
F-1	reserved				
F-2	reserved				
F-3	reserved				
F-4(-)	4				
F-4	4				
F-5(-)	5				
F-5	5				
F-6	reserved				
F-SD	reserved				

F-4 – Hamlet General Urban Sub-District consists of medium density development. A mix of uses and mixed-use buildings may be present. Residential building types include primarily Multi-Family and Townhouse. Low-tomidrise buildings are found. Setbacks are smaller. Streets with curbs, sidewalks, and regularly spaced street trees define medium-sized blocks.

- 1. Density: FAR or DU/AC are not used to limit density. Density is limited by building form (including heights and parking requirements).
- 2. Density is also determined by FGEIS. Overall district may not exceed the impacts studied in the GEIS
 - TORTI GALLAS + PARTNERS

Regulating Plan



Regulating Plan



Block Numbers



Build-to-Line



TORTI GALLAS + PARTNERS



Build-to-Line

1. Different than a set-back line – buildings must be built to this line and not further back from this line.

Frontage Occupancy



1. * 70% minimum for lots shorter than 100' along Build-to-Line, 60%

- minimum for lots shorter than 92'.
- 3. ** 100% maximum for lots shorter than 50' along Build-to-Line,
- 4. 80% for lots shorter than 150' along Build-to-Line.



Building Height



- 1. Minimum Building Height
- 2. Maximum Building Height
- 3. Measured in Stories, not Feet
- 4. Each Block Face (may supersede sub-district maximum height with a lower maximum height)



Retail



Frontage





- A hardscape surface from Curb to Building Face measuring 16' in depth from the curb face and integrally designed to appear as a single sidewalk.
- Street tree pits a minimum of 4' long and 4' wide planted with trees approximately every 40 linear feet.
- Materials shall match the existing sidewalks along King St and Greeley St.

Special Architectural Features





Required Open Space



- 1. As shown in Regulating Plan
- Referencing §60-420.G -Parkland or parkland fees with multifamily site plan approval: Impractical to provide on-site -Fees shall be paid, rather than provision on-site, for use in District.

Approval Process



Typical Submission/Approval Process*

SEQRA/GEIS Already Completed for Form Based Code

Application Consistent with FBC

Terms to be changed to:

*Schematic Review

*Design Development

Review



Note: Process does not typically require Planning Board approval or Architectural Review Board referral.

Administrative Approval of Minor Deviations

- Minor Deviations from Dimensional Requirements
 - Public and Private Street Alignments of up to 50'
 - 2. Open Space Configurations
 - Build-to-Line Deviations of 15% or less
 - 4. Frontage Occupancy Deviations of 5% or less
 - 5. 5% for other dimensional deviations
- Land Uses not listed that are similar in character, scale, and impact

- Cul-de-sacs when there is a physical barrier
- Parking reduction when a study has been completed
- Higher percentage of compact spaces when demonstrated that a higher use of compact spaces occurs
- New street locations when they comply with regulations
- Substitute materials for buildings when they meet specific conditions



Planning Board and Zoning Board of Appeals

- Decisions of the Development Department may be submitted for reconsideration by the Planning Board.
- Special Permits are granted by the Planning Board.
- Variances must be granted by the Zoning Board of Appeals.



Expansion and Modification of Non-Conforming Uses and Structures

• Development Department rather than Zoning Board of Appeals



Parking



Parking

Use Category	Ratio
Agriculture, Heavy	[reserved]
Agriculture, Light	[reserved]
Automotive Sales and Service	[reserved]
Civic Facilities	TBD*
Controlled Uses	[reserved]
Industrial, Light	[reserved]
Industrial, Heavy	[reserved]
Institutional	TBD*
Office	
General Office	2.8/1,000 SF
Medical Office	3.3/1,000 SF
Public Facilities and Utilities	TBD*
Residential, Multi-Family	
Rental	
Studio	.85/DU
1-Bedroom	1.1/DU
2-Bedroom	1.4/DU
3+Bedroom	1.65/DU
Ownership	
Studio	.9/DU
1-Bedroom	1.2/DU
2-Bedroom	1.5/DU
3+Bedroom	1.75/DU
Residential, One-Family	2/DU
Residential, Townhouse	1.8/DU
Residential, Two-Family	2/DU
Retail	
up to 10,000 SF	2.8/1,000 SF
> 10,000 SF	4/1,000 SF
Restaurant	10/1,000 SF

To be determined by the Development Department at time of application. Figure 880-08: Base Parking Ratios

- 1. AFFH & Workforce: .75/Studio; 1/DU other
- 2. Comm. additions <3,000 SF none if no parking reduced
- 3. 4 or < DU addition to ex. comm. 50% reduction
- 4. Shared Parking permitted
- 5. Year long study illustrating reduced parking use can free up parking for other uses
- Demonstration that an existing comparable use requires less parking can reduce parking required by 10% max.
- 7. Off-site parking permitted within 1,320'
- 8. Overnight on-street parking permitted
- 9. Overnight parking in existing municipal lots permitted and may count towards 20% of required parking.
- 10. On-street directly in front of use may count
- 11. Daytime existing municipal lot parking permitted if there are sufficient spaces
- 12. Off-site within 1-mile with shuttle
- 13. Fee-in-Lieu for right to park in new municipal lots



Code Testing Results





TORTI GALLAS + PARTNERS

Third Floor Plan Test Site 01 3 124 195 687 76

Fourth Floor Plan

(

Code Testing



Ground and Second Floor Plans Test Site 02





Comment from tester: Not clear if you are doing an addition if you must adhere to the permitted styles or work with the style of the existing building.







Off-Site Parking Locations Test Site 02

LEGEND Front Door 😗 380 ft Pedestrian Path 450 ft Pedestrian Path Site

General Architecture

All Buildings

- **Urban Design Response** 1.
- 2. Massing
- 3. Orientation
- **Facade Organization** 4.
- Entries 5.
- Windows 6.
- Wall Materials 7.
- 8. **Mechanical Equipment**
- 9. Materials
- 10. Color
- 11. FFE
- 12. Steps at Stoops

Retail, Office, & Mixed-Use Buildings

- Configuration 1.
- Windows 2.
- 3. Entries

Townhouses

String Composition 1.

Civic

1. Siting



Architecture, Styles

Draft: 11/8/19

Town of New Castle, New York: Chapter 60 Zoning

G. Architecture Styles

(1) Permitted Styles:

- a. The following styles are reflective of the history of Chappaqua, New Castle, and the region and new buildings shall be designed in one of these permitted styles:
 - i. Georgian/Federal
 - ii. Greek Revival
 - iii. Italianate iv. English Tudor
 - v. Art Deco
- The permitted styles by sub-district are b. shown in Figure 920-08.
- (2) Language Usage: As used in this subsection, headings designated "history" are intended to be descriptive and explanatory and not regulatory. Architectural elements prefaced by the words "shall, ""must," and "essential" are mandatory, and architectural elements prefaced by the words "usually," "typically," "commonly", "should," "may", "illustrate," or similar permissive words are advisory or recommended but not required.
- (3) Additional Style Guides: In addition to the standards established in this sub-section for each style, building design shall also adhere to the principles contained in A Field Guide to American Houses (McAlester, Virginia and Lee, Consumers Union of United States, 1984), The American Vignola (Ware, William R., Dover Publications, Inc., 1994) and Traditional Construction Patterns (Mouzon, McGraw-Hill, 2004) as interpreted by the Development Department. Technical architectural terms used in this section shall carry the meanings generally understood within the architecture profession and described in architectural manuals and textbooks in common usage, such as those listed above. Interpretation of such architectural terms shall be made by the Development Department.
- (4) When the phrase, "...shall be appropriate to the architectural style" or "shall be consistent with the historic style" or "shall be consistent with the style" is used in this code, it shall mean that the item shall be consistent with the selected style as described in A Field Guide to American Houses (McAlester, Virginia and Lee, Consumers Union of United States, 1984)
- (5) Building Details: All building elements shall be consistent with the historic style.

Style	F-1	F-2	F-3	F-4(-)	F-4	F-5(-)	F-5	F-6	F-SD
Georgian/Federal	resv'd.	resv'd.	resv'd.	Р	Р	Р	Р	resv'd.	resv'd
Greek Revival	resv'd.	resv'd.	resv'd.	Р	Р	Р	Р	resv'd.	resv'd
Italianate	resv'd.	resv'd.	resv'd.	Р	Р	Р	Р	resv'd.	resv'd
English Tudor	resv'd.	resv'd.	resv'd.	Р	Р	Р	Р	resv'd.	resv'd
Art Deco	resv'd.	resv'd.	resv'd.	N	N	P*	P*	resv'd.	resv'd
[reserved]	resv'd.	resv'd							
[reserved]	resv'd.	resv'd							

* Art Deco shall not be the predominant style and may not exceed 20% of a block face.

Figure 920-08: Permitted Styles

Adopted: MM/DD/YYYY

72 Ordinance No.: 0000-00

Green Building



Green Building & Healthy Buildings

B. Applicability and Requirements for

(1) In order to promote the health and welfare of

the community and to support the goals of

the Comprehensive Plan all buildings requiring

to be LEED Certified (or similar) shall also be initially certified as healthy buildings through

Fitwell, Well Building, or similar rating system.

Healthy Buildings

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Town of New Castle, New York: Chapter 60 Zoning

§ 60-910 Form Based District: Green Building and Healthy Building Standards

- Applicability and Requirements for Green Buildings
- All new buildings shall comply with the provisions in Chapter 74 Green Building Standards except as modified here:
 - Alternate rating and certification systems to USGBC's LEED for New Construction (LEED-NC) may be approved by the Development Department
 - All new developments greater than 50,000 S.F. shall be at least LEED Certified or equivalent.
 - c. All new developments greater than 100,000 S.F. shall be at least LEED Silver Certified or equivalent.
 - Parking structures shall not be required to be LEED Certified or equivalent.
- (2) All sites providing irrigation shall provide a method to capture and re-use rainwater.
- (3) All exterior lighting shall use photosensitive cells that automatically turn off lights at sunrise.
- (4) Geo-thermal shall be permitted on all sites.
- (5) Green roofs shall be permitted for all building types.
- (6) Pervious paving shall be permitted.
- (7) All new development shall comply with the New York State Green Infrastructure mandate.

1. Town Attorney has identified that there may be an issue with the way that the current Green Building Ordinance is written and administered.

62 Ordinance No.: 0000-00

Adopted: MM/DD/YYYY



Affordable Housing



AFFH and Affordable Housing

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Article VIII: Form Based Districts

§ 60-900 Form Based District: Affordable And Workforce Housing

- A. AFFH and Workforce Definitions and AFFH Model Ordinance Provisions
- See §60-210 "Affordable Affirmatively Furthering Fair Housing (AFFH) Unit" for definition of an AFFH unit.
- (2) See §60-210 "Workforce Housing" for definition of Workforce Housing.
- (3) See §60-220 "Affordable AFFH model ordinance regulatory provisions" for provisions.

B. Requirements

- The following requirements for number of AFFH and Workforce units shall supersede requirements found in the Town of Newcastle Code:
 - Developments of less than 12 dwelling units shall not be required to provide AFFH or Workforce dwelling units.
 - Developments of 12 to less than 80 dwelling units shall provide a minimum of 4% AFFH dwelling units and minimum of 2% Workforce units.
 - Developments of greater than 80 dwelling units shall provide a minimum of 8% AFFH dwelling units and 4% Workforce units.
 - d. Developments with multiple phases shall count the total number of dwelling units for all phases for purposes of determining the required percentage of AFFH and Workforce units. AFFH and Workforce units shall be provided in each phase of a multi-phase project at the required ratios.

Adopted: MM/DD/YYYY

Ordinance No.: 0000-00 61



- 1. Current Ordinance requires
 - a) MFR-C: 5-10 MF DU req. 1 AFFH DU
 - b) MFR-C: 10 or more MF DU req. 10% AFFH
- Current Ordinance does not require Workforce Housing (defines as 100% AMI for family of 4 – same as AFFH). Often, Workforce is defined as 80-120% of AMI.
- 3. Recommended requirements in the Form Based District are:
 - a) <12 DU no requirement
 - b) 12-80 DU requires:
 - a) 4% AFFH
 - b) 2% Workforce
 - c) 80+ DU requires:
 - a) 8% AFFH
 - b) 4% Workforce

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Joel Russell Associates