

#### What's changed since the DEIS?

New information and other corrections and revisions since issuance of the DEIS are described in cross-out (for deleted text) and underline (for new text) format. Entirely new sections or exhibits may be identified by a sidebar callout instead of underline.

# **APPENDIX F**



SUMMARY OF CHANGES TO LAND USE CODE, AND MHA URBAN DESIGN AND NEIGHBORHOOD CHARACTER STUDY.

#### **DEVELOPMENT CAPACITY INCREASES**

Exhibit F-1 Standard MHA Development Capacity Increases in the Residential Small Lot (RSL) Zone

ZONING			DENS	ITY LIMIT	HEIG	HT LIMIT*
Existing F	Proposed	Housing Type	Existing	Proposed	Existing	Proposed
Small Lot	Residential Small Lot (RSL)	RSL Tandem RSL/T Cottage RSL/C	1 / 2,500 ft <sup>2</sup> 1 / 2,500 ft <sup>2</sup> 1 / 1,600 ft <sup>2</sup>	1 / 2,000 ft <sup>2</sup> (all housing types)	25' 18' 18'	30' (all housing types)

**Far Limits:** Existing RSL zones have no maximum FAR Limit. The proposed RSL zone would have a maximum FAR Limit of 0.75.

<sup>\*</sup> Allowances for 5' additional height for roof pitch are included in all existing and proposed cases. Source: City of Seattle, 2017.



Exhibit F-2 Standard MHA Development Capacity Increases in Lowrise Zones: Height and FAR Limits

ZONING FAR LIMIT\* HEIGHT LIMIT

Existing	Proposed	Housing Type	Existing	Proposed	Existing	Proposed
Lowrise 1 (LR1)	Lowrise 1 (LR1)	Cottage Housing	1.1	1.3	<u>22'</u>	<u>22'</u>
		Townhouse	1.2	1.3	30'	30'
		Rowhouse	1.1	<del>1.2</del> <u>1.3</u>	+ 5' roof pitch	+ 5' roof pitch
		Apartment	1.0	1.3	o roor pitori	o roor pilon
Lowrise 2 (LR2)	Lowrise 2 (LR2)	Cottage Housing	1.1	1.3	<u>22'</u>	<u>22'</u>
		Townhouse	1.3	1.4	30'	40'
		Rowhouse	1.2	1.4	+ 5' roof pitch	+ 5' roof pitch
		Apartment	1.3	<del>1.5</del> <u>1.4–1.6</u>	o reer piter	o reer phon
Lowrise 3 (LR3)	Lowrise 3 (LR3)	Cottage Housing	1.1	1.3	<u>22'</u>	<u>22'</u>
Outside of urban	Outside of urban	Townhouse	1.4	<del>1.6</del> <u>1.8</u>	30'	40'
village, center, or station areas	village, center, or station areas	Rowhouse	1.3	<del>1.5</del> <u>1.8</u>	+ 5' roof pitch	+ 5' roof pitch
		Apartment	1.5	1.8	o roor picon	o reer phon
Lowrise 3 (LR3)	Lowrise 3 (LR3)	Cottage Housing	1.1	1.3	<u>22'</u>	<u>22'</u>
Inside of urban village, center, or station areas  Inside of urban village, center, or station areas	Townhouse	1.4	<del>1.6</del> <u>2.3</u>	40'	50'	
	station areas	Rowhouse	1.4	<del>2.2</del> <u>2.3</u>	+ 5' roof pitch	+ 5' roof pitch
		Apartment	2.0	2.3	. o roor piteri	. o roor piteri

Height limit for Cottage Housing is 18' +7' for roof pitch in all Lowrise Zones

Exhibit F-3 Standard MHA Development Capacity Increases in Lowrise Zones: Density Limits

ZONING DENSITY LIMIT

Existing	Proposed	Housing Type	Existing*	Proposed
Lowrise 1 (LR1)	Lowrise 1 (LR1)	Townhouse Rowhouse Apartment	1 Unit / 1,600 ft <sup>2</sup> 1 Unit / 1,600 ft <sup>2</sup> 1 Unit / 2,000 ft <sup>2</sup>	1 Unit / 1,350 ft <sup>2</sup> 1 Unit / 1,300 ft <sup>2</sup> No Limit**
Lowrise 2 (LR2)	Lowrise 2 (LR2)	Townhouse Rowhouse Apartment	No Limit	No Limit
Lowrise 3 (LR3) Outside of urban village, center, or station areas	Lowrise 3 (LR3) Outside of urban village, center, or station areas	Townhouse Rowhouse Apartment	No Limit	No Limit
		Density limit for cottag 1,600sf of lot area fo		No Limit

<sup>\*</sup> To achieve the maximum density limit under existing regulations a builder must meet standards for the location and configuration of parking, and achieve green building performance. In the proposed builders must achieve green building performance standard.

Source: City of Seattle, 2017.

<sup>\*</sup> To achieve the maximum FAR limit under existing regulations, a builder must meet standards for the location and configuration of parkin and achieve green building performance. In the proposed builders must achieve green building performance standard.

Source: City of Seattle, 2017.

<sup>\*\*</sup> A family-sized housing requirement applies.



Exhibit F-4 Standard MHA Development Capacity Increases Midrise and Highrise Zones

ZONING FAR LIMIT\* HEIGHT LIMIT

Existing	Proposed	Existing	Proposed	Existing	Proposed
Midrise (MR)	Midrise (MR)	3.2 base 4.25 bonus	4.5 (no base or bonus)	60' base 75' bonus	80' (no base or bonus)
Highrise (HR)	Highrise (HR)	13 (with bonuses) for buildings 240' and less 14 (with bonuses) for buildings over 240'	14 (with bonuses) for- buildings 240' and less 15 (with bonuses) for- buildings over 240'	300'	340' 440' (Preferred Alt.)

<sup>\*</sup> To achieve the maximum FAR limit under existing regulations a builder must meet standards for the location and configuration of parking, and achieve green building performance. In the proposed builders must achieve green building performance standard.

Source: City of Seattle, 2017.

**Exhibit F–5** Standard MHA Development Capacity Increases Action Alternatives in Commercial and Neighborhood Commercial Zones

ZONING FAR LIMIT\* HEIGHT LIMIT

Existing	Proposed	Existing	Proposed	Existing	Proposed
NC-30 C-30	NC-40 C-40	2.25 single use 2.5 all uses	3.0 (no single use limit)	30' + 4' or 7' for ground floor commercial space features	8040' + 4' or 7' for ground floor commercial space features
NC-40 C-40	NC-55 C-55	3.0 single use 3.25 all uses	3.75 (no single use limit)	40' + 4' or 7' for ground floor commercial space features	55'
NC-65 C-65	NC-75 C-75	4.25 single use 4.75 all uses	5.5 (no single use limit)	65'	75'
NC-85 C-85	NC-95 C-95	4.5 single use 6.0 all uses	5.0 single use 6.25 all uses (no single use limit)	85'	95'
NC-125	NC-145	5.0 single use 6.0 all uses	6.0 single use 7.0 all uses (no single use limit)	125'	145'
NC-160	NC-200	5.0 single use 7.0 all uses	6.5 single use 8.25 all uses (no single use limit)	160'	200'
All-IC-45 IC-65 Zones	IC-65 IC-65	2.5	2.75	<del>Varies, no changes to</del>	height limit proposed.

<sup>\*</sup> To achieve the maximum FAR limit under existing regulations a builder must meet standards for the location and configuration of parking, and achieve green building performance. In the proposed builders must achieve green building performance standard.

Source: City of Seattle, 2017.



#### Other Development Capacity Increases

The zone designations summarized above cover a large majority of all lands in the study area. Several other zones not summarized above would receive similar increments of development capacity increase. Information on development standard increases for zones that apply in limited locations and overlay zone conditions may be found in the Urban Design and Neighborhood Character Study, and in the list below:

- A new Seattle Mixed (SM) Northgate zone (SM-NG) would be established in Alternative 2 and the Preferred Alternative. It would have a height limit of 240' and a maximum FAR of 7.0. In the Preferred Alternative, a new SM-NG zone with a 125 foot height limit would also be created. The SM-NG zones include standards for tower separation, ground level and upper level setbacks, and a requirement for a publicly accessible through-block corridor.
- A new Seattle Mixed Rainier Beach (SM-RB) zone would be established in the Preferred Alternative. The SM-RB zone would have a height limits of 125, 85, and 55 feet and includes incentives for the inclusion of certain employment-generated uses. The zone also includes ground and upper level setbacks and other design standards.
- Northgate Overlay Development Standards in SMC 23.71.040 that limit housing density would be removed in Alternative 2 and 3, and the <u>Preferred Alternative</u>.
- Additional development capacity in Station Area Overlay districts would be provided in Action Alternatives as listed in the Urban Design and Neighborhood Character Study.
- Standards in the Pike / Pine Conservation Overlay District would be modified to allow for one extra floor of development in addition to what can be achieved through the incentive program. Amendments to the existing NC-65 zone could include:
  - » Increase commercial maximum FAR to 2.25, and overall FAR limit to 5.5 (underlying zone).
  - » Allow a 15 percent increase in the 15,000 square foot floor plate limit for retention of a character structure and participation in MHA, and increase height at which the floor plate limit applies to 45'.
  - » Retain existing 10' height allowance for retention of a character structure.
  - » Add a floor area limitation of 2.25 for residential uses if a character structure on site is not preserved, in order to maintain an incentive for developers to preserve character structures.
- Development Capacity increases that can be achieved through the Living Building Pilot program would be in addition to MHA capacity increases granted in the Action Alternatives.



The development capacity increases summarized here are provided based on the most recent information on the proposed action. As land use regulations are complex, minor adjustments to proposed development standards may occur as a legislative proposal is refined. Known refinements of this nature are included in this FEIS. The analysis in this programmatic EIS would adequately account for any such minor adjustments, and no additional significant impacts would result.

#### **New and Modified Development Standards**

Implementation of the proposed action would include several new or modified development standards. New and modified development standards are intended to improve urban design outcomes, enhance livability as the city grows, and to mitigate the potential impact of additional building bulk and scale that could result due to MHA implementation. Certain new or modified development standards that are a part of the proposed action are summarized below.

- Implement a new tree requirement in RSL zones. The requirement is based on a points system requiring a specific amount of caliper inches of new trees to be planted. The system incentivizes planting of large tree species.
- Update green factor landscaping requirements to place greater emphasis on tree planting.
- Add a new family-sized housing requirement in the Lowrise 1 (LR1) zone. The standard would require the inclusion of one family-sized unit of at least 2 bedrooms and 800 square feet for every four small housing units in a development.
- Implement new side façade design standards for developments in Lowrise (LR) zones, if the project is not undergoing design review. The standard requires placement of windows to preserve privacy relative to adjacent lots, and requires modulation or material changes for side facades.
- Implement new upper-level setback requirements in the LR2, LR3, and MR zones.
- Implement new upper-level setback requirements in C and NC zones
   75 in height or greater.
- Implement new and modify existing setbacks for zones that abut zones that are much lower intensity.
- Implement a new modulation standard for buildings in NC zones that are greater than 250 feet in width.

#### New to the FEIS

New and Modified Development Standards is a new section since issuance of the DEIS



#### New to the FEIS

Rezone Criteria amendements are updated since issuance of the DEIS

#### REZONE CRITERIA

Chapter 23.34.010 of the Seattle Municipal Code defines criteria for the re-designation of lands zoned from one zone to another. As a part of the proposal several rezone criteria would be modified. Proposed modifications of rezone criteria are intended to be consistent with the Seattle 2035 Comprehensive Plan adopted in 2016. The text below indicates potential text amendments to rezone criteria in line in / line out of existing code.

#### Single Family Zones

# 23.34.010 Designation of ((single-family)) <u>SF 5000, SF 7200, and SF 9600</u> zones

- A. Except as provided in ((subsections B or C of Section 23.34.010)) subsection 23.34.010.B, ((single-family zoned)) areas zoned SF 5000, SF 7200, or SF 9600 may be rezoned to zones more intense than ((Single-family)) SF 5000 only if the City Council determines that the area does not meet the criteria for single-family designation.
- B. Areas zoned ((single-family or RSL)) SF 5000, SF 7200, or SF 9600 that meet the locational criteria ((for single-family zoning)) contained in subsection ((B of Section 23.34.011)) 23.34.011.B and that are located within the adopted boundaries of an urban village may be rezoned to zones more intense than ((Single-family)) SF 5000 if all of the following conditions are met:
  - ((A neighborhood plan has designated the area as appropriate for the zone designation, including specification of the RSL/T, RSL/C, or RSL/TC suffix, if applicable)) The Comprehensive Plan Future Land Use Map designation is a designation other than Single-family or, if the Comprehensive Plan Future Land Use Map designation is Single-family, the rezone is to RSL; and
  - 2. The rezone is((÷)) to a zone that is subject to the provisions of Chapter 23.58B and Chapter 23.58C.
    - ((a. To a Residential Small Lot (RSL), Residential Small Lot-Tandem (RSL/T), Residential Small Lot-Cottage (RSL/C), Residential Small Lot-Tandem/Cottage (RSL/TC), Lowrise 1-(LR1), Lowrise 1/Residential-Commercial (LR1/RC), or-
    - b. Within the areas identified on Map P-1 of the adopted North-Beacon Hill Neighborhood Plan, and the rezone is to any Lowrise zone, or to an NC1 zone or NC2 zone with a 30 footor 40 foot height limit, or



- c. Within the residential urban village west of Martin Luther-King Junior Way South in the adopted Rainier Beach-Neighborhood Plan, and the rezone is to a Lowrise 1 (LR1) or Lowrise 2 (LR2) zone, or
- d. Within an urban village and the Comprehensive Plan Future
  Land Use Map designation is a designation other than Single
  Family.))
- ((C. Areas zoned single-family within the Northgate Overlay District, established pursuant to Chapter 23.71, that consist of one or more lots and meet the criteria for single-family zoning contained in subsection B of Section 23.34.011 may be rezoned through a contract rezone to a neighborhood commercial zone if the rezone is limited to blocks (defined for the purpose of this subsection C as areas bounded by street lot lines) in which more than 80 percent of that block is already designated as a neighborhood commercial zone.))

# 23.34.011 ((Single-family)) SF 5000, SF 7200, and SF 9600 zones, function, and locational criteria ((-))

- A. Function. An area that provides predominantly detached single-family structures on lot sizes compatible with the existing pattern of development and the character of single-family neighborhoods.
- B. Locational ((Criteria)) <u>criteria</u>. A ((single-family)) <u>SF 5000, SF 7200, or SF 9600</u> zone designation is most appropriate in areas ((meeting)) that are outside of urban centers and villages and meet the following criteria:
  - Areas that consist of blocks with at least ((seventy (70))) 70
    percent of the existing structures, not including detached
    accessory dwelling units, in single-family residential use; or
  - 2. Areas that are designated by an adopted neighborhood plan as appropriate for single-family residential use; or
  - 3. Areas that consist of blocks with less than ((seventy (70)))

    70 percent of the existing structures, not including detached accessory dwelling units, in single-family residential use but in which an increasing trend toward single-family residential use can be demonstrated; for example:
    - a. The construction of single-family structures, not including detached accessory dwelling units, in the last five  $((\frac{(5)}{)})$



- years has been increasing proportionately to the total number of constructions for new uses in the area, or
- The area shows an increasing number of improvements and rehabilitation efforts to single-family structures, not including detached accessory dwelling units, or
- The number of existing single-family structures, not including detached accessory dwelling units, has been very stable or increasing in the last five ((<del>(5)</del>)) years, or
- d. The area's location is topographically and environmentally suitable for single-family residential developments.
- C. An area that meets at least one ((<del>(1)</del>)) of the locational criteria in subsection (<del>(B above))</del> <u>23.34.011.B</u> should also satisfy the following size criteria in order to be designated as a (<del>(single-family))</del> <u>SF 5000,</u> <u>SF 7200, or SF 9600 zone:</u>
  - The area proposed for rezone should comprise ((fifteen (15))) 15 contiguous acres or more, or should abut ((an)) existing ((single-family)) SF 5000, SF 7200, or SF 9600 zones.
  - If the area proposed for rezone contains less than ((fifteen (15)))
     15 contiguous acres, and does not abut ((an)) existing ((single-family)) SF 5000, SF 7200, or SF 9600 zones, then it should demonstrate strong or stable single-family residential use trends or potentials such as:
    - a. That the construction of single-family structures, not including detached accessory dwelling units, in the last five (((5))) years has been increasing proportionately to the total number of constructions for new uses in the area, or
    - That the number of existing single-family structures, not including detached accessory dwelling units, has been very stable or increasing in the last five (((5))) years, or
    - c. That the area's location is topographically and environmentally suitable for single-family structures, or
    - d. That the area shows an increasing number of improvements or rehabilitation efforts to single-family structures, not including detached accessory dwelling units.
- D. Half-blocks at the edges of ((single-family)) SF 5000, SF 7200, or SF 9600 zones which have more than ((fifty (50))) 50 percent single-family structures, not including detached accessory dwelling units, or portions of blocks on an arterial which have a majority of single-family structures, not including detached accessory dwelling units,



shall generally be included. This shall be decided on a case-by-case basis, but the policy is to favor including them.

# 23.34.012 Residential Small Lot (RSL) zone, function and locational criteria ((-))

- A. Function. An area within an urban village that provides for the development of homes on small lots that may be appropriate and affordable to households with children and other households which might otherwise choose existing detached houses on larger lots.
- B. Locational ((Criteria)) criteria. An RSL zone ((shall be appropriate only under circumstances as provided in Section 23.34.010 B.)) is most appropriate in areas generally characterized by the following:
  - 1. The area is similar in character to single-family zones;
  - The area is located inside an urban center, urban village, or Station Area Overlay District where it would provide opportunities for a diversity of housing types within these denser environments;
  - 3. The area is characterized by, or appropriate for, a mix of single-family dwelling units, multifamily structures that are similar in scale to single-family dwelling units, such as duplex, triplex, rowhouse, and townhouse developments, and single-family dwelling units that have been converted to multifamily residential use or are well-suited to conversion;
  - 4. The area is characterized by local access and circulation that can accommodate low density development oriented to the ground level and the street, and/or by narrow roadways, lack of alleys, and/or irregular street patterns that make local access and circulation less suitable for higher density multifamily development;
  - 5. The area is within a reasonable distance of high frequency transit access, but is not close enough to make higher density multifamily development more appropriate.
  - The area would provide a gradual transition between singlefamily zoned areas and multifamily or neighborhood commercial zoned areas; and
  - 7. The area is supported by existing or projected facilities and services used by residents, including retail sales and services, parks, and community centers.



#### Midrise Zones

#### 23.34.024 Midrise (MR) zone, function, and locational criteria ((-))

- A. Function. An area that provides concentrations of housing in desirable, pedestrian-oriented urban neighborhoods having convenient access to regional transit stations, where the mix of activity provides convenient access to a full range of residential services and amenities, and opportunities for people to live within walking distance of employment.
- B. Locational ((Criteria.)) criteria
  - Threshold ((Conditions)) conditions. Subject to subsection 23.34.024.B.2, ((of this section,)) properties that may be considered for a Midrise designation are limited to the following:
    - a. Properties already zoned Midrise;
    - b. Properties in areas already developed predominantly to the intensity permitted by the Midrise zone; or
    - c. Properties within an urban center or urban village. ((, where a neighborhood plan adopted or amended by the City Council after January 1, 1995 indicates that the area is appropriate for a Midrise zone designation.))
  - 2. Environmentally ((Critical Areas)) critical areas. Except as stated in this subsection 23.34.024.B.2, properties designated as environmentally critical may not be rezoned to a Midrise designation, and may remain Midrise only in areas predominantly developed to the intensity of the Midrise zone. The preceding sentence does not apply if the environmentally critical area either:
    - (<del>(1) was)</del>) a. Was created by human activity, or
    - (<del>(2) is)</del>) <del>b. Is</del> a designated peat settlement; ((¬)) liquefaction, seismic, or volcanic hazard; ((¬or)) flood\_prone area; ((¬)) or abandoned landfill.
  - 3. Other ((Criteria)) criteria. The Midrise zone designation is most appropriate in areas generally characterized by the following:
    - a. Properties that are adjacent to business and commercial areas with comparable height and bulk;
    - Properties in areas that are served by major arterials and where transit service is good to excellent and street capacity could absorb the traffic generated by midrise development;



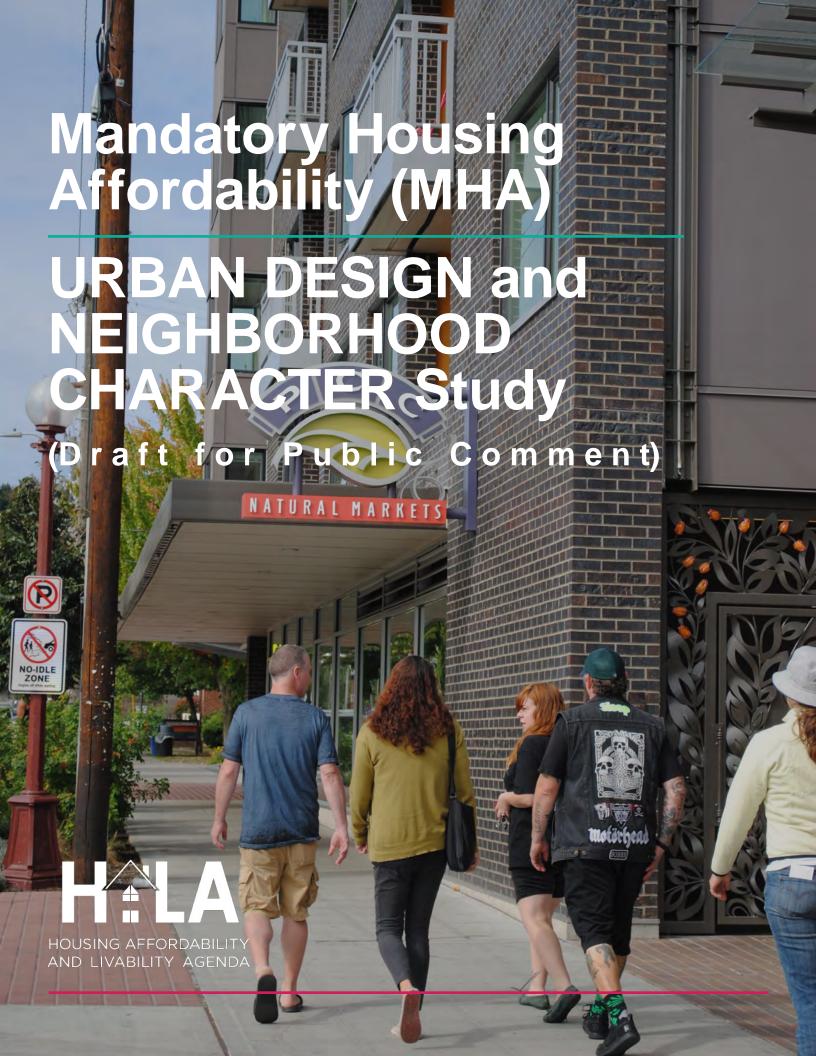
- Properties in areas that are in close proximity to major employment centers;
- d. Properties in areas that are in close proximity to open space and recreational facilities;
- e. Properties in areas along arterials where topographic changes either provide an edge or permit a transition in scale with surroundings;
- f. Properties in flat areas where the prevailing structure height is greater than 37 feet or where due to a mix of heights, there is no established height pattern;
- g. Properties in areas with moderate slopes and views oblique or parallel to the slope where the height and bulk of existing structures have already limited or blocked views from within the multifamily area and upland areas;
- Properties in areas with steep slopes and views perpendicular to the slope where upland developments are of sufficient distance or height to retain their views over the area designated for the Midrise zone; <u>and</u>
- Properties in areas where topographic conditions allow the bulk of the structure to be obscured. Generally, these are steep slopes, 16 percent or more, with views perpendicular to the slope.

# AMENDMENTS TO POLICIES IN NEIGHBORHOOD PLAN ELEMENT OF THE COMPREHENSIVE PLAN

Several policies in individual urban villages contained in the Neighborhood Plan policies section of the Comprehensive Plan may conflict with elements of the proposed action concerning changes to single family zones within urban villages. Amendments to these policies will be are docketed and the policies would be modified to remove potential inconsistencies. The potential impacts of these policy amendments is considered in this EIS.



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Photographs and graphics courtesy of ZGF Architects, LLP.:



# Introduction

### **Background**

This report provides urban design analysis used to evaluate potential zoning changes to implement Mandatory Housing Affordability (MHA) in neighborhoods outside Downtown and South Lake Union. Under MHA, anyone developing multifamily and commercial buildings in Seattle would be required to provide for affordable housing either by building affordable homes or by paying into a fund that the City uses to support the development of affordable housing through Seattle.

Consistent with a state-approved approach for affordable housing incentive programs, MHA requirements take effect with adoption of zoning changes that increase development capacity. Zoning changes would apply in designated urban villages and in existing commercial and multifamily zones. As part of MHA implementation, we propose to expand some urban village boundaries.

This report focuses on changes in Seattle's Multifamily Residential (LR, MR, HR), Neighborhood Commercial (NC), and Commercial (C) zones. Separate documents review potential changes to implement zoning in Downtown and South Lake Union and other neighborhoods that have recently undergone area planning, such as the University District.

The zoning changes to create additional capacity vary by zone and generally include increases in the maximum height limit and the maximum floor area ratio (FAR) limit. In some zones, we propose to modify other development standards to provide additional development capacity and encourage good urban design.

## **Community Input**

The models in this study reflect public input received since June 2016. Earlier versions of the zone change models were made available for public comment on-line, in public meetings, and in focus group meetings. Input received so far has influenced the development standards depicted in this report. Summaries of public input received and how it influenced the current draft are included.

# **Draft for Public Input**

This is a draft to solicit further public comment. The City Council will not complete adopting zoning changes to put MHA into effect until summer 2017 or later. The MHA development examples illustrate what future buildings could look like with the MHA zoning changes.

### **Community Input Themes (to date):**

These are overarching comments and ideas expressed by focus group and other community members during the review of example MHA zone changes:

- The proposed height and FAR increases are incremental and moderate, and are appropriate tradeoffs for affordable housing requirements.
- The proposed increases are too limited; additional affordable housing and greater zoning increases should be incorporated to help Seattle meet its affordable housing needs.
- There is no one-size-fits-all approach, and development needs to consider local factors.
- Include commercial space that is attractive to small, local businesses.
- Incorporate space for retail and other services that communities need (e.g., daycare, community spaces, shared work spaces, etc.).
- Encourage variety in building design.
- Where possible include requirements for usable

- open spaces, usable plazas, courtyards, mid-block cut-throughs, and similar public spaces.
- Where possible the zoning changes should ensure that residents have access to needed amenities, such as laundry facilities.
- Development in single-family zones should also be included in MHA.
- Look for ways to provide for a variety of housing types to encourage both rental and ownership housing.
- Identify fund sources for infrastructure and qualityof-life investments corresponding with anticipated population growth.
- Consider zoning changes that will encourage housing options for larger households.
- In all Seattle zones, HALA and MHA need to consider the potential displacement of existing low-cost market-rate housing as redevelopment occurs.
- Increase development capacity in small scale zones to a level that makes affordable housing performance option viable.



Comments received at the September 27, 2016 Focus Group meeting

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## **MHA Zone Prototypes**

This study compares the scale and character of development that could be allowed by existing zoning compared to development that could be built under MHA zoning changes. For each zone, a series of before and after prototypes is shown. The range of development prototypes for each zone is intended to model realistic development scenarios. The different prototypes vary by:

- site sizes and shape
- neighborhood context
- housing formats (eg. townhouses vs. apartments)
- design and massing choices

The prototypes in this report show the increment of change that can be expected for standard MHA implementation scenarios. Typical MHA capacity increases approximate a one-story increase for most zones considered. Typical zone changes will have an (M) suffix in the zone name, applied as a naming convention.

Examples of typical zoning changes include:

- C and NC zones: The zone names change to reflect the height increase. For example, an NC-65 zone becomes an NC-75 zone, reflecting a 10-foot increase in the maximum height limit.
- LR, MR, HR ZONES: The zones retain the same name, but their development standards enable additional height and/or floor area.
- Change of single family zones: Where zoning changes apply in single family areas, a typical change is to the Residential Small Lot (RSL) zone.

In certain areas, based on our community-generated Principles for MHA Implementation or community input, we propose selective zoning changes. Where selective zoning changes provide a larger increase in development capacity, larger affordable housing requirements will apply. These zones will have a (M1) or (M2) suffix indicating that higher MHA requirements apply.

## **Affordable Housing Quantities**

Each prototype includes an estimate of how much affordable housing the development would produce through MHA. The intent of MHA is to increase production of affordable housing. Based on the amount of floor area developed in each prototype, a projection is made for both the amount of affordable homes and the amount of in-lieu payment that would be required. Housing quantities are estimates based on current assumptions about the MHA requirements, and are included to provide a sense for how such affordable housing requirements relate to the development prototypes.

# Urban Design and Neighborhood Character

Seattle's growth strategy as laid out in the Seattle 2035 Comprehensive Plan is based on the urban village concept. Centered around amenities and around existing and future transit stops, urban villages will capture most of the city's expected future growth. The zoning standards recommended under Mandatory Housing Affordability build on the urban village strategy and explore opportunities to improve overall neighborhood character.

The recommended zoning includes carefully selected design standards that allow for increased development capacity without compromising the building form and scale. They offer a harmonious built landscape and as much as possible provide comfortable living spaces to building inhabitants. The prototypes explore a variety of site conditions and lot sizes and a range of unit sizes to accommodate a diversity in family and household sizes.

The location of the zoning prototypes supports livability principles. The denser Midrise (MR) and Neighborhood Commercial (NC) zones are usually closest to the urban village center services and amenities that serve more people. The Lowrise (LR) and Residential Small Lot (RSL) zones help transition to the single family areas. The proposed modification of the existing RSL zone provides greater flexibility and a variety of housing types in the scale and character of single family homes.

The next few pages discuss the development standards and the urban design elements for each zone.



The Jefferson apartments in First Hill were supported with in-lieu payments received from a development project in another location using the existing voluntary incentive zoning program.



Indoor amenities offered for residents such as those in downtown mixed commercial zones will be included in the multifamily MHA zones.

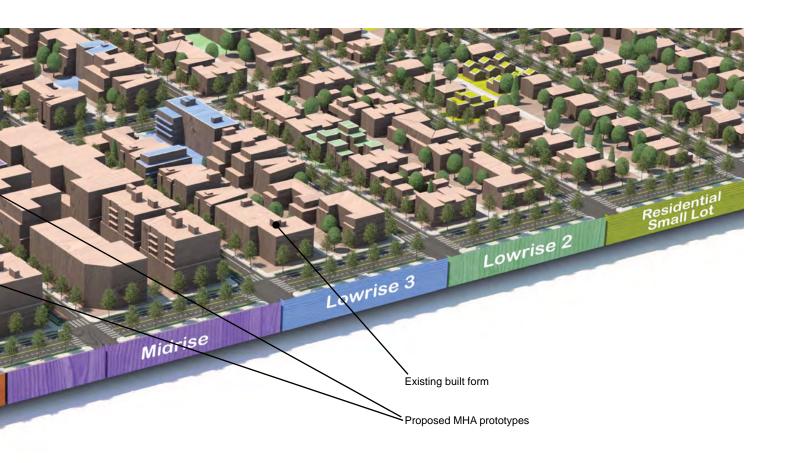


Upper level setbacks in MHA zones will offer a less jarring built landscape to street users.

INTRODUCTION

# MHA Development Examples





# Residential Small Lot (RSL)

# **Community Input Themes**

- A good option for areas with existing single family housing
- Ensure units are conducive to families and larger household sizes
- Explore a variety of conditions for how the housing would fit on a range of typical single family lots (i.e., 4,000, 5,000, and 6,000 sq. ft)

## **Development Examples**

The following pages discuss four prototypes within the RSL zone: cottages, attached townhouses, stacked housing and tandem housing.



Cottages



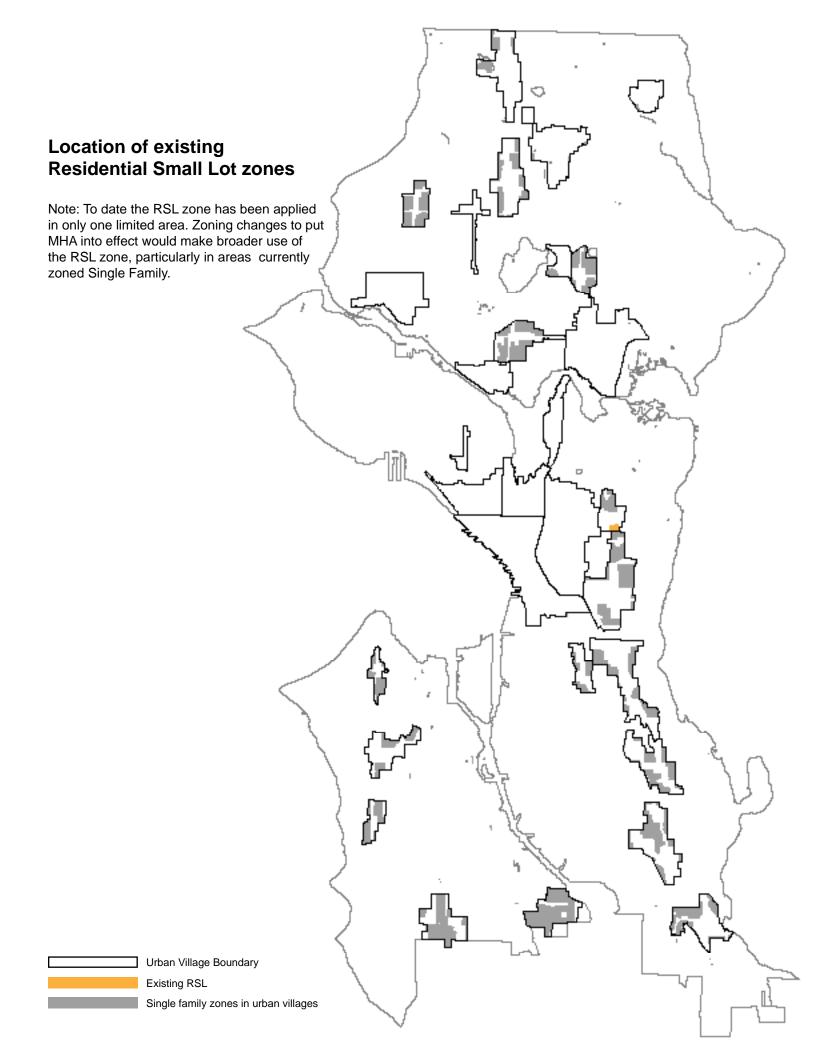
Attached townhouses



Tandem housing



Stacked housing



# cottages

### **Affordable Homes**

#### PERFORMANCE OPTION\*

High MHA area (7%) .35 = 1 unit
Medium MHA area (6%) .30 = 1 unit
Low MHA area (5%) .25 = 1 unit

#### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$156,000 Med MHA area (\$13.25/sq. ft.) \$99,000 Low MHA area (\$7/sq. ft.) \$52,500

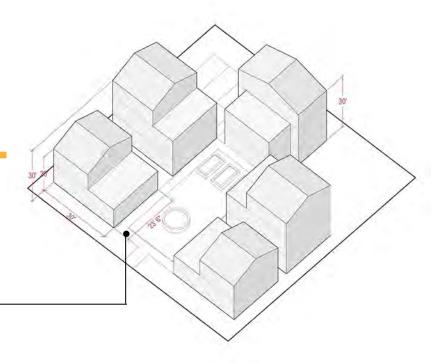
# **Proposed MHA RSL**

Lot coverage	50%
Density limit	1 unit per 2000 sq. ft. of lot area
FAR maximum	0.75
Height limit	30 feet
Setbacks	
Front	10 feet
Rear	10 feet
Sides	5 feet
Parking	1 per unit; no mininum in urban villages

# **RSL Prototype**

Lot size	10,000 sq. ft.
Lot coverage	30%
Total allowed gross area	7,500 sq. ft.
Efficiency factor	1
Total net sq. ft.	7,500 sq. ft.
Total units	5
Average net unit size	1,500 sq. ft.
Parking spaces provided	3





<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# attached townhouses

#### **Affordable Homes**

#### **PERFORMANCE OPTION\***

High MHA area (7%) .14 = 1 unit Medium MHA area (6%) .12 = 1 unit Low MHA area (5%) .10 = 1 unit

#### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$62,000 Med MHA area (\$13.25/sq. ft.) \$40,000 Low MHA area (\$7/sq. ft.) \$21,000

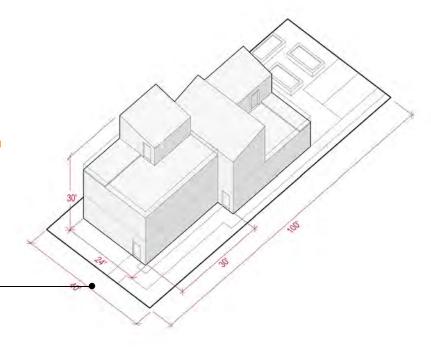
## **Proposed MHA RSL**

	l .
Lot coverage	50%
Density limit	1 unit per 2000 sq. ft. of lot area
FAR maximum	0.75
Height limit	30 feet
Setbacks	
Front	10 feet
Rear	10 feet
Sides	5 feet
Parking	1 per unit; no mininum in urban villages

# **RSL Prototype**

Lot size	4,000 sq. ft.
Lot coverage	30%
Total allowed gross area	3,000 sq. ft.
Efficiency factor	1
Total net sq. ft.	3,000 sq. ft.
Total units	2 -
Average net unit size	1,500 sq. ft.
Parking spaces provided	2





<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# stacked housing

#### **Affordable Homes**

#### **PERFORMANCE OPTION\***

High MHA area (7%) .21 = 1 unit Medium MHA area (6%) .18 = 1 unit Low MHA area (5%) .15 = 1 unit

#### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$93,000 Med MHA area (\$13.25/sq. ft.) \$60,000 Low MHA area (\$7/sq. ft.) \$31,500

\* If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

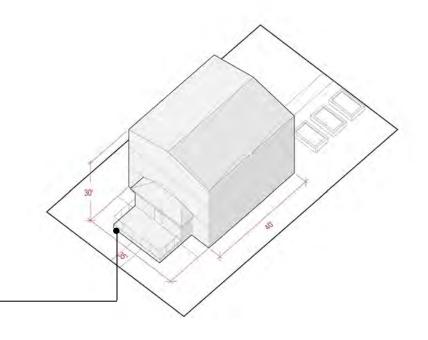
# **Proposed MHA RSL**

	1
Lot coverage	50%
Density limit	1 unit per 2000 sq. ft. of lot area
FAR maximum	0.75
Height limit	30 feet
Setbacks	
Front	10 feet
Rear	10 feet
Sides	5 feet
Parking	1 per unit; no minimum in urban villages

# **RSL Prototype**

Lot size	6,000 sq. ft.
Lot coverage	25%
Total allowed gross area	4,500 sq. ft.
Efficiency factor	1
Total net sq. ft.	4,500 sq. ft.
Total units	3
Average net unit size	1,500 sq. ft.
Parking spaces provided	0





# tandem housing

#### **Affordable Homes**

#### **PERFORMANCE OPTION\***

High MHA area (7%) .07 = 1 unit Medium MHA area (6%) .06 = 1 unit Low MHA area (5%) .05 = 1 unit

#### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$38,000 Med MHA area (\$13.25/sq. ft.) \$25,000 Low MHA area (\$7/sq. ft.) \$13,000

# **Proposed MHA RSL**

	1
Lot coverage	50%
Density limit	1 unit per 2000 sq. ft. of lot area
FAR maximum	0.75
Height limit	30 feet
Setbacks	
Front	10 feet
Rear	10 feet
Sides	5 feet
Parking	1 per unit; no mininum in urban villages

# **RSL Prototype**

Lot size 5,000 sq. ft.

Lot coverage 45%

Total allowed gross area 3,750 sq. ft.

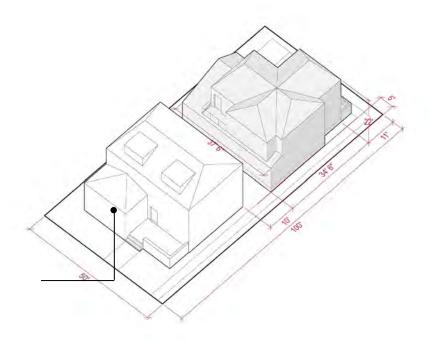
Efficiency factor 1

Total net sq. ft. 1,900 sq. ft existing 1,850 sq. ft. new

Total units 1 existing, 1 new

2





Parking spaces provided

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# RSL Zone - Urban Design and Neighborhood Character

## **Livability Benefits**

- Reflects traditional mixed-housing neighborhoods
- Allows a variety of housing types (e.g., cottages, small single family homes, and duplexes) at the scale of an existing single family area.
- Encourages modestly sized single family ownership homes (i.e., 1,500-2,000 sq. ft. in size)
- Provides a transition at the edges of urban villages
- Expands access for more people to live in single family neighborhoods
- Provides for on-site open spaces and yards



Provides for on-site open spaces and yards.

## **Proposed Development and Urban Design Standards**

The following table summarizes other proposed or modified development standards intended to improve an urban design outcome and improve livability with new development in the zone.

Issue	Proposed / Modified Development Standard
Retain compatibility of scale with Single Family zones	<ul> <li>Maximum FAR limit of 0.75</li> <li>Retain a density limit of 1 unit per 2,000 sq. ft. of lot area.</li> </ul>
Provide for a variety of infill housing types	Allow for all housing types outright without a designated RSL suffix. (Currently an RSL zone must specify whether cottage, tandem, etc. is the allowed housing type.)



The Residential Small Lot zone provides a transition at the edges of urban villages and maintains the scale of single family homes.

# Lowrise (LR)

## **Community Input Themes**

- Allowing more density within the Lowrise 1 zone with the existing height limit is a good approach.
- Look for ways to ensure the housing isn't exclusively studios and small units.
- Ensure a variety of housing unit sizes particularly in the Lowrise 1 zone.
- In general, the height limit and floor area increases are incremental and a good tradeoff for the affordable housing requirement.
- Retain building design standards, including side setbacks and other design standards to manage the transition between infill buildings and context.

- The Lowrise zones are often in neighborhoods that are changing from lower density to multifamily areas
- Require a street-facing upper-level setback where height limits are increased in the Lowirse 2 and 3 zones
- Building entrances should face the street to enhance resident accessibility and streetscape.

### **Development Examples**

The following pages discuss the nine prototypes within the Lowrise zones: Lowrise 1, Lowrise 2 and Lowrise



Lowrise 1 large site



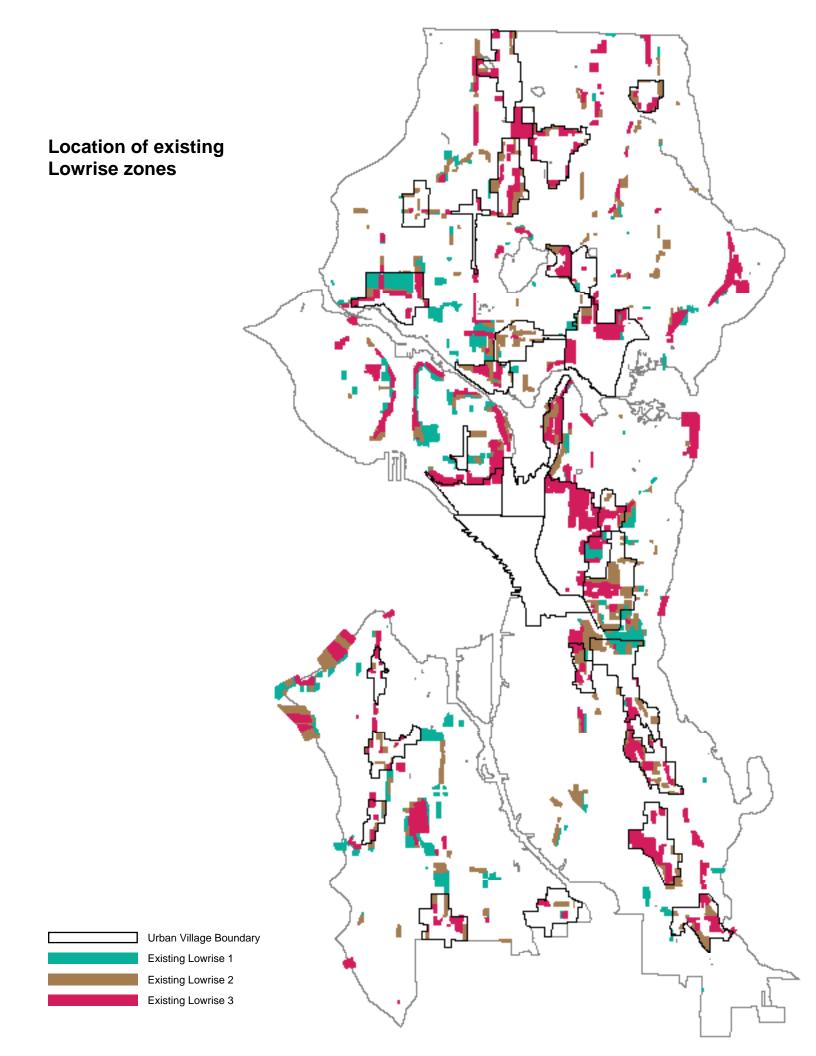
Lowrise 1 small site



Lowrise 2 townhouses



Lowrise 3 small site



# LOWRISE 1 apartments | small site

# **Prototype Description**

- A rental apartment or condominium housing product
- A commonly platted single 5,000-square-foot lot in a Lowrise zone
- No parking provided on site (urban village location)
- Considers adjacency to a mix of single family homes and small multifamily structures

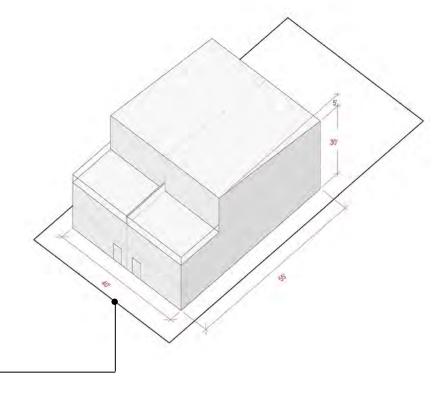
## **Existing LR1**

Density limit	1 unit per 2000 sq. ft. of lot area
FAR maximum	1.2
Height limit	30 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.'
Parking	1 per unit; no mininum in urban villages

# **LR1 Prototype – Existing**

Lot size	5,000 sq. ft.
Total allowed gross a	rea 6,000 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	4,800 sq. ft.
Maximum density	1 unit / 2,000 sq. ft. maximum 3 homes
Total units	2
Average net unit size	2,400 sq. ft.—

Parking spaces provided



0

#### **Affordable Homes**

#### **PERFORMANCE OPTION\***

High MHA area (7%) .63 = 1 unit
Medium MHA area (6%) .54 = 1 unit
Low MHA area (5%) .45 = 1 unit

#### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$135,000 Medium MHA area (\$13.25/sq. ft.) \$86,000 Low MHA area (\$7/sq. ft.) \$45,500

# **Proposed MHA LR1**

Density limit	Family-sized unit requirement*
FAR maximum	1.3
Height limit	30 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# LR1 Prototype - Proposed

Lot size	5,000 sq. ft.
Total allowed gross are	a 6,500 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	5,200 sq. ft.
Maximum density	Family-sized unit requirement*
Total units	9

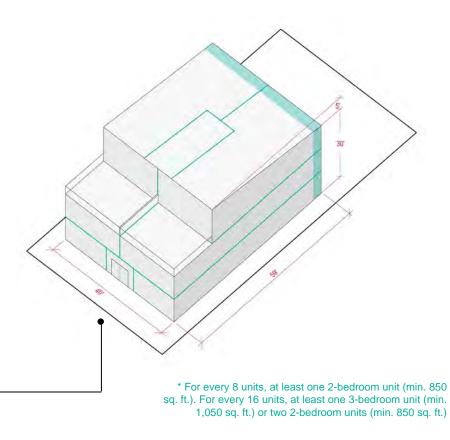
578 sq. ft.

0

Average net unit size

Parking spaces provided

lowings



LOW RISE (LR) 21

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# LOWRISE 1 apartments | large site

## **Prototype Description**

- A rental apartment or condominium housing product
- Two commonly platted lots in a Lowrise zone, for a total site size of 10,000 square feet
- Parking provided on site in a surface parking area accessed from the alley
- Considers adjacency to existing single family scaled structures in a Lowrise zone

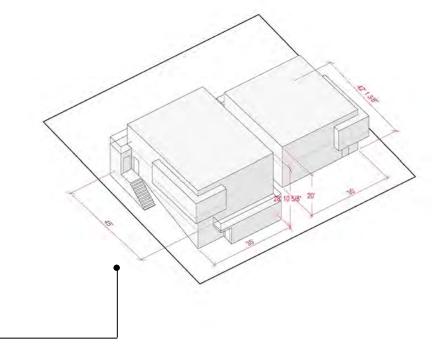
## **Existing LR1**

Density limit	1 unit per 2000 sq. ft. of lot area
FAR maximum	1.2
Height limit	30 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# **LR1 Prototype – Existing**

Lot size	5,000 sq. ft. x 2
Total allowed gross area	12,000 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	9,600 sq. ft.
•	unit / 2,000 sq. ft. n 3 homes per lot
Total units	5
Average net unit size	1,900 sq. ft.

Parking spaces provided



11

#### **Affordable Homes**

#### **PERFORMANCE OPTION\***

High MHA area (7%) 1.05 = 2 units Medium MHA area (6%) .90 = 1 unit Low MHA area (5%) .75 = 1 unit

#### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$299,000 Med MHA area (\$13.25/sq. ft.) \$191,000 Low MHA area (\$7/sq. ft.) \$101,000

# **Proposed MHA LR1**

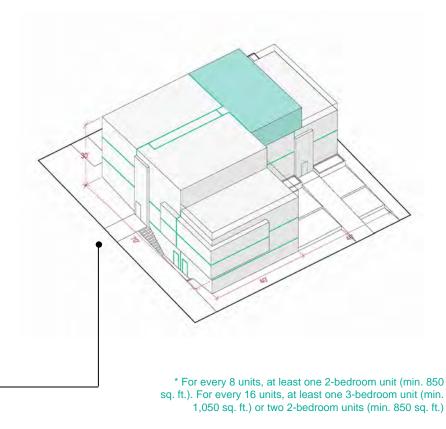
Density limit	Family-sized unit requirement*
FAR maximum	1.3
Height limit	30 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# **LR1 Prototype – Proposed**

Lot size	10,000 sq. ft.
Total allowed gross ar	rea 13,000 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	10,400 sq. ft.
Area below grade	1,400 sq. ft.
Maximum density	Family-sized unit requirement*
Total units	15 (2 below grade)
Average net unit size	787 sq. ft.

Parking spaces provided





LOW RISE (LR) 23

11

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# LOWRISE 1 townhouses

# **Prototype Description**

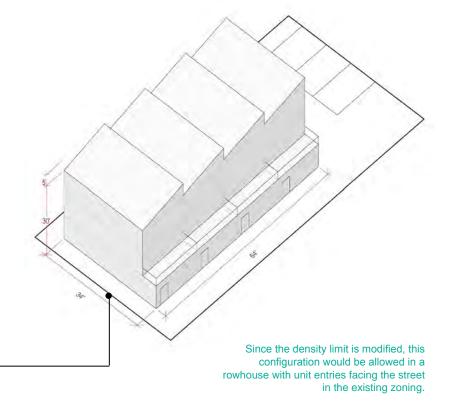
- An attached townhouse homeownership housing product
- A single 5,000-square-foot lot in an LR1 zone
- Parking provided for some units in a surface parking areas accessed from the alley
- · Considers adjacency to existing single family scaled structures and other townhouses
- Increased FAR and new density limit requirements allow for variety of housing sizes

## **Existing LR1**

Density limit	1 unit per 1600 sq. ft. (townhouse) No limit (rowhouse)
FAR maximum	1.2
Height limit	30 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# LR1 Prototype – Existing

Lot size	5,000 sq. ft.
Total allowed gross area	6,000 sq. ft.
Efficiency factor	8.0
Total net sq. ft.	6,000 sq. ft.
Total units	4
Average net unit size	1,500 sq. ft.
Parking spaces provided	3



### **PERFORMANCE OPTION\***

High MHA area (7%) .35 = 1 unit
Medium MHA area (6%) .30 = 1 unit
Low MHA area (5%) .25 = 1 unit

### **PAYMENT OPTION**

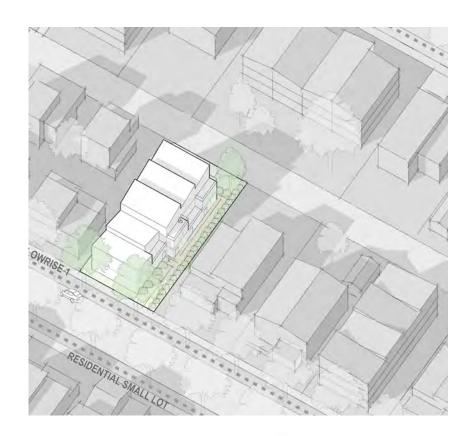
High MHA area (\$20.75/sq. ft.) \$135,000 Medium MHA area (\$13.25/sq. ft.) \$86,000 Low MHA area (\$7/sq. ft.) \$46,000

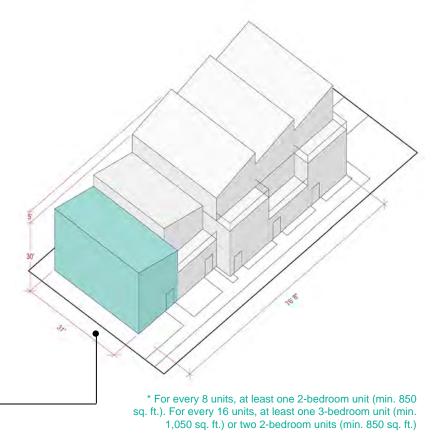
# **Proposed MHA LR1**

Density limit	Family-sized unit requirement*
FAR maximum	1.3
Height limit	30 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# LR1 Prototype - Proposed

Lot size	5,000 sq. ft.
Total allowed gross area	6,500 sq. ft.
Efficiency factor	1
Total net sq. ft.	6,500 sq. ft.
Total units	5
Average net unit size	1,300 sq. ft.
Parking spaces provided	3





LOW RISE (LR) 25

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# LOWRISE 2 apartments | small site

# **Prototype Description**

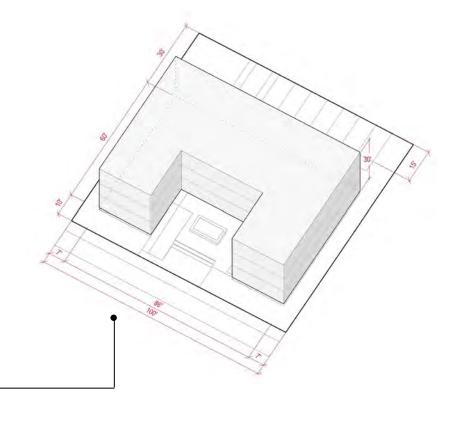
- · An apartment or condominium housing product
- Two combined typically platted lots, for a total lot size of 10,000 square feet
- Parking provided for some units in a surface parking areas accessed from the alley
- Considers adjacency to smaller scale of existing single family structures and townhouses
- Upper level setbacks required when facing neighboring single family zones

## **Existing LR2**

FAR maximum	1.3
Height limit	30 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# LR2 Prototype – Existing

Lot size	10,000 sq. ft.
Total allowed gross area	13,000 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	10,400 sq. ft.
Total units	16
Average net unit size	650 sq. ft.
Parking spaces provided	8



### **PERFORMANCE OPTION\***

High MHA area (7%) 1.4 = 2 units Medium MHA area (6%) 1.2 = 2 units Low MHA area (5%) 1.0 = 1 unit

### **PAYMENT OPTION**

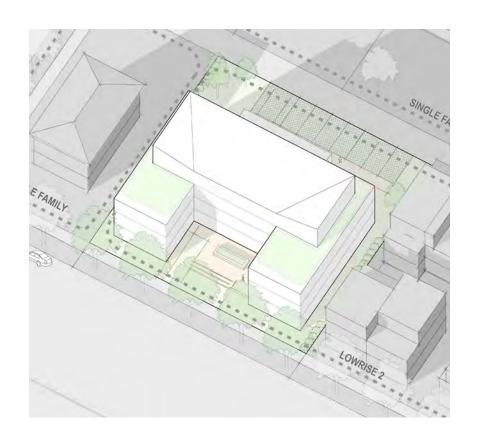
High MHA area (\$20.75/sq. ft.) \$311,000 Med MHA area (\$13.25/sq. ft.) \$199,000 Low MHA area (\$7/sq. ft.) \$105,000

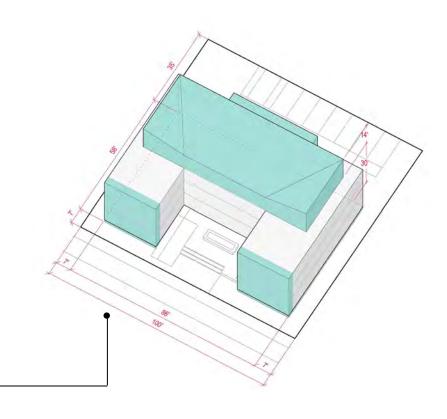
# **Proposed MHA LR2**

FAR maximum	1.5
Height limit	40 + 5 feet
Setbacks	
Front	5 feet
Upper	12 feet above 30 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# LR2 Prototype – Proposed

Lot size	10,000 sq. ft.
Total allowed gross area	15,000 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	12,000 sq. ft.
Total units	20
Average net unit size	600 sq. ft.
Parking spaces provided	8





LOWRISE (LR) 27

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# LOWRISE 2 apartments | large site

# **Prototype Description**

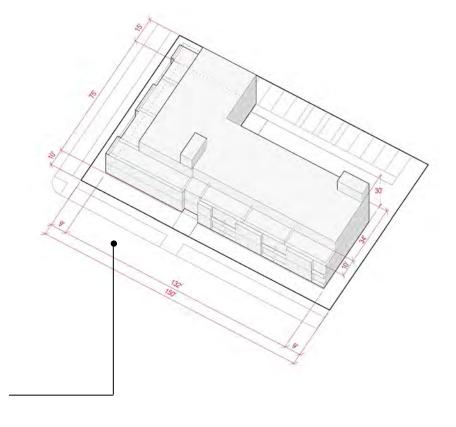
- An apartment or condominium housing product.
- Three combined typically platted lots, for a total lot size of 15,000 square feet.
- Parking is provided for some of the units in a surface parking areas accessed from the alley.
- Considers adjacency to smaller existing single family scaled structures and townhouses.

# **Existing LR2**

FAR maximum	1.3
Height limit	30 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# **LR2 Prototype – Existing**

Lot size	15,000 sq. ft.
Total allowed gross area	19,500 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	15,600 sq. ft.
Total units	24
Average net unit size	650 sq. ft.
Parking spaces provided	16



### **PERFORMANCE OPTION\***

High MHA area (7%) 1.82 = 2 units Medium MHA area (6%) 1.56 = 2 units Low MHA area (5%) 1.30 = 2 units

### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$467,000 Med MHA area (\$13.25/sq. ft.) \$298,000 Low MHA area (\$7/sq. ft.) \$158,000

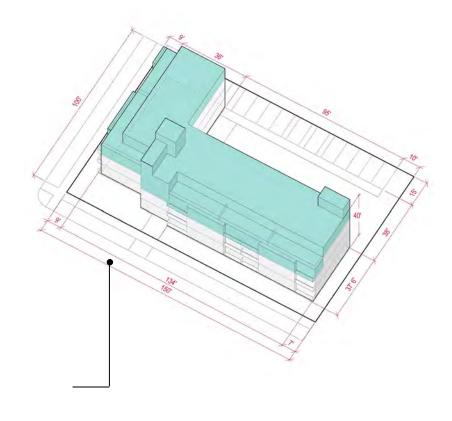
# **Proposed MHA LR2**

FAR maximum	1.5
Height limit	40 + 5 feet
Setbacks	
Front	5 feet
Upper	12 feet above 30 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# **LR2 Prototype – Proposed**

Lot size	15,000 sq. ft.
Total allowed gross area	22,500 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	18,000 sq. ft.
Total units	26
Average net unit size	692 sq. ft.
Parking spaces provided	16





LOWRISE (LR) 29

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# LOWRISE 2 townhouses

# **Prototype Description**

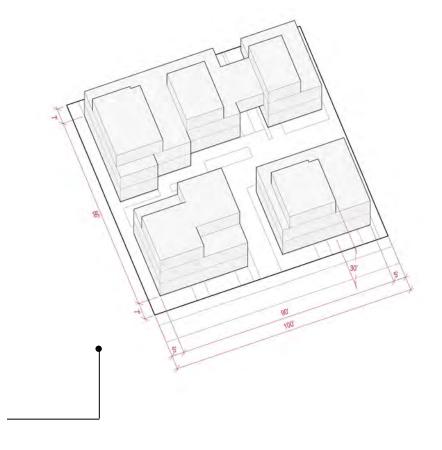
- An attached townhouse homeownership housing product.
- Two combined typically platted lots, for a total lot size of 10,000 square feet.
- Parking is provided for some of the units within structures accessed from the alley.
- Considers adjacency to smaller existing single family scaled structures and townhouses.

# **Existing LR2**

FAR maximum	1.3
Height limit	30 + 5 feet
Setbacks	
Front	7' avg, 5' min
Rear	7' avg, 5' min
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# **LR2 Prototype – Existing**

Lot size	10,000 sq. ft.
Total allowed gross area	12,000 sq. ft.
Efficiency factor	1
Total net sq. ft.	12,000 sq. ft.
Total units	8
Average net unit size	1,500 sq. ft.
Parking spaces provided	6



### PERFORMANCE OPTION\*

High MHA area (7%) .56 = 1 unit
Medium MHA area (6%) .48 = 1 unit
Low MHA area (5%) .40 = 1 unit

### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$291,000 Med MHA area (\$13.25/sq. ft.) \$186,000 Low MHA area (\$7/sq. ft.) \$98,000

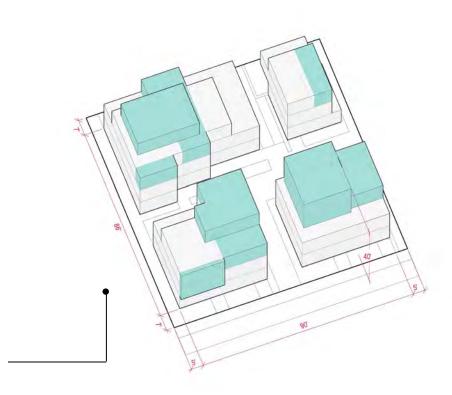
# **Proposed MHA LR2**

FAR maximum	1.4
Height limit	40 + 5 feet
Setbacks	
Front	7' avg, 5' min
Upper	12 feet above 30 feet
Rear	7' avg, 5' min
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# LR2 Prototype - Proposed

Lot size	10,000 sq. ft.
Total allowed gross area	14,000 sq. ft.
Efficiency factor	1
Total net sq. ft.	14,000 sq. ft.
Total units	8
Average net unit size	1,750 sq. ft.
Parking spaces provided	6





LOWRISE (LR) 31

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# LOWRISE 3 apartments | small site

# **Prototype Description**

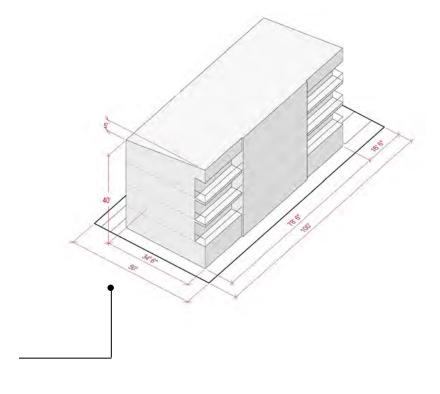
- An apartment or condominium housing product.
- A typically platted lot, for a total lot size of 5,000 square feet.
- Parking is provided for some of the units in a surface parking areas accessed from the alley.
- Considers adjacency to smaller existing single family scaled structures and townhouses.

# **Existing LR3**

FAR maximum	2.0
Height limit	40 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# LR3 Prototype – Existing

Lot size	5,000 sq. ft.
Total allowed gross area	10,000 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	8,000 sq. ft.
Total units	10
Average net unit size	800 sq. ft.
Parking spaces provided	5



### **PERFORMANCE OPTION\***

High MHA area (7%) .98 = 1 unit
Medium MHA area (6%) .84 = 1 unit
Low MHA area (5%) .70 = 1 unit

### **PAYMENT OPTION**

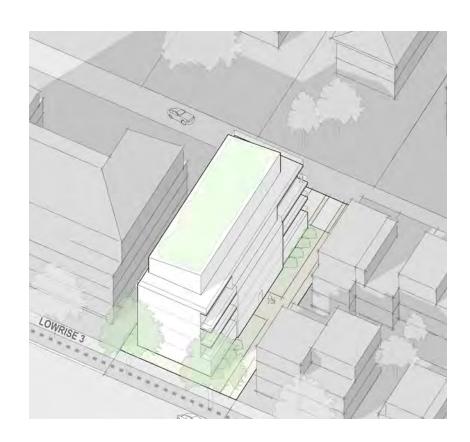
High MHA area (\$20.75/sq. ft.) \$228,000 Med MHA area (\$13.25/sq. ft.) \$146,000 Low MHA area (\$7/sq. ft.) \$77,000

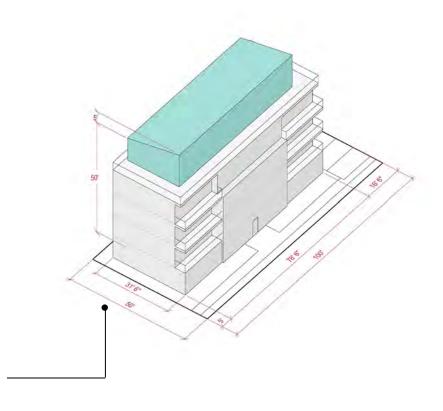
# **Proposed MHA LR3**

FAR maximum	2.2
Height limit	50 feet
Setbacks	
Front	5 feet
Upper	12 feet above 40 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# **LR3 Prototype – Proposed**

Lot size	5,000 sq. ft.
Total allowed gross area	11,000 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	8,800 sq. ft.
Total units	14
Average net unit size	650 sq. ft.
Parking spaces provided	5





LOWRISE (LR) 33

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# LOWRISE 3 apartments | large site

# **Prototype Description**

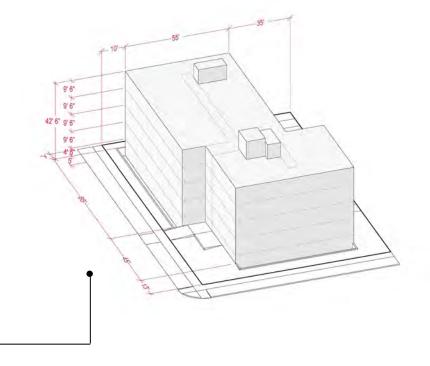
- An apartment or condominium housing product.
- Three combined typically platted lots, for a total lot size of 15,000 square feet.
- Parking is provided for some of the units in a surface parking areas accessed from the alley.
- Considers adjacency to smaller existing single family scaled structures and townhouses.

# **Existing LR3**

FAR maximum	2.0
Height limit	40 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# LR3 Prototype – Existing

Lot size	15,000 sq. ft.
Total allowed gross area	30,000 sq. ft.
Efficiency factor	8.0
Total net sq. ft.	24,000 sq. ft.
Area below grade	7,000 sq. ft.
Total units	48 (10 below)
Average net unit size	650 sq. ft.



12

Parking spaces provided

### **PERFORMANCE OPTION\***

High MHA area (7%) 3.57 = 4 units Medium MHA area (6%) 3.06 = 4 units Low MHA area (5%) 2.55 = 3 units

### **PAYMENT OPTION**

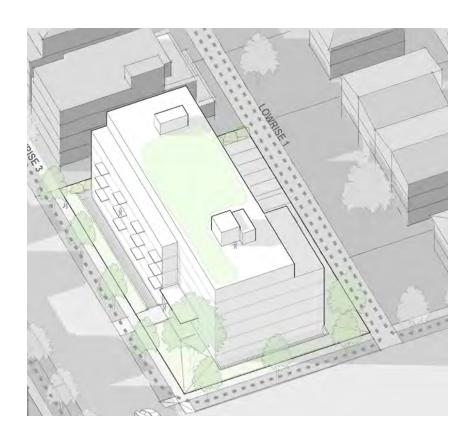
High MHA area (\$20.75/sq. ft.) \$830,000 Med MHA area (\$13.25/sq. ft.) \$530,000 Low MHA area (\$7/sq. ft.) \$280,000

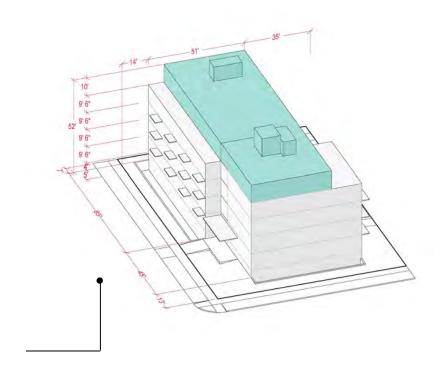
# **Proposed MHA LR3**

FAR maximum	2.2
Height limit	50 feet
Setbacks	
Front	5 feet
Upper	12 feet above 40 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# **LR3 Prototype – MHA**

Lot size	15,000 sq. ft.
Total allowed gross area	33,000 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	26,400 sq. ft.
Area below grade	7,000 sq. ft.
Total units	51 (10 below)
Average net unit size	650 sq. ft.
Parking spaces provided	12





LOWRISE (LR) 35

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# LOWRISE 3 apartment-style rowhouses

# **Prototype Description**

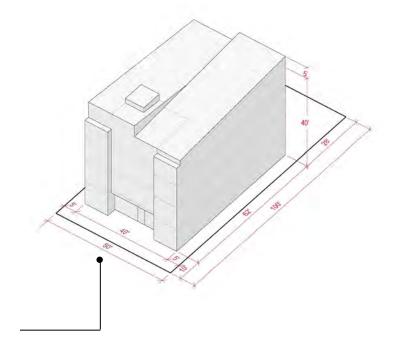
- An apartment or condominium housing product.
- A typically platted lot, for a total lot size of 5,000 square feet.
- Considers adjacency to smaller existing single family scaled structures and townhouses.
- Allows for a larger rear yard setback when facing single family houses

# **Existing LR3**

FAR maximum	2.0
Height limit	40 feet
Setbacks	
Front	5 feet
Rear	10 feet with alley 15 feet without alley
Sides	< 40' bldg: 5' > 40' bldg: 7' avg, 5' min.
Parking	1 per unit; no mininum in urban villages

# LR3 Prototype – Existing

Lot size	5,000 sq. ft.
Total allowed gross area	10,000 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	8,000 sq. ft.
Total units	10
Average net unit size	800 sq. ft.
Parking spaces provided	0



### PERFORMANCE OPTION\*

High MHA area (7%) 0.98 = 1 unit Medium MHA area (6%) 0.84 = 1 unit Low MHA area (5%) 0.70 = 1 unit

### **PAYMENT OPTION**

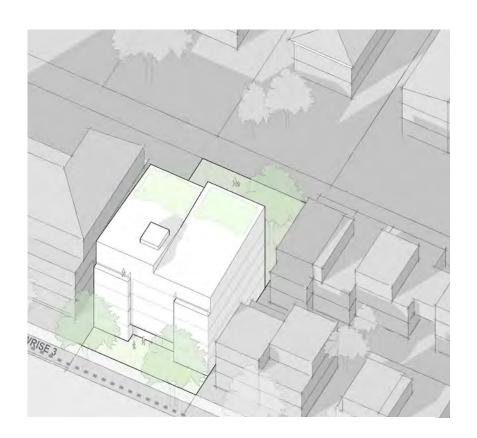
High MHA area (\$20.75/sq. ft.) \$228,000 Med MHA area (\$13.25/sq. ft.) \$146,000 Low MHA area (\$7/sq. ft.) \$77,000

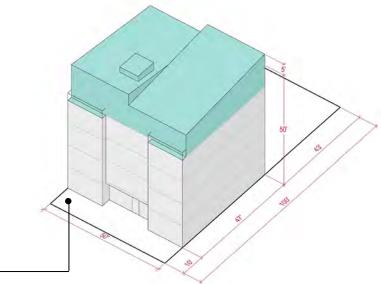
# **Proposed MHA LR3**

FAR maximum	2.2
Height limit	50 feet
Setbacks	
Front	5 feet
Upper	12 feet above 40 feet
Rear	10 feet with alley 15 feet without alley
Sides	n/a
Parking	1 per unit; no mininum in urban villages

# **LR3 Prototype – MHA**

Lot size	5,000 sq. ft.
Total allowed gross area	11,000 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	8,800 sq. ft.
Total units	14
Average net unit size	629 sq. ft.
Parking spaces provided	0





The alternative explores a rowhouse development type where side setbacks are removed. Design standards would ensure that the building is configured as a rowhouse development.

Includes form characteristics of a rowhouse but in stacked apartments

Light and air requirements are not compromised in the units facing the deeper rear yard when compared to units facing side yards.

LOWRISE (LR) 37

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

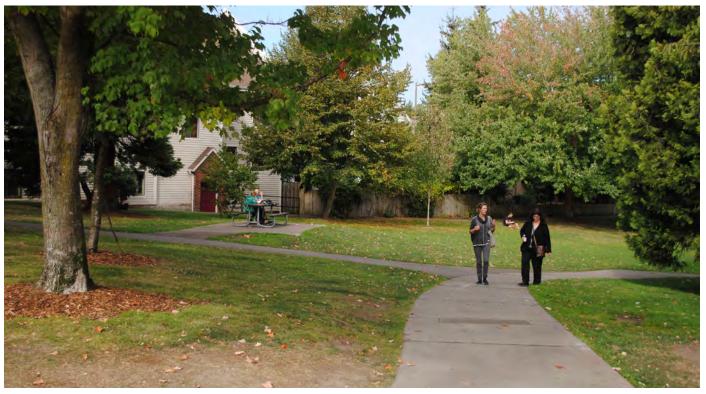
# LR Zone - Urban Design and Neighborhood Character

# **Livability Benefits**

- LR zones provide a transition between higher intensity neighborhood commercial areas and RSL or Single Family zones.
- LR zones encourage ground-related housing in a variety of formats and densities close to transit and amenities.
- LR zones provide a mix of homeownership and rental housing opportunities.
- LR zones provide a range of multifamily and attached housing options in urban village locations.
- Urban design standards are proposed for privacy, and design interest to address the edges of LR zones.



Lowrise 2 provides a transition between higher-intensity areas and single family zones.

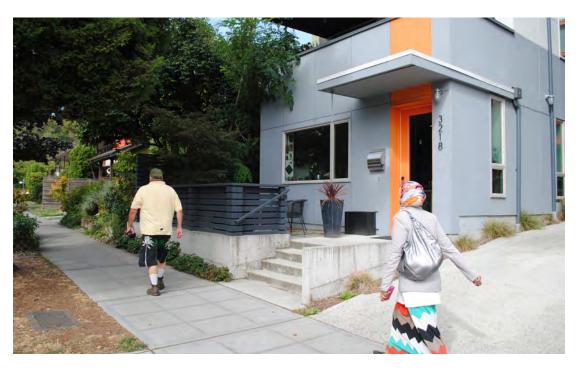


Lowrise zones are often located close to transit and amenities such as parks and shops.



Lowrise zones encourage ground-related housing in a variety of formats and densities.

LOW RISE (LR) 39





Urban design standards are proposed for privacy and design interest to address the edges of Lowrise zones.

# **Proposed Development and Urban Design Standards**

The table below summarizes other proposed or modified development standards intended to improve an urban design outcome and improve livability with new development in the zone.

Issue / Intent	Lowrise Zone	Proposed / Modified Development Standard
Allow variety of housing options, and ensure variety of housing unit sizes.	LR1	Remove the density limit for apartment housing types in the LR1 zone. For every 7 small units of 400 sf or less, an eighth 2BR unit at least 850 sf; or Up to 13 small units of 400 sf or less can be built if a 3BR unit of at least 1,100 sf is included
Increase design flexibility and provide development capacity to implement MHA.	LR1, LR2, LR3	Projects would no longer be required to meet additional design standards for parking location and access to achieve higher FAR amounts and density limits in LR zones. Green building performance requirements would continue to apply.
Ensure light and air access to public rights of way, and compatibility of street facing building scale, as height limits are increased.	LR2, LR3	Retain an upper level setback of 12' feet from a street facing property line for portions of the facade at heights of 30' and above in the LR2 zone. Retain an upper level setback of 12' feet from a street facing property line for portions of the facade at heights of 40' and above in the LR3 zone.
Address transitions and adjacencies at zone edges.	LR1, LR2, LR3	Add minimum design standards for side facade configuration and design, for development on a zone edge between more intensive and less intensive zones, including adjacency to single family zones. The design standard would address two factors: 1.) privacy (i.e. window placement or screening), and 2.) minimum modulation or design interest to deter large blank facades. Standards are departable through design review.
Retain design flexibility and provide development capacity to implement MHA.	LR1, LR2, LR3	Retain the existing FAR exemption for residential uses in partially below grade basements in the LR2, and LR3 zones.  Allow an FAR exemption for residential use in partially below grade basement in the LR1 zone.

LOW RISE (LR) 41

# Neighborhood Commercial (NC)

## **Community Input Themes**

- In general, the height limit and floor area increases are incremental and a good tradeoff for the affordable housing requirement.
- Some of the largest buildings are bulky. Consider ways to keep buildings a manageable size and at human-scale.
- Incorporate open spaces and courtyards where possible.
- Neighborhood Commercial zones allow for large quantities of housing to be produced, they are a good tool for housing and affordable housing production.

## **Zoning Prototypes**

The following pages discuss the Neighborhood Commercial NC-40, NC-55, NC-75 and NC-95 zones.

### **Commercial Zones**

Neighborhood Commercial zones address scale and massing issues of Commercial zones, which have identical maximum FAR and height limits.



NC-40 small site



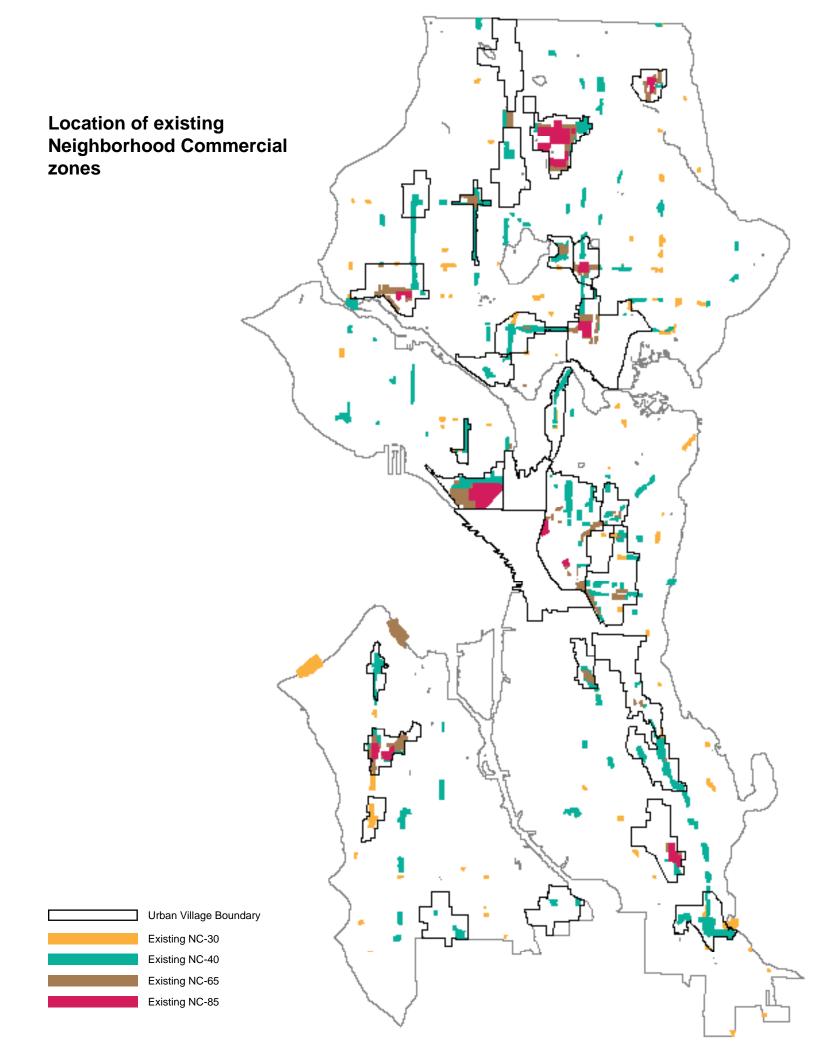
NC-95 5-over-3 construction



NC-75 small site



NC-75 large site



# Neighborhood Commercial 40 small site

## **Prototype Description:**

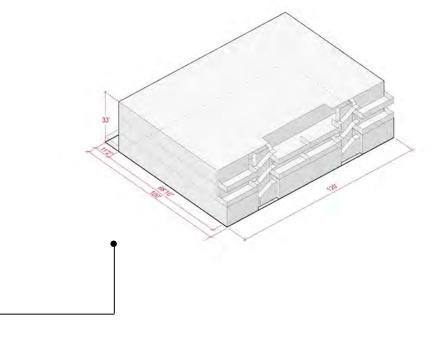
- An apartment or condominium housing product.
- Total lot size of 12,000 square feet.
- Considers adjacency to smaller Lowrise zones.
- Has street-level retail space.

# **Existing NC-30**

FAR maximum	2.5
Height limit	30 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Parking	1 per unit; no mininum in urban villages

# NC-30 Prototype – Existing

Lot size	12,000 sq. ft.
Total allowed gross area	30,000 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	4,000 sq. ft.
Total net residential	20,800 sq. ft.
Total units	29
Average net unit size	711 sq. ft.
Parking spaces provided	0



PERFORMANCE OPTION*	(+ commercial addition)
High MHA area (7%)	2.52 (+ 0) = 3  units
Medium MHA area (6%)	2.16 (+ 0) = 3  units
Low MHA area (5%)	1.80 (+ 0) = 2 units

### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.)	\$664k (+ 0) = \$664,000
Med MHA area (\$13.25/sq. ft.)	\$424k (+ 0) = \$424,000
Low MHA area (\$7/sq. ft.)	\$224k (+ 0) = \$224.000

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

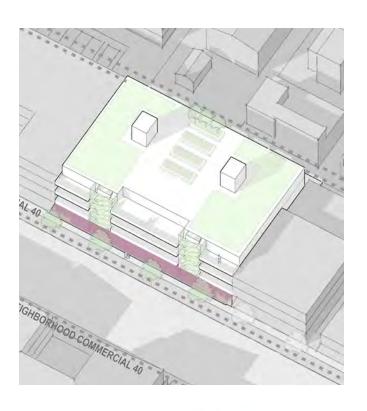
The first 4,000 sf of ground floor commercial does not count towards MHA requirements

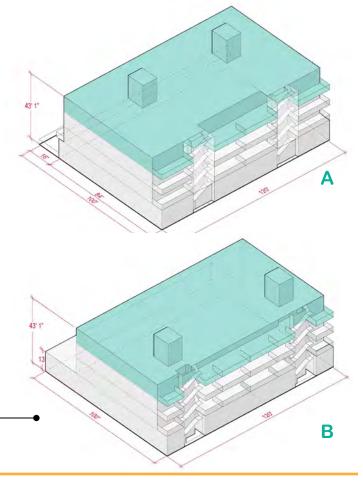
# **Proposed MHA NC-40**

FAR maximum	3.0
Height limit	40 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Parking	1 per unit; no mininum in urban villages

# NC-40 Prototype - Proposed

Lot size	12,000 sq. ft.
Total allowed gross area	36,000 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	4,000 sq. ft.
Total net residential	25,600 sq. ft.
Total units	36 (A) / 18 (B)
Avg. unit size 689 (A) /	1,108 (B) sq. ft.
Parking spaces provided	0





# Neighborhood Commercial 40 mixed-use | large site

### **Prototype Description**

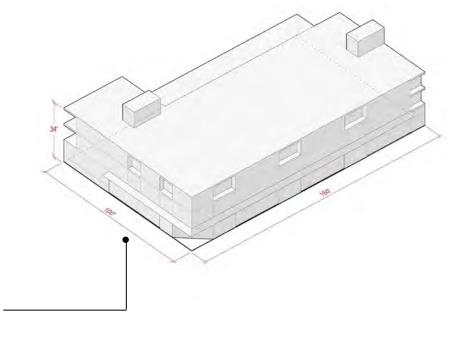
- An apartment or condominium housing product.
- Total lot size of 16,000 square feet.
- Underground parking provided for some of the units.
- · Considers adjacency to smaller Lowrise zones.
- Has street-level retail space.
- Has a break in the building mass at the upper level.

# **Existing NC-30**

FAR maximum	2.5
Height limit	30 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Parking	1 per unit; no mininum in urban villages

# NC-30 Prototype – Existing

Lot size	16,000 sq. ft.
Total allowed gross area	40,000 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	5,600 sq. ft.
Total net residential	27,520 sq. ft.
Total units	33
Average net unit size	827 sq. ft.
Parking spaces provided	underground



PERFORMANCE OPTION*	(+ commercial addition)
High MHA area (7%)	2.87 (+ .10) = 3  units
Medium MHA area (6%)	2.46 (+ .10) = 3  units
Low MHA area (5%)	2.05. (+.10) = 3  units

### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.)	\$880k (+ \$13k) = \$893,000
Med MHA area (\$13.25/sq. ft.)	\$562k (+ \$11k) = \$573,000
Low MHA area (\$7/sq. ft.)	\$297k (+ \$8k) = \$305,000

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

The first 4,000 sf of ground floor commercial does not count towards MHA requirements

# **Proposed MHA NC-40**

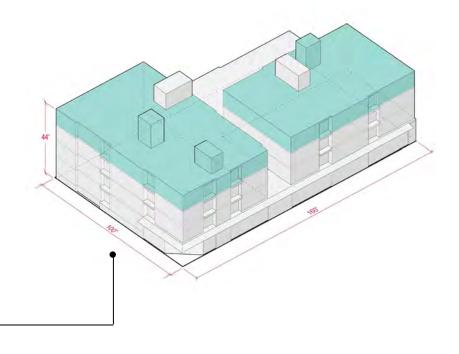
FAR maximum	3.0
Height limit	40 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Parking	1 per unit; no mininum in urban villages

# NC-40 Prototype – MHA

Lot size	16,000 sq. ft.
Total allowed gross area	48,000 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	5,600 sq. ft.
Total net residential	33,920 sq. ft.
Total units	41
Average net unit size	827 sq. ft.

underground





Parking spaces provided

# Neighborhood Commercial 55 mixed-use | small site

# **Prototype Description**

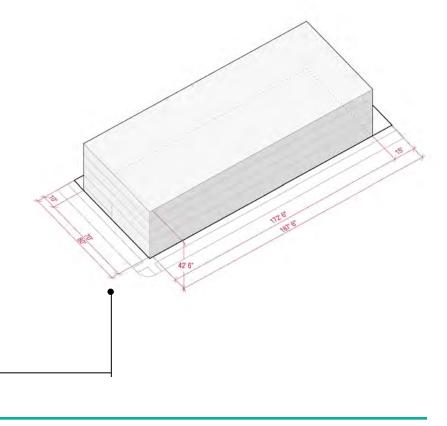
- An apartment or condominium housing product.
- Total lot size of 15,000 square feet.
- Underground parking provided for some of the units.
- Considers adjacency to smaller Lowrise zones.
- · Has street-level retail space.

## **Existing NC-40**

FAR maximum	3.25
Height limit	40 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Parking	1 per unit; no mininum in urban villages

# NC-40 Prototype - Existing

Lot size	15,000 sq. ft.
Total allowed gross area	48,750 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	5,000 sq. ft.
Total net residential	35,000 sq. ft.
Total units	40
Average net unit size	875 sq. ft.
Parking spaces provided	underground



PERFORMANCE OPTION\* (+ commercial addition)
High MHA area (7%) 3.64 (+ .09) = 4 units

Medium MHA area (6%) 3.12 (+ .09) = 4 units Low MHA area (5%) 2.60 (+ .09) = 3 units

### **PAYMENT OPTION**

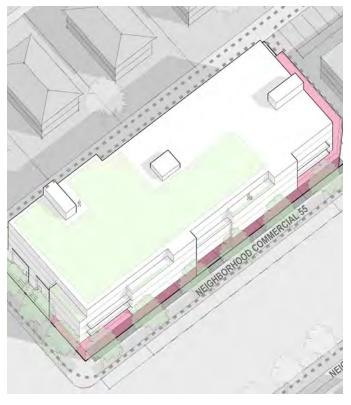
High MHA area (\$20.75/sq. ft.) \$1,063k (+ \$8k) = \$1,071,000 Med MHA area (\$13.25/sq. ft.) \$679k (+ \$7k) = \$686,000 Low MHA area (\$7/sq. ft.) \$359k (+ \$5k) = \$364,000

# **Proposed MHA NC-55**

FAR maximum	3.75
Height limit	55 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Upper	Avg. depth of 5 feet, max. depth of 15 feet above 45 feet
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Façade modulation	Change of materials or a min. 18-inch-deep modulation at a min. of every 50 feet
Parking	1 per unit; no mininum in urban villages

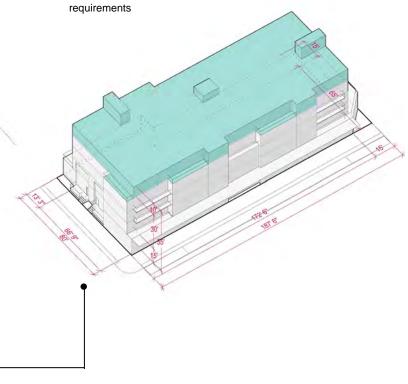
# NC-55 Prototype - MHA

Lot size	15,000 sq. ft.
Total allowed gross area	56,250 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	5,000 sq. ft.
Total net residential	41,000 sq. ft.
Total units	52
Average net unit size	788 sq. ft.
Parking spaces provided	underground



\* If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

The first 4,000 sf of ground floor commercial does not count towards MHA



# Neighborhood Commercial 55 mixed-use | large site

## **Prototype Description**

- An apartment or condominium housing product.
- Total lot size of 18,000 square feet.
- Underground parking provided for some of the units.
- Considers adjacency to smaller Lowrise zones.
- · Has street-level retail space.

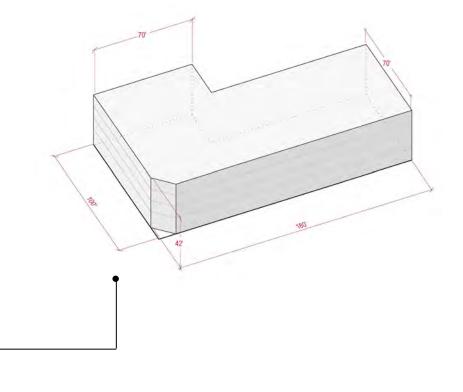
### **Existing NC-40**

FAR maximum	3.25
Height limit	40 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Parking	1 per unit; no mininum in urban villages

# NC-40 Prototype – Existing

Lot size	18,000 sq. ft.
Total allowed gross area	58,500 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	7,500 sq. ft.
Total net residential	40,800 sq. ft.
Total units	54
Average net unit size	755 sq. ft.

Parking spaces provided



underground

PERFORMANCE OPTION\*(+ commercial addition)High MHA area (7%)4.48 (+ .33) = 5 unitsMedium MHA area (6%)3.84 (+ .33) = 5 units

Low MHA area (5%) 3.20 (+ .33) = 4 units

### **PAYMENT OPTION**

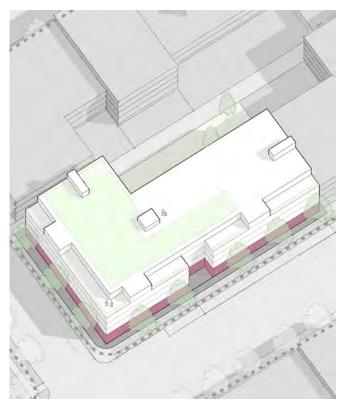
High MHA area (\$20.75/sq. ft.) \$1,245k (+ \$28k) = \$1,273,000Med MHA area (\$13.25/sq. ft.) \$795k (+ \$25k) = \$820,000Low MHA area (\$7/sq. ft.) \$420k (+ \$18k) = \$438,000

# **Proposed MHA NC-55**

FAR maximum	3.75
Height limit	55 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Upper	Avg. depth of 5 feet, max. depth of 15 feet above 45 feet
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Façade modulation	Change of materials or a min. 18-inch-deep setback at a min. of every 50 feet
Parking	1 per unit; no mininum in urban villages

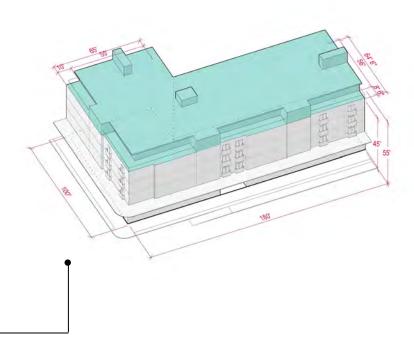
# NC-55 Prototype - MHA

Lot size	18,000 sq. ft.
Total allowed gross area	67,500 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	7,500 sq. ft.
Total net residential	48,000 sq. ft.
Total units	64
Average net unit size	750 sq. ft.
Parking spaces provided	underground



 $^{\star}$  If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

The first 4,000 sf of ground floor commercial does not count towards MHA requirements



# Neighborhood Commercial 75 mixed-use | typical lot size

## **Prototype Description**

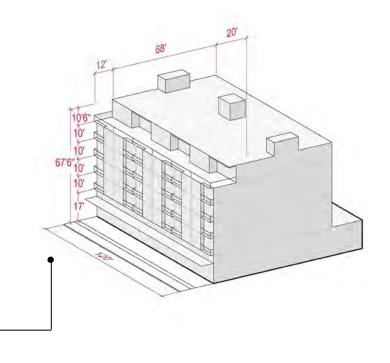
- An apartment or condominium housing product.
- Total lot size of 12,000 square feet.
- Underground parking is provided for some of the units.
- Considers adjacency to smaller Lowrise zones and similar or taller Midrise zones.
- Has street-level retail space.

### **Existing NC-65**

FAR maximum	4.75
Height limit	65 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Parking	1 per unit; no mininum in urban villages

## NC-65 Prototype – Existing

Lot size	12,000 sq. ft.
Total allowed gross area	57,000 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	10,000 sq. ft.
Total net residential	37,600 sq. ft.
Total units	65
Average net unit size	575 sq. ft.
Parking spaces provided	underground



PERFORMANCE OPTION*	(+ commercial addition)
High MHA area (7%)	5.46 (+ .52) = 6 units
Medium MHA area (6%)	4.68 (+ .52) = 6 units
Low MHA area (5%)	3.90 (+ .52) = 5 units

### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$1,162k (+ \$48k) = \$1,210,000Med MHA area (\$13.25/sq. ft.) \$742k (+ \$42k) = \$784,000Low MHA area (\$7/sq. ft.) \$392k (+ \$30k) = \$422,000

# **Proposed MHA NC-75**

FAR maximum	5.5
Height limit	75 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Upper	Avg. depth of 10 feet, max. depth of 20 feet above 55 feet
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Façade modulation	Change of materials or a min. 18-inch-deep setback at a min. of every 50 feet
Parking	1 per unit; no mininum in urban villages

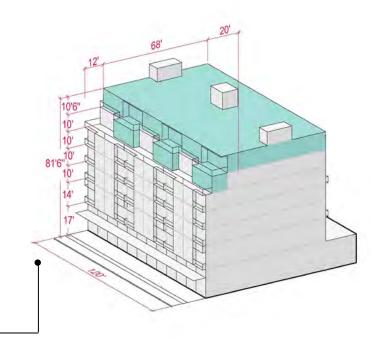
# NC-75 Prototype – MHA

Lot size	12,000 sq. ft.
Total allowed gross area	66,000 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	10,000 sq. ft.
Total net residential	44,800 sq. ft.
Total units	78
Average net unit size	575 sq. ft.
Parking spaces provided	underground



 $^{\star}$  If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

The first 4,000 sf of ground floor commercial does not count towards MHA requirements



# Neighborhood Commercial 75 mixed-use | large site

### **Prototype Description**

- An apartment or condominium housing product.
- Total lot size of 46,000 square feet.
- Underground parking provided for some of the units.
- Considers adjacency to smaller Lowrise zones and similar or taller zones.
- Explores a large site redevelopment

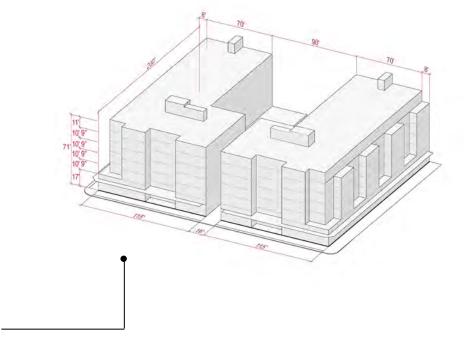
### **Existing NC-65**

FAR maximum	4.75
Height limit	65 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Parking	1 per unit; no mininum in urban villages

# NC-65 Prototype - Existing

Lot size	46,000 sq. ft.
Total allowed gross area	218,500 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	40,000 sq. ft.
Total net residential	142,800 sq. ft.
Total units	201
Average net unit size	710 sq. ft.

Parking spaces provided



underground

 PERFORMANCE OPTION\*
 (+ commercial addition)

 High MHA area (7%)
 16.80 (+ 2.54) = 20 units

 Medium MHA area (6%)
 14.40 (+ 2.54) = 17 units

 Low MHA area (5%)
 12.00 (+ 2.54) = 15 units

### **PAYMENT OPTION**

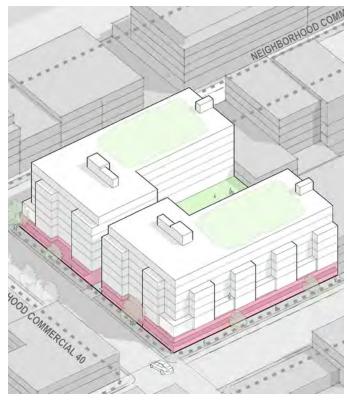
High MHA area (\$20.75/sq. ft.) \$4,420k (+ \$288k) = \$4,708kMed MHA area (\$13.25/sq. ft.) \$2,822k (+ \$252k) = \$3,074kLow MHA area (\$7/sq. ft.) \$1,491k (+ \$180k) = \$1,671k

## **Proposed MHA NC-75**

FAR maximum	5.5
Height limit	75 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Upper	Avg. depth of 10 feet, max. depth of 20 feet above 55 feet
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Façade modulation	Change of materials or a min. 18-inch-deep setback at a min. of every 50 feet
Parking	1 per unit; no mininum in urban villages

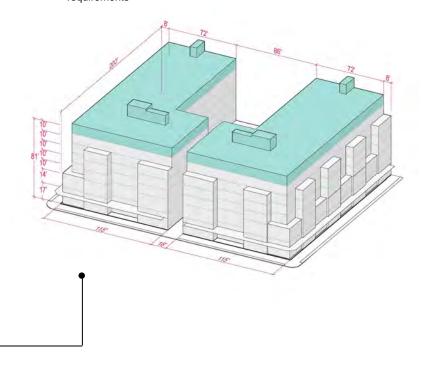
# NC-75 Prototype - MHA

Lot size	46,000 sq. ft.
Total allowed gross area	253,000 sq. ft.
Efficiency factor	0.8
Ground-floor commercial	40,000 sq. ft.
Total net residential	170,400 sq. ft.
Total units	240
Average net unit size	710 sq. ft.
Parking spaces provided	underground



\* If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

The first 4,000 sf of ground floor commercial does not count towards MHA requirements



# Neighborhood Commercial 95 mixed-use | 5-over-3 construction

## **Prototype Description**

- An apartment or condominium housing product.
- Total lot size of 28,750 square feet.
- Underground parking provided for some of the units.
- Considers adjacency to smaller Lowrise zones and similar or taller Midrise zones.
- Reviews five stories of framed construction over three concrete levels.

## **Existing NC-85**

FAR maximum	4.5 for single use 6.0 for mixed-use
Height limit	85 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Parking	1 per unit; no mininum in urban villages

# NC-85 Prototype – Existing

Lot size 28,750 sq. ft.

Total allowed gross area 172,500 sq. ft.

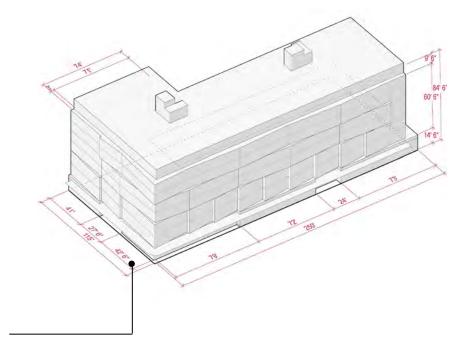
Efficiency factor 0.8

Ground-floor commercial 43,125 sq. ft.

Total net residential 103,500 sq. ft.

Total units 95 (18 live/work)

Average net unit size 1,056 sq. ft.



underground

Parking spaces provided

**PERFORMANCE OPTION\*** 

(+ commercial addition)

High MHA area (7%)

7.56 (+ 1.93) = 10 units

Medium MHA area (6%) Low MHA area (5%) 6.48 (+ 1.93) = 9units

5.40 (+ 1.93) = 8 units

### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) Med MHA area (\$13.25/sq. ft.)

Low MHA area (\$7/sq. ft.)

2,834k (+ 313k) = 3,147k

\$1.809k (+ \$274k) = \$2,083k

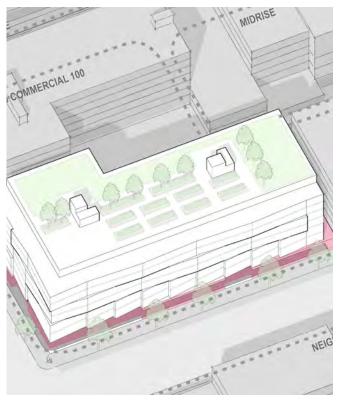
\$956k (+ \$196k) = \$1,152k

## **Proposed MHA NC-95**

FAR maximum	5.0 single use 6.25 mixed use
Height limit	95 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Upper	Avg. depth of 15 feet, max. depth of 25 feet above 75 feet
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Façade modulation	Change of materials or a min. 18-inch-deep setback at a min. of every 50 feet
Parking	1 per unit; no mininum in urban villages

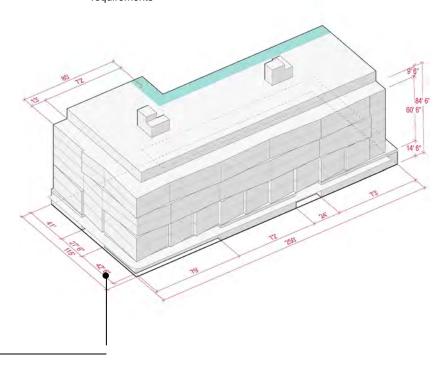
# NC-95 Prototype - MHA

Lot size 28,750 sq. ft. Total allowed gross area 179,688 sq. ft. Efficiency factor 8.0 Ground-floor commercial 43,125 sq. ft. Total net residential 109,250 sq. ft. Total units 108 (18 live/work) Average net unit size 1,012 sq. ft. Parking spaces provided underground



\* If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

The first 4,000 sf of ground floor commercial does not count towards MHA requirements



# Neighborhood Commercial 95 mixed-use 9-story highrise construction

# **Prototype Description**

- An apartment or condominium housing product.
- Total lot size of 28,750 square feet.
- Underground parking provided for some of the units.
- Considers adjacency to smaller Lowrise zones and similar or taller Midrise zones.
- Reviews highrise concrete or steel construction

### **Existing NC-85**

FAR maximum	4.5 for single use 6.0 for mixed-use
Height limit	85 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Parking	1 per unit; no mininum in urban villages

# NC-85 Prototype – Existing

Lot size 28,750 sq. ft.

Total allowed gross area 172,500 sq. ft.

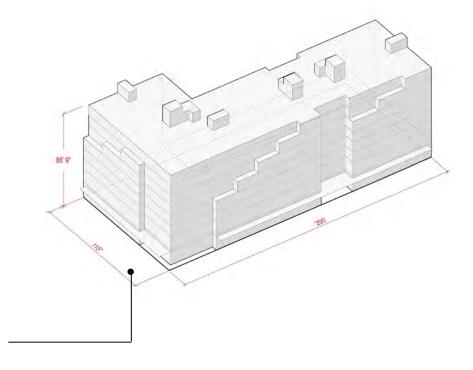
Efficiency factor 0.8

Ground-floor commercial 43,125 sq. ft.

Total net residential 103,500 sq. ft.

Total units 116 (10 live/work)

Average net unit size 819 sq. ft.



underground

Parking spaces provided

PERFORMANCE OPTION*	(+ commercial addition)
High MHA area (7%)	8.82 (+ 3.45) = 13 units
Medium MHA area (6%)	7.56 (+ 3.45) = 12 units
Low MHA area (5%)	6.30 (+ 3.45) = 10 units

### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.)	2,536k (+ 428k) = 2,964k
Med MHA area (\$13.25/sq. ft.)	\$1,619k (+ \$375k) = \$1,994k
Low MHA area (\$7/sq. ft.)	\$855k (+ \$268k) = \$1,123k

# **Proposed MHA NC-95**

FAR maximum	5.0 single use 6.25 mixed use
Height limit	95 feet
Setbacks	
Front	First floor dwellings must be 4 feet above or 10 feet back from street
Upper	Avg. depth of 15 feet, max. depth of 25 feet above 75 feet
Rear	10 feet if next to residential zone
Sides	15 feet if next to residential zone
Façade modulation	Change of materials or a min. 18-inch-deep setback at a min. of every 50 feet
Parking	1 per unit; no mininum in urban villages

# NC-95 Prototype – MHA

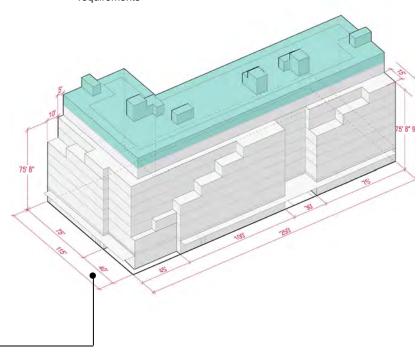
Lot size	28,750 sq. ft.
Total allowed gross are	ea 179,688 sq. ft.
Efficiency factor	0.8
Ground-floor commerc	ial 57,500 sq. ft.
Total net residential	97,750 sq. ft.
Total units	126 (10 live/work)
Average net unit size	776 sq. ft.

underground



 $^{\star}$  If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

The first 4,000 sf of ground floor commercial does not count towards MHA requirements



Parking spaces provided

# NC Zone - Urban Design and Neighborhood Character

# **Livability Benefits**

- Street-facing upper-level setback standards are added, ensuring light and air access at the street level, and mitigating the impact of additional height.
- Minimum façade modulation requirements encourage varied building design and greater façade interest.
- A maximum building façade width is added to ensure human scale of buildings.
- In some zones, the additional allowed height will result in more varied and modulated building masses and forms (e.g., NC-40 and NC-55 zones).
- An option for a highrise building form in the NC-95 zone would result in more livable units with higher ceiling-to-ceiling heights and larger windows.



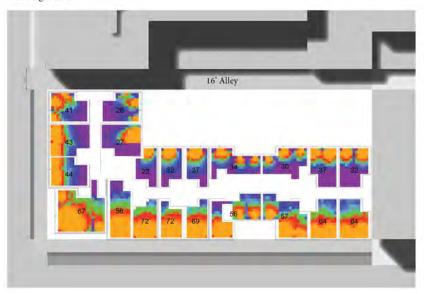
Minimum façade modulation requirements are added to encourage varied building design and greater façade interest as illustrated in the NC-95 zone.

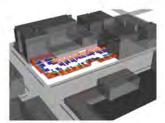
Buildings in the NC-95 zone with higher ceiling-to-ceiling heights and larger windows allow improved daylight conditions in units.

Overall this configuration enjoys livability benefits of high rise construction. The building massing is more slender and provides more modulation than a non high-rise construction in the same zone.

#### HALA DAYLIGHT STUDY

E Level 2 Wall Height: 12'-0"





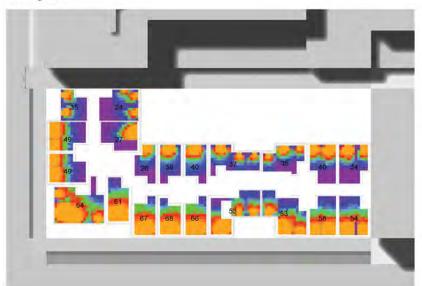
Study Assumptions: Windows are located in every habitable room. Window area is calculated at the code minimum of 8% of the habitable floor area

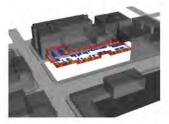
0% 100%

Daylight Autonomy: Percent of annual hours 8:00am - 6:00pm that exceds 100 lux at 30" AFF

#### HALA DAYLIGHT STUDY

E Level 4 Wall Height: 9'-0"





Study Assumptions: Windows are located in every habitable room. Window area is calculated at the code minimum of 8% of the habitable floor area

Daylight Autonomy: Percent of annual hours 8:00am - 6:00pm that exceds 100 lux at 30" AFF

100%



Proposed standards for the NC-40 zone supports a day care center among other amenities. FAR maximums relative to height limits support more open space in NC zones.



Neighborhood Commercial storefronts enhance the pedestrian experience.

# **Proposed Development and Urban Design Standards**

The table below summarizes other proposed or modified development standards intended to improve an urban design outcome and improve livability with new development in the zone.

Issue / Intent	Lowrise Zone	Proposed / Modified Development Standard
Increase design flexibility and provide opportunity for increased housing production. Discourage production of ineffective street level retail space.	NC-40 NC-55 NC-75	Remove the use-based maximum FAR limits, so a single total maximum allowed FAR is provided.
Ensure light and air access to public rights of way, and compatibility of street facing building scale, as height limits are increased.	NC-55 NC-75 NC-95	<ul> <li>In the NC-55 zone add a 5' average depth upper level setback at a height of 45'. the maximum setback depth is 15' for purposes of setback calculation.</li> <li>In the NC-75 zone add a 10' average depth upper level setback at a height of 55'. The maximum setback depth is 20' for purposes of setback calculation.</li> <li>In the NC-95 zone add a 15' average depth upper level setback at a height of 75'. The maximum setback depth is 25' for purposes of setback calculation.</li> </ul>
Encourage human scaled buildings, and compatibility of infill development with context.	NC-75 NC-95	Require a break in building massing or pass-through, by adding a maximum building width standard of 240'.
Encourage design interest and human scale in large scale building facades.	NC-55 NC-75 NC-95	Provide facade modulation with minimum depth of 18", or change in material, texture, or color, at every 50' of facade width.
Encourage effective street level retail spaces	NC-30 NC-40	Retain an additional 4' height allowance for buildings that provide tall ground floor commercial spaces of at least 13'.

# Midrise (MR)

### **Community Input**

In general, the height limit and floor area increases are incremental and a good tradeoff for the affordable housing requirement.

- Incorporate open spaces and courtyards where possible.
- Consider the Midrise zone in more locations that are very close to frequent transit hubs.
- Encourage a variety of housing sizes.

#### **Zoning Prototypes**

The following pages discuss the three apartment prototypes in the Midrise zone on small and large sites.



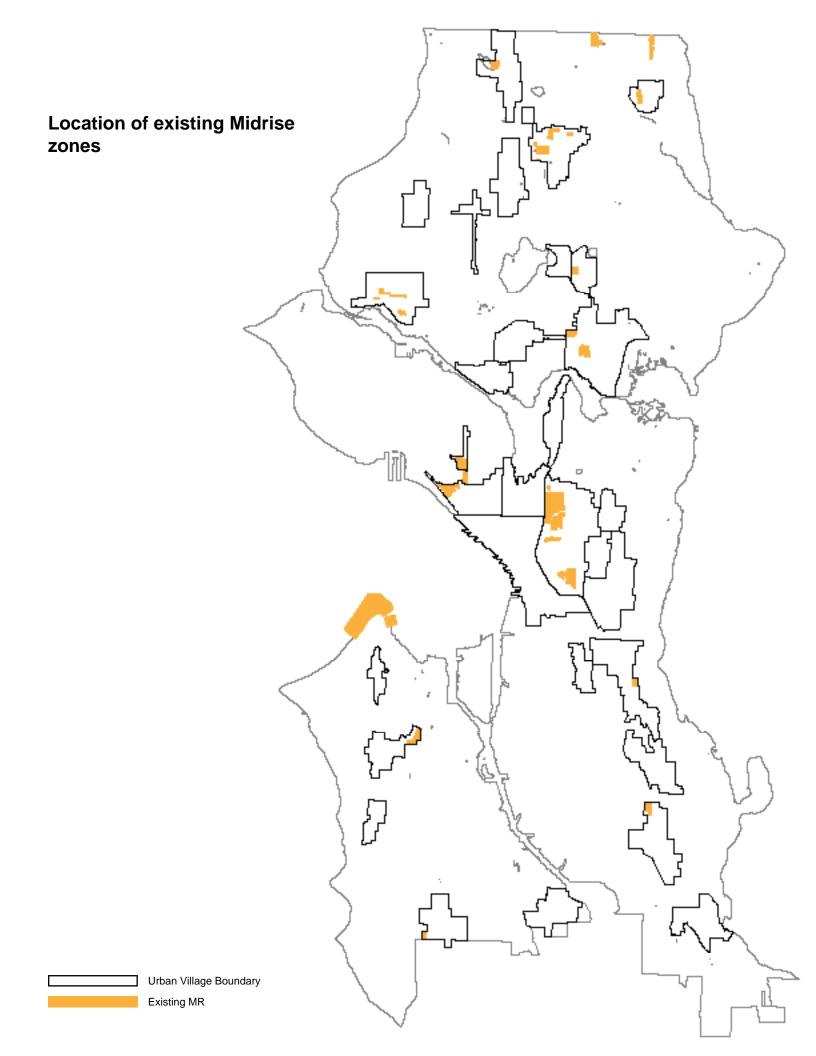
Apartments small site additional height



Apartments small site additional depth



Apartments large site



# MIDRISE rental apartments | additional depth

## **Prototype Description**

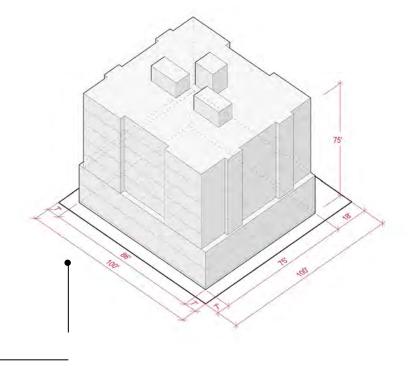
- An apartment or condominium housing product.
- Total lot size of 10,000 square feet.
- Underground parking is provided for some of the units.
- Considers adjacency to smaller Lowrise zones and similar or smaller Neighborhood Commercial zones.
- Additional floor area is achieved by greater building depth in a 7-story product.

#### **Existing MR**

FAR maximum	3.2 base 4.25 bonus
Height limit	60 feet base 75 feet bonus
Setbacks	
Front	5 feet minimum 0 feet if courtyard
Rear	10 feet with alley 15 feet without alley
Sides	<42 ft.: 5 ft. min/7 ft. avg >42ft.: 7 ft. min
Max. depth	75% of lot depth
Parking	1 per unit; no mininum in urban villages

### **MR Prototype – Existing**

Lot size	10,000 sq. ft.
Total allowed gross area	42,500 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	34,000 sq. ft.
Total units	56
Average net unit size	607 sq. ft.
Parking spaces provided	underground



#### **Affordable Homes**

#### **PERFORMANCE OPTION\***

High MHA area (7%) 4.90 = 5 units Medium MHA area (6%) 4.20 = 5 units Low MHA area (5%) 3.50 = 4 units

#### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$934,000 Med MHA area (\$13.25/sq. ft.) \$596,000 Low MHA area (\$7/sq. ft.) \$315,000

### **Proposed MHA MR**

FAR maximum	4.5
Height limit	80 feet
Setbacks	
Front	5 feet minimum 0 feet if courtyard
Upper	Above 70 feet: 15 feet (front and rear) 5 feet (sides)
Rear	10 feet with alley 15 feet without alley
Sides	<42 ft.: 5 ft. min/7 ft. avg >42ft.: 7 ft. min
Max. depth	80% of lot depth
Parking	1 per unit; no mininum in urban villages

## MR Prototype - Proposed

Lot size 10,000 sq. ft.

Total allowed gross area 45,000 sq. ft.

Efficiency factor 0.8

Total net sq. ft. 36,000 sq. ft.

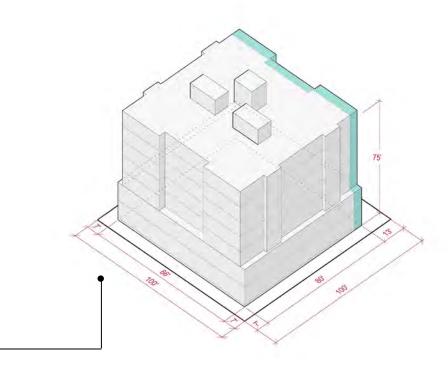
Total units 70

Average net unit size 514 sq. ft.

underground

Parking spaces provided





MIDRISE (MR) 67

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# MIDRISE rental apartments | additional height

#### **Prototype Description**

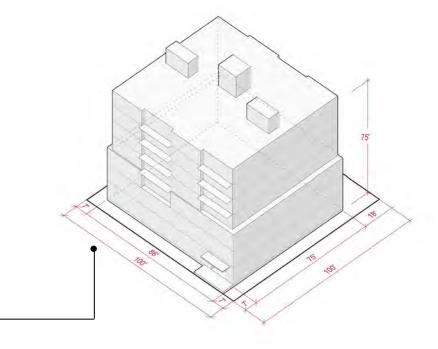
- An apartment or condominium housing product.
- Total lot size of 10,000 square feet.
- Underground parking is provided for some of the units.
- Considers adjacency to smaller Lowrise zones and similar or smaller Neighborhood Commercial zones.
- Greater building variation is achieved by greater building height in a 8-story product.

#### **Existing MR**

FAR maximum	3.2 base 4.25 bonus
Height limit	60 feet base 75 feet bonus
Setbacks	
Front	5 feet minimum 0 feet if courtyard
Rear	10 feet with alley 15 feet without alley
Sides	<42 ft.: 5 ft. min/7 ft. avg >42ft.: 7 ft. min
Max. depth	75% of lot depth
Parking	1 per unit; no mininum in urban villages

# MR Prototype – Existing

Lot size	10,000 sq. ft.
Total allowed gross area	42,500 sq. ft.
Efficiency factor	0.8
Total net sq. ft.	34,000 sq. ft.
Total units	56
Average net unit size	607 sq. ft.
Parking spaces provided	underground



#### **Affordable Homes**

#### PERFORMANCE OPTION\*

High MHA area (7%) 4.20 = 5 units Medium MHA area (6%) 3.60 = 5 units Low MHA area (5%) 3.00 = 3 units

#### **PAYMENT OPTION**

High MHA area (\$ 20.75/sq. ft.) \$934,000 Med MHA area (\$13.25/sq. ft.) \$596,000 Low MHA area (\$7/sq. ft.) \$315,000

### **Proposed MHA MR**

FAR maximum	4.5
Height limit	80 feet
Setbacks	
Front	5 feet minimum 0 feet if courtyard
Upper	Above 70 feet: 15 feet (front and rear) 5 feet (sides)
Rear	10 feet with alley 15 feet without alley
Sides	<42 ft.: 5 ft. min/7 ft. avg >42ft.: 7 ft. min
Max. depth	80% of lot depth
Parking	1 per unit; no mininum in urban villages

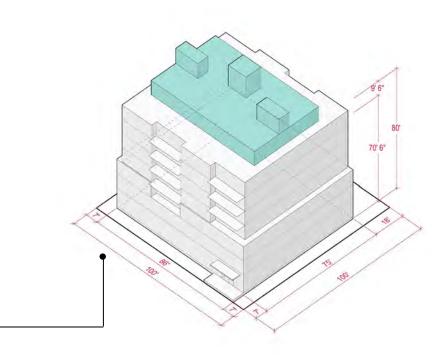
# MR Prototype - Proposed

10,000 sq. ft.
45,000 sq. ft.
0.8
36,000 sq. ft.
60
600 sq. ft.

underground

Parking spaces provided





MIDRISE (MR) 69

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# MIDRISE rental apartments | large infill site

# **Prototype Description**

- An apartment or condominium housing product.
- Total lot size of 20,000 square feet.
- Underground parking is provided for some of the units.
- Considers adjacency to smaller Lowrise zones and similar or smaller Neighborhood Commercial zones.
- · Explores a courtyard condition

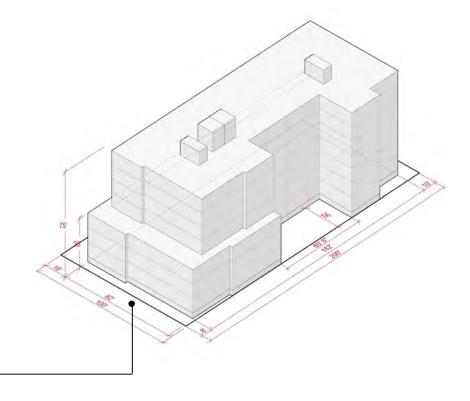
#### **Existing Midrise**

FAR maximum	3.2 base 4.25 bonus
Height limit	60 feet base 75 feet bonus
Setbacks	
Front	5 feet minimum 0 feet if courtyard
Rear	10 feet with alley 15 feet without alley
Sides	<42 ft.: 5 ft. min/7 ft. avg >42ft.: 7 ft. min
Max. depth	75% of lot depth
Parking	1 per unit; no mininum in urban villages

## Midrise Prototype -

Parking spaces provided

Lot size	20,000 sq. ft.
Total allowed gross area	85,000 sq. ft.
Efficiency factor	8.0
Total net sq. ft.	68,000 sq. ft.
Area below grade	5,000 sq. ft.
Total units	122
Average net unit size	598 sq. ft.



underground

#### **Affordable Homes**

#### **PERFORMANCE OPTION\***

High MHA area (7%) 8.82 = 9 units Medium MHA area (6%) 7.56 = 8 units Low MHA area (5%) 6.30 = 7 units

#### **PAYMENT OPTION**

High MHA area (\$20.75/sq. ft.) \$1,971,000 Med MHA area (\$13.25/sq. ft.) \$1,259,000 Low MHA area (\$7/sq. ft.) \$665,000

#### **Proposed MHA**

FAR maximum	4.5
Height limit	80 feet
Setbacks	
Front	5 feet minimum 0 feet if courtyard
Upper	Above 70 feet: 15 feet (front and rear) 5 feet (sides)
Rear	10 feet with alley 15 feet without alley
Sides	<42 ft.: 5 ft. min/7 ft. avg >42ft.: 7 ft. min
Max. depth	80% of lot depth
Parking	1 per unit; no mininum in urban villages

## Midrise Prototype - MHA

Lot size 20,000 sq. ft.

Total allowed gross area 90,000 sq. ft.

Efficiency factor 0.8

Total net sq. ft. 72,000 sq. ft.

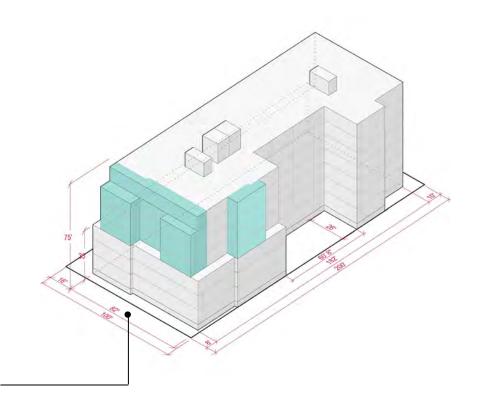
Total units 126

Average net unit size 611 sq. ft.

underground

Parking spaces provided





MIDRISE (MR) 71

<sup>\*</sup> If rounding down to provide affordable performance unit, developer must pay for the fraction they are rounding off as payment housing.

# MR Zone - Urban Design and Neighborhood Character

### **Livability Benefits**

- Midrise zones provide for infill housing opportunities in locations with the best access to transit and services.
- Courtyard design and open space standards provide amenities for residents of the housing units.



As one of the most densest residential prototypes, Midrise zones have development standards requiring separation in the building mass to reduce the overall bulk of structures.

# **Proposed Development and Urban Design Standards**

Issue	Proposed / Modified Development Standard
Increase design flexibility and provide opportunity for increased housing production.	To allow flexibility to achieve more housing, the maximum lot depth limit increases from 75% to 80% and the maximum height limit increases from 75' to 80' to allow variation in building form
Provide usable open space amenities for residents.	Standards for a courtyard housing option are retained.
Ensure light and air access to public rights of way, and compatibility of street facing building scale, as height limits are increased.	A new upper-level setback standard reduces the impact of the additional story on access to light at street level and in open spaces.



MHA would retain standards for a courtyard housing option.

# Other Zones

### Limited Application outside of Downtown and South Lake Union

Several zones outside of Downtown and South Lake Union apply only in limited locations. These zones primarily allow highrise development, uncommon today in most of the study locations. We aren't proposing to expand where highrise development can occur as part of MHA. A few of these zones with limited locations outside of Downtown and South Lake Union are areas that have undergone a recent specific planning effort, such as the blocks around the Mt Baker Light Rail station.

Additional modeling and analysis of development capacity increases in these zones will be provided. The table below summarizes the draft proposed development capacity for the zones not included in the prototypes above.



No new highrise zones are proposed as part of MHA.

Existing Zone	Proposed Zone	Existing Development Standard	Proposed Capacity Increase
Highrise (HR)	Highrise (HR)	<ul> <li>Maximum FAR (with bonuses) for buildings 240' and less: 13</li> <li>Maximum FAR (with bonuses) for buildings over 240': 14</li> <li>Maximum Height: 300 feet</li> </ul>	<ul> <li>Maximum FAR (with bonuses) buildings 240' and less: 14</li> <li>Maximum FAR (with bonuses) buildings over 240': 15</li> <li>Maximum Height: 340 feet</li> </ul>
NC-125	NC-145	<ul><li>Maximum FAR single use: 5</li><li>Maximum FAR all uses: 6</li><li>Height Limit: 125 feet</li></ul>	<ul><li>Maximum FAR single use: 6</li><li>Maximum FAR all uses: 7</li><li>Height Limit: 145 feet</li></ul>
NC-160	NC-200	<ul><li>Maximum FAR single use: 5</li><li>Maximum FAR all uses: 7</li><li>Height limit: 160 feet</li></ul>	<ul> <li>Maximum FAR single use: 6.5</li> <li>Maximum FAR all uses: 8.25</li> <li>Height limit: 200 feet</li> </ul>
All Industrial Commercial Zones (IC)	IC	Maximum FAR: 2.5	Maximum FAR: 2.75

#### **Seattle Mixed - North Rainier Zones (SM-NR)**

SM-NR 65	SM-NR 75	Maximum FAR (with bonus): 5.0     Height Limit: 65 feet	Maximum FAR: 5.25     Height Limit: 75 feet
SM-NR 55/75	SM-NR 55/85	Maximum FAR (with bonus): no limit     Residential Height Limit (with bonus): 75 feet	Maximum FAR: no limit     Residential Height Limit: 85 feet
SM-NR 85	SM-NR 95	Maximum FAR (with bonus): 6.0     Height Limit: 85 feet	Maximum FAR: 6.25     Height Limit: 95 feet
SM-NR 125	SM-NR 145	<ul><li>Maximum FAR (with bonus): 8.0</li><li>Height Limit: 125 feet</li></ul>	<ul><li>Maximum FAR: 8.25</li><li>Height Limit: 145 feet</li></ul>

#### **Seattle Mixed Dravus Zone (SM-D)**

This zone does not have maximum FAR controls. The height limit and other dimensional standards govern the amount of development that can occur on a lot.

SM-D 40-85	SM-D 95	Maximum height (with bonus): 85 feet	Maximum height: 95 feet

OTHER ZONES 75

# **Overlay Zones**

#### **Addressing Overlay Zones**

An overlay zone designation applies as a layer in addition to a base zoning designation. Overlay zones address conditions unique to an area or set of issues. Examples include Station Area Overlay Zones near light rail stations, or the Stadium Transition Area Overlay District near by the professional sports stadiums.

Since some overlay zones modify base developments standards such as the FAR limit, it is necessary to consider how increases in development capacity to implement MHA would be applied to overlay zones. Additional modeling and analysis of development capacity increases in overlay zones will be provided. The table at right summarizes the draft proposed development capacity increases for overlay zones.

# FAR Requirements in the Station Area Overlay District

	Existing FAR	Proposed MHA FAR
NC-40 (Currently NC-30)	3	3.25 <sup>1</sup>
NC-55 (Currently NC-40)	4	4.25 <sup>1</sup>
NC-75 (Currently NC-65)	5.75	6 <sup>1</sup>
NC-95 (Currently NC-85)	6	6.251 —
NC-145 (Currently NC-125)	6	7
NC-200 (Currently NC-160)	7	8.25

<sup>&</sup>lt;sup>1</sup> In these zones, existing development capacity is generally limited by height rather than FAR so additional development capacity is primarily provided through additional height.

Name	Description	Proposal
Shoreline District	The Shoreline District applies to properties within 200 feet of the shorelines of Puget Sound, Lake Washington, and the Duwamish River. Properties in this district are generally subject to additional restrictions on height and building location under state and local regulations.	Most properties within the shoreline district would not receive additional development capacity and will be exempt from MHA due to the constraints of Shoreline District regulations and the City's policy to limit development adjacent to environmentally sensitive areas. However, properties that are within the shoreline district but are separated from the shoreline by a street or other right-of-way will receive additional capacity and be subject to MHA.
Historic Districts	The City has eight designated historic districts. Development in these areas is subject to additional review and requirements.	City-designated historic districts would not receive additional development capacity and will be exempt from MHA.
Pike/Pine	Properties in this area can achieve one additional floor of residential development if they meet certain requirements to retain existing buildings or to provide spaces for small businesses and arts facilities. Properties may also sell development rights to preserve existing character buildings.	This area would receive additional development capacity and be subject to MHA. Properties would continue to be able to achieve one extra floor above the height limit though the incentive program.
Major Institution Overlay Districts	These districts are areas where a major institution, such as a large hospital or university, has developed a major institution master plan. These plans must be approved by City Council, but provide tailored development standards that account for the unique needs and plans of the institution.	These areas would receive additional development capacity and be subject to MHA. Institutional uses are not subject to MHA, but commercial and residential development in these areas would contribute to affordable housing. Major Institutional Master Plans that allow additional development beyond the underlying zoning would not be changed.
Stadium Transition Area Overlay District	Development in this district is subject to additional requirements for parking and design, but is also subject to a higher floor area ratio.	Development in this district would receive the same amount of additional capacity as similar zones outside the district.
Station Area Overlay Districts	Development in this district is subject to additional land use and design requirements, but is also subject to a higher floor area ratio.	Development in this district would receive additional development capacity as shown in the table following this chart.
Northgate Overlay District	The purpose of the Northgate Overlay District is to: Create an environment that is more amenable to pedestrians and supportive of commercial development; protect the residential character of residential neighborhoods; and support Northgate as a regional high-capacity transportation center.	The area will receive additional development capacity through the capacity increase to the underlying MHA zones. Design and development standards specific to Northgate including: street level uses, parking location and screening etc. will be retained. Development standards at SMC 23.71.040 that limit housing production with Northgate Specific density limits will be removed.

