

Montgomery Planning Countywide Planning and Policy

04/25/2024

Agenda Item No. 07

Attainable Housing Strategies

Work Session #8 Small Scale Recommendations

Agenda

Staff will discuss and solicit feedback on the following topics:

- Work session #7 recap
- Defining small scale attainable housing
- Small Scale geographies
- Visual overview of small scale design and implementation
- Pattern Book elements
- Development standards
- Parking
- Subdivision
- Correspondence

Work Session #7 Summary

The Board agreed to the following in work session 7:

- The final report will not by accompanied by a ZTA but will retain details.
- Establish a new building type called Multiplex for 3-4 unit buildings but note that a form based approach should be considered in the future.
- Update definition of Townhouse and Apartment to 5 or more units, and sub-define small apartment as 19 or fewer units.
- Create a new Attainable Housing optional method (AHOM) and use the MPDU optional method as a baseline.
- Allow detached house, duplex, multiplex, townhouse, and small apartment in the AHOM.
- Provide a 2% density bonus for each 1% average dwelling unit size reduction.
- Require 10% common open space.
- Set an average dwelling unit size of 1,500 square feet.

Work Session #7 Summary

The Board requested Planning Staff follow up on the following:

- Study creating an administrative site plan process, or similar, for smaller AHOM projects.
- Review the geographic eligibility of the AHOM:
 - Expanded buffers from the Growth Corridors.
 - Applying to some or all of the Corridor Focused Growth Areas, with density varying based on distance to the corridors.
- Revisit the usable area for AHOM.
- Evaluate different options for AHOM base density with a focus on increasing density.
- Consider additional options for parking including ways to provide off-site credits.

What is 'Small Scale'

- Duplex and Multiplex buildings (2-4 units).
- Integrated into existing single family neighborhoods.
- 'House scale' fitting within the existing zoning constraints.

Images



Recommendations - What and Where

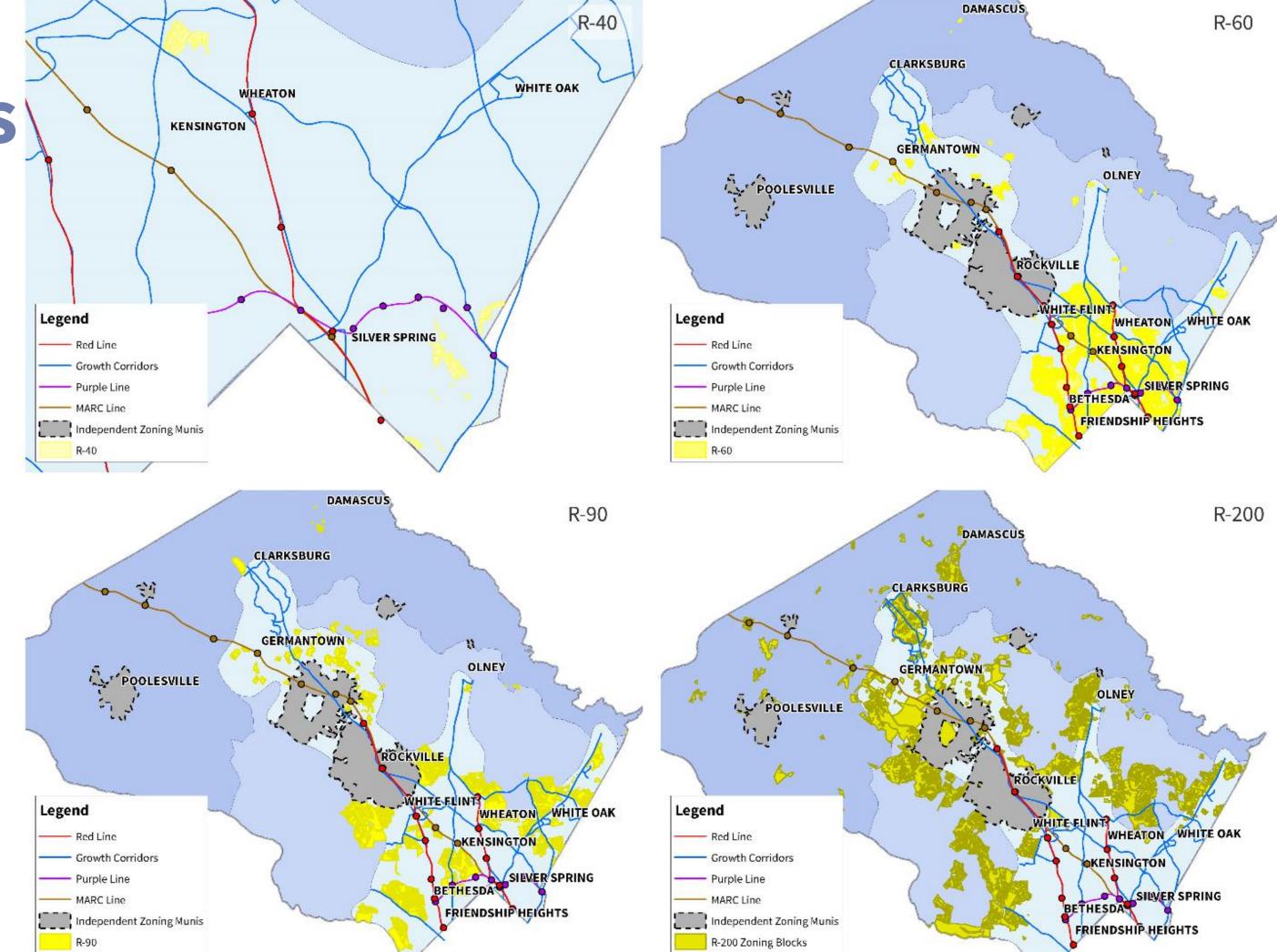
Standard Method Development Small Scale Recommendations

Zones	Duplexes	Triplexes	Quadplexes
R-200	Yes	No	No
R-90	Yes	Yes	Yes, if in a PHD
R-60	Yes	Yes	Yes, if in a PHD
R-40	Yes (Already allowed)	Yes	Yes, if in a PHD

Intent is to create a gradation in density focusing growth in the Thrive 2050 Focused Growth Areas

PHD = Priority Housing District

Map of zones



Attainable Housing Strategies Webmap

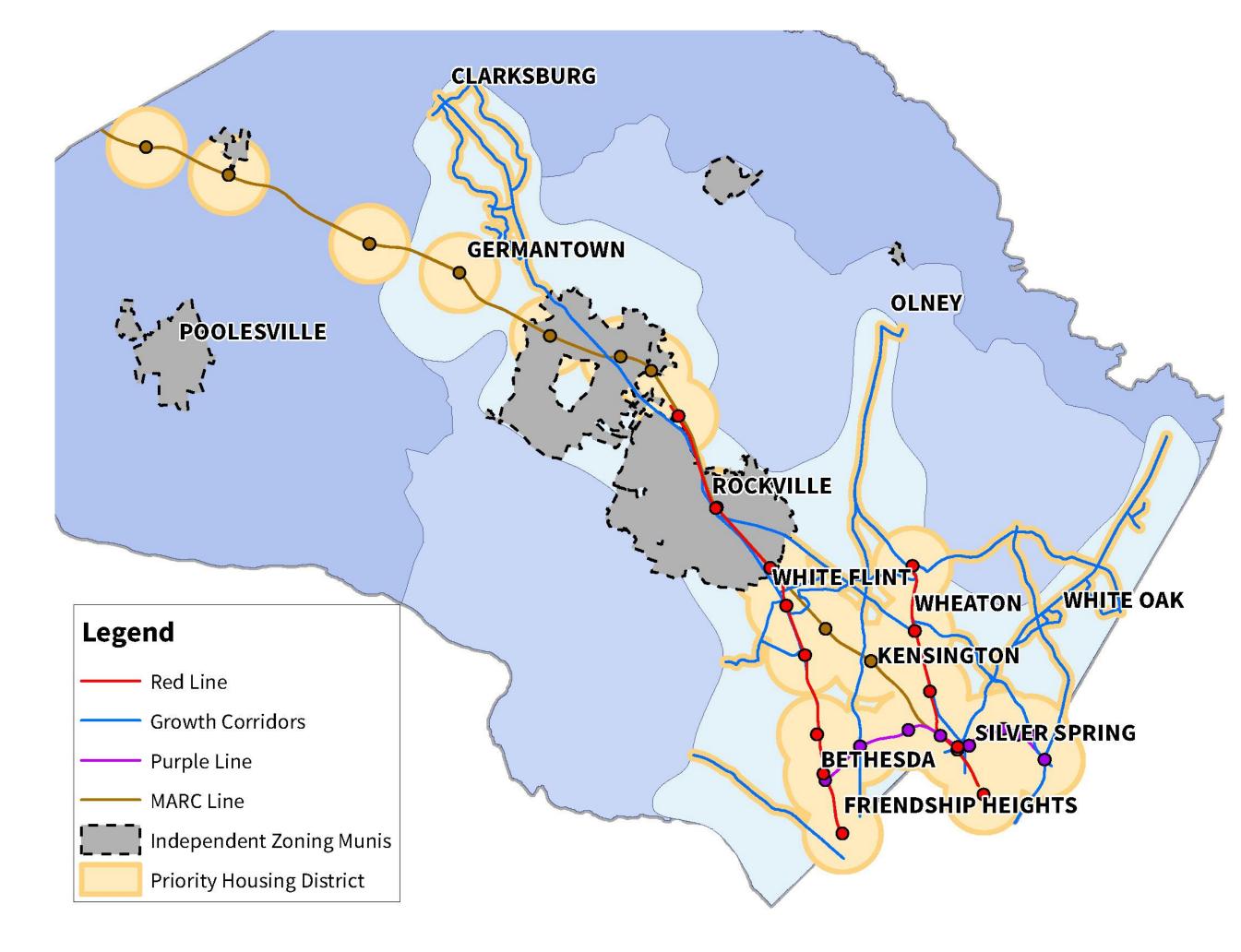


Priority Housing District

The Priority Housing District is defined as within a straight-line buffer of 1-mile from Red Line, Purple Line, and MARC rail stations, plus 500 feet from a Thrive Montgomery 2050 Growth Corridor.

- Allow quadplexes
- Reduce parking to 0.5 spaces/dwelling

Map of PHD



Attainable Housing Strategies Webmap



Recommendations - What and Where

Recommendations:

- Create a Priority Housing District for areas within 1 mile of a Red Line, Purple Line, and MARC rail stations, plus 500 feet from a Thrive Montgomery 2050 Growth Corridor
- Allow Duplexes anywhere in the R-200, R-90, R-60 and R-40 zones.
- Allow Multiplexes (triplexes) anywhere in the R-90, R-60 and R-40 zones.
- Allow Multiplexes (quadplex) within the priority housing district in the R-90 and R-60 zones.

PHD = Priority Housing District

Existing types of Household Living, under Section 59-3.3.1

- **Single-Unit Living** one dwelling unit contained in a detached house building type.
- Two-Unit Living two dwelling units contained in a duplex building type.
- **Townhouse Living** three or more dwelling units in a townhouse building type.
- Multi-Unit Living dwelling units in an apartment or multi-use building type.

Recommendation to modify Townhouse Living and Multi-Unit Living to be consistent with the new building types.

- **Townhouse Living** three five or more dwelling units in a townhouse building type.
- Multi-Unit Living dwelling units in an multiplex, apartment or multi-use building type.

Recommendation: Modify the definitions of Townhouse Living and Multi-Unit Living as described above.

Modify the Use Table to:

- Add multi-unit living as a limited use in the R-90, R-60 and R-40 zones.
- No changes needed to two-unit living (duplexes already allowed as a limited use through optional methods).

Recommendation: Add multi-unit living as a limited use in the R-90, R-60, and R-40 zones, and keep two-unit living as a limited use in the R-200, R-90, R-60, and R-40 zones.

Modify the standards for Two-Unit Living

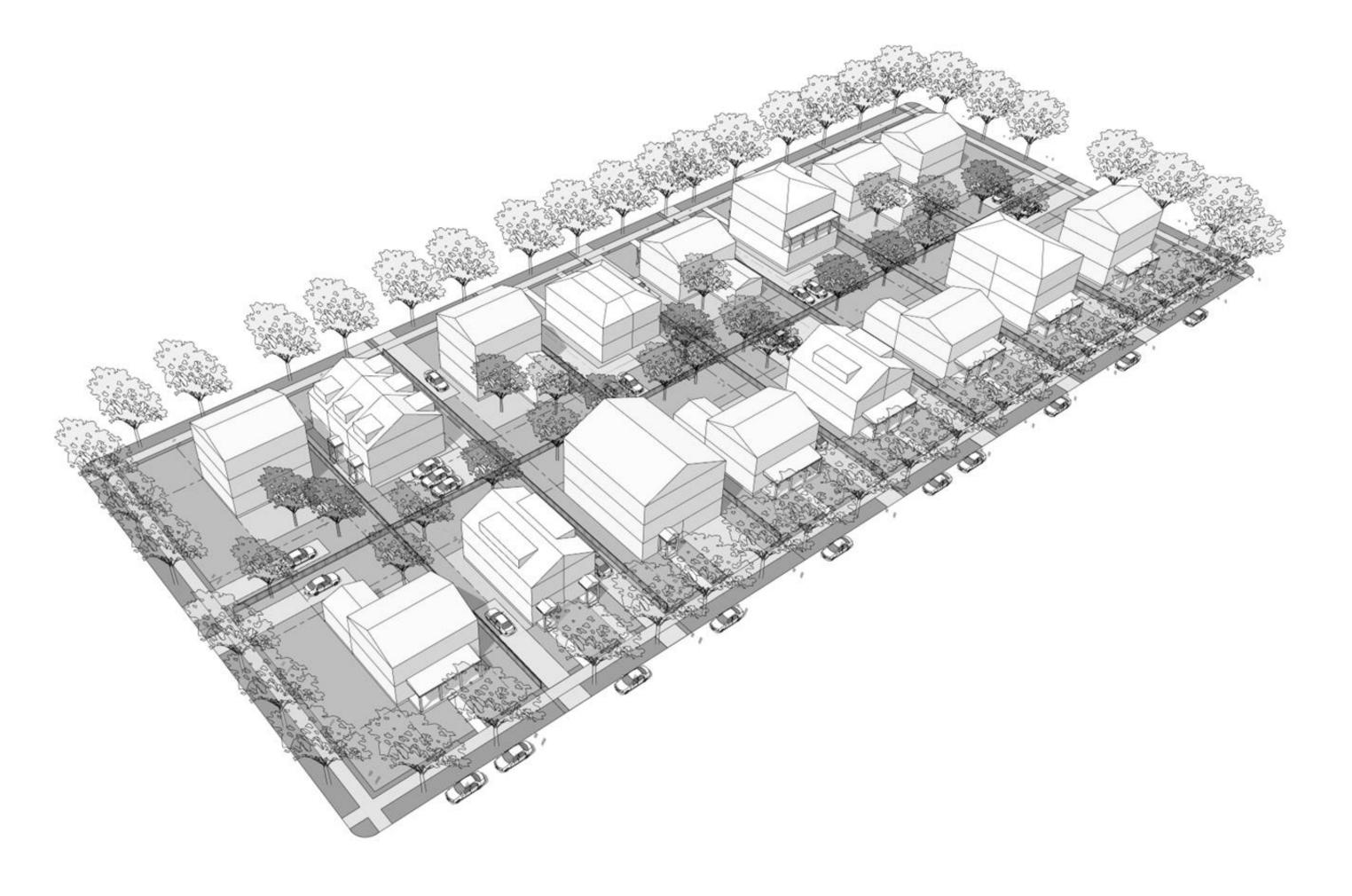
Where allowed as a limited use, require conformance with the Pattern Book for construction in the standard method.

Modify the standards for Multi-Unit Living

- Where allowed as a limited use, require conformance with the Pattern Book for construction in the standard method.
- In the R-90, R-60 and R-40 zones:
 - If outside the PHD, allow as up to a three unit multiplex.
 - If inside the PHD, allow as up to a four unit multiplex.

Recommendations: Modify the limited use standards to include:

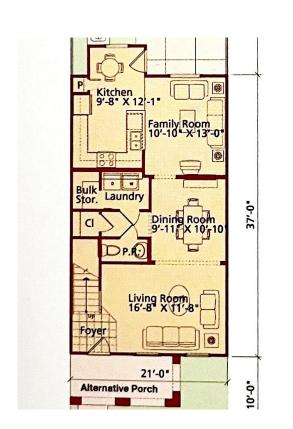
- Two-Unit and Multi-Unit living standard method to conform to a pattern book.
- Multi-Unit living outside the PHD as a three unit multiplex, and inside the PHD as a four unit multiplex.





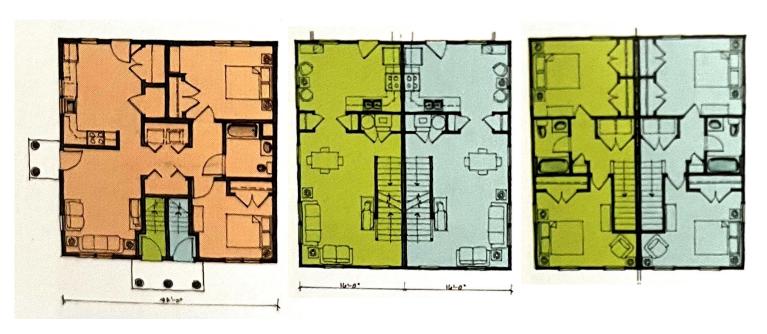
Assumptions: Market Responsive Layouts & Sizes











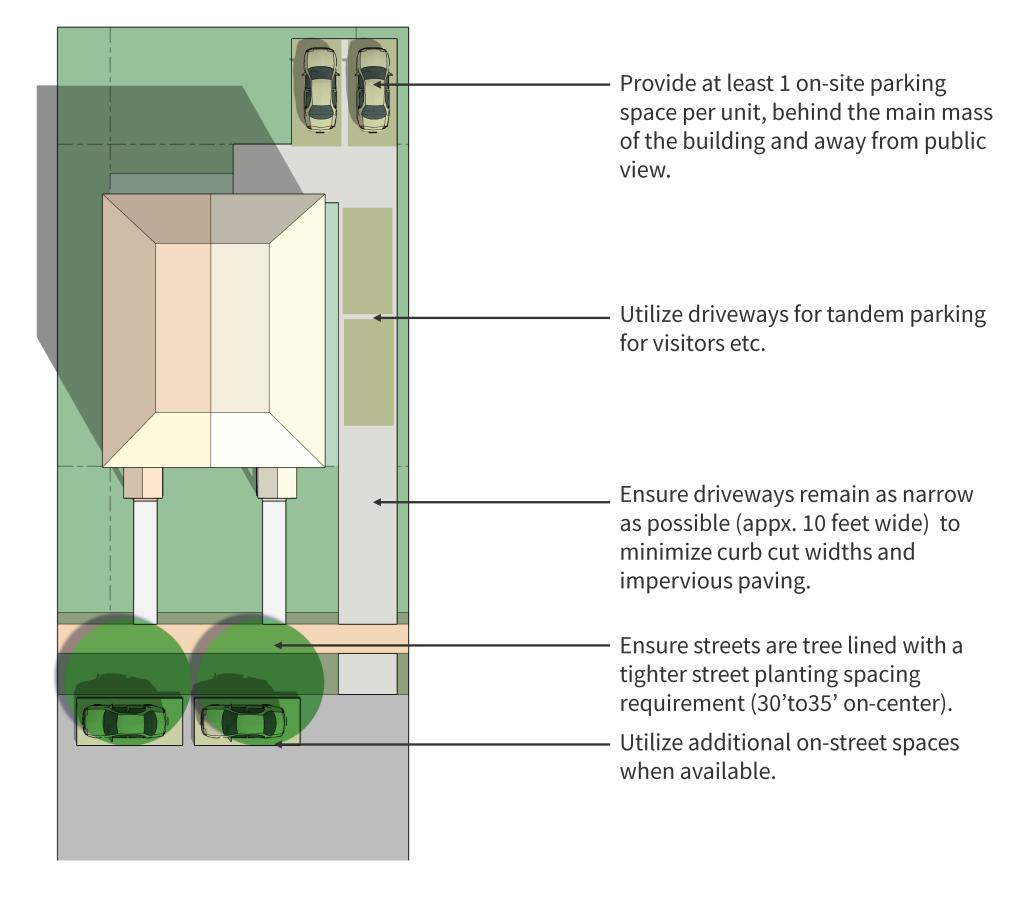


Triplex Types

Quadplex Types



Parking Assumptions and Related Issues to Address



Existing R-60 Zoning

R-60 Zone, Standard Method Development Standards

Lot area: 6,000 sf

Lot width at front building line: 60'

Maximum lot coverage: 35%

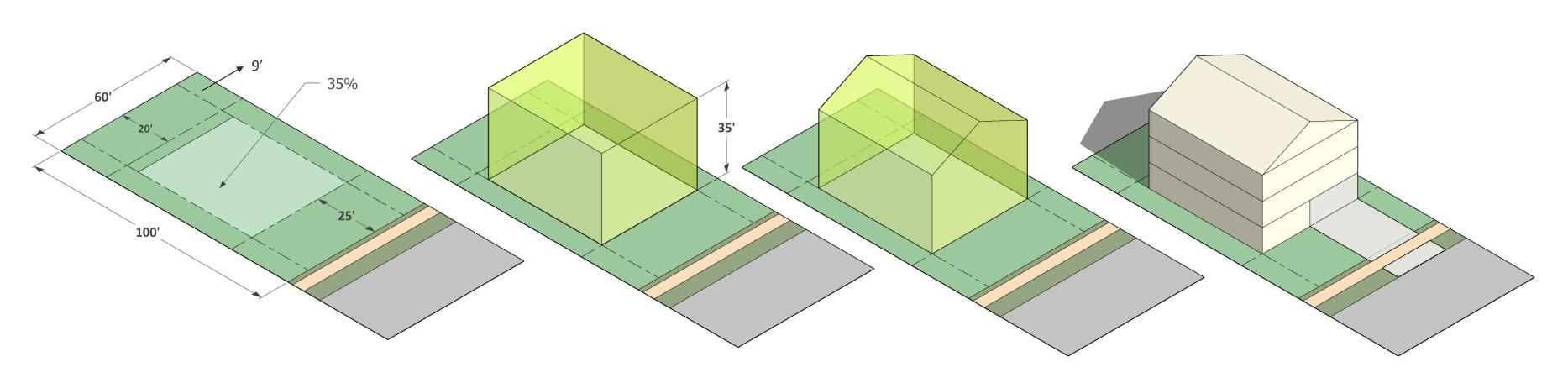
Front setback: 25'

Sum of side setbacks: 18'

Rear setback: 20'

Parking: 2 spaces on site per unit

Unit size shown: Appx. 6,000 sf including a 2-car garage



Setbacks

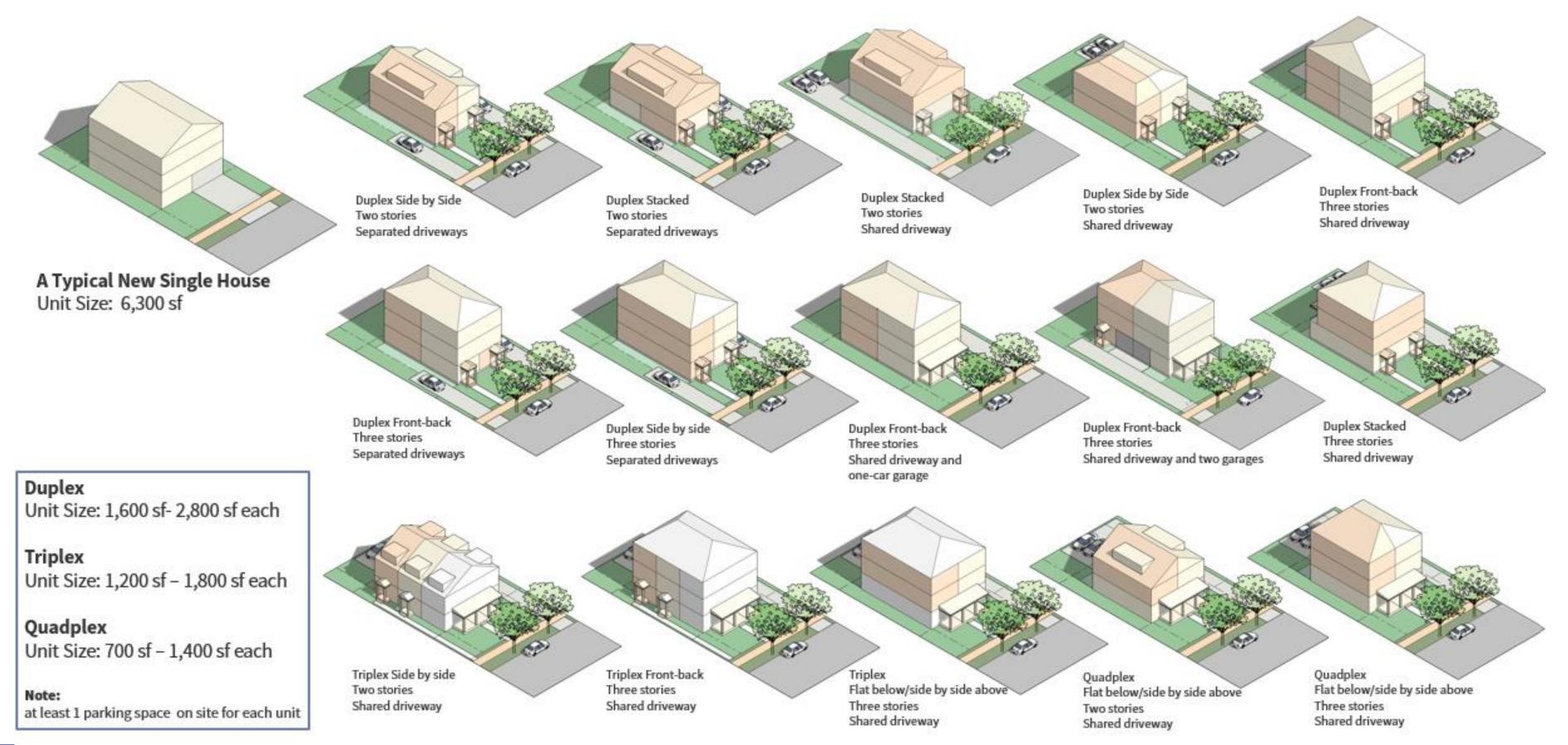
Maximum Height: 35⁹

Building Envelope

A Typical New Single-Family House



R-60: Potential Attainable Housing Unit Types





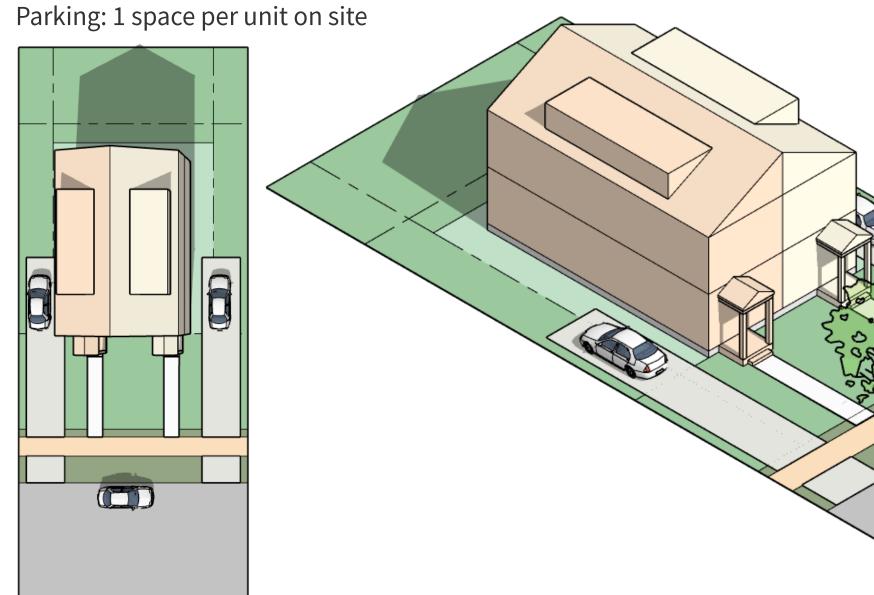
R-60 AHS Duplex Prototype

Duplex Side by side Two Stories Separated driveways

Lot area: 6,000 sf

Building Footprint: 1,350 sf

Lot Coverage: 22.5% Unit Size: 1,680 sf each







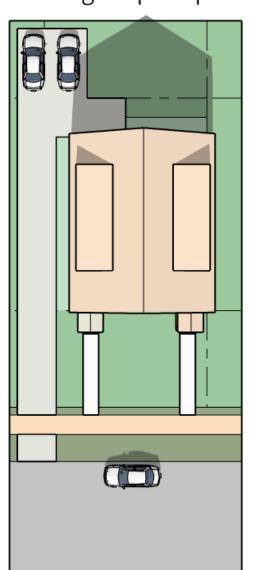
R-60 AHS Duplex Prototype

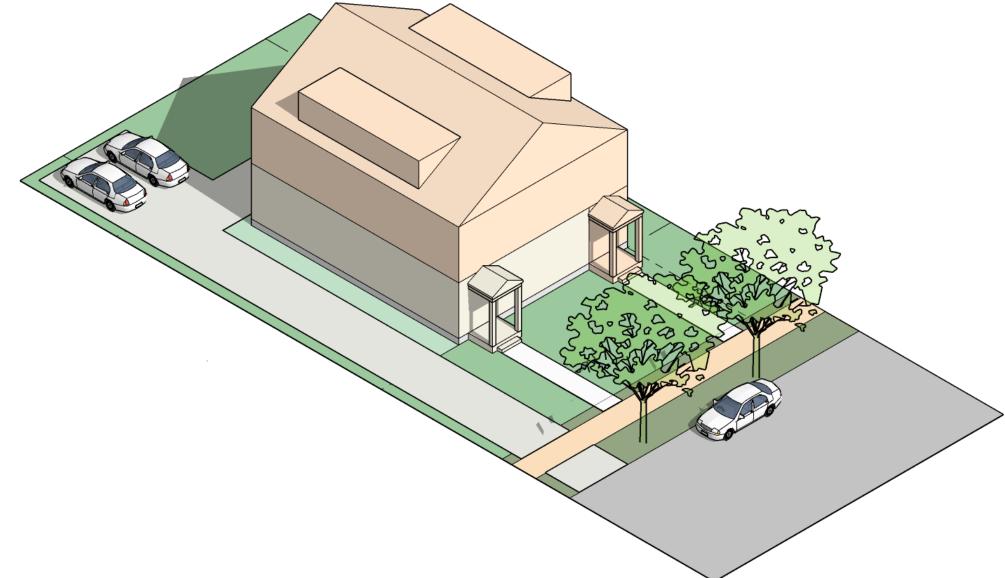
Duplex Stacked Two stories Shared driveway

Lot Size: 6,000 sf

Building Footprint: 1,505 sf

Lot Coverage: 25% Unit Size: 1,505 sf each







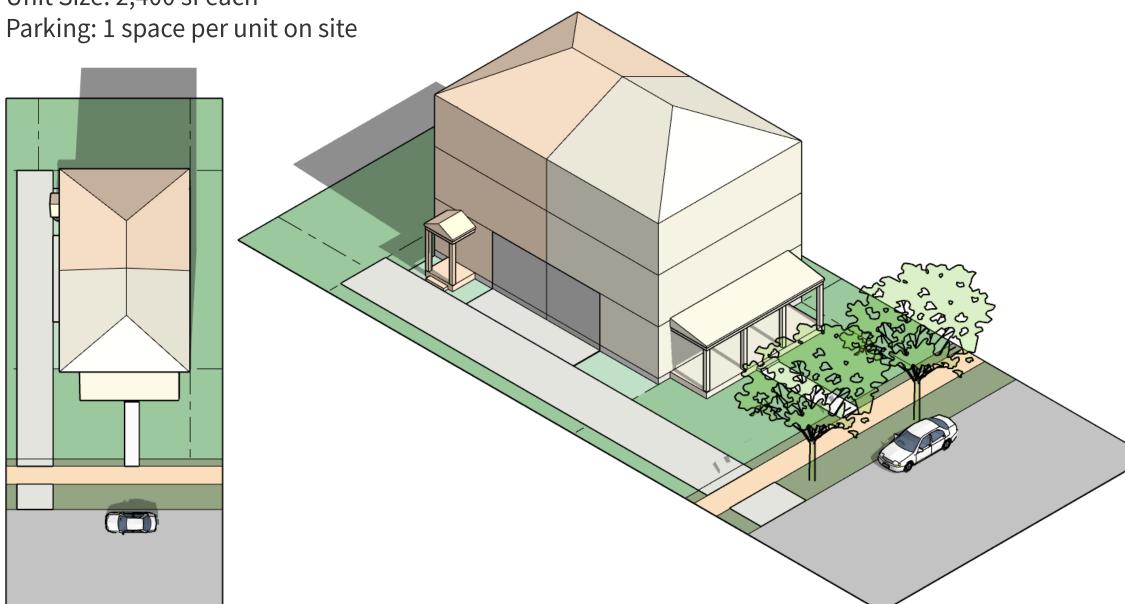
R-60 AHS Duplex Prototype

Duplex Front-back Three stories Integrated parking garages

Lot Size: 6,000 sf

Building Footprint: 1,350 sf

Lot Coverage: 26.7% Unit Size: 2,400 sf each







R-60 AHS Triplex Prototype

Triplex Side by side Two stories Shared driveway

Lot Size: 6,000 sf

Building Footprint: 1,776 sf

Lot Coverage: 29.6 % Unit Size: 1,519 sf each







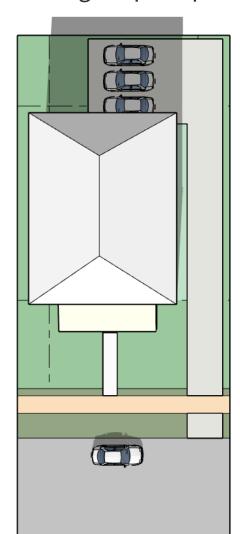
R-60 AHS Triplex Prototype

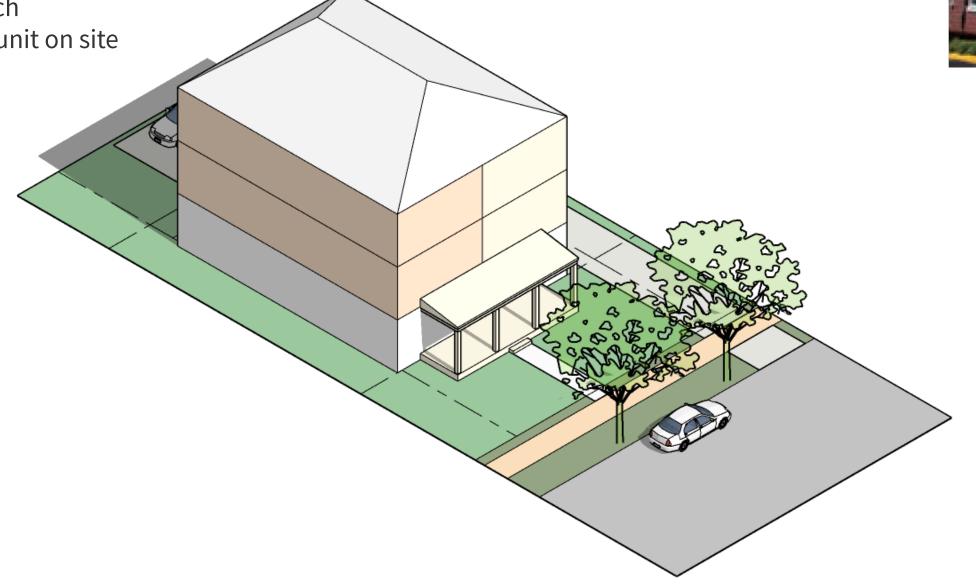
Triplex Flat below/side by side above **Three stories Shared driveway**

Lot Size: 6,000 sf

Building Footprint: 1,776 sf

Lot Coverage: 29.6 % Unit Size: 1,776 sf each Parking: 1 space per unit on site









R-60 AHS Quadplex Prototype

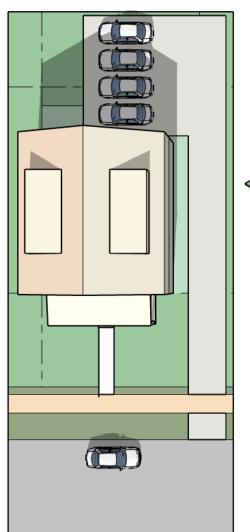
Quadplex **Two stories Shared driveway**

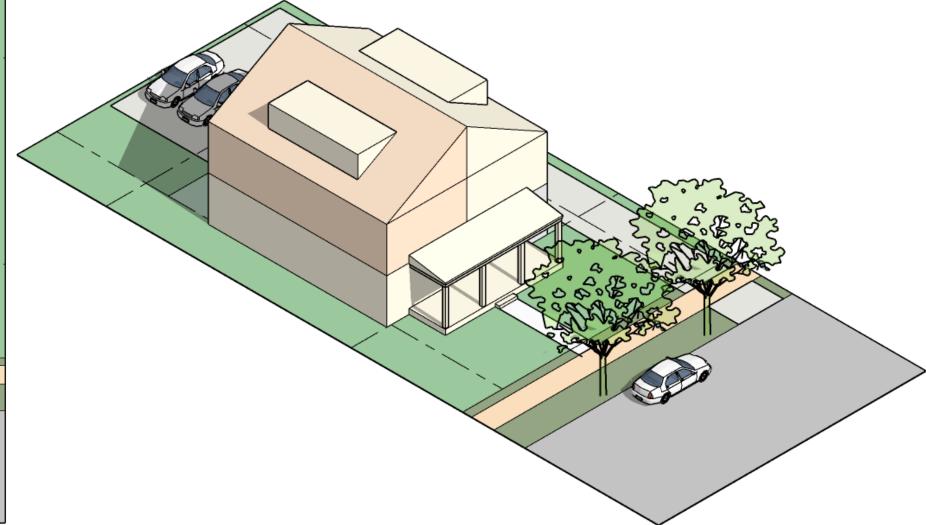
Lot Size: 6,000 sf

Building Footprint: 1,776 sf

Lot Coverage: 29.6 %

Unit Size: 720 sf/ 1,010 sf each Parking: 1 space per unit on site











Existing R-90 Zoning

R-90 Zone, Standard Method Development Standards

Lot area: 9,000 sf

Lot width at front building line: 75'

Maximum lot coverage: 30%

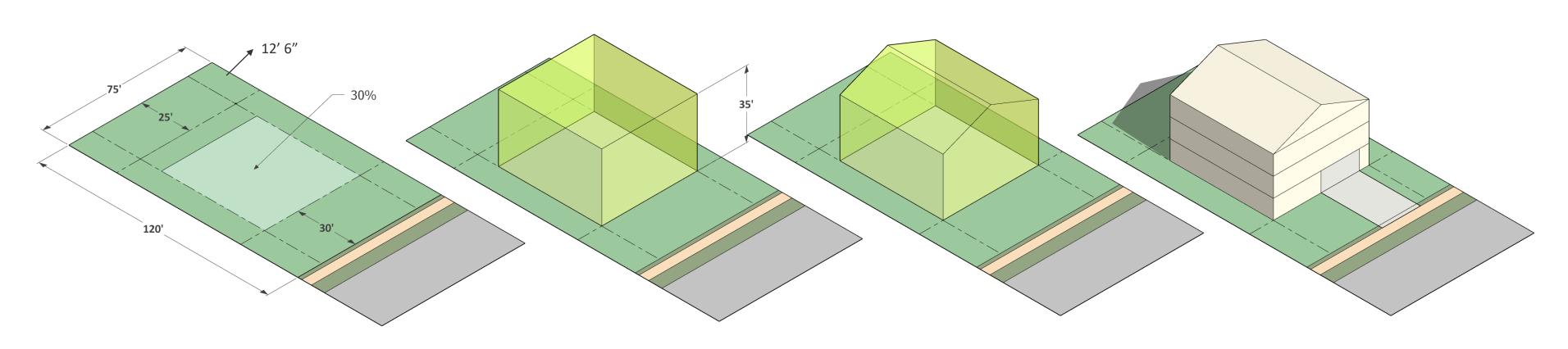
Front setback: 30'

Sum of side setbacks: 25'

Rear setback: 25'

Parking: 2 spaces on site per unit

Unit size shown: Appx. 8,000 sq including a 2-car garage



Setbacks

Maximum Height: 35⁹

Building Envelope

A Typical New Single-Family House



R-90: AHS unit options Duplex Stacked Duplex Side by Side Duplex Side by Side Duplex Duplex Stacked Side by Side Three stories Three stories Three stories Two stories Two stories Separated driveways & parking garages Separated driveways Separated driveways Shared driveway Separated driveways A Typical New Single-Family House Unit Size: 8,000 sf Duplex Triplex Triplex Side by Side Duplex Flat below/side by side above Side by side Side by Side Flat below/side by side above Three stories Three stories Three stories Three stories Three stories Two parking garages on site Three parking garages on site Shared driveway Shared driveway Shared driveway **Duplex** Unit Size: 2,500 sf- 3,600 sf each Triplex Unit Size: 1,600 sf - 2,400 sf each Quadplex Unit Size: 1,200 sf - 2,400 sf each Triplex Quadplex Quadplex Front Back Flat below/side by side above Flat below/side by side above Three stories Two stories Three stories Shared driveway Shared driveway at least 1 parking space on site for each unit Shared driveway

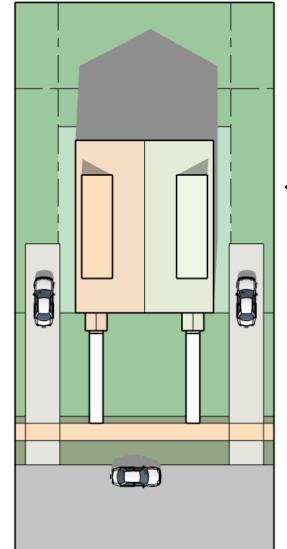
R-90 AHS Duplex Prototype

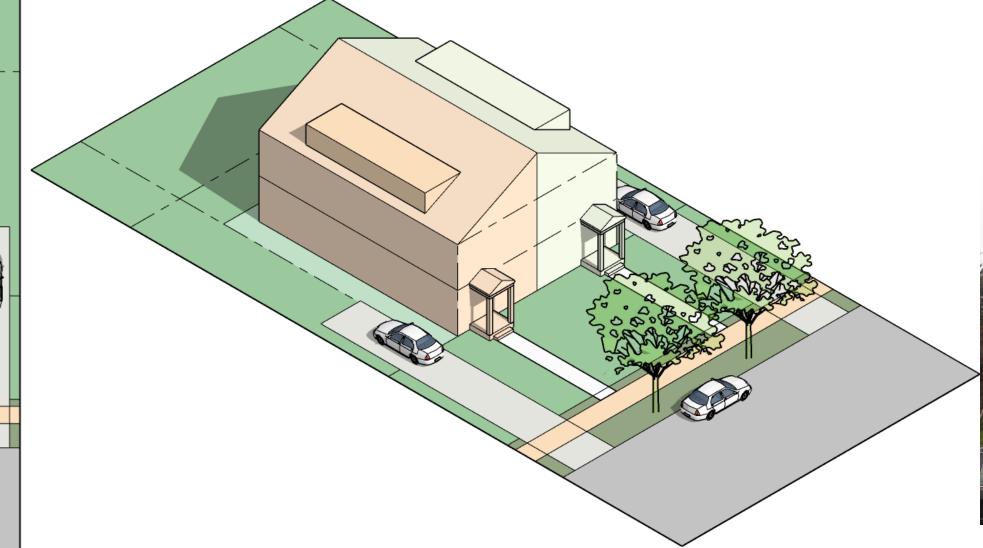
Duplex Side by side Two Stories Separated driveways

Lot area: 9,000 sf

Building Footprint: 2,000 sf

Lot Coverage: 22.2% Unit Size: 2,390 sf each









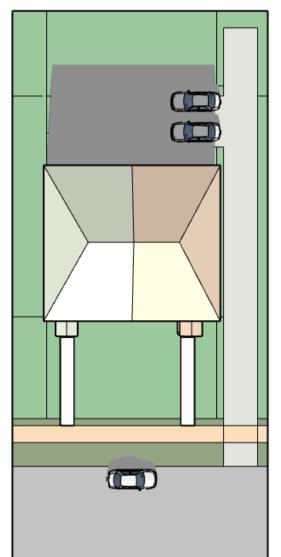
R-90 AHS Duplex Prototype

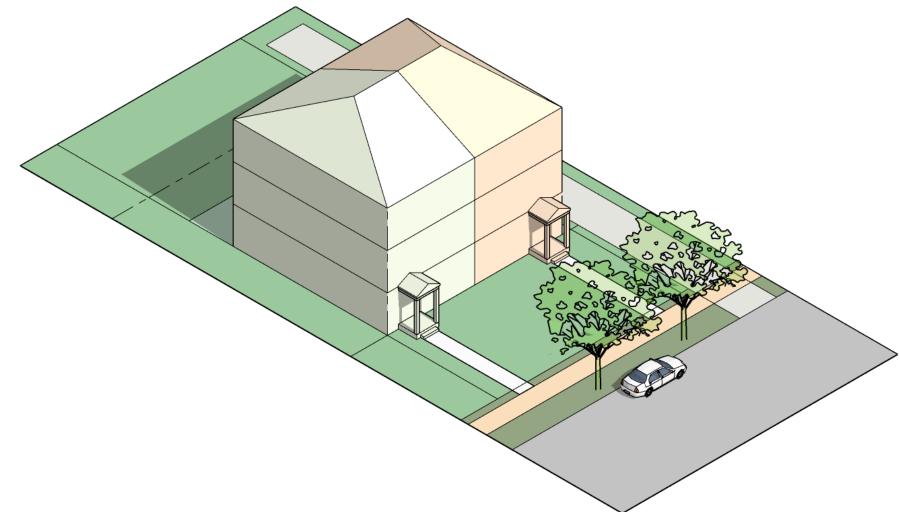
Duplex Side by side Three Stories Shared driveway

Lot area: 9,000 sf

Building Footprint: 2,016 sf

Lot Coverage: 22.4% Unit Size: 3,024 sf each









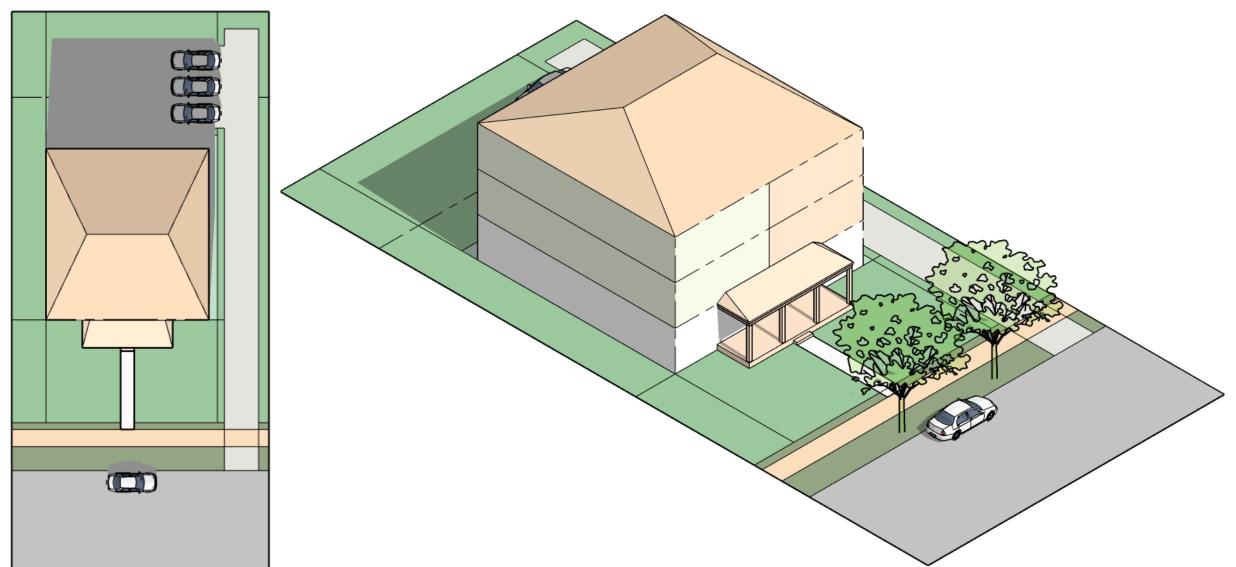
R-90 AHS Triplex Prototype

Triplex Flat below/side by side above Three Stories Shared driveway

Lot area: 9,000 sf

Building Footprint: 2,400 sf

Lot Coverage: 26.7% Unit Size: 3,600 sf each







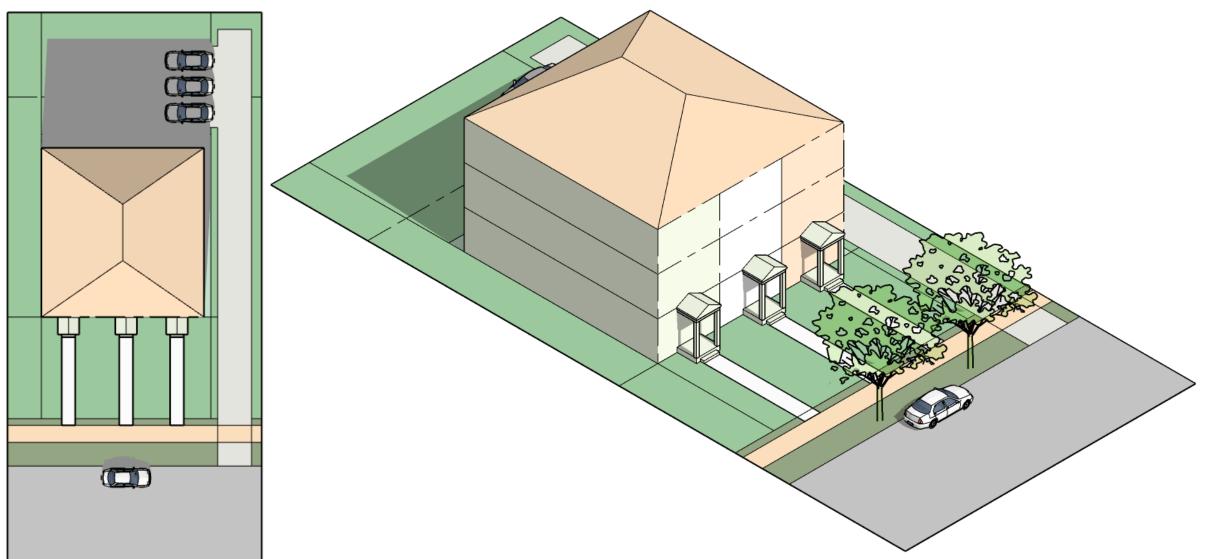
R-90 AHS Triplex Prototype

Triplex Side by side Three Stories Shared driveway

Lot area: 9,000 sf

Building Footprint: 2,400 sf

Lot Coverage: 26.7% Unit Size: 2,400 sf each







R-90 AHS Quadplex Prototype

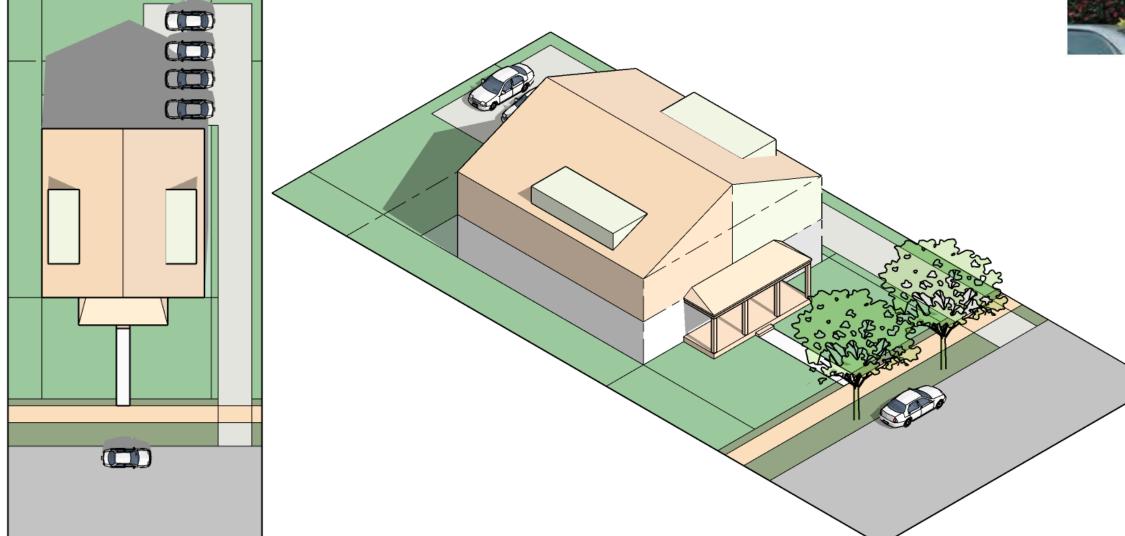
Quadplex Side by side Two Stories Shared driveway

Lot area: 9,000 sf

Building Footprint: 2,400 sf

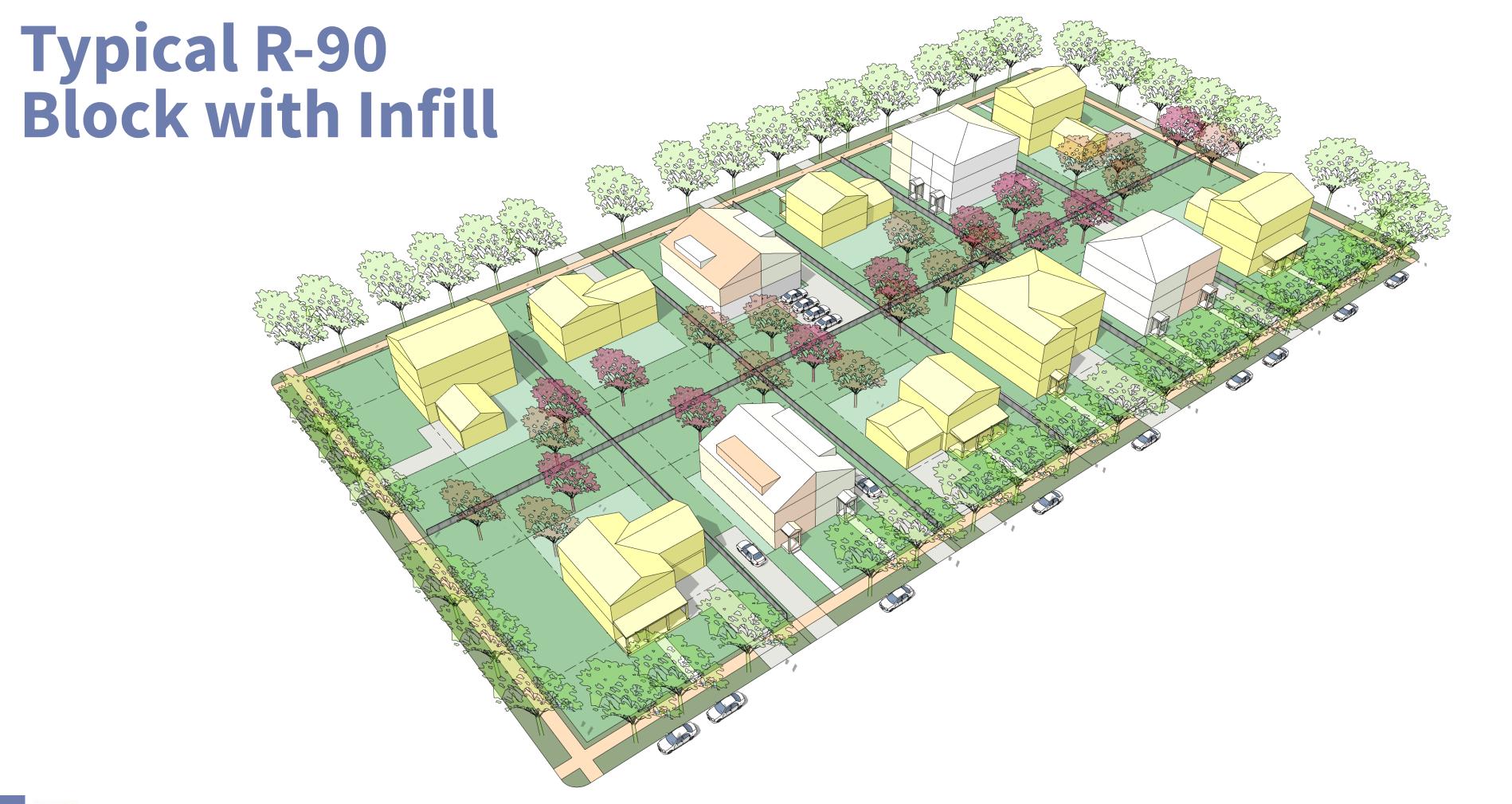
Lot Coverage: 26.7%

Unit Size: 1,200 sf /2,168 sf each Parking: 1 space per unit on site









Existing R-200 Zoning

R-200 Zone, Standard Method Development Standards

Lot area: 20,000 sf

Lot width at front building line: 100'

Maximum lot coverage: 25%

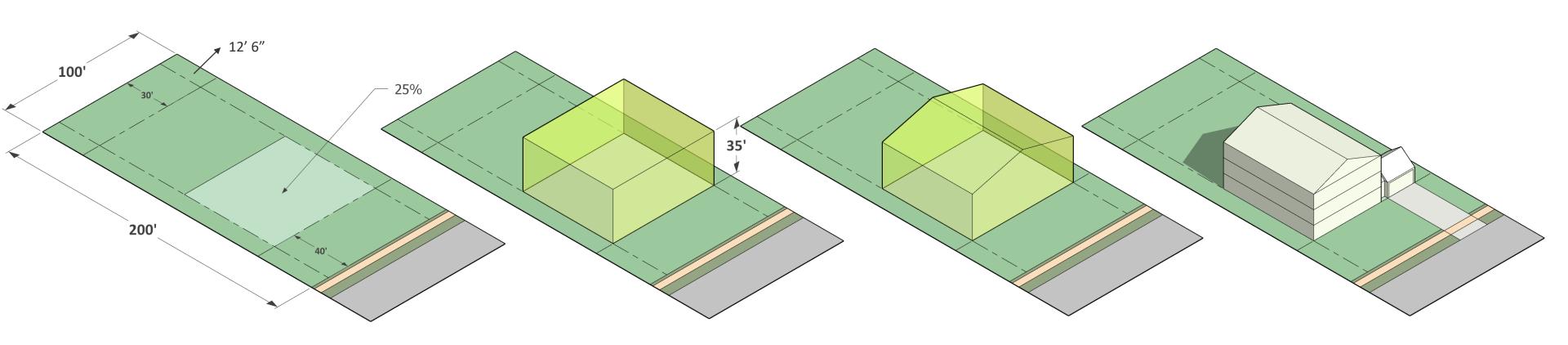
Front setback: 40'

Sum of side setbacks: 25'

Rear setback: 30'

Parking: 2 spaces on site per unit

Unit size shown: Appx. 10,000 sf including a 2-car garage



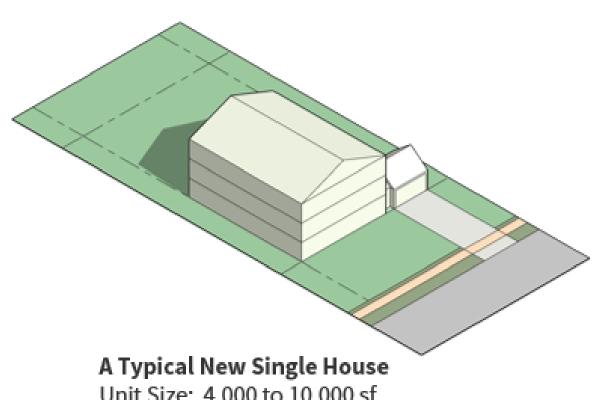
Setbacks

Maximum Height: 35⁹

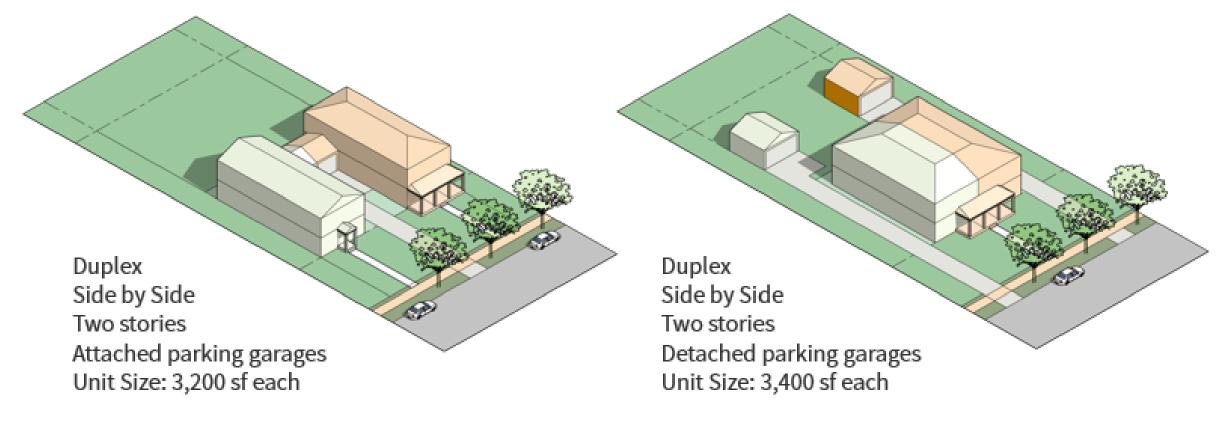
Building Envelope

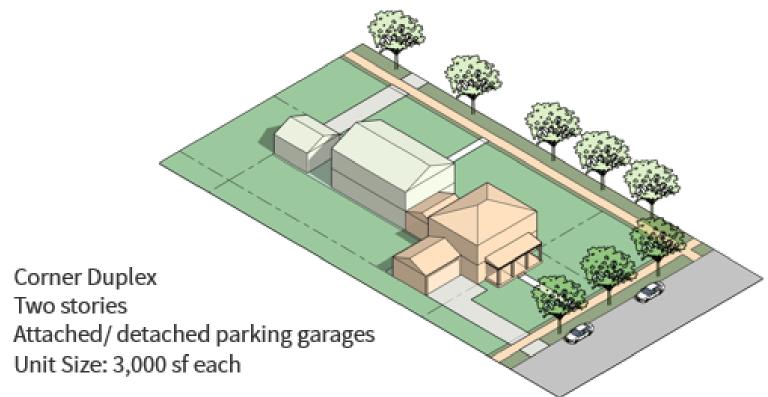
A Typical New Single-Family House

R-200: AHS unit options



Unit Size: 4,000 to 10,000 sf





R-200 AHS Duplex Prototype

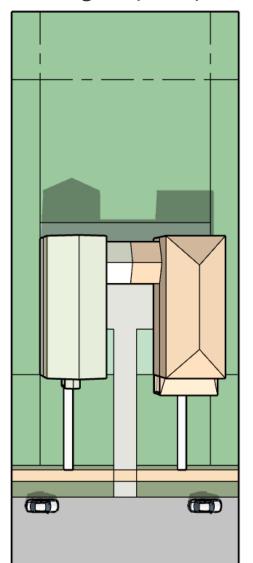
Duplex Side by side Two Stories Attached parking garages

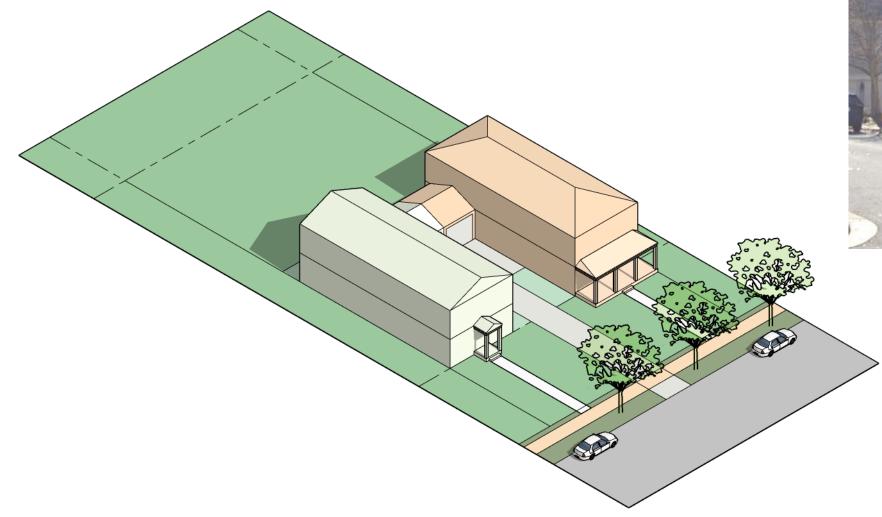
Lot area: 20,000 sf

Building Footprint: 3,450 sf

Lot Coverage: 17.25% Unit Size: 3,225 sf each

Parking: 1 space per unit on site







R-200 AHS Duplex Prototype

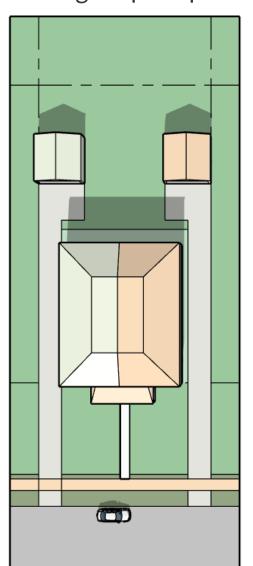
Duplex Side by side Two Stories Detached parking garages

Lot area: 20,000 sf

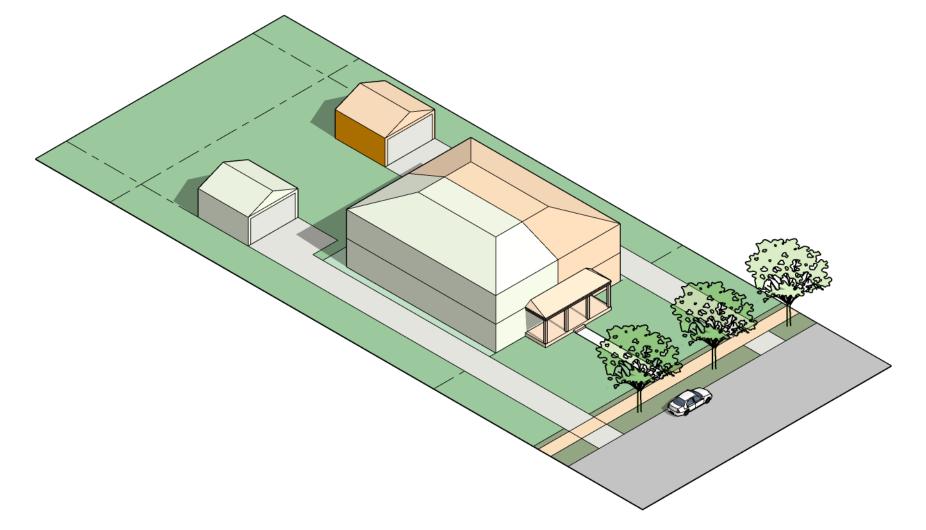
Building Footprint: 3,800 sf

Lot Coverage: 19% Unit Size: 3,400 sf each

Parking: 1 space per unit on site



Attainable Housing Strategies







R-200 AHS Duplex Prototype

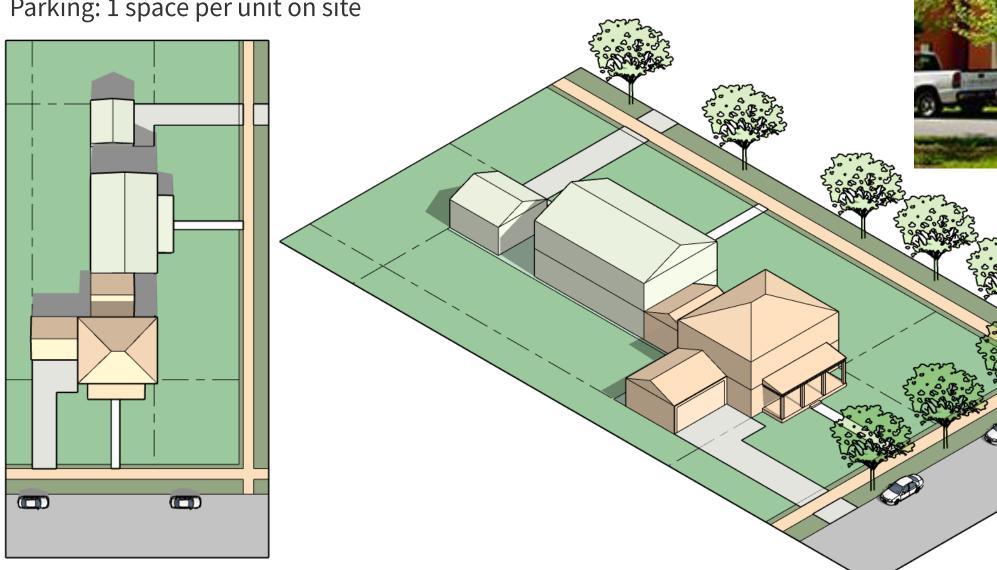
Corner lot Duplex Side by side Two Stories Detached & Attached parking garages

Corner Lot area: 22,000 sf Building Footprint: 4,275 sf

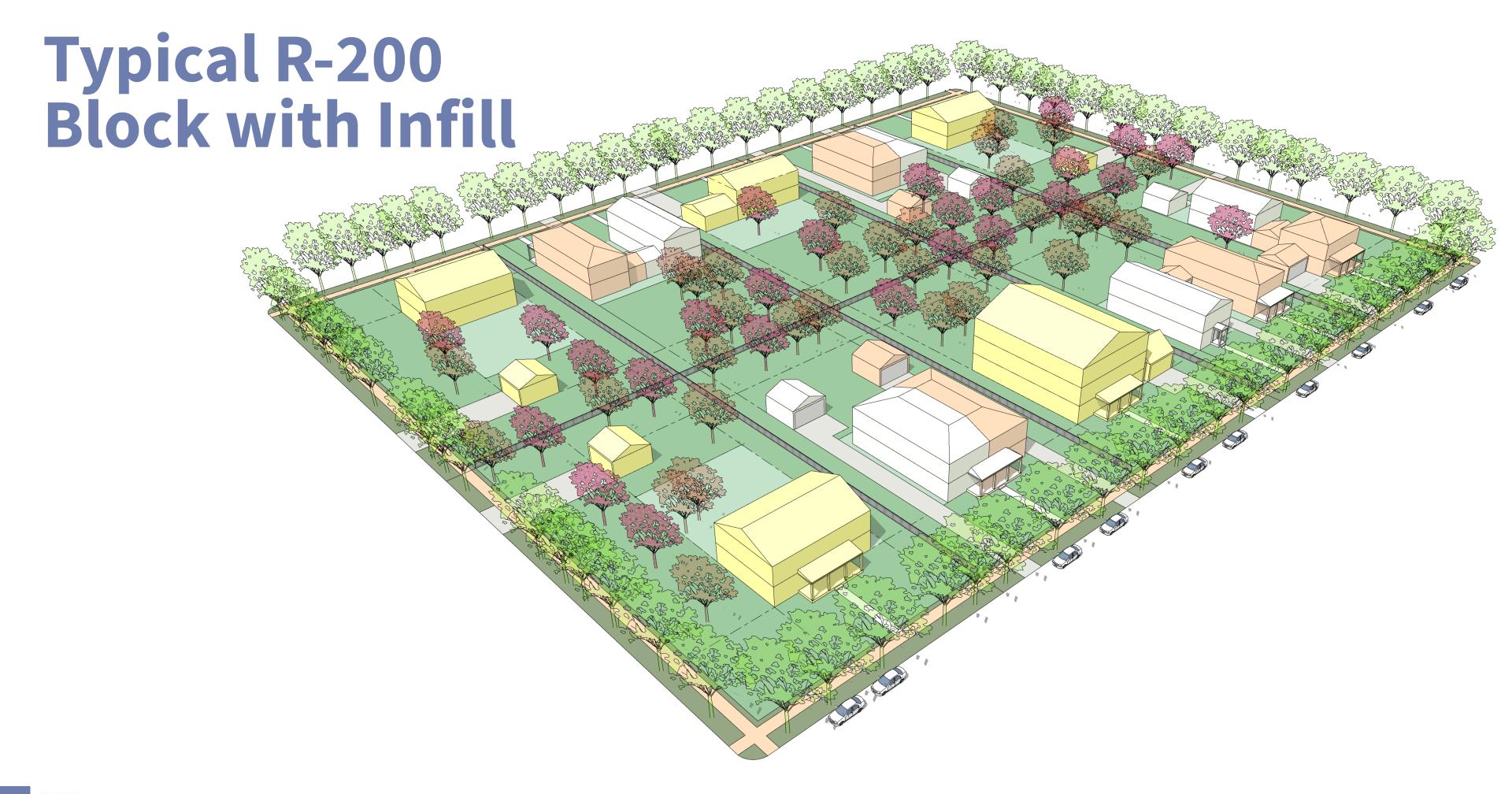
Lot Coverage: 19.5%

Unit Size: 2,990 sf, 3,100 sf

Parking: 1 space per unit on site







Existing R-40 Zoning

R-40 Zone, Standard Method Development Standards

Lot area: 4,000 sf

Lot width at front building line: 40'

Maximum lot coverage: 40%

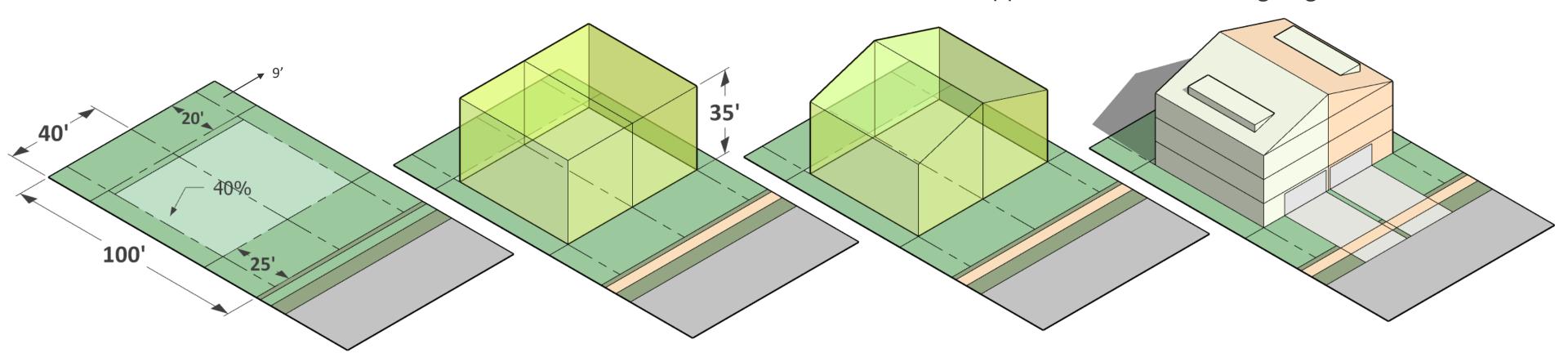
Front setback: 25'

Sum of side setbacks: 25'

Rear setback: 20'

Parking: 2 spaces on site per unit

Unit size shown: Appx. 4,000 sf and a 2-car garage for each unit



Setbacks

Maximum Height: 35⁹

Building Envelope

A Typical New Duplex

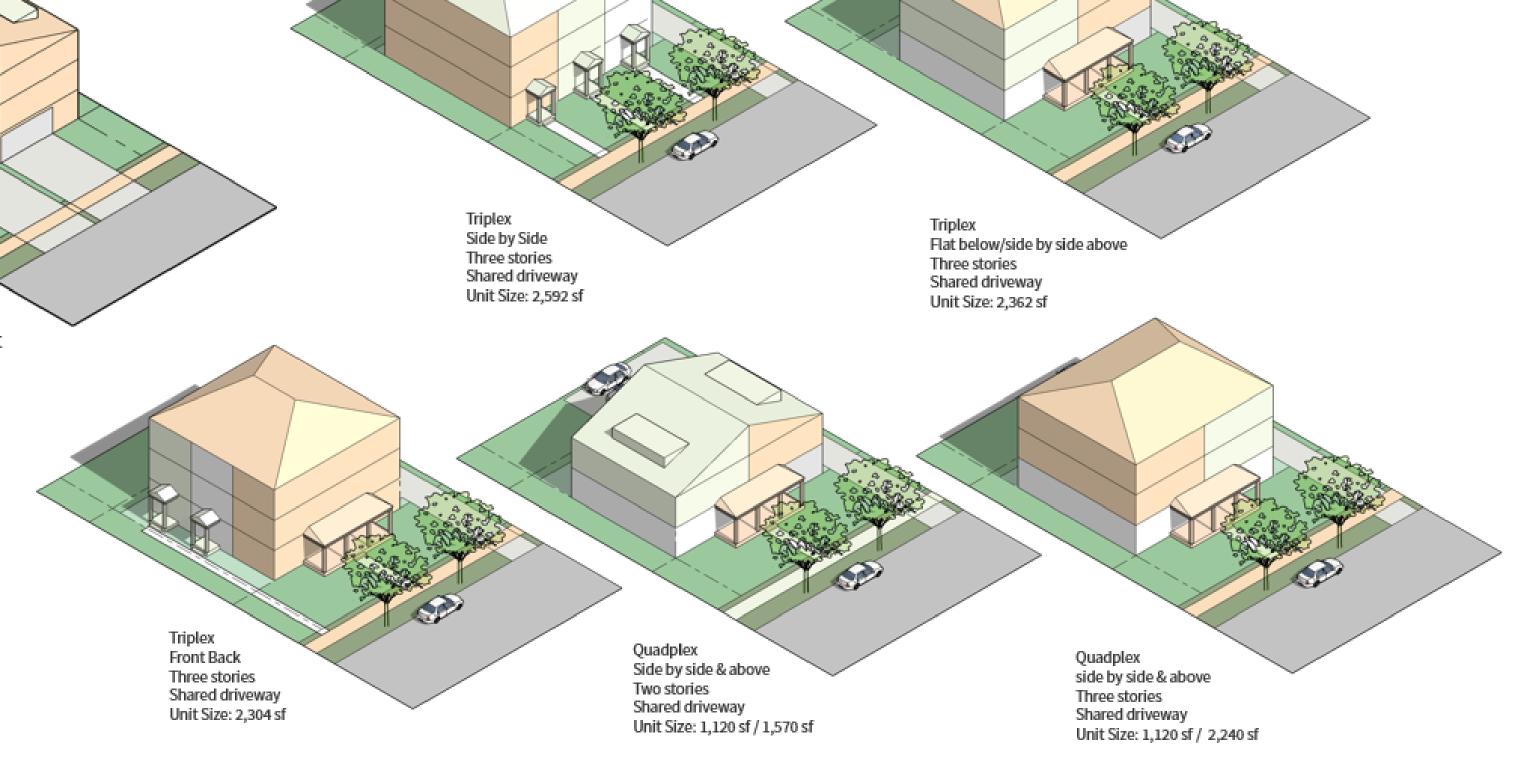
R-40: AHS unit options Triplex Triplex Side by Side Flat below/side by side above Three stories Three stories Shared driveway Shared driveway Unit Size: 2,592 sf Unit Size: 2,362 sf A Typical New Duplex Unit Size: 4,000 sf for each unit Unit Size: 1,192 sf - 2,592 sf each Unit Size: 1,200 sf - 2,304 sf each

Triplex

Quadplex

Note:

at least 1 parking space on site for each unit



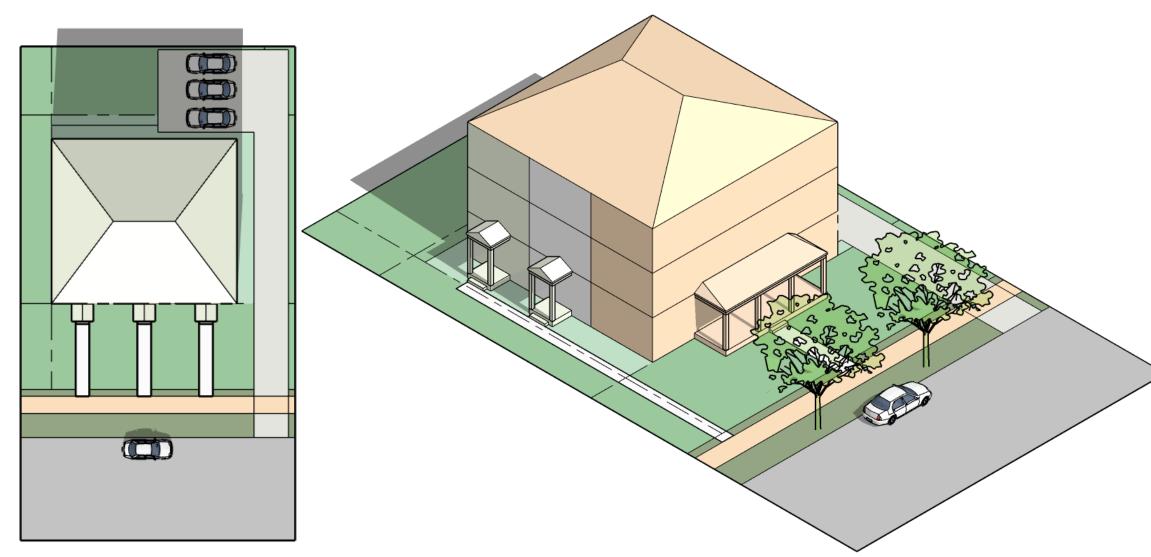
R-40 AHS Triplex Prototype

Triplex Front back Three Stories Shared driveway

Lot area: 8,000 sf for two lots Building Footprint: 2,304 sf

Lot Coverage: 28.8% Unit Size: 2,304 sf each

Parking: 1 space per unit on site







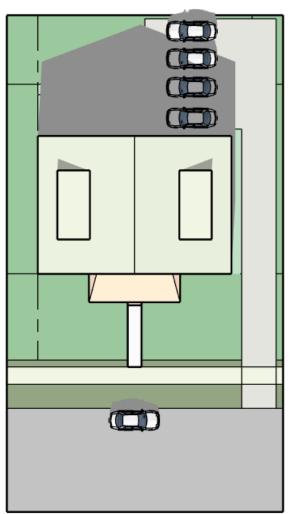
R-40 AHS Quadplex Prototype

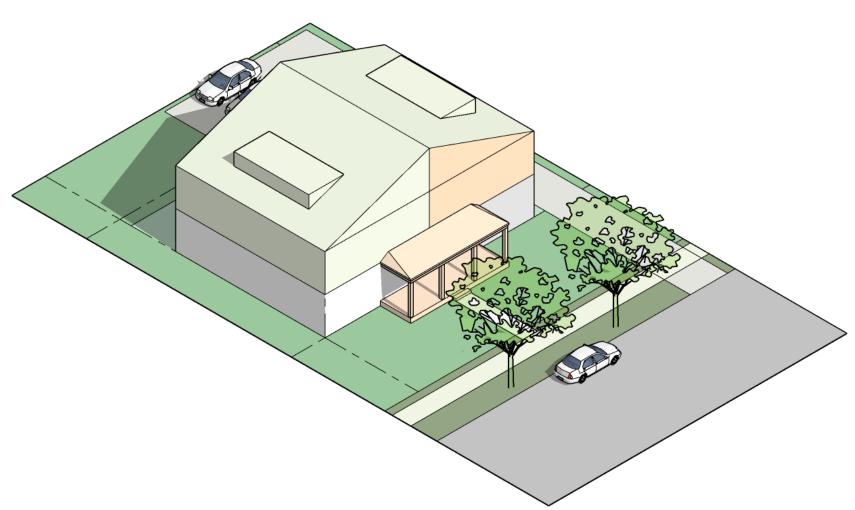
Quadplex Side by side Two Stories Shared driveway

Lot area: 8,000 sf for two lots Building Footprint: 2,240 sf

Lot Coverage: 28%

Unit Size: 1,120 sf / 1,570 sf Parking: 1 space per unit on site



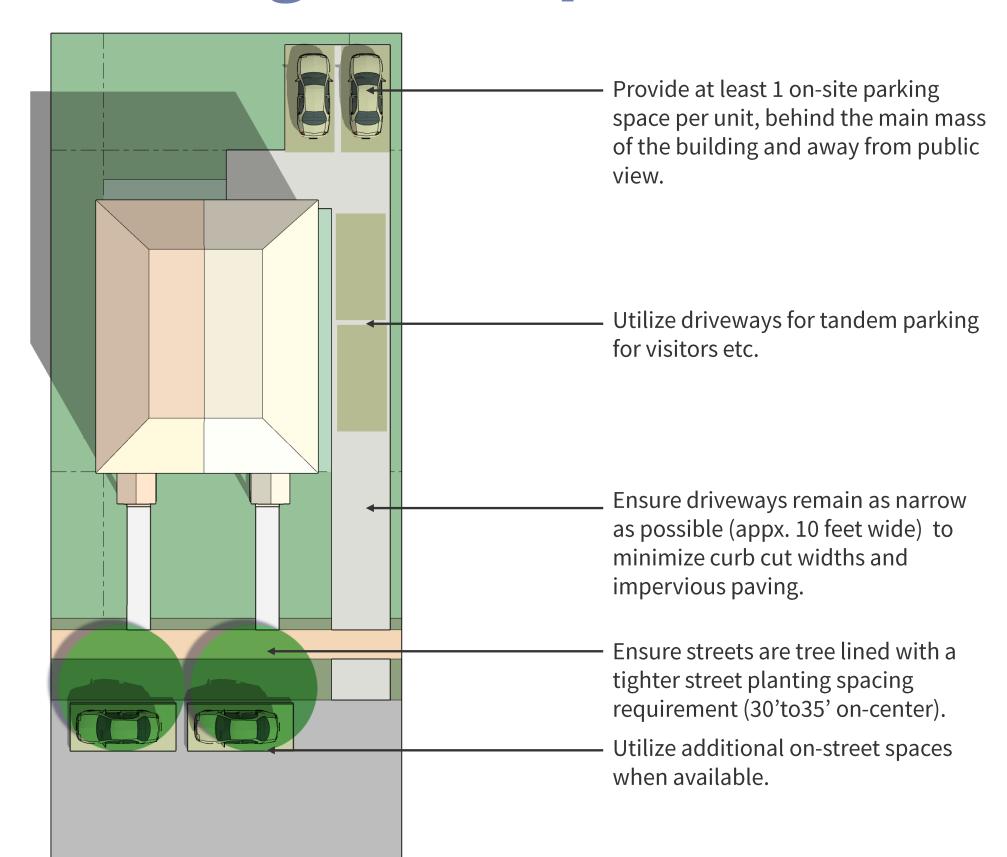


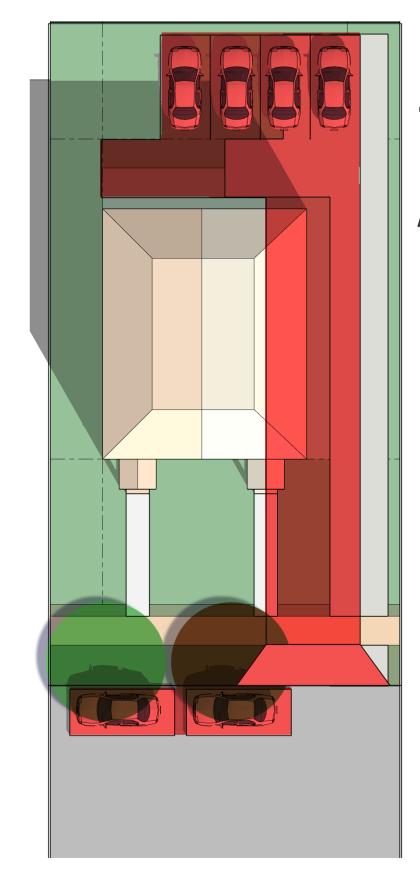






Parking Assumptions and Related Issues to Address



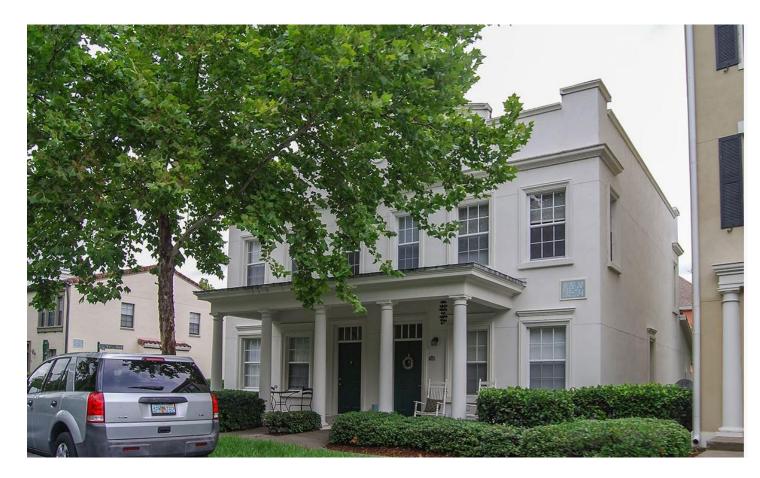


ISSUES BEYOND ZONING THAT NEED TO BE ADDRESSED:

- On-site parking requirements
- Driveway widths
- Curb return radii and design
- Tree spacing & sight distance standards
- Addressing and Emergency Access

Pattern Book Desired Outcomes

- Lay out a clear path for getting building permits
- One-stop resource for <u>all</u> requirements for building attainable housing within each zone
- Easy to use tool to review permit applications
- Facilitate production of housing that adds value to neighborhoods









Pattern Book Goals

AVOID







- Unsafe walking and rolling conditions due to unnecessary curb cuts.
- Excessive asphalt for parking and driveways, contributing to heat island effect and flooding.
- Unattractive buildings with complicated massing and expensive building details.
- Lack of porches, stoops, and front yards suitable for social interaction.

ENSURE



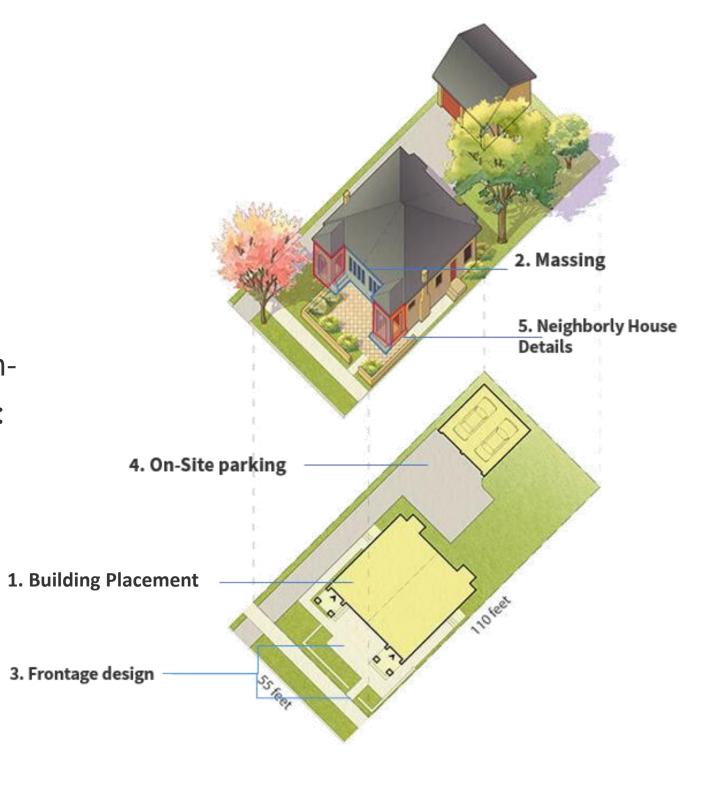




- Safe and attractive residential streets with trees, landscaping and sidewalks.
- Adequate parking that does not negatively impact safe walking, rolling, and transit access.
- Simple buildings that look good and are economical to build.
- Porches, stoops, and front yards that encourage social interaction in a Complete Community setting.

Pattern Book Elements

- The Pattern Book shall apply to the following types of new developments:
 - Duplexes in the R-40, R-60, R-90, and R-200 zones.
 - Triplexes in the R-40, R-60, and R-90 zones.
 - Quadplexes in the R-40, R-60, and R-90 zones within the Priority Housing Districts.
- The pattern book shall provide clear and objective guidance for five formbased standards for the development of house-scale attainable housing:
 - **Building Placement**
 - Massing
 - Frontage Design
 - On-Site Parking Layout
 - Neighborly House Details



Pattern Book

- Require new construction or major reconstruction of small-scale attainable housing types to conform to elements of a pattern book.
 - New construction is defined as a new structure, the demolition and reconstruction of more than 50% the floor area of an existing structure, or the addition of more than 50% the floor area of a structure.
- Coordinate with DPS on the creation and implementation of a pattern book.

Standards - Buildings

The standard method of development standards table would need to be modified to add columns for Duplex and Multiplex building types.

Detached House or a Building for a Cultural		
Institution, Religious Assembly, Public Use,	<u>Duplex</u>	<u>Multiplex</u>
or a Conditional Use allowed in the zone		

Recommendation: Add standards columns for Duplex and Multiplex building types.

Standards - Building Site and Lot

The focus of the residential detached zones needs to shift away from lot based requirements, and instead focus on building sites.

- Duplex and Multiplex buildings may be on one, or over multiple lots.
- Width at front building line, and setbacks should be based on the building placement in relation to the 'building site' which would be the lot(s) associated with any one building.
- Lot standards would remain for lot width at front lot line, and requirements of frontage.

Building Site vs Lot

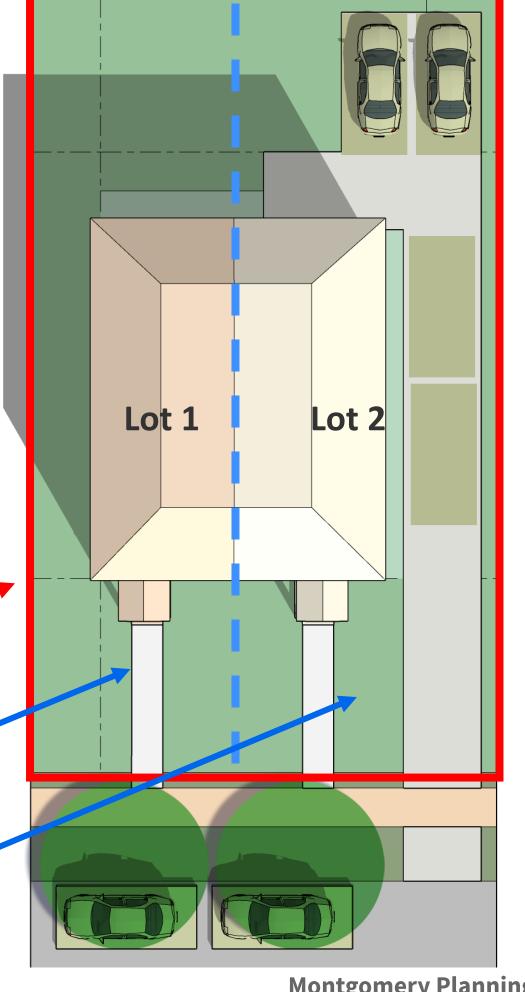
Current standard (R-60) is for one 6,000SF Lot.

Proposed standard (R-60) is for one 6,000SF Building Site, that may contain one or more smaller Lots.

6,000SF Building Site

2,500SF Lot 1

3,500SF Lot 2



Building Site vs Lot

Current standard (R-60) is for one 6,000SF Lot.

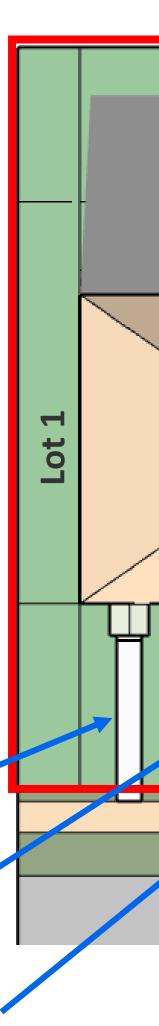
Proposed standard (R-60) is for one 6,000SF Building Site, that may contain one or more smaller Lots.

6,000SF Building Site

2,000SF Lot 1

1,700SF Lot 2

2,300SF Lot 3



Standards - Building Site and Lot

Planning Staff no longer recommend a maximum site area.

- Intent was to discourage lot consolidation, or excessive speculative buying of properties in the interior of neighborhoods.
 - Data analysis from 2021 suggests the actual market for small scale types is relatively small.
 - House-scale standards would remain in place (height, coverage, setbacks).
 - Would unduly restrict new subdivisions from implementing attainable housing types.

Standards - Building Site and Lot

	Detached House or a Building for a Cultural Institution, Religious Assembly, Public Use, or a Conditional Use allowed in the zone	<u>Multiplex</u>
1. Lot and Density Building Site and Lot		
<u>Site</u>		
Building Site Area (Min)		
Site Area (Max)		
Building Site width at front building		
<u>line</u>		
Lot (min)		
Lot area per unit		
Lot width at front building line		
Lot width at front lot line		
Frontage on street or open space		

- Rename section 1 Building Site and Lot.
- Shift lot area to Building Site Area, Lot width at front building line to Building Site width at front building line.
- Eliminate the Site Area maximum.



Standards - Density and Coverage

The Draft AHS report recommends removing the density standard.

- Impractical to quantify density as units per acre when including optional duplexes or multiplexes.
- Maintaining Building Site Area minimums, and development standards acts as a proxy density based on buildings per acre.

Planning Staff recommends removing lot coverage and relying on Building Site coverage.

- Similar context as Building Site to measure minimum area, and width at building lines.
- Draft AHS report supported retaining lot for detached house, but Planning Staff suggests simplifying the recommendation to fully use Building Site.

- Remove the density standard
- Shift the coverage standards from Lot to Building Site

Specification for Building Site and Lot

Specifications in the standards table serve as footnotes that may modify some of the above requirements. The draft AHS report proposed two, but Planning Staff recommends modifying one and deleting the other.

- Support the policy guidance to ensure existing platted properties that do not meet the minimum Building Site area are exempt from that requirement and removing references to minimum lot area.
- No longer need the specification expressing minimum lot area as an average, with the recommended deletion of minimum lot area.

- Support the policy guidance protecting existing platted undersized lots.
- Remove the specification for lot area average.

Standards – Placement, Height, Form, Agriculture

The Draft AHS report recommends retaining the remaining development standards from the Placement, Height, Form, and Agriculture sections of the development standards tables.

- Planning Staff recommend ensuring any standards under placement (setbacks) that reference a lot, reference a lot <u>or a Building Site</u> for clarity and consistency with other sections of the standards tables.
- These standards (along with coverage) are the critical standards for maintaining 'house scale' duplex and multiplex development.
- Planning Staff believe, as demonstrated earlier, these standards are not major impediments in implementing small scale housing and contribute to neighborhood character.

- Retain the standards for Placement, Height, Form, and Agriculture.
- Ensure any placement standard related to lot, include "or a Building Site".

Parking

Minimum parking requirements are an impediment for fully realizing small scale attainable housing.

- Requiring 2 on-site spaces per dwelling is space consuming
- Concerns over adequate street parking is a primary concern raised by the community

Parking

AHS recommends parking reductions, based on location and availability of street parking.

 Generally greater parking reductions closer to transit (inside PHD) and where street parking is available.

		Yes Street		
Zone	No Street Parking,	Parking, Outside	No Street Parking,	Yes Street Parking,
	outside PHD	PHD	Inside PHD	Inside PHD
R-200	0	50	n/a	n/a
R-90	0	50	50	75
R-60	0	50	50	75
R-40	0	50	50	75

- Reduce parking by 50% in the R-40, R-60, R-90 and R-200 zones outside the PHD where on street parking is available, and inside the PHD where on street parking is not available.
- Reduce parking by 75% in the R-40, R-60, and R-90 zones inside the PHD where on street parking is available.

Regulatory Process

New Minor Subdivision for dividing up one existing record lot into two - four lots for standard method, fee-simple development.

- Should be limited to single existing lots to minimize issues during the replatting.
- No 'limit' on how many separate minor subdivisions any individual or group could submit.
- Not suitable for adjusting the boundaries of existing lot lines.
- Similar to Ownership Plats but designed for non site planned residential projects.

Regulatory Process

New Administrative Subdivision

- New Administrative Subdivision for the creation of lots for up to 19 dwellings containing duplex or multiplex buildings under standard method or AHOM development.
 - At 20 or more dwellings, MPDUs and recreational guidelines are required.
 - Administrative Subdivisions are intended for smaller, simple projects that are less likely to be delayed with cross-agency coordination.

Regulatory Process

New Administrative Site Plan

- Modify the existing site plan requirements under Section 59-7.3.4. to allow the Planning Director to approve a site plan when site plans are required and develop 19 or fewer dwellings.
 - At 20 or more dwellings, MPDUs and recreational guidelines are required.
 - Intended to align with the new Administrative Subdivision.
 - Recommend Administrative Site Plans for a 90, rather than 120-day review period.

Correspondence Received

- Over 70 pieces of written and verbal correspondence have been received since the initiative restarted.
- Attached to the staff report is a matrix of comments received, tagged with an issue category.
- Most comments were general in nature or were focused on small scale attainable housing.
- At this time, Planning Staff is not recommending any additional changes to the recommendations unless discussed here today but would welcome any feedback from the Board.
- Many of the 'general' issues will be discussed next work session.

Next Steps

Tentative Attainable Housing Strategies Schedule (2024)			
April 11, 2024	4 Planning Board Work Session #7 – medium scale		
April 25, 2024	Planning Board Work Session #8 – small scale		
May 9 <u>16</u> , 2024	Planning Board Work Session #9 – large scale and other policies		
May 23 <u>30</u> , 2024	Planning Board Work Session #10 – wrap-up		
June 6 <u>13</u> , 2024	Planning Board Work Session #11 – wrap-up		
Summer 2024	Planning, Housing, and Parks Briefing and work sessions		
Fall 2024	ZTA(s) to implement AHS		