

# Chapel Hill Town Council

## Homestead Road Tri Pointe Townhomes

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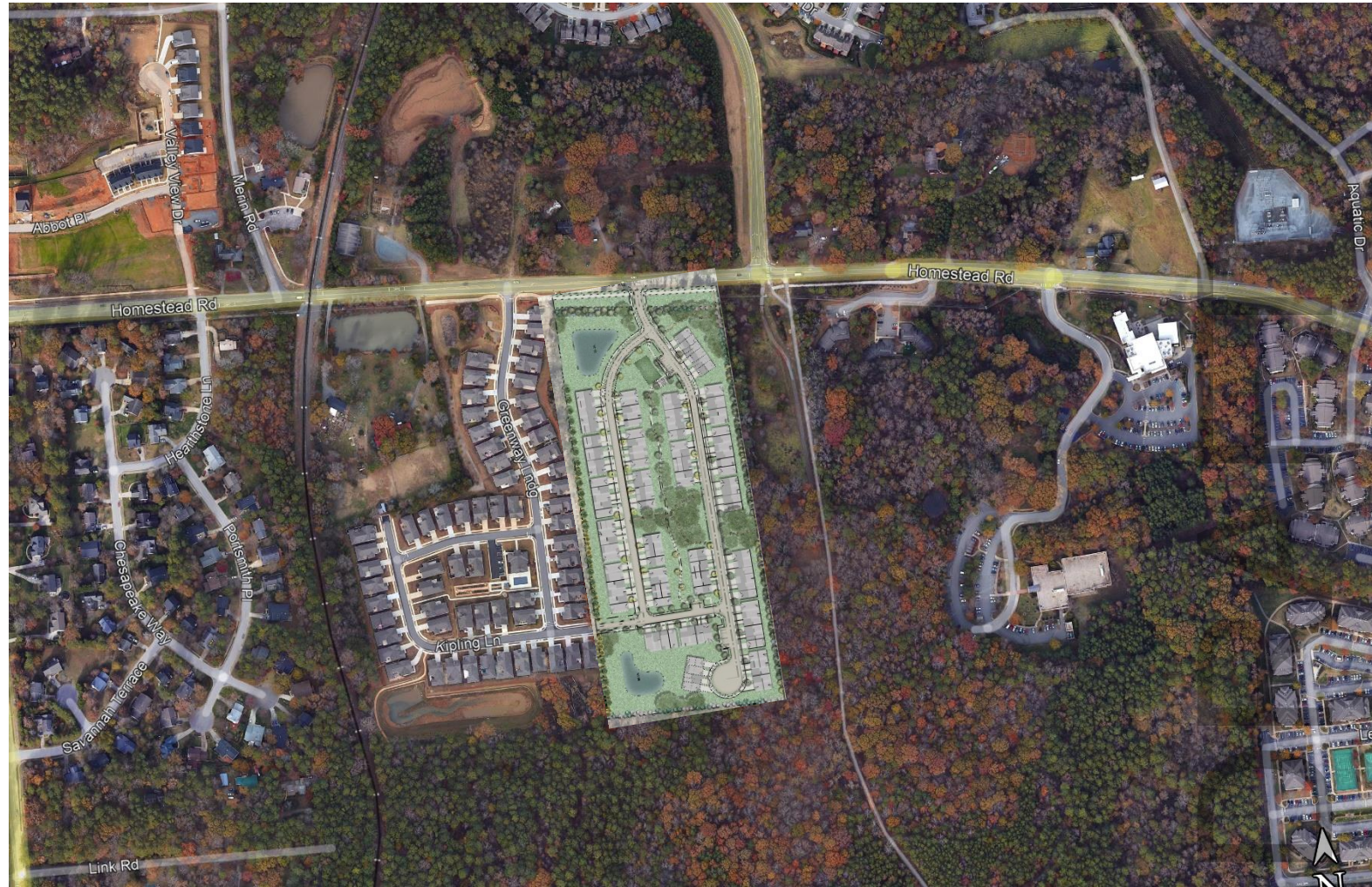
- Close to Intersection of Weaver Dairy and Homestead
- Along the Bus Route
- Close to Southern Human Services and Homestead Park and Aquatic Center
- Two sides of the property border Carolina North park area.
- Across Homestead from the future Bridgepoint townhome development



## AREA MAP



- Will have 10' wide multi-use trail along Homestead Road for pedestrian and bike access to Senior Center, High School, and Homestead Park
- Homestead is being widened at this location with an already designed and funded Town project.
- Frontage along Homestead Road will remain open with constructed wetland and existing trees.
- Access to Carolina North Park will be by trail from the eastern boundary of the site.



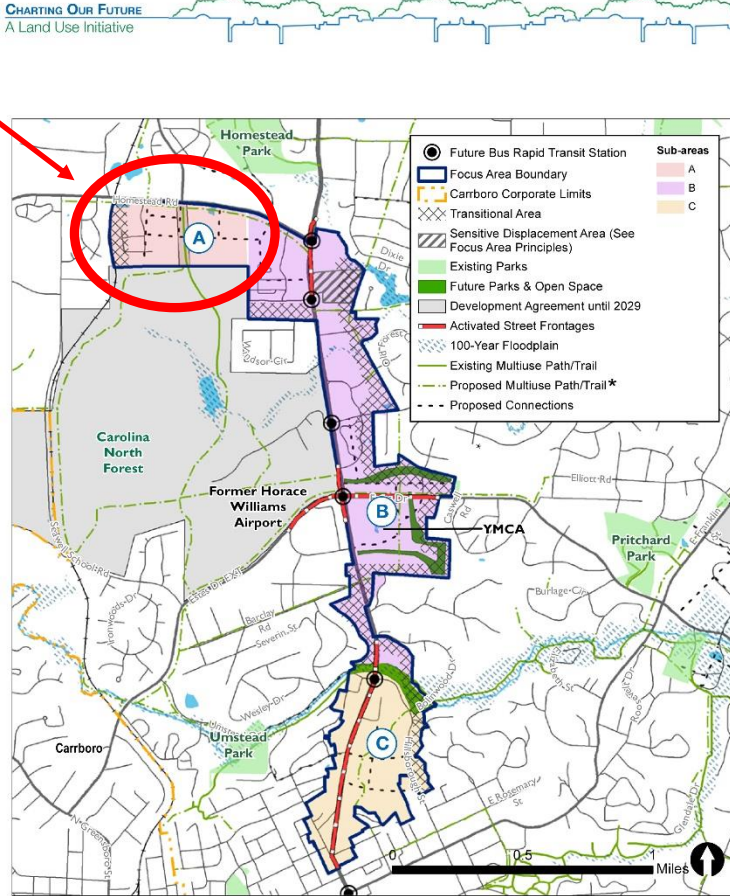
## Homestead Road



# FLUM

Sub Area A

- Area A of the FLUM for 2050: South MLK Boulevard zone.
- Townhouses and Residences indicated



\* See Mobility Plan for more information about proposed multi-modal improvements

# Townhouses

## Character Types and Height in 2050: South MLK Boulevard

	Sub-Area A	Sub-Area B	Sub-Area C
Multifamily, Shops & Offices	Secondary	Primary	Discouraged
Multifamily Residential	Primary	Primary	Discouraged
Commercial/Office	Discouraged	Secondary	Primary
Parks and Green/Gathering Spaces	Primary	Primary	Secondary
<b>Townhouses &amp; Residences</b>	<b>Primary</b>	Secondary	Secondary
Institutional/University	Primary	Secondary	Secondary
Typical Height	4-6 stories	4-6 stories	4-6 stories
Transitional Area Height	2-4 stories	2-4 stories	2-4 stories (Adjacent to lower scale residential uses, step backs or other transitional methods are necessary to ensure harmonious transitions)
Activated Street Frontage Height	N/A	6 stories	8 stories, 4 stories at the front setback line

Note: Each story is approximately 12 feet tall, but height may vary based on many factors. While suggested heights are noted above, determining the appropriate height for each site will require careful examination of the site and its surrounding context.

### Definitions

#### Activated Street Frontages

Activated street frontages are frontages where there is an active visual engagement between those in the street and those on the ground floors of buildings or in civic spaces, with no off-street parking between the street frontage and the building/civic space, and lively internal uses visible and accessible from the activated space. In some cases, active street frontages may mean that retail and services should be allowed on the first floor within residential character types.

Active frontages may also be encouraged along future connections including multi-modal ones, which includes pedestrian/bicycle facilities as well as greenways. When creating active frontages, it must be recognized that appropriate activation will differ by place and circumstance.

#### Transitional Area

This Focus Area strives for harmonious transitions between different types and intensities of land uses as well as built form to help mitigate undesirable impacts that a development might have on an adjacent site or use. The Transitional Area is intended to identify areas where lower-intensity land uses or development patterns may be appropriate between higher-intensity development and single-family neighborhoods. Appropriate transitional techniques may include landscaping, changing land uses, and altering architectural and building forms. For additional direction, see the Guiding Statements.





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# Development Program

- 118 Townhomes to be developed
  - 26'-wide units with 2 car garage, and
  - 22'-wide units with 1 car garage
- Driveway depth to support additional vehicles
- Additional Guest Parking in designated areas
- Emphasis on:
  - **Tree Preservation in designated areas**
  - **Provision of Affordable Housing**
  - **Provision of Median Income Housing**
  - **Pedestrian Experience**

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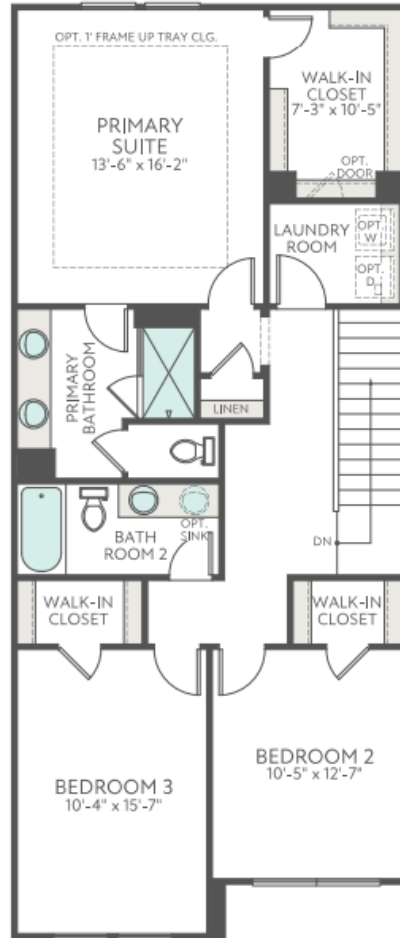
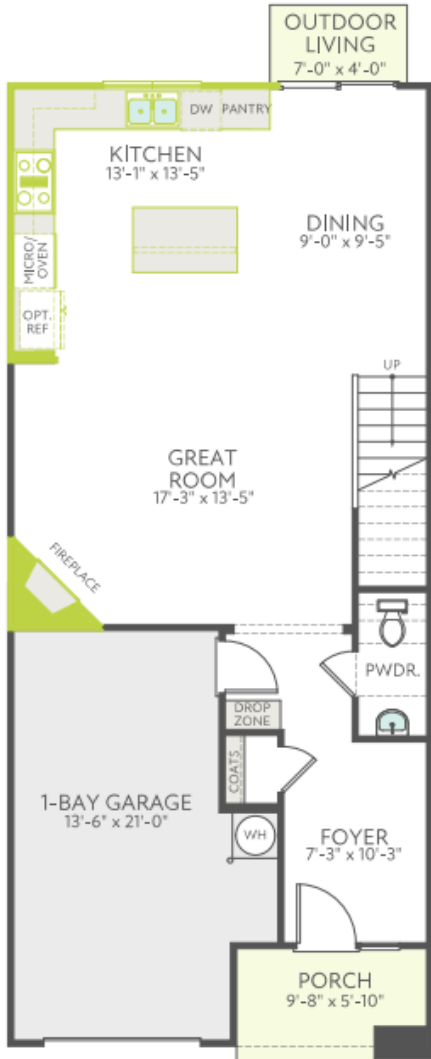




## Density

- 118 Townhomes
  - Total Site Area **15.75 Acres**
  - Buildable Area not in the Right-of-Way – **12.27Acres**
  - Density on buildable area – **9.61 Units per acre**
- 
- **Allows for maintaining townhome character of the neighborhood.**
  - **Does not exceed impervious surface areas**
  - **Allows sufficient space for stormwater management to accommodate 100 year storm**
  - **Allows major wooded area on site and pedestrian use.**

# Diversity of housing choices

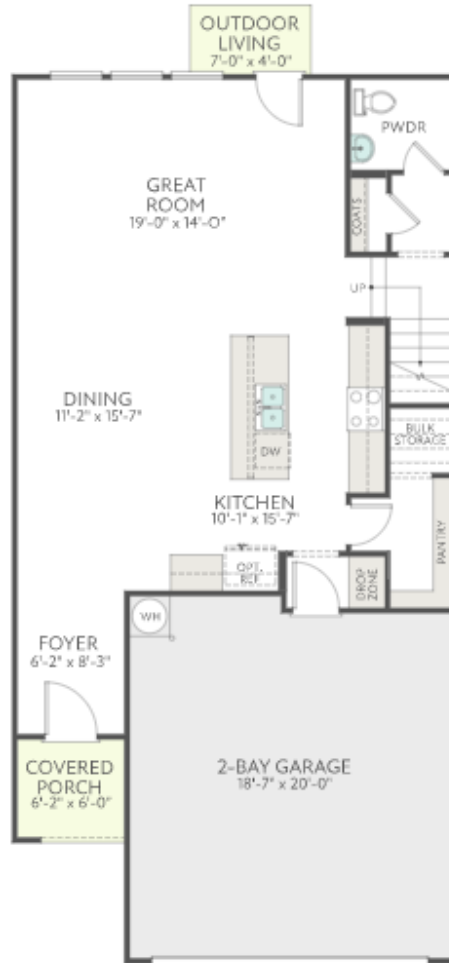


- **Plan 1** - 22' wide, 1-bay garage, approx. 1,590sf with 2-3 bedrooms, 2.5 baths
- **Plan 2** – 22' wide, 1-bay garage, approx. 1,775sf with 3 bedrooms, 2.5 baths
- **Plan 3** – 22' wide, 1-bay garage, approx. 1,870sf with 3 bedrooms, 2.5 baths

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# Diversity of housing choices



- **Plan 4** – 26' wide, 2-bay garage, approx.. 1,950sf with 3 bedrooms, 2.5 baths
- **Plan 5** – 26' wide, 2-bay garage, approx.. 2,010sf with 3 bedrooms, 2.5 baths
- **Plan 6** – 26' wide, 2-bay garage, approx. 2,140sf with 3 bedrooms, 2.5 baths

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## Recreation – Open Space

- 75% recreation points will be provided on site
- 25% recreation points will be PIL
- Open Area with neighborhood park near community entry with shade structure, picnic tables and playfield.
- Existing wooded open space will be preserved
- Trail to Carolina North at the eastern end of the site
- Open area in center of the site with walkway connecting the neighborhood park to trails.

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## Transportation/Accessibility

- A TIA has been performed for this project.
- Current plans call for widening of Homestead Road at this location. Additional ROW has already been deeded to the Town for this activity.
- Bus services is available through the HS route on Homestead Road.
- This project will contribute a payment of \$25,000 for an improved bus stop in this area.
- Homestead Park and Aquatic Center are walkable.
- The Southern Human Services and Seymour Center are walkable.





## Stormwater

- There are no storm water related site constraints – i.e. floodplain, RCD, Jordan Buffer, or wetlands.
- A stormwater wetland will be constructed at the project entry and a second at the southwest corner of the site.
- The wetland will be a landscape feature.
- No modifications are expected to be requested to the storm water management regulations.
- All conveyances will access the stormwater wetlands.

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# Sustainability

Each townhome will feature and include:

- Whole House LED lighting and Energy Management
- Programmable Wi-Fi thermostats
- A dedicated 220/50a outlet for EV charging in all garages
- Conduit from the attic to the first floor to tie in to potential, future roof-based solar panels
- Windows with Low E glazing
- Watersense Faucets and Fixtures – 1.5 gpm – 30% reduction
- Energy Star dishwashers = 12% more energy efficient
- Toilets – 1.28 GPF – 20% less water than federal standard
- Tri Point Homes participates in Duke Energy’s High Efficiency Residential Option (HERO) program, a voluntary program aimed at meeting and exceeding 2018 North Carolina Conservation Energy Code standards

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# Sustainability

- Meeting Ashrae 90.2 Low Rise Residential
- Reducing Greenhouse emissions – All electric (no natural gas line)
- Site Design Water and Energy Conservation – no in-ground irrigation
- Water Conservation – all fixtures compliant
- Transportation related – Each townhome will have a 220/50a outlet for EV charging in the garage
- Green Building – Duke Energy Hero standard
- Urban Heat Island – preservation of treed areas
- Site Design Water and Energy Conservation – no in-ground irrigation
- Location based Energy Savings – within the urban services zone
- Efficient Lighting design – All LED

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# LivingSmart<sup>®</sup> Program



HEALTH  
SMART.

- ▶ Low or no VOC products in Paint, Adhesives, Sealants, and Cabinets
- ▶ Carbon Monoxide detectors on every floor
- ▶ Formaldehyde-Free insulation and carpet pads
- ▶ Touch faucet at kitchen
- ▶ MERV 13 air filter



ENERGY  
SMART.

- ▶ Wi-Fi Thermostats
- ▶ Low-E rated glass windows
- ▶ Energy Star rated Appliances
- ▶ Energy Efficient HVAC Equipment
- ▶ Whole home surge protection
- ▶ 100% LED surface lights
- ▶ Dedicated 220/50a circuit for car charger



EARTH  
SMART.

- ▶ Engineered Wood Product
- ▶ Efficient LED Lighting
- ▶ Low-E rated glass windows



WATER  
SMART.

- ▶ Energy Star rated Dishwashers
- ▶ WaterSense Certified Faucets & Fixtures in Bathrooms



HOME  
SMART.

- ▶ Wi-Fi mesh system
- ▶ Wi-Fi Doorbell
- ▶ Wi-Fi capable devices (GDO, Lights & above)
- ▶ Wi-Fi door lock

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Proposed Building Elevations