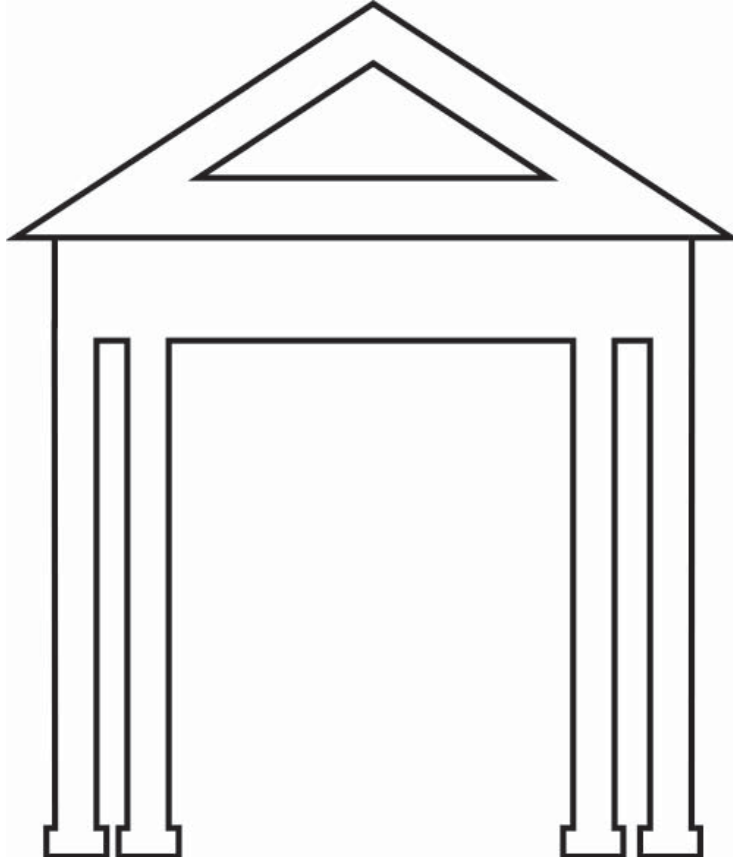


DESIGN GUIDELINES



**Town of Chapel Hill, North Carolina
PINE KNOLLS NEIGHBORHOOD
CONSERVATION DISTRICT**

ACKNOWLEDGMENTS

Pine Knolls Neighborhood Conservation District



Town Council

Kevin C. Foy, Mayor
 Bill Strom, Mayor pro tem
 Laurin Easthom
 Sally Greene
 Ed Harrison
 Cam Hill
 Mark Kleinschmidt
 Bill Thorpe
 Jim Ward

Planning Board

Ruby Sinreich (Chair)
 Rebecca Boyles (Vice Chair)
 Margaret Campion
 George Cianciolo
 Tim Dempsey
 Tom Jensen
 Nancy Milio
 Gene Pease
 James Stroud

Neighborhood

Members of the Pine Knolls Community
 Chapel Hill-Carrboro City Schools
 Pines Community Center, Inc.:
 Damita Hicks, President
 Virginia Barbee
 Catherine Burnette
 Thomas Farrar
 Anthony Gachie
 Joyce Head
 Mark McCook
 Ted Parrish
 Tiyan Peterson
 Tim Peterson

Planning Department Staff

J. B. Culpepper, Planning Director
 Housing and Neighborhood Services:
 Loryn Clark, Coordinator
 Rae Buckley, Planner
 Gene Poveromo, Development Coordinator
 Scott Simmons, Senior Graphics Specialist

Design Workshop Facilitators

Roger Waldon, Clarion Associates
 Leigh Anne King, Clarion Associates
 Delores Bailey, EmPOWERment
 Kofi Boone, NC State University, College of Design

Graphics - Swanson and Associates, PA

David Swanson, ASLA, Landscape Architect
 Joanna Massey Lelekacs, ASLA, Designer
 Sean Eno, Designer

Community Outreach

Paul Weaver, Student, NC Central University
 Dana Wilkins, Student, NC Central University

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PURPOSE

Pine Knolls Neighborhood Conservation District



Purpose of these Guidelines

Chapel Hill is made up of a series of residential neighborhoods that surround and enhance a distinctive downtown and a world-class university. Each of these neighborhoods is unique, and each adds to the personality of the community. Physical design of structures, siting of buildings, size of buildings, landscaping, fencing, and parking arrangements are all features that together contribute to and help define the character of each neighborhood.

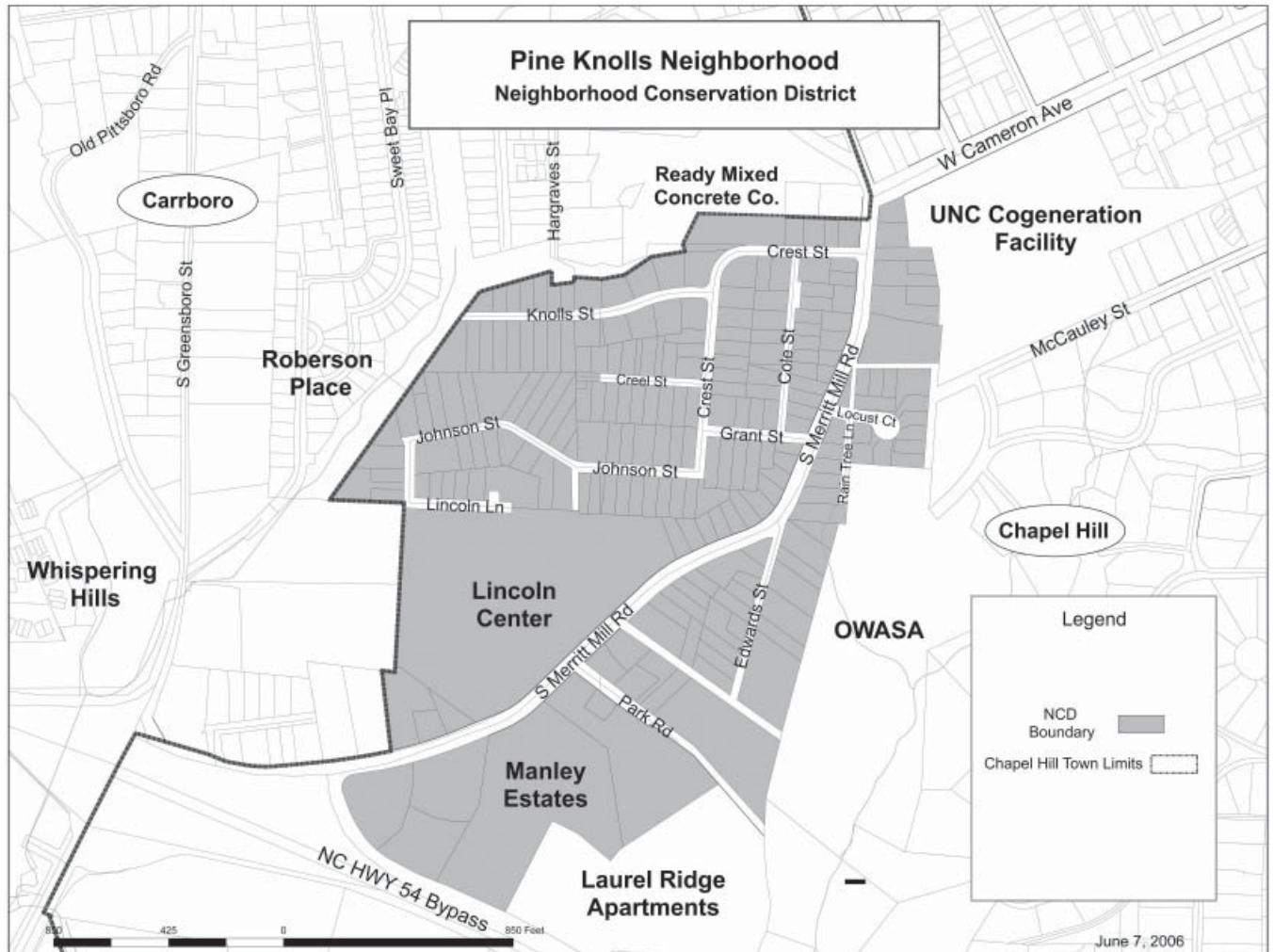
Growth and change are inevitable and are desirable, if managed in a form that contributes to rather than detracts from neighborhood character. And because all of these neighborhoods are completely built-out (or close to it), any new development or redevelopment on individual lots will have an impact on surrounding properties.

The purpose of these Design Guidelines is to assist property owners and designers in the planning of new structures and/or improvements to existing structures within the Pine Knolls Neighborhood Conservation District (NCD). The hope and intent is that these guidelines will be followed to the greatest extent possible, helping to assure that improvements enhance overall neighborhood quality.

Chapel Hill's Land Use Management Ordinance contains regulations and provisions that must be followed as any new development or redevelopment occurs within the Pine Knolls NCD. These guidelines are intended to be a supplement to the regulations for development planned within Pine Knolls.

BOUNDARY MAP

Pine Knolls Neighborhood Conservation District



GUIDELINES

Pine Knolls Neighborhood Conservation District



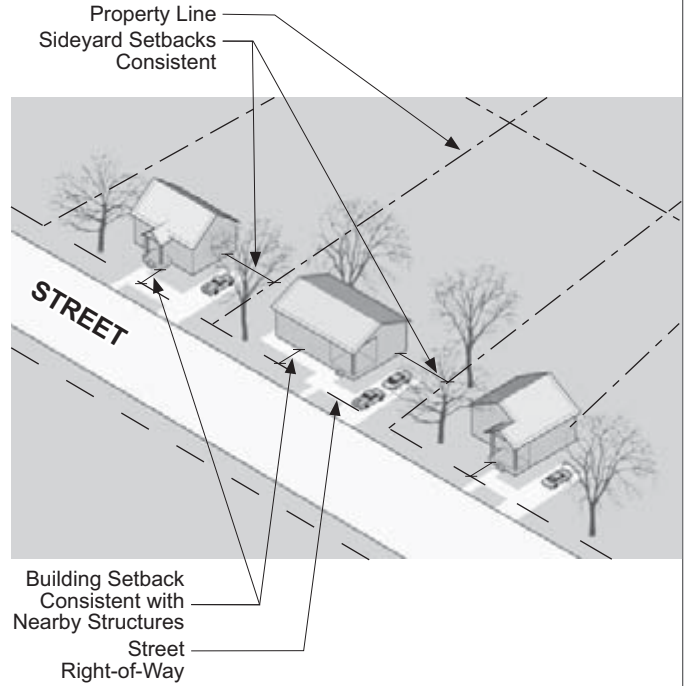
Building Orientation

Buildings should be placed on a site in a manner similar to the placement of other structures on nearby properties.

Unless there is a specific reason to do otherwise, setbacks should be consistent along each neighborhood block, and should mirror existing setbacks of nearby structures. When siting new structures, the first preference should be given to placing buildings in a manner that matches nearby setbacks, so as to maintain a pattern along the street.

Primary dwelling units should be oriented to face the street.

The primary dwelling unit on a lot, not parking area or accessory structures, should be the main focal point on the lot, as seen from the fronting street.



Example: Accessory structures and parking should have less visual impact than the primary dwelling unit.

GUIDELINES

Pine Knolls Neighborhood Conservation District



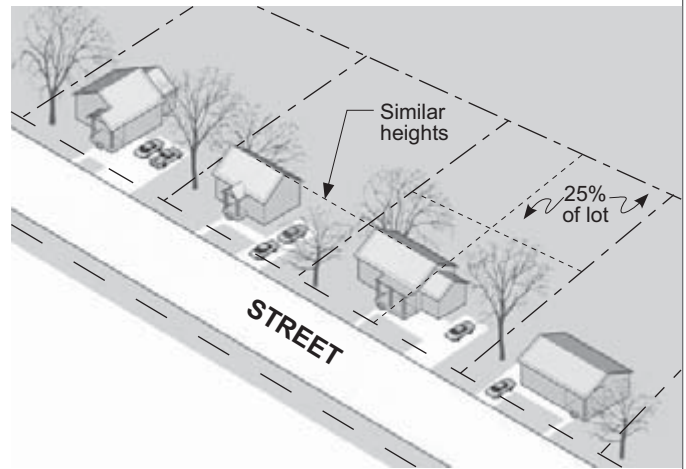
Building Type, Height, and Mass

Development of new duplexes is prohibited in Pine Knolls. New residential units should be single-family in nature.

Total floor area of single-family houses should be compatible with their lot size, and should not exceed 25 percent of the lot area or 2,500 square feet.

Building heights should be generally consistent with the height of nearby structures, as seen from the fronting street. This means that lots that slope down, away from the fronting street, can accommodate taller structures and still maintain the general character of the street. For lots that slope upward away from the street, special attention is needed to building height and rooflines, to avoid a result that towers over nearby structures. Building heights should not exceed 35 feet.

Dwelling units that are taller than adjacent dwellings should avoid creating a dominant roofline by screening the roofline with trees or through design techniques, such as stepping down the roof of the dwelling towards shorter adjacent structures.



Example: Single-family houses should not exceed 25 percent of lot area or 2,500 square feet. Buildings heights of new structures should relate to the heights of adjacent structures and not exceed 35 feet.



Example: View of Dwelling Heights from Street. Building heights relate to existing character of neighborhood.

GUIDELINES

Pine Knolls Neighborhood Conservation District



Accessory Apartments

Town regulations require that a primary residence that includes an accessory apartment must be designed to maintain the appearance of a single-family residence.

Accordingly, if an accessory apartment has a separate exterior entrance, such entrance should be located to the side or rear of the primary dwelling unit, and should resemble a secondary entrance to the primary dwelling unit (should look like a side or back door).

Accessory apartments, if not contained within the structure of the primary dwelling, should be constructed using materials consistent and compatible with the primary residence.



View from street.

Example: Home *before* accessory dwelling construction.



View from street.

Example: Home *after* accessory dwelling construction. Accessory dwelling is located to side of primary dwelling unit and blends with existing architecture of home.



View from street.

Example: INAPPROPRIATE addition of accessory dwelling unit. Accessory dwelling gives structure the appearance of a duplex. Entry to accessory dwelling should reside on the side or rear of the structure.

GUIDELINES

Pine Knolls Neighborhood Conservation District

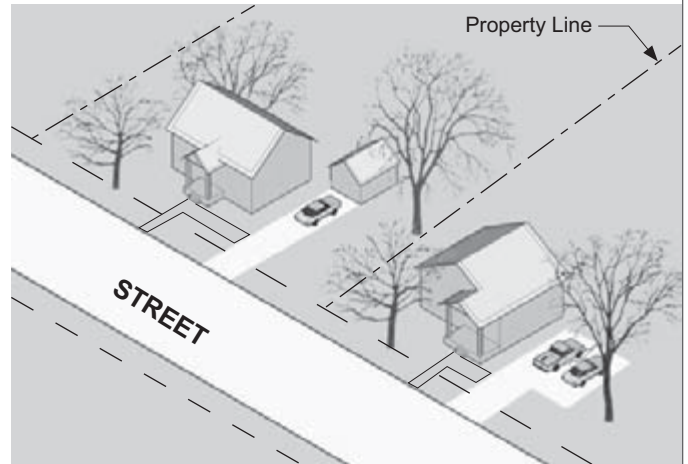


Parking

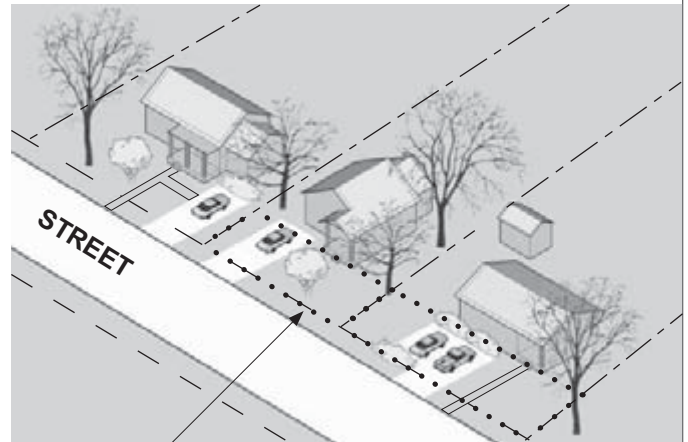
Parking areas and garages should be located at the side or rear of a house. If a garage is to be placed to the side of a house, the front face of the garage should be set back from the front face of the house.

Parking in front yards should be avoided. If there is no other reasonable option for parking vehicles, parking may occur in front yards. But in all cases, front yard parking and driveway areas together cannot exceed 30% of the area of the front yard.

Parking and driveway areas should be clearly distinguished from other parts of the front yard.



Example: Preferred parking scenarios with garage parking and uncovered parking.



Example: Parking scenarios for front yards in instances of site constraints. Primary constraints: narrow lots and significant trees located between houses.

GUIDELINES

Pine Knolls Neighborhood Conservation District



Fencing

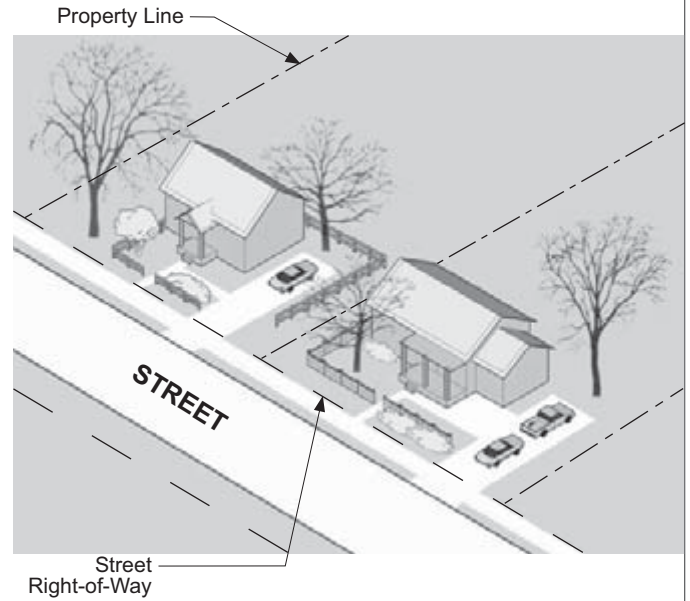
Where possible, landscaping should be used in lieu of structured fencing.

Fencing may be used to restrict trespassing, create privacy, and enhance the character of the property, but should follow these design guidelines.

Fences located along a property's street frontage should not obscure views onto the property. A general rule is to limit the height of street frontage fences to 3 feet and to limit the opacity of the fence to 50%.

Front yard fences should, in general, be lower than backyard and side fences.

Fences should be constructed using materials consistent and compatible with other existing fences in the neighborhood. Use of chain link fences is discouraged.



PLANTING DESIGN RECOMMENDATIONS

Pine Knolls Neighborhood Conservation District



Landscaping

Landscaping should add to the natural appearance of the neighborhood and enhance safety.

There are many plants that are adaptable to the climate, soils, and growing conditions in the Pine Knolls Neighborhood of Chapel Hill. There are also a number of plants that should be avoided due to their tendency to out-compete native and other non-invasive plants.

The Town recommends that applicants contact a landscape professional for assistance with plant selection. Ultimately, tree and shrub selection shall be based on site specific conditions. Some general guidance on these conditions is provided below.

Tree Selection

Tree selection should be based not only on specific site conditions, but also consideration of the ultimate size of the tree, whether or not it is a deciduous (loses leaves in winter), its growth habit (upright, rounded, weeping, etc.), and adaptability of the tree to a particular growing condition (tolerant of full sun, poor drainage conditions, heavy compacted soils, etc.).

Large, spreading trees should be used where there is room for the tree to attain its full, mature size. Large trees should not be planted under or near overhead power lines.

Some desirable species for this area may include, but are not limited to:

- | | |
|-------------------------------|---------------------------|
| <i>American Holly</i> | <i>Kousa Dogwood</i> |
| <i>Bald Cypress</i> | <i>Laurel Oak</i> |
| <i>Carolina Cherry Laurel</i> | <i>Lusterleaf Holly</i> |
| <i>Carolina Silverbell</i> | <i>Red Buckeye</i> |
| <i>Chastetree</i> | <i>Red Maple</i> |
| <i>Common Crape Myrtle</i> | <i>Southern Magnolia</i> |
| <i>Eastern Red Cedar</i> | <i>Sweet Bay Magnolia</i> |
| <i>Eastern Redbud</i> | <i>Tulip Tree</i> |
| <i>Flowering Dogwood</i> | <i>White Oak</i> |
| <i>Gingko</i> | <i>Willow Oak</i> |
| <i>Green Ash</i> | <i>Yaupon Holly</i> |

Shrub Selection

Shrubs should also be selected based on specific site conditions (full or part-sun, soil conditions, drainage). They can be used for a number of functions beyond aesthetics.

Evergreen shrubs can be used to screen driveways or undesirable views such as air conditioning units. Shrubs can be planted as a hedge to provide some privacy/screening as an alternative to fencing. And, shrubs can be used to define yard areas or to provide a buffer between the front yard and the street or sidewalk.

Some desirable species for this area may include, but are not limited to:

- | | | |
|-------------------------------|----------------------|---------------------------|
| <i>Aaronsbeard</i> | <i>St. Johnswort</i> | <i>Indian Hawthorne</i> |
| <i>American Beautyberry</i> | | <i>Inkberry Holly</i> |
| <i>Bridalwreath</i> | <i>Spiraea</i> | <i>Japanese Aucuba</i> |
| <i>Cleyera</i> | | <i>Japanese Holly</i> |
| <i>Common Camellia</i> | | <i>Japanese Kerria</i> |
| <i>Common Cherry Laurel</i> | | <i>Oakleaf Hydrangea</i> |
| <i>Common Witchhazel</i> | | <i>Rose-of-Sharon</i> |
| <i>Double Reeve's Spiraea</i> | | <i>Summersweet</i> |
| <i>Doublefile Viburnum</i> | | <i>Sweetshrub</i> |
| <i>Dwarf Waxmyrtle</i> | | <i>Thunberg Spiraea</i> |
| <i>Florida Anise</i> | | <i>Virginia Willow</i> |
| <i>Flowering Quince</i> | | <i>Winter Honeysuckle</i> |
| <i>Gardenia</i> | | <i>Wintersweet</i> |
| <i>Glossy Abelia</i> | | <i>Yucca</i> |

Invasive Plants

Invasive plants are those that have the potential to out-compete other non-invasive species in the natural and built landscape. Ultimately this can lead to reduced diversity of plants, plant disease infestations, and loss of wildlife (including song bird) habitat.

Below is a listing of trees and shrubs prohibited from use on landscaping plans for development applications and strongly discouraged in non-regulated landscaping projects within the town.

- | | |
|--------------------------|---------------------------|
| Prohibited Trees: | Prohibited Shrubs: |
| <i>Mimosa</i> | <i>Multiflora Rose</i> |
| <i>Princess Tree</i> | <i>Privet</i> |
| <i>Tree of Heaven</i> | <i>Russian Olive</i> |
| <i>White Mulberry</i> | |