

- c. Street trees shall be located to avoid utilities (both overhead and underground), in accordance with the utility's requirements for clearance, unless specific written consent from the utility owner is provided.

4. *Configuration*

- a. Street trees shall be canopy trees except beneath overhead utilities or other projections into the public right-of-way, where understory trees shall be used instead.
- b. In locations directly under overhead utility lines, two understory trees may be substituted for each required canopy tree.
- c. Within the DT-1 district, other urban areas, or redevelopment areas, street trees may be located within reduced planting strips or tree pits with irrigation and drainage systems or as part of an adopted streetscape master plan. Tree pits may be located adjacent to the back of the curb.
- d. All trees planted along NCDOT right-of-way shall conform to NCDOT guidelines.

5. *Maximum On-Center Spacing*

- a. Understory trees shall be spaced between 15 to 25 feet on center, depending upon the species size at maturity.
- b. Canopy trees shall be spaced between 25 to 40 feet on center, depending upon the species size at maturity.
- c. Wherever possible, small and medium trees shall be placed between large trees to accommodate the canopy growth of large trees over time.
- d. Alternative layout may be considered through the Alternative Landscape Plan procedure in Section 30-5.B.4.f.

b. **Site and Building Landscaping**

Site and building landscaping material is intended to soften the visual impact of the building base and provide for the even dispersal of trees and other plantings across a development site.

1. *Standards*

Except for substations and lift stations, single-family detached dwellings and properties in the Downtown (DT) district, site and building landscaping shall be required for all development, and shall be supplied in the amounts identified in Table 30-5.B.4.b, Required Site Landscaping Plantings, below, and Figure 30-5.B.4.b, Site and Building Landscaping Placement. Site landscaping shall meet the minimum size standards for new planting specified in Section 30-5.B.3.e, Planting Standards.

Table 30-5.B.4.b: Required Site & Landscaping Plantings

TYPE OF USE [1]	REQUIRED PLANTINGS PER SITE [2]
Detached single-family residential uses	Exempt from the requirements of this Section 30-5.4.b, Site & Building Landscaping.
Other household living uses; group living uses	Four canopy trees (including at least one evergreen tree) per acre + at least one shrub per each five feet of outer building perimeter
All other uses	Two canopy trees (including at least one evergreen tree) per acre, + at least one shrub per each five feet of outer building perimeter

Table 30-5.B.4.b: Required Site & Landscaping Plantings

NOTES:

[1] See Table 30-4.A, Use Table.

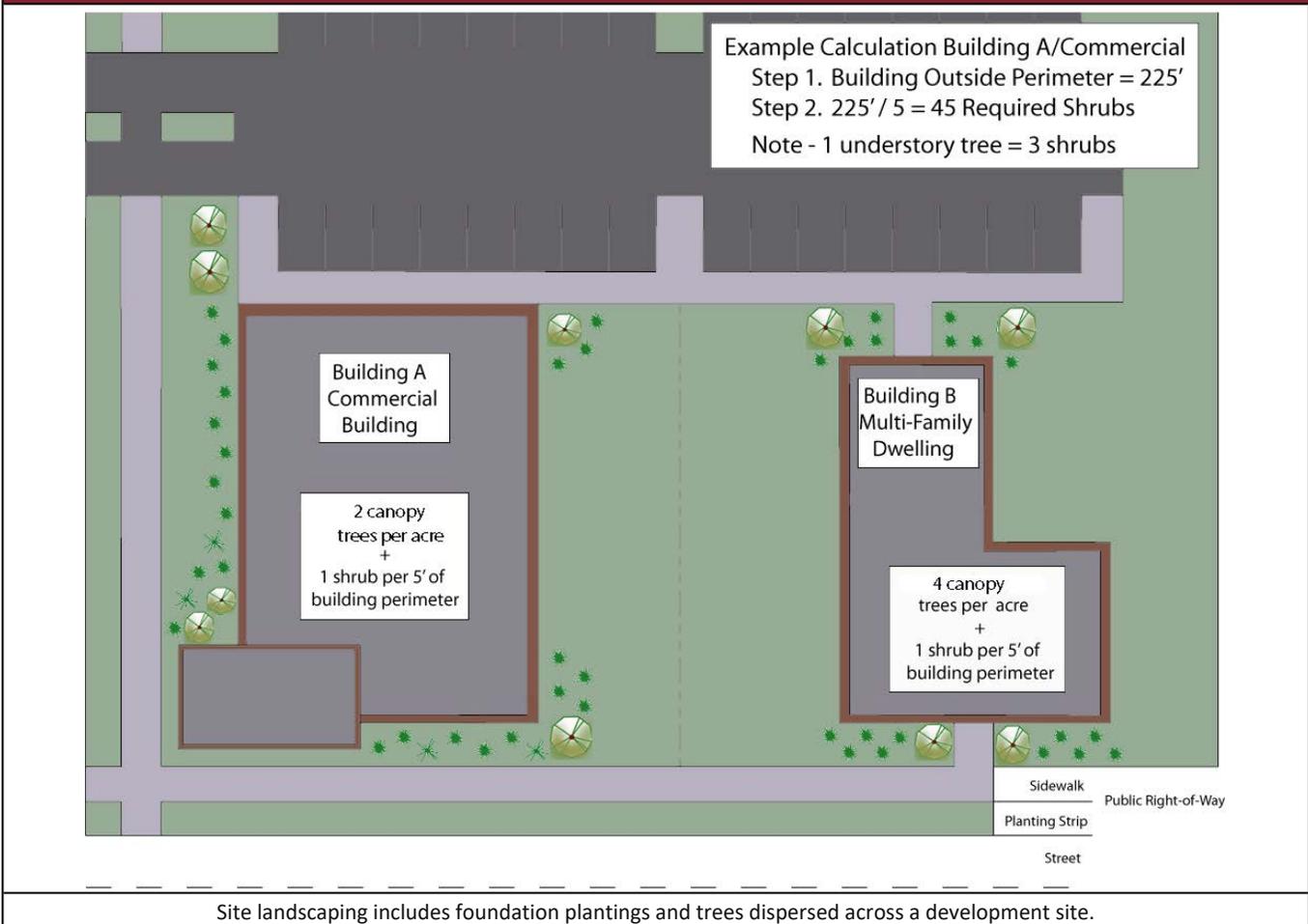
[2] At least one-half of the required shrubs shall be of an evergreen variety.

[3] Understory trees may be substituted for up to 50 percent of the required number of shrubs at the substitution rate of one understory tree for three shrubs.

2. Location

Required shrubs shall be planted around the building perimeter, with emphasis placed on building bases visible from the public right-of-way. Required shrubs may be planted within a five-foot planting strip adjacent to the building or up to 15 feet from the building provided there is a sidewalk located between the planting area and the building wall. Fifty percent of the required shrubbery may be dispersed around the site. The linear perimeter footage is exclusive of docks, bays and pedestrian entrances up to 50 percent of the total perimeter linear footage.

Figure 30-5.B.4.b: Site and Building Landscaping Placement



c. Vehicular Use Area Landscaping

All vehicular use areas shall include landscaping, both within the interior of the vehicular use