Collier County
Growth Management Division

General Landscape Calculations for all Development Plans

1. Right-of-Way Landscaping - Type "D" Buffer (LDC section 4.06.02 C.4. and Table 2.4)

   _____ L.F./30 = _____ Trees

   (Perimeter of site adjacent to R.O.W)   *(# Trees Required)*

2. Perimeter Landscape Buffering - Type "A", "B", & "C" (LDC section 4.06.02 C. and Table 2.4)

   <u>Type A</u>- minimum width of 10 ft.: _____ L.F./30 = _____ Trees

        (Perimeter L.F.)   *(# Trees Required)*

   <u>Type B</u>- minimum width of 15 ft.: _____ L.F./25 = _____ Trees

        (Perimeter L.F.)   *(# Trees Required)*

   <u>Type C</u>- minimum width of 20 ft.: _____ L.F./30 = _____ x 2 = _____ Trees

        (Perimeter L.F.)   *(# Trees Required)*

3. Interior Landscaping for Vehicular Use Areas (LDC section 4.06.03 B.1.)

   10% x _____ S.F. = _____ S.F./250 = _____ Trees

        (Pavement Area)   *(Required Interior Landscape Area)*   *(# Trees Required)*

4. Shopping Center Greenspace (LDC section 4.06.03 B.8 & B.9.)

   _____ S.F. x 7% = _____ S.F./250 = _____ Trees

   (Pavement Area)   *(Green space Area)*   *(# Trees Required)*

   _____ S.F./1,000 = _____ L.F. of Benches

   (Building Area)   *(# of Benches required)*

5. Minimum Landscape Requirements (LDC section 4.06.05 A.1. and A.2.)

   Single-Family: _____ S.F./3,000 = _____ Trees Required

   Multi-Family: _____ S.F./2,000 = _____ Trees Required

6. Tree Credits for Preserved Trees (LDC section 4.06.04 B. and Table 4.06.04 B.1.)

_____ Trees x 3 = _____
(> 50 ft., 26 in. DBH)   *(Tree Credits)*

_____ Trees x 2 = _____
(> 40-49 ft., 20 in. - 25 in. DBH)   *(Tree Credits)*

_____ Trees x 2 = _____
(> 30 ft. – 39 ft., 13 in.- 19 in. DBH)   *(Tree Credits)*

_____ Trees x 1 = _____
(> 20 ft. – 29 ft., 8 in.- 12 in. DBH)   *(Tree Credits)*

_____ Trees x 1 = _____
(> 10 ft. – 19 ft., 2 in.- 7 in. DBH)   *(Tree Credits)*

_____ Trees x 1 = _____
(>10 ft. <, 1 ½ in.- 2 in. DBH)   *(Tree Credits)*

7. Trees and Shrubs (LDC section 4.06.05 D.1.)

_____ Trees Required x 75% = _____ Native Trees Required

_____ Native Trees Provided

_____ Shrubs Required x 50% = _____ Native Shrubs Required

_____ Native Shrubs Provided

8. Mulch (LDC section 4.06.05 D.6.)

_____ C.Y. Required x 25% = _____ C.Y. Maximum Cypress Mulch

_____ C.Y. Cypress Mulch Provided

Additional Mulch to be Provided: _____

9. Building Foundation Planting Requirements (LDC section 4.06.05 C. and Table 4.06.05 C)

Building Footprint under 10,000 sq. ft.:

25% x _____ total of all façade lengths x 10 ft. = _____ Total
        (Façade A+B+C+D)   *(sq. ft. of foundation plantings required)*

- Trees and palms must be a minimum 10 feet high at planting.
- Minimum width of planting beds must be 5 feet.
- Trees and palms shall be provided at a rate of 1 per 300 square feet of required foundation planting area.

Building Footprint over 10,000 sq. ft. and under 50 feet zoned height:

45% x _____ total of all façade lengths x 15 ft. = _____ Total
        (Façade A+B+C+D)   *(sq. ft. of foundation plantings required)*

- Trees and palms must be a minimum 14 feet high at planting.
- Minimum width of planting beds must be 10 feet.
- Trees and palms must be provided at a rate of 1 per 400 square feet of required foundation planting area.

Buildings with 50 feet or greater zoned height:

55% x _____ total of all façade lengths x 20 ft. = _____ Total
        (Façade A+B+C+D)   *(sq. ft. of foundation plantings required)*

- Trees and palms must be a minimum 18 feet high at planting.
- Minimum width of planting beds must be 10 feet.
- Trees and palms must be provided at a rate of 1 per 500 square feet of required foundation planting area.