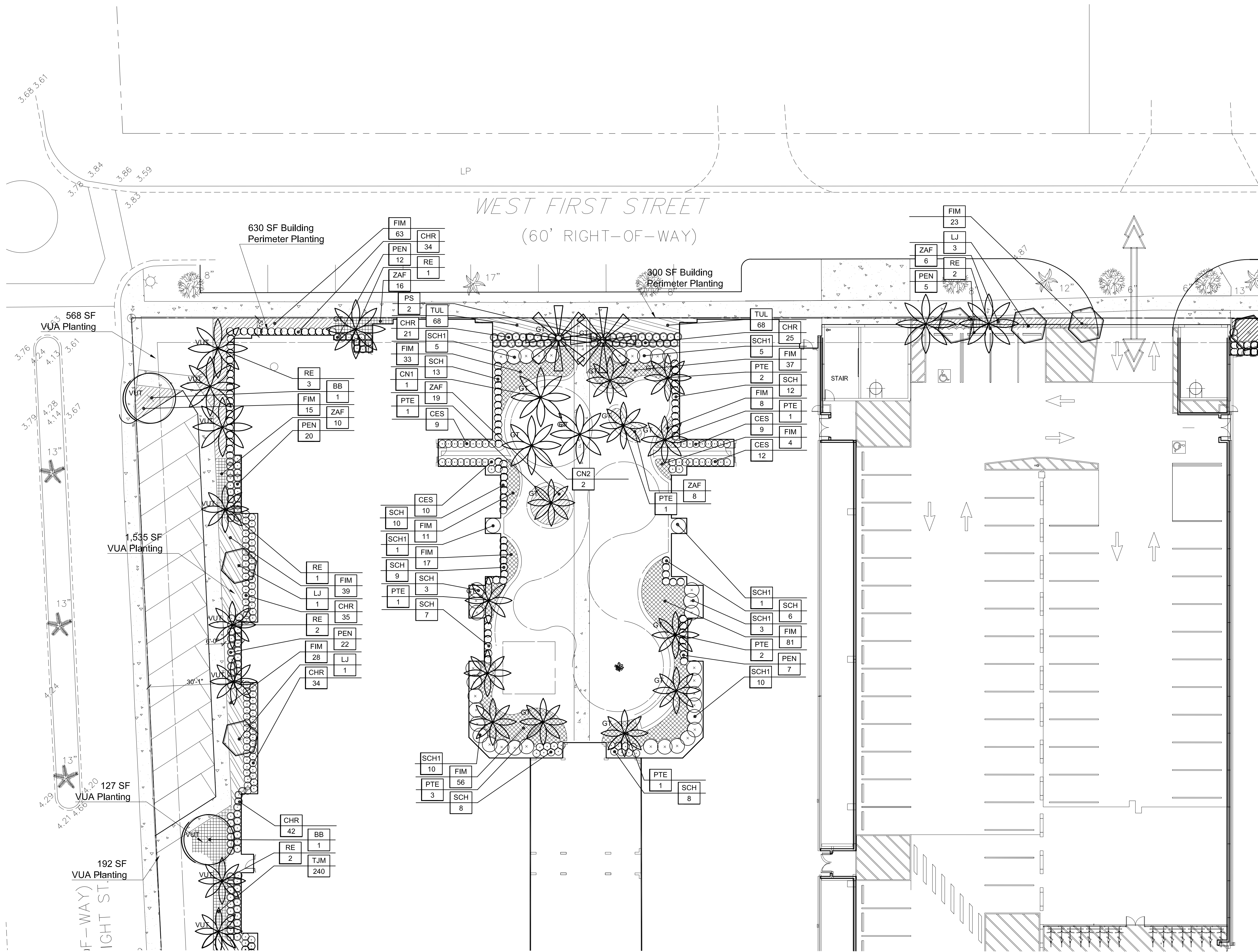


Andrea M. Douglas-Cook, ASLA
Landscape Architect #6867057



NOTE: Base data collected from multiple sources. Contractor to verify all existing field conditions prior to ordering, manufacturing, and construction.

NOTICE: ALL DRAWING DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, AND LA APPROVED SHOP DRAWINGS MUST BE OBTAINED PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION.

CM2

CODE MINIMUM LANDSCAPE PLAN

City Walk Fort Myers

Prepared for: Mr. Joe Bonora
Fort Myers, Lee County, Florida

Scale: 1/16" = 1'-0"

NORTH

Outside Productions International

11111 W. 11th Ave., Suite 100, Fort Myers, FL 33907
Phone: 941.336.1111 | Fax: 941.336.1112
www.outsideproductions.com

W. Patrick Todd, ASLA
Landscape Architect #1481

Andrea M. Douglas-Cook, ASLA
Landscape Architect #59707

General Trees

Vehicle Use Area Trees

LEGEND

VEHICLE USE AREA (VUA)
87,290 SF x 10% = 8,729 SF VUA Required
8,729 SF / 250 = 35 Trees Required

BUILDING PERIMETER LANDSCAPE
146,592 SF x 10% = 14,659 SF Shrubs Required

GENERAL TREE REQUIREMENT
342,717 / 3500 SF = 98 General Trees Required

CODE MINIMUM PLANTING PLAN

REV: 01-28-19 HEDGE ADDED ALONG MCGREGOR BLVD.

[illegible]

NOTE: Base data collected from multiple sources. Contractor to verify all existing field conditions prior to ordering, manufacturing, and construction.

- CONTRACTOR SHALL OBTAIN ALL NECESSARY BUILDING PERMITS.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING FINISHED PRODUCT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP HIS RELATED WORK.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF COLLIER COUNTY.
- PROVIDE SHOP DRAWINGS OF ALL METAL WORK AND ACTUAL PRECAST SAMPLES METAL GATE STRUCTURE BY OTHERS.
- GATE OPERATORS TO BE UTILIZED PER OWNERS REQUIREMENTS.
- ALL CAST STONE TO BE INSTALLED AS PER MANUFACTURER'S SPECIFICATIONS.
- CONTRACTOR SHALL NOT SCALE FROM PLANS. USE DIMENSIONS AS NOTED.
- CONTRACTOR TO INFORM OWNER OF ANY AND ALL ERRORS AND OMISSIONS PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION.
- ALL DIMENSIONS AND DISTANCES TO BE FIELD VERIFIED.
- ALL METAL WORK STRUCTURE DESIGN BY OTHERS.
- CONTRACTOR TO ASSURE ALL WORK MEETS LOCAL WIND LOAD REQUIREMENTS.

VEHICLE USE AREA (VUA)	
87,290 SF x 10%	= 8,729 SF VUA Required
8,729 SF / 250	= 35 Trees Required

342,717 / 3500 SF = 98 General Trees Required
102 General Trees Provided

CM3

CODE MINIMUM LANDSCAPE PLAN

Scale: $\frac{1}{16}'' = 1'-0''$

 NORTH

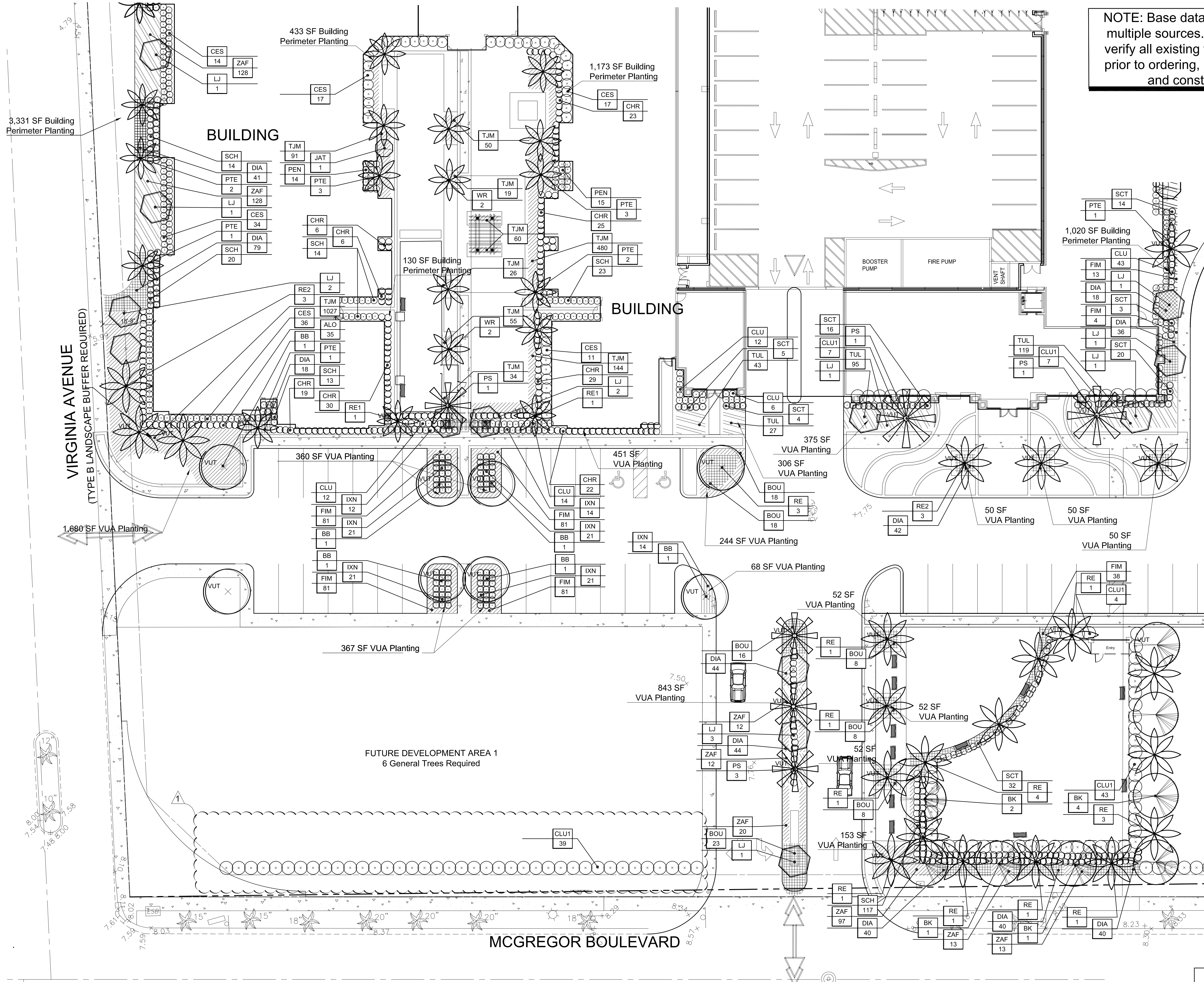
CITY WALK FORT MYERS

PREPARED FOR: MR. JOE BONORA
FORT MYERS, LEE COUNTY, FLORIDA

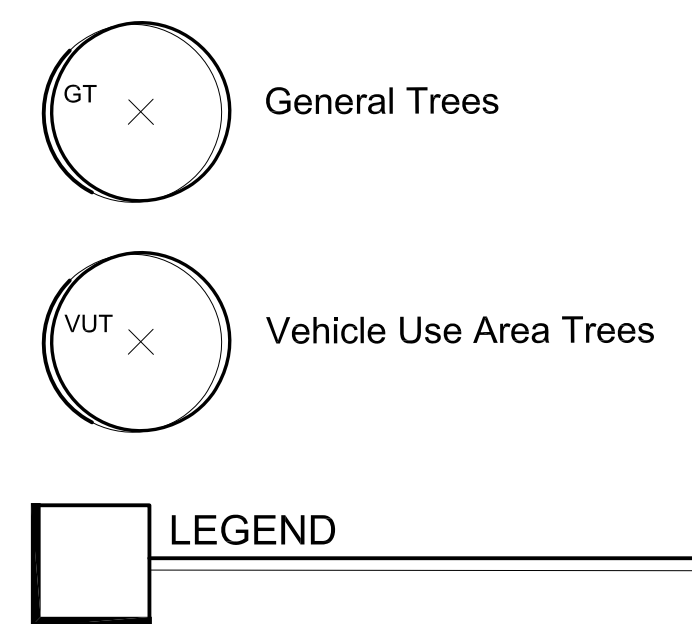
Job Number: 048-18

OUTSIDE PRODUCTIONS
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THE ART & SCIENCE OF OUTDOOR LIVING
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W. Patrick Trefz, ASLA
Landscape Architect #1481



NOTE: Base data collected from multiple sources. Contractor to verify all existing field conditions prior to ordering, manufacturing, and construction.



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GENERAL NOTES

BUILDING PERIMETER LANDSCAPE
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NOTICE: ALL DRAWING DISCREPANCIES MUST BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, AND LA APPROVED SHOP DRAWINGS MUST BE OBTAINED PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION.

CM4

CODE MINIMUM LANDSCAPE PLAN

Scale: 1/4" = 1'-0"

North Arrow

NORTH

City Walk Fort Myers

Prepared For: Mr. Joe Bonora
Fort Myers, Lee County, Florida

Job Number: 008-18

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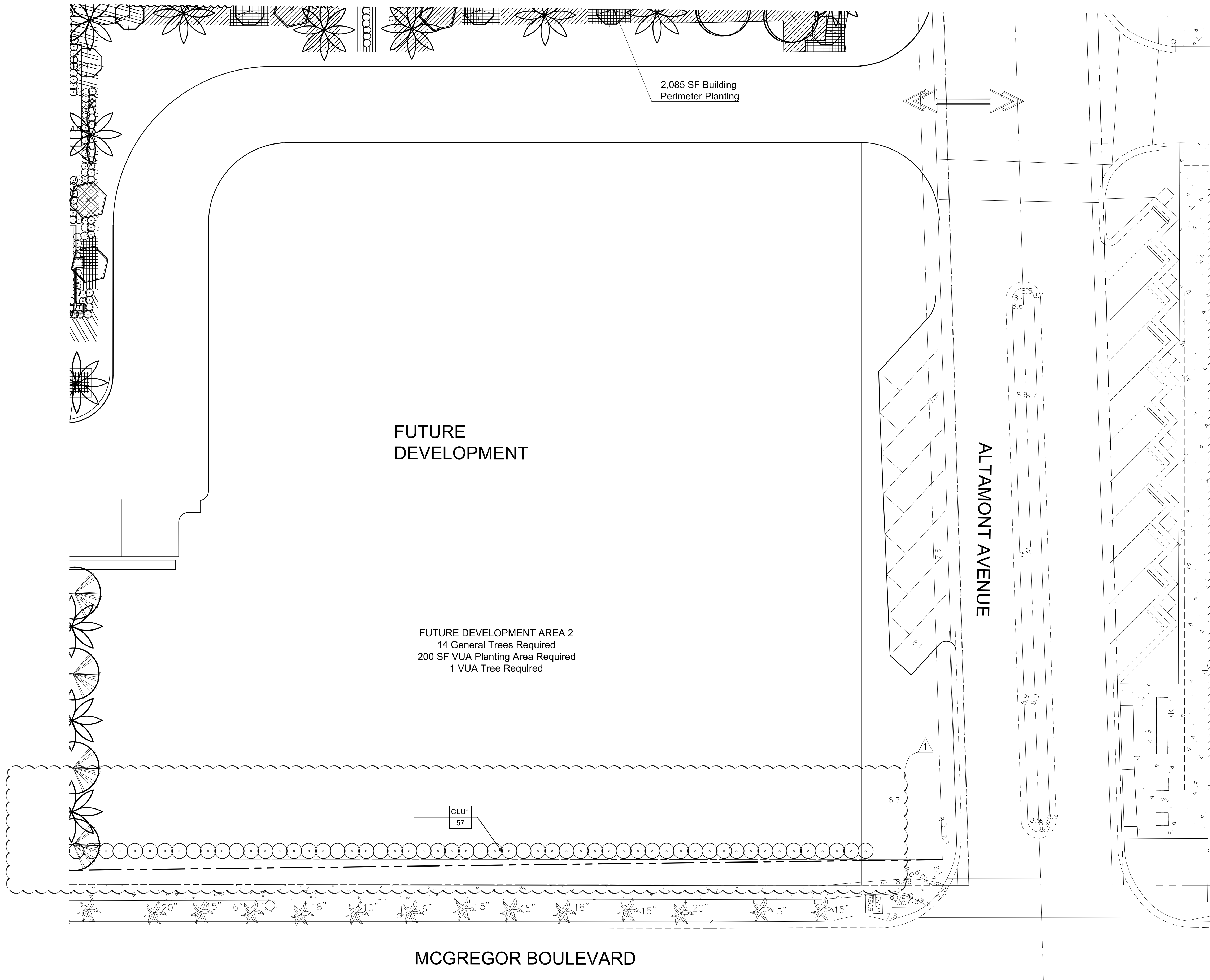
W. Keith Tate, ASLA
Landscape Architect #1481

OUTSIDE PRODUCTIONS International
Tate & Associates, Inc. is an Equal Opportunity Employer
3001 TAVELA DRIVE, SUITE 100, FORT MYERS, FLORIDA 33904
239-943-1334
www.opi.com

Date: 12-20-18
Designed By: CPH
Date: 12-20-18
Drawn By: CPH

REV: 01-28-19 HEDGE ADDED ALONG MCGREGOR BLVD.

NOTE: Base data collected from multiple sources. Contractor to verify all existing field conditions prior to ordering, manufacturing, and construction.



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GENERAL NOTES

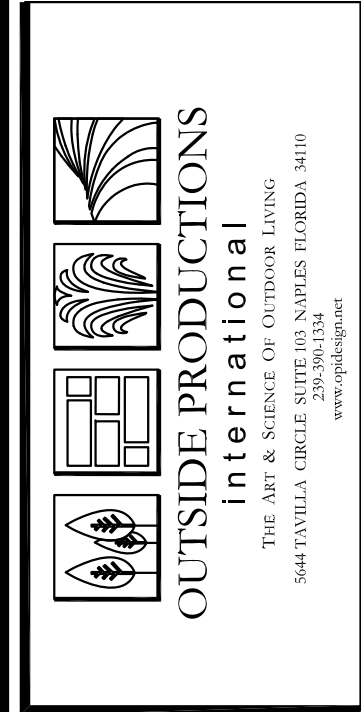
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102 General Trees Provided

W. Patrick Tietz, ASLA
Landscape Architect #1481

Andrea M. Douglas-Cook, ASLA
Landscape Architect #6687057



Job Number:	048-18
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CITY WALK FORT MYERS

PREPARED FOR: MR. JOE BONORA
FORT MYERS, LEE COUNTY, FLORIDA

Scale: $\frac{1}{4}'' = 1'-0''$

 NORTH

Date: 12-20-18	Designed By: OPI
Date: 12-20-18	Drawn By: OPI

CM5
CODE MINIMUM
PLAN

REV: 01-28-19 HEDGE ADDED ALONG MCGREGOR BLVD.

City of Fort Myers Requirements and Specifications

Section 138-3. Open Space Requirements.

(1) Open space calculations. Open space includes all areas of natural vegetation or areas replanted with vegetation after construction, such as lawns, gardens, etc. Open space may include certain outdoor recreation facilities such as playgrounds, golf courses, nature trails, pedestrian and bikeways, archaeological sites, beach frontage, tennis courts, swimming pools, and other similar open spaces as long as not more than 20 percent of the area consists of impervious surface. Impervious surface includes areas of rock, gravel, sand, shell, and riprap. Existing or proposed bodies of water, including stormwater management areas, may be used to offset up to a maximum of 20 percent if the shoreline is sodded and a maximum of 35 percent if the shoreline is planted with native wetland plants of the required open space. Areas used for dry detention may count 100 percent toward meeting the open space requirements if planted with vegetation. Buffer yards and landscape areas in off-street parking areas may be used to contribute to the open space requirements.

(2) Open space minimum area and widths.

a. Multifamily residential (two or more family dwellings): Thirty-five percent of gross site area set aside as open space.

b. Commercial/professional/institutional: Twenty-five percent of gross site area set aside as open space.

c. Industrial/warehouse: Fifteen percent of gross site area set aside as open space.

d. The average minimum width must be ten feet for all open space areas.

e. The minimum area must be 180 square feet for all open space areas.

Percent of Open Space Required: 30%

	342,717	x 30% =	102,815	SF	108,835	SF
	(Total Lot Area)		(Open Space Required)		(Open Space Provided)	

(3) Indigenous vegetation. Indigenous vegetation shall mean that which originated where it is currently growing and is living naturally.

a. Preservation.

1. Large developments, ten acres or larger, with existing indigenous vegetation communities, must provide 50 percent of their open space percentage requirement through the on-site preservation of these communities consistent with this section.

2. If the development area ten acres or larger does not contain existing indigenous vegetation communities, but does contain existing indigenous trees, then 50 percent of their open space percentage requirement must be met through the on-site preservation of the existing native trees consistent with this section.

i. Preservation of indigenous tree clusters is preferred over individual tree protection as it pertains to this section. Reasonable efforts to retain individual trees must be made. It is recognized that site design requirements (e.g. fill) may limit the ability to retain some individual trees, and in that case the development services division manager shall determine if those trees are to be removed or relocated.

ii. Sabal palms shall be relocated in a horticulturally correct manner, and clustered within open space areas.

iii. Native trees (four-inch to 19-inch diameter at breast height) may be relocated to open space areas, when proper horticultural methods (e.g. root pruning, use of antitranspirants) are utilized to ensure the survivability of the trees.

iv. Efforts must be made to preserve large, native trees (e.g. Live Oak, South Florida Slash Pine, or Longleaf Pine with minimum 20-inch diameter at breast height). Only after all reasonable options have been investigated to preserve a tree in its existing location shall removal be considered.

v. If an existing native tree must be removed from a site, then a replacement native tree must be planted within an appropriate open space area. An existing native tree from four to 19 inches diameter at breast height must be replaced with a minimum 14-foot height native tree. An existing native tree with a diameter at breast height greater than 20 inches must be replaced with a minimum 20-foot height native tree.

b. Credits.

1. For all developments ten acres or larger with open space requirements, an incentive is provided to preserve indigenous communities or indigenous trees. An open space credit for single contiguous preserve areas will be granted per the following table:

Size of Open Space	Minimum Width	Credit Granted
One-half to one acre	50 feet	110%
Over one acre to three acres	75 feet	125%
Over three acres or more	150 feet	150%

2. An additional maximum credit of ten percent will be granted if any of the following are included in the preserve areas:

i. Connection to off-site public or private environmental conservation or preserve areas.

ii. Upland buffers to natural watershed areas.

iii. Preservation adjacent to a roadway for buffering.

iv. Restoration of native shrubs, grasses, and/or groundcover plants within the native tree preservation area. A minimum plant size of one gallon, installed three-foot on center throughout the area is required.

c. Administrative deviations. The city may permit administrative deviations to reduce the minimum 50 percent indigenous native vegetation requirement to a lower percentage than required in subsection (3) of this section. Existing, approved indigenous preserve areas within planned developments are not eligible for administrative deviations. An administrative deviation will not be issued or approved unless unique conditions or circumstances make the property unusable and unreasonably burdensome. The applicant must provide details of other actions that will be taken to offset the reduction (mitigation). Mitigation must, at a minimum, meet a one to one ratio of reduction of indigenous area to mitigated area. Mitigation that will be considered includes, but is not limited to:

1. On-site ecological creation/restoration, with long-term management.

2. Purchase of appropriate credits from a permitted mitigation bank, or pay for preserving or restoring public-owned land.

d. Indigenous open space requirements.

1. The average minimum width of indigenous open space must be 20 feet, with a minimum area of 400 square feet.

2. Open space preservation areas must be designed with adequate widths to preserve and allow for the continued growth and viability of existing native plant communities.

3. Native tree and preservation areas must be protected during land preparation and construction activities pursuant to sections 138-80 and 138-108(1).

Section 138-4. Buffer yard requirements.

(a) Buffer yards shall be required along the perimeter of the proposed development, wherever the proposed development abuts or is across a street or alley from another existing or permitted use. The existing use, or if vacant, the designated land use of the adjacent property shall determine the type of buffer yard required. Where these buffer yard requirements conflict with the street tree requirements on designated corridors, the provisions for the street tree planting program shall take precedence.

(b) The entire buffer yard shall be maintained as green open space with the required plantings.

(c) Buffer yards shall not be located in any portion of an existing or dedicated public right-of-way, private street, or roadway easement. Buffer yards may overlap up to a maximum of 50 percent of the width of any stormwater retention area. If buffer yard planting is proposed within the overlap area of a stormwater retention area, then the tree and shrub types selected must be tolerant of wet soils. Buffer yards greater than five feet in width may overlap up to a maximum of 50 percent of the required buffer yard width into any public utility easement. No required planting shall be allowed in the overlap area, with the exception of sod or other ground cover. Maintenance of required buffer yards and landscaped areas or restoration/replacement of vegetation damaged during maintenance of utilities shall be the responsibility of the property owner or any consenting grantee. If the plant materials die, they shall be replaced within 30 days of receiving notice issued by the city.

(d) A minimum six-foot high and maximum eight-foot high solid, continuous masonry wall, set a minimum of two feet from the property line, may be used to meet buffer yard requirements through the administrative deviation process. Buffer yard trees and shrubs must be located along the residential side of the wall.

(e) Berms and a combination of walls and berms may be used in buffer yards, but not to replace the required number of trees and shrubs.

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(e) Berms and a combination of walls and berms may be used in buffer yards, but not to replace the required number of trees and shrubs.

Property Line	Adjacent Use	Type of Buffer	Linear Footage
North	XXX	N/A	
South	XXX	N/A	
East	XXX	N/A	
West	XXX	N/A	

N/A

Section 138-5. Preservation and maintenance.

Planted areas, including but not limited to trees, shrubbery, lawn, and groundcover required by this Code, shall be maintained, fertilized and irrigated in perpetuity to the extent that healthy plant life is sustained or, if needed, removed and replaced to keep the area in its original landscaped condition. For multifamily and commercial developments, a maintenance contract, acceptable to the city, shall be provided by the owner, to the city, which guarantees maintenance of all vegetation on site in perpetuity. The property owner shall agree to regularly and systematically, not less than three times per month, maintain all vegetation including grass and all plantings; and to replace any vegetation which becomes injured or damaged with similar vegetation within 30 days of receiving notice issued by the city.

Section 138-41. When required.

(a) New and existing parking areas. This section shall apply to all new and existing parking and vehicular use areas that are to be expanded, except when the proposed work is limited only to the re-striping of lots and drives.

(1) All parking areas, compounds and other vehicular use areas where vehicles will be moved, displayed, sold, serviced, loaded or unloaded, containing more than 4,000 square feet in area, shall have ten percent minimum of the gross area, or more, developed as landscaped areas.

(2) A minimum five-foot wide landscaped area with shrubs installed at one shrub per every 15 square feet, not to exceed a mature or maintained height of three feet shall be required when any parking area abuts any adjacent property, street right-of-way, roadway, or street easement.

(3) A minimum eight-foot wide curved landscaped island or peninsula shall be required for a maximum of every 100 linear feet of parking area. The minimum eight-foot width shall be measured between inside edges of curbs. There shall be a minimum of one tree and ten shrubs for every 200 square feet of parking islands, peninsulas and medians. All parking spaces must be located within a 100-foot radius of a circle drawn from the center of a tree that is planted in a pervious island, peninsula, or median.

(4) Landscaped areas shall be required at the ends of parking rows except when the ends of parking rows abut a green area/landscaped area. In that instance, the ends of parking rows do not have to be curved. The design of these landscaped areas at the ends of parking rows shall be based on the type of parking to be utilized and other Code requirements.

(5) Areas of less than 4,000 square feet that are enlarged at a later time to more than 4,000 square feet shall comply with the requirements of this section for both the old and new portions.

(6) Areas that exceed 10,000 square feet shall have one-half of their required percentage developed in islands located in the interior of the paved area.

(7) The front of a vehicle may overhang any landscape area a maximum of two feet, provided the area is protected by vehicle wheel stops or curbing. Two feet of such landscaped area or walkway may be part of the required depth for abutting parking spaces.

(8) Divider medians must be a minimum of ten feet in width, contain a minimum of one tree per 40 linear feet. The minimum ten-foot width shall be measured between inside edges of curbs. Clustered trees shall be spaced no more than 60 feet apart.

(b) Lawn and ground cover areas.

(1) All lawn areas must be sodded or xeriscaped in accordance with South Florida Water Management District criteria which includes landscaping. Improvement of soil, efficient irrigation, appropriate use of turf, use of drought tolerant plants, use of mulches and maintenance of landscaping. Rock, gravel, sand, shell, or paving shall not substitute entirely for ground cover or lawn and shall be limited to 20 percent of the total area.

(2) When berms are utilized as part of the required landscaping, maximum slopes of four to one shall be used. Maximum slopes of three to one shall be used in nonsewalled areas and retention areas.

(3) Lawn may not be installed on any slope greater than three to one but must have a permanent herbaceous groundcover with erosion control fabric. Complete slope coverage is required within one year after planting. The rate of growth and the ultimate size of the groundcover shall direct the plant type and spacing selected at time of installation.

75,530	x 10% =	7,553	SF	7,553	SF
Total Surface Area		Planting Area Required		Planting Area Provided	
7,553	SF/200 =	37.8	Shrubs	38	
Island Area Required		# of Trees Required		# of Trees Provided	
7,553	SF/200 * 10 =	377.7	Shrubs	378	
Island Area Required		# of Shrubs Required		# of Shrubs Provided	

(c) Building perimeter planting. Perimeter planting areas may be used to contribute to the open space requirements. Landscaping for new developments must include, in addition to the landscaping required for buffer yards, parking, and on-site areas, as follows:

(1) All professional, commercial, and industrial/warehouse developments. Ten percent minimum of the proposed building gross first floor area must be provided for the building perimeter planting area. This planting area shall:

a. Abut all sides of the building, not including the garage bay or loading area.

b. Be a minimum of five feet wide.

c. Have shrubs and groundcover plants with a minimum 50 percent coverage of area at time of planting.

d. Not have more than ten percent of the area planted with turf grass.

e. Not contain any water management areas.

f. Not include any impervious surfaces used to meet the minimum area requirements, although impervious surfaces may be located within building perimeter areas.

g. Not be used for commercial purposes, such as sales or display.

BUILDING PERIMETER PLANTING APPLICABLE: YES

	146,592	x 10% =	14,659	SF	14,659	SF
	Total Floor Area		Perimeter Planting Required		Perimeter Planting Provided	

(2) All large development commercial centers, ten acres or larger. Five percent of the total vehicular use area must be developed as an enlarged planting area within the front of the building, and be in addition to the required building perimeter and parking planting areas. It is not a requirement that this area abut the front of the building.

(d) Littoral planting.

(1) The minimum required number of native wetland herbaceous plants is one plant per linear foot of lake shoreline, as measured at the control elevation water level. Native wetland trees or shrubs may be substituted for up to 25 percent of the total number of herbaceous plants required. One tree or two shrubs may be substituted for ten herbaceous plants.

N/A

(2) Plants shall be installed in clusters around the lake perimeter. Placement of clusters at the inlet and outfall areas is encouraged. Clusters must contain a minimum of 25 plants within a 50 square foot area.

(3) A minimum of four species of plants must be planted per project site. The minimum size shall be a two-inch container or liner.

(4) Sodding or mulching of native wetland plant materials is allowable in lieu of containers or liners, as long as the established plantings are at the minimum required density after one year of installation.

(5) Shorelines must be sinuous, with curving and irregular edges. Slopes shall vary, so as to resemble the shorelines found on natural bodies of water.

Section 138-42. Plant material standards.

(a) Quality. Plant materials used to meet the requirements of this division must meet the standards for Florida No. 1 or better, as provided in Grades and Standards for Nursery Plants, Parts I and II, Department of Agriculture, State of Florida (as amended). Root ball sizes on transplanted plant materials must also meet these standards.

(b) Native varieties. At least 75 percent of the trees and 50 percent of the shrubs used to fulfill requirements of this chapter must be Florida native species.

98	x 75% =	73.50	74
(# of Trees Required)		(Native Trees Required)	(Native Trees Provided)
378	x 50% =	189.00	189
(# of Shrubs Required)		(Native Shrubs Required)	(Native Shrubs Provided)

(c) Trees and palms. Trees must be a minimum of ten feet in height after installation, have a three-inch caliper at 12 inches above grade, and a four-foot-wide canopy. Trees located along arterial roads must have a minimum three-inch caliper at 12 inches above grade at the time of installation. Palms must have a minimum of ten feet of clear trunk after planting. Trees having an average mature spread or crown less than 20 feet may be substituted by grouping the same species, so as to create the equivalent of a 20-foot crown spread. Trees adjacent to walk and bikeways must be maintained with eight feet of clear trunk. These requirements shall not supersede those for street trees listed in section 138-72.

(d) Shrubs. Shrubs must be a minimum of 24 inches in height at installation, a minimum of a three-gallon size container, and be spaced 18 to 36 inches on center. Shrubs used for screening must be at least 36 inches in height by one year after installation, and maintained in perpetuity at said height. Shrubs shall be maintained at a lower height to allow visibility at intersections.

(e) Mulch. A minimum three-inch thick layer of mulch, measured after watering-in, shall be placed around all newly installed trees, shrubs, and groundcover plantings. All landscape areas not receiving a vegetative cover must be mulched. Each tree must have a ring of mulch no less than 24 inches beyond its trunk. The use of cypress mulch is discouraged.

Section 138-43. Plant material installation and maintenance.

(a) Installation.

(1) All landscape materials must be installed using industry recognized horticultural practices.

(2) Plant materials must be installed in soil conditions that are conducive to the proper growth of the plant material. Amendments, including planting mix and fertilizer, shall be added to planting pits. Limerock located within planting areas must be removed and replaced with native or growth-sustaining soil before planting.

(3) Mature plant size must be considered to minimize obstruction of views, signage, lighting, interference with power lines, building roofs, and circulation. Trees may not be located where the roots will interfere with site drainage and subsurface utilities, or where the canopy will require frequent pruning to avoid obstruction or interference. Only trees less than 20 feet in height at maturity may be used directly adjacent to overhead power lines.

(4) Trees and shrubs shall be installed at the midpoint of the width of the buffer yard.

(5) The width of a planting area shall not be less than five feet.

(6) All plants used in planting must be installed using appropriate principles. Xeriscape principles include water conservation through drought-tolerant landscaping, use of appropriate plant material, mulching, and reduction of turf areas.

(7) Trees or shrubs designated for buffer yards may not be located within any easement or right-of-way.

(8) A minimum safe sight distance triangular area must be established wherever a drive intersects a right-of-way or when a property abuts the intersection of two or more rights-of-way. Vegetation installed in said area must be planted and maintained in a way that provides unobstructed visibility at a level between 30 inches and eight feet above the crown of the adjacent street. Landscaping must be in accordance with the roadside recovery area provisions of the State of Florida, Department of Transportation Manual of Uniform Minimum Standards for Design, Construction and Maintenance of Streets and Highways (FDOT Green Book).

(9) All trees and palms must be staked or guy wired. Trees must have double strand wire ties or guys, 12-gauge minimum thickness, with two-ply rubber hoses used around the trunk and guys staked at the ground. Tree stakes are to be lodge poles or steel tee posts. Palms must have burlap wrap to protect the trunk, with steel banded, two-inch by four-inch wood battens attached to two-inch by four-inch wood braces staked at the ground.

(b) Maintenance.

(1) The owner of the property or the owner's agent shall be responsible for maintaining the required landscaping in a healthy and vigorous condition at all times. Tree and palm staking and guying may be removed 12 months after installation depending on the stability of the plant. Stakes, ties, and guys can remain longer, if necessary, to prevent against wind damage, but not so long as to cause girdling of the trunk. All landscape areas must remain free of debris, refuse, disease, pests, and weeds.

(2) Vegetation must be pruned to promote healthy, uniform, and natural growth, except where necessary to promote health, safety, and welfare. Pruning must be done by a state-certified arborist, and in accordance with industry recognized horticultural practices. Trees must not be severely pruned so as to reduce the number of times they require pruning or to permanently maintain growth at a reduced height or spread. Pruning must not interfere with the design intent of the original installation. Severely pruned trees must be replaced by the property owner within 30 days of receiving notice issued by the city.

Sec. 138-44. Plans to be submitted.

(a) Landscape plan. A detailed plan, sketch, or layout of any area mentioned above must be included as part of the construction drawings submitted for a building permit. The plan must be a minimum of one inch to 50-foot scale and be prepared by and bear the name and seal of a landscape architect registered in the state. The same landscape architect that seals the plans must have been involved in their preparation. The plan must include the necessary narrative, symbols, and calculations to demonstrate that the proposed landscaping is in compliance with requirements of this Code. Such plan, sketch, or layout shall show title and address of the project, project owner's name, scale, north arrow, easements, site utilities, vehicle use areas, location and dimensions of all entrances and exits, the manner in which the open space area is to be developed as landscaped areas and the number, size, and type of trees, shrubs, and groundcover to be planted, preserved or relocated in such areas. Details shall be provided for planting, staking, and existing vegetation protection during construction. Parking lots shall show the way vehicles are to be parked. Site areas of one acre or less, or total building square footages of 10,000 square feet or less, do not require plans to be prepared by and bear the name and seal of a landscape architect.

(b) Irrigation plan.

(1) A detailed plan, sketch, or layout of any area mentioned above must be included as part of the construction drawings submitted for a building permit. The plan must be a minimum of one inch to 50-foot scale, and be prepared by and bear the name and seal of a landscape architect registered in the state. The same landscape architect that seals the plans must have been involved in their preparation. Such plan, sketch, or layout shall show title and address of the project, project owner's name, scale, north arrow, easements, location and dimensions of all entrances and exits, necessary sleeves, moisture (rain) sensor, automatic controller, meter or well, backflow prevention device and all necessary lines, valves, and spray heads. Details shall be provided for the installation of all equipment. The irrigation system shall be designed to avoid the application of water to impervious surfaces, properties, and existing native vegetation. Site areas of one acre or less, or total building square footages of 10,000 square feet or less, do not require plans to be prepared by and bear the name and seal of a landscape architect. Site areas of one acre or total building square footages of 10,000 square feet or less, do not require plans to be prepared by and bear the name and seal of a landscape architect.

(2) The requirement for an irrigation plan can be met through the addition of notes or drawings on the landscape plan sheet. Notes must include the type of automated irrigation system proposed, the installation of a moisture (rain) sensor located so that it will receive direct rainfall, the source of water and use of a backflow prevention device, if required, and that the irrigation system has been designed to eliminate the application of water to impervious areas, adjacent properties, and existing native vegetation. Sleeves are required for irrigation lines to be located under paved areas and must be shown on the landscape and grading/paving plans.

Sec. 138-45. Landscape certificate of compliance.

The landscape architect must inspect and certify in writing that all open space areas, landscaping, and irrigation systems are in substantial compliance with the record set of landscape and irrigation plans held by the city. An "as-built" landscape or irrigation plan, highlighted with any major changes from the original permitted set of plans, must be included when the written certification is submitted to the city.

Sec. 138-46. Completion.

The required planting shall be completed within 60 days subsequent to starting work on any area required by this article to be landscaped.

Sec. 138-71. Compliance required.

It shall be unlawful to cut down, damage, poison, or in any other manner destroy or cause to be destroyed any tree as covered by the terms of this article, except in accordance with all of the provisions of this article.

Sec. 138-72. Street tree requirement.

(a) All new streets constructed must be planted with street trees.

(b) Owners of property fronting any thoroughfare listed below shall plant street trees on such property at the time this property is developed or earlier. Each property owner must maintain these trees and replace these trees if they die within 30 days of receiving notice issued by the city. Trees shall be planted in accordance with these requirements in the manner assigned.

(c) The trees shall be set back outside the existing or future right-of-way line as presented on map C of the comprehensive plan, so that the trees are planted on private property in a row facing the roadway. Setbacks shall be as near to the right-of-way line as the following requirements and standards allow. Setbacks and spacing arrangements between single trees and/or clusters of trees shall, as much as practical, be consistent with trees previously planted along other properties on the same street.

(d) The following standards for tree planting shall apply:

(1) The number of trees to be planted shall be the front footage of the property divided by the spacing requirement indicated below for the street that the property fronts on.

(2) The location of trees calculated above shall be altered to fit the clearance suggestions below and shall be consistent with trees, if any, previously planted along the same street.

(3) Sufficient clearance (five feet suggested as a guide) from berm or curb, and sidewalk or other pavement.

(4) Sufficient clearance from the point of nearest intersecting curbs or curblines to allow for minimum sight distance applicable to the roads involved.

(5) Sufficient clearance (ten feet suggested as a guide) from fire hydrants.

(6) Sufficient clearance (30 feet suggested as a guide) from any overhead utility wire, pole or building.

(7) Sufficient clearance (ten feet suggested as a guide) from any underground utility line or culvert.

See Section E for specific tree requirements on streets in City of Fort Myers.

Sec. 138-73. On-site tree requirements.

Landscaping for new developments must include the following, in addition to the trees required for buffer yards, parking, and building perimeter areas. Tree planting shall be as follows:

(1) All multifamily (two-family or more family dwellings) residential developments must have a minimum of one tree per 3,000 square feet of gross site area.

(2) Recreational vehicle developments must have a minimum of one tree per 3,000 square feet of gross site area.

(3) Nonresidential developments must have a minimum of one tree per 3,500 square feet of gross site area. No more than 50 percent of the trees may be located in the area between the rear lot line and a line created by extending the rear wall of the principal structure (defined as the wall closest to, and running roughly parallel to, the rear lot line) to the side lot lines for lots fronting on a single street. Where lots front on two streets, no more than 50 percent of the required trees may be located in the area between the rear lot line and the line created by extending the rear wall of the principal structure to the side lot line and the street right-of-way line.

	342,717	SF/3500 =	97.9	157
	Total Lot Area		# of Trees Required	# of Trees Provided

Sec. 138-75. Exempted species.

A permit shall be obtained for the removal of all trees. A permit fee shall be charged if one or more Florida native trees exist at a property and are to be removed. A permit fee shall not be charged if 100 percent of the trees to be removed consist of the following:

(1) Punk tree—*Melaleuca quinquenervia*.

(2) Brazilian Pepper—*Schinus terebinthifolius*.

(3) Australian Pine—*Casuarina* spp.

(4) Most *Eucalyptus* spp.

(5) Silk Oak—*Grevillea robusta*.

(6) Earleaf Acacia—*Acacia auriculaeformis*.

(7) Downy Rosemyrtle—*Rhodomyrtus tomentosa*

(8) Tropical Soda Apple—*Solanum vilarum*

Sec. 138-76. Prohibited, nuisance species.

It shall be unlawful to plant in the city the following trees: Australian Pine, Silk Oak, Most *Eucalyptus* spp., Brazilian Pepper, *Melaleuca*, Woman's Tongue, Bishopwood, Carrotwood, Rosewood, Murray Red Gum, Benjamin Fig, Cuban Laurel, Chinese Tallow, Java Plum, Rose Apple, or Cork Tree. If such trees exist on site at the time of development they must be removed. After development, the site must be maintained in perpetuity, free from prohibited nuisance species defined herein.

Sec. 138-77. Standards for removal & replacement of dead/damaged trees.

(a) All trees planted must be maintained in a healthy condition. Planted trees that die must be replaced within 30 days of notification by the city with new trees of the same species, at sizes provided in sections 138-42 or 138-72.

(b) Trees damaged by lack of proper maintenance, excessive pruning, site clearing, or construction activities shall be replaced within 30 days of notification by the city with new trees, pursuant to sections 138-105(c) and 138-32 or section 138-72.

Sec. 138-78. Protective barrier requirement.

(a) A protective barrier shall be placed around all protected and preserved trees prior to land clearing, preparation, or construction activities, according to the following:

(1) At or greater than a six-foot width around the perimeter of all species of mangroves and trunks of palm trees.

(2) At or greater than the full drip line of all pine trees.

(3) At or greater than two-thirds of the drip line of all other canopy trees.

(4) Other means to protect root zones can be used, such as retaining walls.

(b) Whenever a protective barrier is required under the provisions of this article, it shall remain in place until construction activity is terminated.

(c) No equipment, chemicals, soil deposits, or construction materials shall be placed within such protective barriers.

(d) Light construction activities subsequent to the removal of protective barriers shall be accomplished with hand labor.

(e) Protective barriers must be a minimum of three feet in height, with one-inch by two-inch minimum sized lumber and plastic or fabric barrier, or other city approved alternative barricading material.

(f) Where extensive land clearing, preparation, or construction activities are expected to take place, fluorescent-colored plastic mesh barriers must be used in place of less noticeable plastic or fabric barriers.

Sec. 138-79. Emergencies.

In case of emergencies involving natural disasters, the requirements of this chapter may be waived by the mayor.

Sec. 138-80. Trimming, cutting, removal or defacing street trees planted within the ROW or on adjacent private property.

a) Prohibition. It is hereby prohibited to trim, cut, remove or deface any tree located within the street right-of-way or a street required by this Code, unless such work is done by or at the direction of the city.

(b) Penalties. Any cutting, trimming, removing or defacing of such trees shall result in a fine of \$250.00. Each occurrence of such offense is subject to a \$250.00 fine. Total removal cost shall be a minimum of \$1,000.00 or the cost for a replacement tree of equal size, whichever is greater. The police department and code enforcement division are hereby directed and empowered to enforce this division.

(c) Trimming tree in right-of-way. Any person who wishes to have a tree in the right-of-way cut or trimmed for safety or visibility purposes shall make a written request to the city parks and recreation department to have such work done. The city parks and recreation department will, within a reasonable time thereafter, trim or cut such tree in an aesthetic and workmanship-like manner, provided the director of parks and recreation department and chief of police, or his designee, determines that the tree or trees should be trimmed for safety or visibility purposes.

(d) Trimming street trees. Any person who wishes to trim or cut a street tree required by this Code (those planted on private property) shall make a written request to the parks division describing the work to be done. The manager of the parks division may approve, and, if approved, shall provide specific directions as to the manner of work to be done so the trees will be trimmed or cut for safety or visibility purposes.

Sec. 138-81. Penalties.

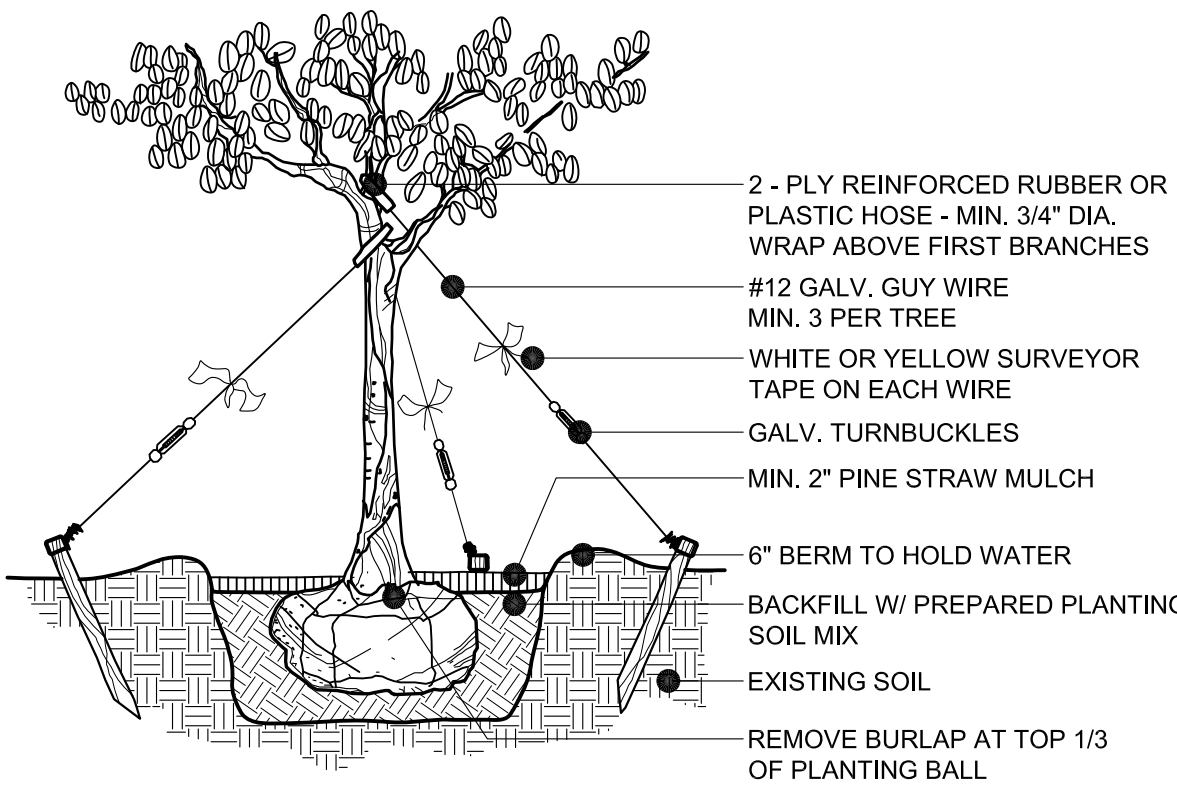
Penalties for violation of any section of this article may be heard before the code enforcement board, or may be determined by state law to be a misdemeanor in the second degree, punishable by not more than 60 days imprisonment and/or a fine not to exceed \$500.00. Each tree removed shall constitute a separate offense.

Sec. 138-82. Lethal yellowing disease affecting palm trees.

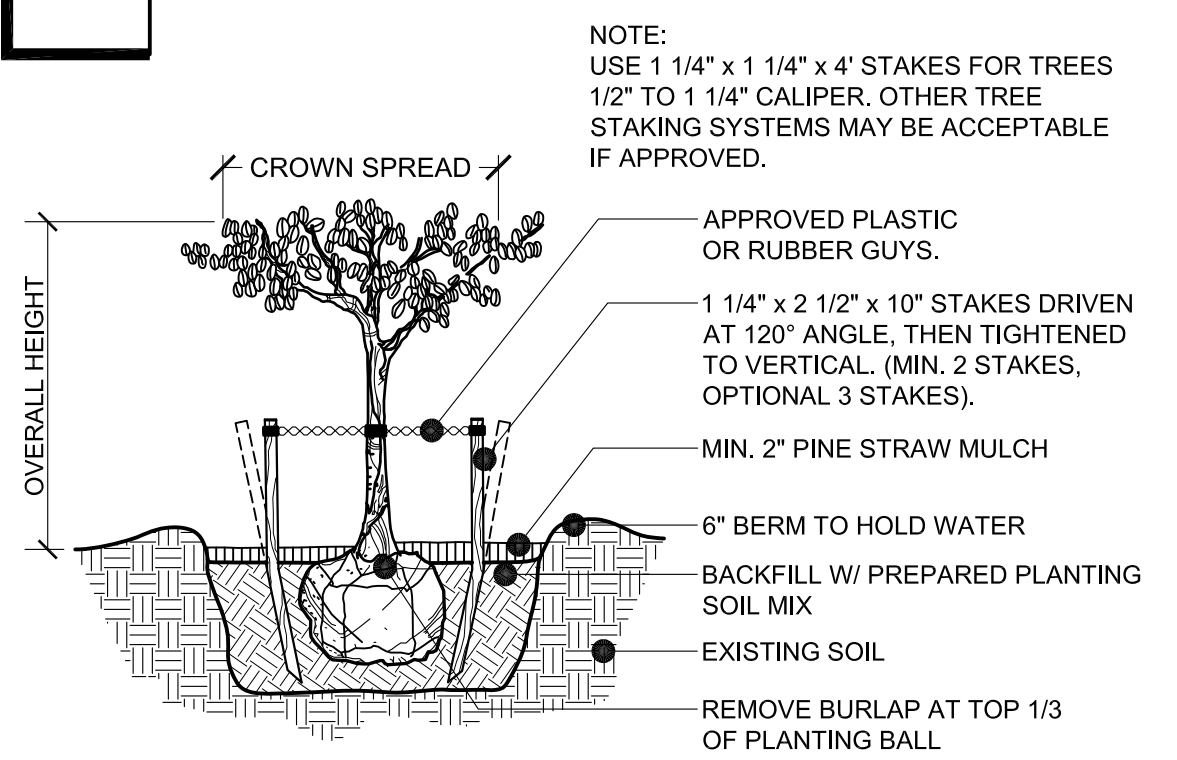
(a) Species. The Coconut Palm is one species of palm, which is highly susceptible to lethal yellowing disease. Some other palms, which are susceptible to lethal yellowing disease, include the Canary Island Date, Sengal Date, and Christmas Palms. This section regulates all palm species susceptible to lethal yellowing disease.

(b) Inoculations required; removal of infected or dead trees. All palms susceptible to lethal yellowing shall be inoculated three times per year, or as necessary to protect such trees from lethal yellowing disease. Disease susceptible palms located in street rights-of-way, alleys, and easements shall be the responsibility of the adjoining property owner to inoculate. Dead or infected palms shall be removed and destroyed in order to prevent the spread of this disease.

(c) Penalties. Penalties for failure to inoculate disease susceptible palms include those set out in section 98-6. As an alternative, the city may elect to inoculate such trees or remove infected trees on private property, and shall assess the costs thereof to the owner of the property.



LARGE TREE TYPICAL PLANTING DETAIL



SMALL TREE PLANTING DETAIL

Δ REV 01-26-19 HEDGE ADDED ALONG MCGREGOR BLVD.

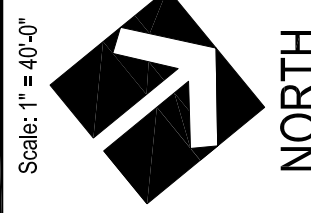
CITY WALK FORT MYERS

Scale: 1" = 40'-0"

Designed By: CFI
Date: 12-20-18
Drawn By: CFI

CM6

PREPARED FOR: MR. JOE BONORA
FORT MYERS, LEE COUNTY, FLORIDA



NORTH

CODE MINIMUM LANDSCAPE
NOTES

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