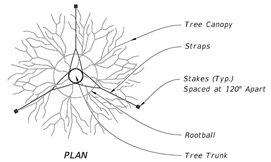
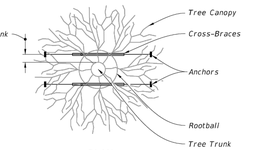


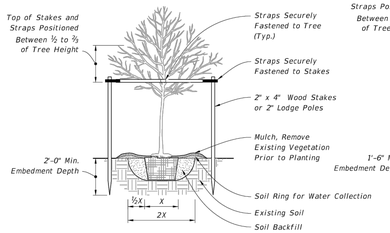
PLAN



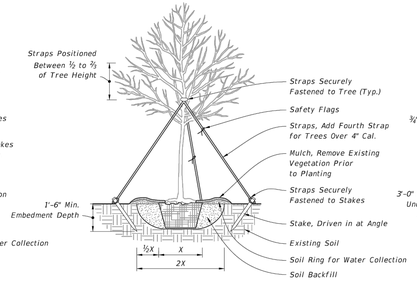
PLAN



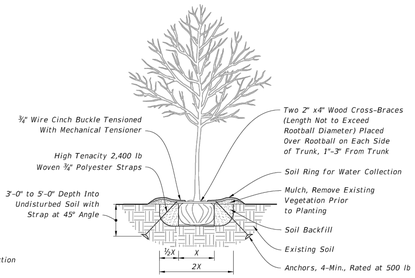
PLAN



ELEVATION



ELEVATION



ELEVATION

UNDER 2½" CALIPER TREE PLANTING

2½" TO 6" CALIPER TREE PLANTING

UNDER 4" CALIPER TREE PLANTING WITH UNDERGROUND BRACING

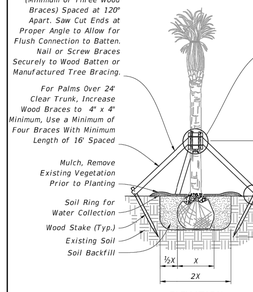
GENERAL NOTES:

1. *Staking guidelines are based on standard horticultural requirements and are provided for plant establishment purposes only. Details not intended to apply when bracing is intended to address safety considerations. When bracing for safety, refer to Designer generated signed and sealed details. These guidelines are not intended to apply when the tree or palm is within falling distance of a roadway, pedestrian or bicycle route, under extreme wind loads, non-standard soil properties, non-standard plant dimensions, or when rootball is anticipated to be greater than 4 feet diameter and planted on 1:3 slope or steeper.*
2. *All dimensions 6" and less are exaggerated for illustrative purposes only. Dimensions shown for wood materials are nominal. Slopes shown are Vertical:Horizontal.*
3. *Remove plant containers prior to planting. Remove a minimum of the top 1/3 of burlap, fabric, or wire mesh for plants not grown in containers.*
4. *Allow no more than 1" of soil to cover the uppermost root on all trees. Set the top of rootball 1"-2" above finish grade after settling and set plumb to the horizon.*
5. *Backfill with loosened existing soil or as shown in the plans. Remove rocks, sticks, or other deleterious material greater than 1" in any direction prior to backfilling. Water and tamp to remove air pockets. Contact the Engineer prior to planting if existing soils contain excessive sand, clay, or other material not conducive to proper plant growth.*
6. *Construct soil rings at the outer edge of the planting pit with a height of 3" and gently sloping sides unless a permanent, subsurface or drip irrigation system is provided. Do not pile soil on top of rootball.*
7. *Construct a 3" deep layer of mulch placed 2" off the edge of the trunk flare, around the base of shrub, or solidly around ground cover. Never pile mulch against the tree trunk.*
8. *Install guying with minimum 1" wide nylon or polypropylene straps with a minimum 600 lb. break strength. Check straps monthly and adjust as required to eliminate girdling of tree. Locate all wood stakes beyond the edge of soil ring in existing soil and embed a minimum of 18" below finished grade unless otherwise specified. Alternate tree bracing and guying systems specified or approved by the Engineer may be used in lieu of the tree bracing and guying methods detailed on the Index.*
9. *Relocated Trees and Palms: Brace relocated trees and palms in accordance with the Contract Documents. Remove bracing at the conclusion of the contract or as directed by the Engineer. Bracing or straps must not damage or become embedded in the tree bark.*
10. *Use 2" x 2" minimum wood stakes unless otherwise shown in the Plans or directed by the Engineer. Use wood meeting #2 Common or better in accordance with the Standard Grading Rules for Southern Pine.*
11. *Drive stakes into existing, undisturbed soil. Localized compaction may be provided to prevent displacement of the stakes for previously disturbed existing soils that do not provide sufficient stability.*

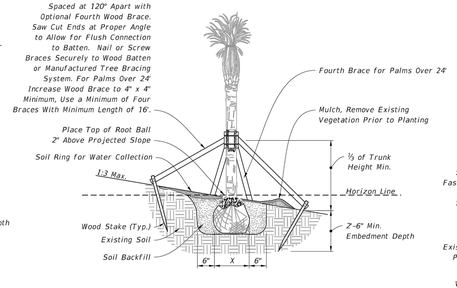
LAST REVISION	REVISION	DESCRIPTION:		INDEX	SHEET
11/01/19			FY 2024-25 STANDARD PLANS	580-001	1 of 2

LANDSCAPE INSTALLATION

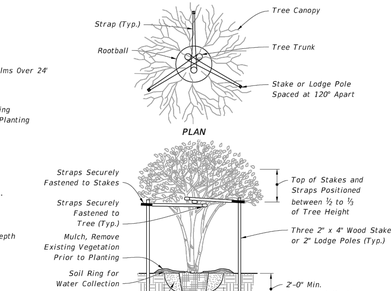
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ELEVATION



ELEVATION



PLAN

ELEVATION

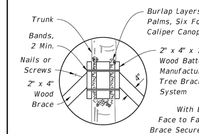
NOTE: May be used on large caliper canopy trees, adjust banding every 6 months or as needed (for fast growing species) to prevent girdling.

PALM PLANTING

NOTE: May be used on large caliper canopy trees pending slope and rootball width, adjust banding every 6 months or as needed (for fast growing species) to prevent girdling.

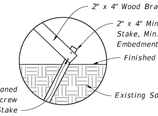
PALM PLANTING ON SLOPE

MAX 10' HT. MULTI-TRUNK TREE PLANTING



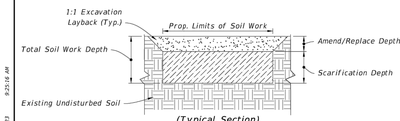
NOTE: Install bands and couplings that are rated a min. 900 lb. tensile strength, and are corrosion and UV resistant.

DETAIL "A"



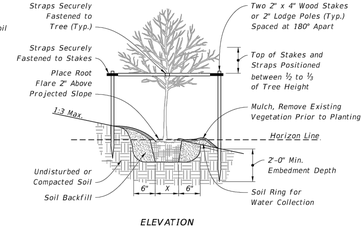
NOTE: Stake Into Firm, Existing Soil.

DETAIL "B"

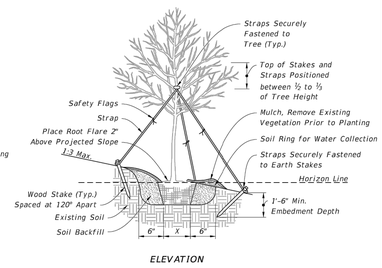


(Typical Section)

LANDSCAPE SOIL WORK



ELEVATION



ELEVATION

UNDER 2½" CALIPER TREE PLANTING ON SLOPE

2½" TO 6" CALIPER TREE PLANTING ON SLOPE

LAST REVISION	REVISION	DESCRIPTION:		INDEX	SHEET
11/01/19			FY 2024-25 STANDARD PLANS	580-001	2 of 2

LANDSCAPE INSTALLATION

10/17/2023 9:25:58 AM

LANDSCAPE NOTES

1. LANDSCAPE REQUIREMENTS

A. ALL LANDSCAPE SHALL CONFORM TO THE REQUIREMENTS OF THE GLADES COUNTY LAND DEVELOPMENT REGULATIONS.

B. LANDSCAPE CONTRACTOR SHALL REVIEW THE PROJECT DRAINAGE AND UTILITY PLANS PRIOR TO CONSTRUCTION AND AVOID ALL CONFLICTS. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING AND PLANNED UTILITIES PRIOR TO COMMENCING WORK.

2. RIGHTS-OF-WAY AND UTILITIES

A. TREES WITHIN A RIGHT-OF-WAY (ROW) BUFFER MUST BE APPROPRIATELY SIZED IN THEIR MATURE FORM TO AVOID CONFLICTS WITH OVERHEAD UTILITIES, LIGHTING, AND SIGNS.

B. WALLS, BERMS, AND BUFFER PLANTINGS MUST NOT INTERFERE WITH VEHICLE VISIBILITY.

C. ALL TREES OF SPECIES KNOWN TO CAUSE DAMAGE TO PUBLIC ROADWAYS, SIDEWALKS, AND OTHER PUBLIC WORKS/UTILITIES SHALL BE PLANTED NO CLOSER THAN 20 FEET TO SUCH INFRASTRUCTURE.

D. UTILITY OR DRAINAGE EASEMENTS MAY OVERLAP REQUIRED BUFFERS; HOWEVER, NO BUFFER TREES OR SHRUBS MAY BE LOCATED IN ANY UTILITY, DRAINAGE, OR STREET EASEMENT OR RIGHT-OF-WAY.

E. TO AVOID CONFLICTS WITH OVERHEAD UTILITY LINES, ONLY TREES THAT MATURE AT A HEIGHT OF LESS THAN 20 FEET MAY BE PLANTED DIRECTLY ADJACENT TO AN OVERHEAD LINE.

F. NO REQUIRED BUFFERS CAN BE LOCATED IN PUBLIC OR PRIVATE ROAD RIGHTS-OF-WAY.

G. NO REQUIRED BUFFERS OR LANDSCAPING CAN BE LOCATED IN UTILITY EASEMENTS WITHOUT THE WRITTEN APPROVAL OF THE UTILITY.

3. PLANT MATERIAL STANDARDS

A. QUALITY: PLANT MATERIALS USED MUST MEET THE STANDARDS FOR FLORIDA NO. 1 OR BETTER, AS SPECIFIED IN GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I AND II, DEPARTMENT OF AGRICULTURE, STATE OF FLORIDA (AS AMENDED).

B. NATIVE PLANTINGS: AT LEAST 75% OF THE TREES AND SHRUBS USED MUST BE NATIVE FLORIDA SPECIES (SOUTH FLORIDA WATER MANAGEMENT DISTRICT XERISCAPE-APPROVED TREES AND SHRUBS QUALIFY).

C. MULCH REQUIREMENTS: A MINIMUM TWO-INCH LAYER OF MULCH, ROCK, OR OTHER RECYCLED MATERIALS MUST BE PLACED AND MAINTAINED AROUND ALL NEWLY INSTALLED TREES, SHRUBS, AND GROUND COVER PLANTINGS. EACH TREE MUST HAVE A MULCH RING EXTENDING AT LEAST 24 INCHES BEYOND ITS TRUNK IN ALL DIRECTIONS. THE USE OF CYPRESS MULCH IS STRONGLY DISCOURAGED.

D. GROUND COVER PLANTINGS: GROUND COVER PLANTINGS ARE ENCOURAGED AS A SUPPLEMENT TO THE OTHER BUFFER REQUIREMENTS DESCRIBED HEREIN.

4. OTHER BUFFER PLANTING REQUIREMENTS

A. BUFFER PLANTINGS MUST BE A MINIMUM OF 24 INCHES IN HEIGHT AT THE TIME OF PLANTING.

B. BUFFER PLANTINGS MUST BE IN A MINIMUM THREE-GALLON CONTAINER SIZE AND SPACED 18 TO 36 INCHES ON CENTER.

C. BUFFER PLANTINGS MUST REACH AT LEAST 36 INCHES IN HEIGHT WITHIN ONE YEAR OF PLANTING AND MUST BE MAINTAINED PERPETUALLY AT A MINIMUM HEIGHT OF 36 INCHES ABOVE THE FINAL GRADE LEVEL OR ADJACENT PAVEMENT TO BE BUFFERED OR SCREENED, WHICHEVER IS HIGHER, EXCEPT AT INTERSECTIONS AND WHERE PEDESTRIAN ACCESS IS PROVIDED.

D. REQUIRED HEDGES MUST BE PLANTED IN DOUBLE STAGGERED ROWS AND MAINTAINED TO FORM A CONTINUOUS, UNBROKEN, SOLID VISUAL SCREEN WITHIN ONE YEAR OF PLANTING.

5. INSTALLATION REQUIREMENTS

A. PLANT MATERIALS MUST BE INSTALLED IN SOIL CONDITIONS CONDUCIVE TO PROPER GROWTH. SOILS UNSUITABLE FOR PLANTINGS MUST BE REPLACED WITH QUALITY SOIL BEFORE PLANTING.

B. A PLANT'S GROWTH HABIT MUST BE CONSIDERED TO PREVENT CONFLICTS (E.G., VIEWS, SIGNAGE, OVERHEAD POWER LINES, LIGHTING, AND CIRCULATION).

C. TREES MAY NOT BE PLACED WHERE THEY INTERFERE WITH SITE DRAINAGE, SUBSURFACE UTILITIES, OR OVERHEAD UTILITY LINES, OR WHERE FREQUENT PRUNING WOULD BE REQUIRED TO AVOID INTERFERENCE WITH OVERHEAD POWER LINES.

D. ALL LANDSCAPE MATERIALS MUST BE INSTALLED IN A RECOGNIZED HORTICULTURAL MANNER. AT A MINIMUM, THE FOLLOWING MUST BE MET:

E. ALL LANDSCAPE AREAS MUST BE MULCHED UNLESS VEGETATIVE COVER IS ALREADY ESTABLISHED.

F. TREES AND SHRUBS IN BUFFERS MUST BE PLANTED IN AN AREA WITH A MINIMUM WIDTH OF HALF THE REQUIRED BUFFER WIDTH, BUT NO LESS THAN FIVE FEET.

G. REQUIRED PLANTS IN BUFFERS AND LANDSCAPING MUST, TO THE EXTENT POSSIBLE, BE INSTALLED USING XERISCAPE PRINCIPLES. XERISCAPE PRINCIPLES INCLUDE DROUGHT-TOLERANT LANDSCAPING, APPROPRIATE PLANT MATERIAL SELECTION, GROUND COVER, MULCHING, AND TURF AREA REDUCTION. LANDSCAPING MUST HAVE ADEQUATE WATER TO ESTABLISH AND SURVIVE.

H. SAFE SIGHT DISTANCE TRIANGLES AT INTERSECTIONS AND VEHICLE CONNECTIONS MUST BE MAINTAINED.

6. MAINTENANCE REQUIREMENTS
THE PROPERTY OWNER IS RESPONSIBLE FOR MAINTAINING THE REQUIRED LANDSCAPING IN A HEALTHY CONDITION AT ALL TIMES. LANDSCAPING AND BUFFERS MUST BE MAINTAINED AS FOLLOWS:

A. DEAD OR DISEASED VEGETATION/TREES MUST BE REMOVED AND REPLACED IMMEDIATELY WITH HEALTHY VEGETATION OR TREES.

B. DEBRIS, INCLUDING TRASH, MUST BE REMOVED REGULARLY TO PREVENT ACCUMULATION.

C. TREE AND PALM STAKING MUST BE REMOVED WITHIN 12 MONTHS OF INSTALLATION.

D. ONGOING MAINTENANCE MUST PROHIBIT THE ESTABLISHMENT OF PROHIBITED INVASIVE EXOTIC SPECIES.

E. SHRUBS WITHIN SIGHT LINE TRIANGLES MUST BE MAINTAINED AT 2 ½ FEET OR UNDER TO ENSURE SAFE SIGHT LINES, PER LDC SECTION 125-201

GENERAL PLANTING NOTES PURSUANT TO GLADES COUNTY CODE OF ORDINANCES § 125-217

1. TREES WITHIN A ROW BUFFER MUST BE APPROPRIATELY SIZED IN THEIR MATURE FORM SO THAT CONFLICTS WITH OVERHEAD UTILITIES, LIGHTING AND SIGNS ARE AVOIDED.
2. HEDGES MUST BE PLANTED IN DOUBLE STAGGERED ROWS AND BE MAINTAINED SO AS TO FORM A 36-INCH HIGH CONTINUOUS VISUAL SCREEN WITHIN ONE YEAR AFTER TIME OF PLANTING.
3. WALLS, BERMS AND BUFFER PLANTINGS MUST NOT BE PLACED SO THEY INTERFERE WITH VEHICLE VISIBILITY.
4. RIGHTS-OF-WAY AND UTILITIES. ALL TREES OF SPECIES WHOSE ROOTS ARE KNOWN TO CAUSE DAMAGE TO PUBLIC ROADWAYS, SIDEWALKS AND OTHER PUBLIC WORKS/UTILITIES SHALL BE PLANTED SO AS TO BE NO CLOSER THAN 20 FEET TO THE PUBLIC WORKS/UTILITIES. UTILITY OR DRAINAGE EASEMENTS MAY OVERLAP REQUIRED BUFFERS; HOWEVER, NO BUFFER TREES OR SHRUBS MAY BE LOCATED IN ANY UTILITY DRAINAGE OR STREET EASEMENT OR RIGHT-OF-WAY. TO AVOID CONFLICTS WITH OVERHEAD UTILITY LINES, ONLY TREES LESS THAN 20 FEET IN HEIGHT AT MATURITY MAY BE USED DIRECTLY ADJACENT TO AN OVERHEAD LINE. NO REQUIRED BUFFERS CAN BE LOCATED IN PUBLIC OR PRIVATE ROAD RIGHTS-OF-WAY. NO REQUIRED BUFFERS OR LANDSCAPING CAN BE LOCATED IN UTILITY EASEMENTS WITHOUT THE WRITTEN APPROVAL OF THE UTILITY.
5. 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 SET OUT IN GRADES AND STANDARDS FOR NURSERY PLANTS, PARTS I AND II, DEPARTMENT OF AGRICULTURAL, STATE OF FLORIDA (AS AMENDED).
   b. NATIVE PLANTINGS. AT LEAST 75 PERCENT OF THE TREES AND SHRUBS USED TO FULFILL THESE REQUIREMENTS MUST BE NATIVE FLORIDA SPECIES (SOUTH FLORIDA WATER MANAGEMENT DISTRICT XERISCAPE APPROVED TREES AND SHRUBS QUALIFY).
6. OTHER BUFFER PLANTINGS REQUIREMENTS:
   a. BUFFER PLANTINGS MUST BE A MINIMUM OF 24 INCHES IN HEIGHT AT TIME OF PLANTING.
   b. BUFFER PLANTINGS MUST BE A MINIMUM THREE-GALLON CONTAINER SIZE AND BE SPACED 18 TO 36 INCHES ON CENTER.
   c. BUFFER PLANTINGS MUST BE AT LEAST 36 INCHES IN HEIGHT WITHIN ONE YEAR OF THE TIME OF PLANTING AND MAINTAINED IN PERPETUITY AT A HEIGHT OF NO LESS THAN 36 INCHES ABOVE THE FINAL GRADE LEVEL OR THE ADJACENT PAVEMENT REQUIRED TO BE BUFFERED OR SCREENED, WHICHEVER IS HIGHER, EXCEPT FOR VISIBILITY AT INTERSECTIONS AND WHERE PEDESTRIAN ACCESS IS PROVIDED.
   d. REQUIRED HEDGES MUST BE PLANTED IN DOUBLE STAGGERED ROWS AND MAINTAINED SO AS TO FORM A CONTINUOUS, UNBROKEN, SOLID VISUAL SCREEN WITHIN ONE YEAR AFTER TIME OF PLANTING.
7. MULCH REQUIREMENTS. A TWO-INCH MINIMUM LAYER, AFTER WATERING-IN, OF MULCH, ROCK OR OTHER RECYCLED MATERIALS MUST BE PLACED AND MAINTAINED AROUND ALL NEWLY INSTALLED TREES, SHRUBS, AND GROUND COVER PLANTINGS. EACH TREE MUST HAVE A RING OF MULCH NO LESS THAN 24 INCHES BEYOND ITS TRUNK IN ALL DIRECTIONS. THE USE OF CYPRESS MULCH IS STRONGLY DISCOURAGED.
8. GROUND COVER PLANTINGS ARE ENCOURAGED AS A SUPPLEMENT TO THE OTHER BUFFER REQUIREMENTS DESCRIBED HEREIN.

FOR PLANT SELECTION AND XERISCAPE APPROVED SPECIES REFER TO SOUTH FLORIDA WATER MANAGEMENT DISTRICT PLANT GUIDE, AVAILABLE AT:
HTTPS://WWW.SFWMD.GOV/SITES/DEFAULT/FILES/DOCUMENTS/WWO_WATERWISE_ALL.PDF AND
HTTPS://WWW.SFWMD.GOV/DOCUMENT/WATERWISE-SOUTH-FLORIDA-LANDSCAPES-PLANT-GUIDE

DATE	DESCRIPTION	ENGINEER	CAD
4/20/26	REVISED GRADING PER FDOT MODIFICATIONS	TL	PDC
1/08/26	REVISED PER WWTP SITE	TL	GL
8/29/23	REVISED PER CONTRACTOR COMMENTS	TL	PDC/JQ
8/2/23	REVISED WETLAND GRADIENT AND IMPERMEABLE BARRIERS COMMENTS	TL	PDC
7/5/23	REVISED PER SFWMD LETTER COMMENTS DATED 6/26/23	TL	PDC/CC
4/25/23	REVISED AS PER COUNTY LETTER DATED 4/25/23	SLD	JCS/AA

THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGNS PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADOPTION BY STEVEN L. DOBBS, P.E., SHALL BE WITHOUT LIABILITY TO NEWLINES ENGINEERING & SURVEY AND STEVEN L. DOBBS ENGINEERING, LLC.

LANDSCAPING NOTES

PHASE 1 - COMMERCIAL AREAS

LOCATED IN SECTIONS 34&35, TOWNSHIPS 38&39 SOUTH, RANGE 34 EAST, GLADES COUNTY, FLORIDA

NEWLINES LAND CONSULTANTS
STEVEN L. DOBBS, P.E.
FLORIDA CERTIFICATE OF AUTHORIZATION NO. 00029206
STEVEN L. DOBBS ENGINEERING, LLC
1062 JAKES WAY OKEECHOBEE, FL 34974, PHONE (863) 824-7644

PROJECT No.	21534
DRAWN BY	YB/MB
SCALE	NTS
DATE	4/28/2026
SHEET No.	20 OF 21

Z:\2021\21534-Steven Dobbs- Harvey Estates\CAD (2)\04-COMMERCIAL\1.1 SHUL AND MIKVAH\1.1 COMMERCIAL SHEET.DWG 2026-04-28