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planning

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LANDSCAPE

PLAN Revision Dates

SEPTEMBER 2016

Sheet Number LP-1



Date -SEPTEMBER 2016

Sheet Number LP-2

Seal -

09.12.2016 LA1600

**GENERAL NOTES:** for Nursery Plants" of the state of Florida, Department of Agriculture.

I. PLANT MATERIAL: All plant material shall be Florida #1 or better as established by "Grades and Standards

2. All trees, shrubs and groundcovers shall be of the sizes as specified in the Plant List.

3. Quantities listed on the the Plant List are for estimating purposes. Contractor shall verify all quantities. Mulch, topsoil, fertilizer, etc. shall be included in the unit cost of the plants.

4. Where there is a discrepancy either in quantities, plant names, sizes or specifications between the plan or plant list, the plan takes precedence.

eucalyptus or florimulch grade 'B' or better. 6. The Planting Plan shall be installed in compliance with all existing codes and applicable deed restrictions. 1. SOD: All areas not used for buildings, vehicular use areas, walks or planting beds shall be grassed. Grassing shall extend to any abutting street pavement edge and to the mean waterline of any abutting canal,

5. All planting beds and water basins for trees shall be covered with a 3" minimum depth of shredded

8. PLANTING SOIL: All trees and shrubs shall be planted with a minimum of 12" topsoil around and beneath the rootball. Minimum topsoil shall be 6" for groundcover areas and 2" for sodded grass areas.

9. Planting soil to be a weed-free mixture of 50% sand, 40% muck, and 10% Canadian peat. All plant material to receive planting soil as per details.

10. Contractor is responsible for determining all utility locations and installing facilities so as to not conflict. All damage to existing utilities or improvements caused by Contractor shall be repaired at no additional

II. Contractor to notify "Sunshine State One Call of Florida, Inc." at 1-800-432-4770 Two Full Business Days prior to digging for underground utility locations.

12. Contractor shall be responsible for providing final grading of all associated planting areas.

13. After final grade, area to be raked to 6" depth and all rock and foreign inorganic materials removed and disposed of properly off-site.

14. All planting holes to be hand dug except where machine dug holes will not adversely affect or damage utilities or improvements (see note 8).

15. No plunging of any tree or palm will be accepted. All plants to be planted at the nursery grade or slightly higher. 16. Contractor shall stake 4 guy all trees and palms at time of planting as per the appropriate detail.

Psychotria nervosa

STR 22 Strelitzia reginae

Contractor is responsible for the maintenance and/or repair of all staking and guying during warranty period and removal & disposal of staking after establishment period.

17. Fertilizer for grass areas shall be NPK 16-4-8 @ 12.5 lbs/1000 s.f. or 545 lbs/acre. Nitrogen 50% slow release form & fertilizer to include secondary micronutrients.

18. SUBSTITUTIONS AND CHANGES: All substitutions and changes shall be approved in writing prior to installation. Any discrepancies between plans, site and specifications shall be brought to the immediate attention of the Landscape Architect, the owner and governing municipality.

19. WATERING: All plant material shall be watered in at time of planting in accordance with standard nursery practices. In addition, Contractor will continue watering of plant material until substantial completion and as needed thereafter for a period of 2 months.

20. All new plant material shall be guaranteed for I year from time of final acceptance of project. Any plant material not in a healthy growing condition will be replaced by the Contractor at no additional cost to the Owner within 10 days of notification. For all replacement plant material, the warranty period shall be extended an additional 45 days beyond the original warranty period. All trees that lean or are blown over, caused by

winds less than 75 mph, will be re-set and braced by the Contractor at no additional cost to the Owner. 21. The successful bidder shall furnish to the Owner a unit price breakdown for all materials. The Owner may, at

22. No plant material will be accepted showing evidence of cable, chain marks, equipment scars, or otherwise

23. Plant material will not be accepted when the ball of earth surrounding its roots has been cracked, broken

or otherwise damaged. 24. Root-prune all trees a minimum of (8) weeks prior to planting.

25. All landscaped areas will be irrigated by an underground, automatic, rust-free irrigation system providing 100% coverage and 100% spray overlap. The system shall be maintained in good working order and designed to minimize water on impervious services and not overspray walkways. A rain sensor device shall be installed to override the irrigation cycle of the system when adequate rainfall has occurred.

26. All plant material planted within the sight distance triangle areas (see plan) shall provide unobstructed cross-visibility at a horizontal level between 30 inches and 8 feet above adjacent street grade.

27. No canopy trees shall be planted within 12 feet of a light pole. No palm species shall be planted within 6 feet of a light pole.

28. Ground cover plantings shall provide not less than 50 percent coverage immediately upon planting and 100 percent coverage within 6 months after planting.

29. Tree protection barricades shall be provided by Landscape Contractor around existing trees that may be impacted by the proposed construction. Prior to any construction a tree protection barricade inspection shall be conducted by the landscape architect, owner or governing municipality. Refer to landscape detail for tree preservation barricade fencing.

30. In all pedestrian areas, all trees and palms shall be maintained to allow for clear passage at an 8 foot

14" × 16" full, stag 2.5' oc

36" ht., 3 plants per pot

Native & Drought Tolerant 30" o.c.

Native & Drought Tolerant 32" o.c.

31. All landscape material shall be setback a minimum of 10' from any Fire Hydrant.

## (2" cal. and over) LARGE TREE PLANTING DETAIL

2× BALL DIA. --

DO NOT CUT LEADER PRUNE DAMAGED OR DEAD

◆WOOD IMMEDIATELY PRIOR

TO PLANTING AS DIRECTED

→ PROTECT TREE WITH BURLAP

BY THE LANDSCAPE ARCHITECT

' WIDE MIN. NYLON STRAPING

→MULCH, 1" DEEP ON ROOT ZONE

→ 3" BASIN FOR WATERING.

─•1/2"x2' FLUORESCENT

TRIM AS NECESSARY

— ◆MULCH, 3" DEEP

AT EQUAL SPACING (3 PER TREE)

SET CROWN OF ROOT BALL 0'-2"

2"x2"x2' STAKE. TOP TO BE

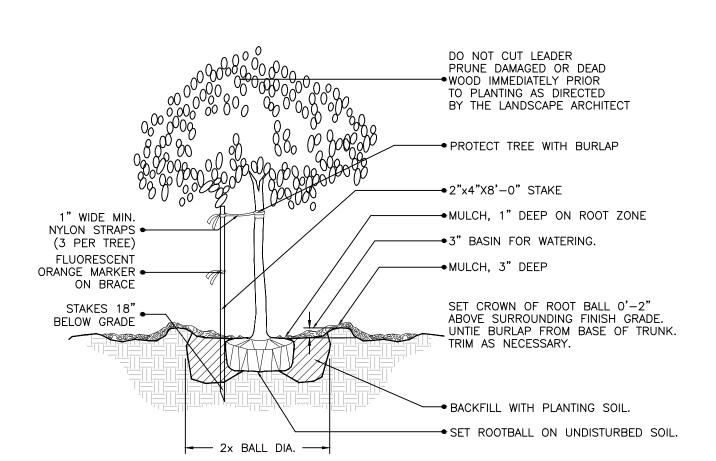
- BACKFILL WITH PLANTING SOIL.

2" MIN BELOW FINISH GRADE

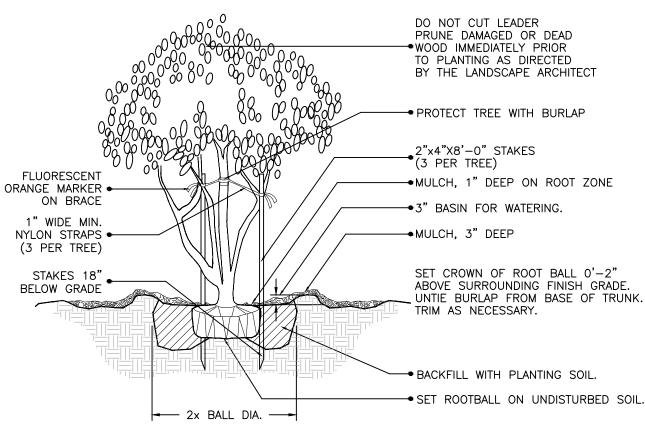
ABOVE SURROUNDING FINISH GRADE

UNTIE BURLAP FROM BASE OF TRUNK.

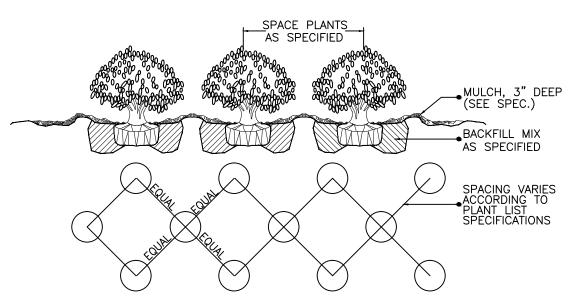
→ SET ROOTBALL ON UNDISTURBED SOIL.



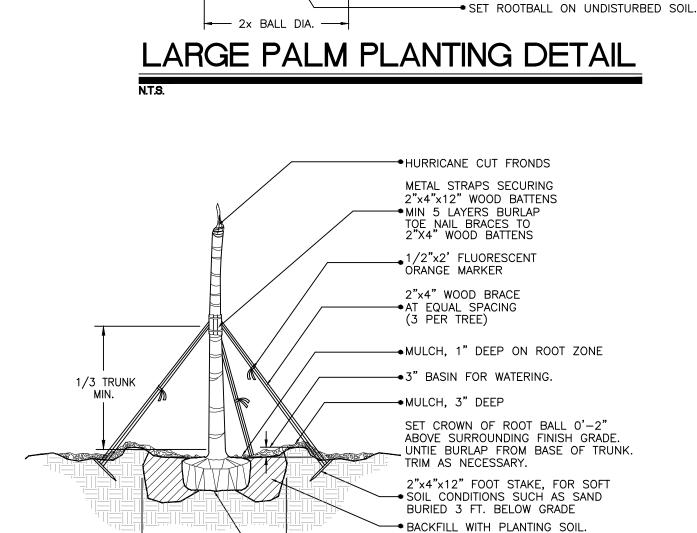
## (2" cal. and under) SMALL TREE PLANTING DETAIL



## MULTI- TRUNK AND SMALL TREE (2" cal. and under) PLANTING DETAIL



SHRUB / GROUNDCOVER SPACING / PLANTING DETAIL



1/3 TRUNK

**◆**UNTIE FRONDS

METAL STRAPS SECURING

2"x4"x12" WOOD BATTENS

◆MIN 5 LAYERS BURLAP

TOE NAIL BRACES TO 2"X4" WOOD BATTENS

1/2"x2' FLUORESCENT

ORANGE MARKER

2"x4" WOOD BRACE

3" BASIN FOR WATERING.

TRIM AS NECESSARY.

SET ROOTBALL ON UNDISTURBED SOIL.

→MULCH, 1" DEEP ON ROOT ZONE

SET CROWN OF ROOT BALL 0'-2"

2"x4"x12" FOOT STAKE, FOR SOFT

SOIL CONDITIONS SUCH AS SAND

BURIED 3 FT. BELOW GRADE

BACKFILL WITH PLANTING SOIL.

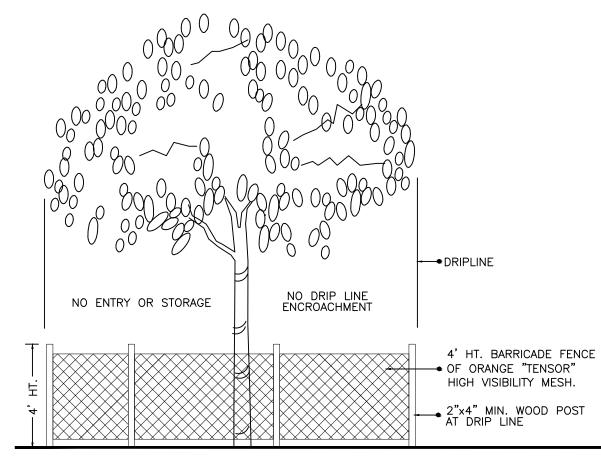
ABOVE SURROUNDING FINISH GRADE

UNTIE BURLAP FROM BASE OF TRUNK

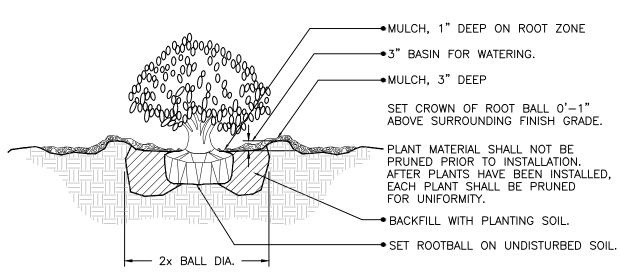
→ AT EQUAL SPACING (3 PER TREE)

→MULCH, 3" DEEP

# CIGARED SABAL PALM PLANTING DETAIL



## TREE PRESERVATION BARRICADE FENCING DETAIL



SHRUB PLANTING DETAIL

## PLANT SCHEDULE CODE QTY BOTANICAL NAME COMMON NAME <u>SIZE</u> <u>COMMENTS</u> NATIVE REMARKS Single Straight Trunk Moderate Water Needs Bulnesia arborea Verawood 12' high, 5' spr Caesalpinia granadillo Bridal Veil Tree Matched, symetrical heads Drought Tolerant coChrysophyllum oliviforme Satinleaf 12' oah, min. 2" cal., standard Native & Drought Tolerant Pitch Apple Clusia rosea 10' ht. Std, Full symmetrical heads Native & Drought Tolerant Full heads Conocarpus erectus Sericeus Silver Buttonwood 10' oah, standard Native & Drought Tolerant 14'-16' oah Delonix regia Royal Poinciana 3.5" cal, 7' spr Drought Tolerant Drought Tolerant Ligustrum lucidum Existing Ligustrum Existina See Tree Inventory Magnolia grandiflora 'DD Blanchard' 3" cal., 14'-16' oah 100 aal, 6' sp Blanchard Magnolia Drought Tolerant Quercus virainiana Live Oak 3.5" cal, 16'oah min. FG, B&B Native & Drought Tolerant Existing Sabal Palm Existing See Tree Inventory Native & Drought Tolerant REMARKS PALM TREES CODE QTY BOTANICAL NAME COMMON NAME <u>SIZE</u> <u>COMMENTS</u> <u>NATIVE</u> Wild Date Palm Phoenix sylvestris 10' ct Matched, Straight Trunk Drought Tolerant Sabal palmetto Cabbage Palmetto 16' \$ 18' oah BOOTED, FG Native & Drought Tolerant <u>SHRUBS</u> COMMON NAME <u>SPACING</u> <u>COMMENTS</u> SPACING REMARKS CODE QTY BOTANICAL NAME <u>NATIVE</u> w/trellis, train up wall/fence Drought Tolerant 60" o.c. Bougainvillea x 'Barbara Karst' Barbara Karst Bougainvillea 4' oah, staked Chamaedorea cataractarum Cat Palm 7 gal Drought Tolerant 48" o.c. SHRUB AREAS CODE QTY BOTANICAL NAME COMMON NAME <u>COMMENTS</u> FIELD3 SPACING REMARKS <u>SPACING</u> 56 Bougainvillea Dwarf 'Pink' Pink Dwarf Bougainvillea 20"x20" Drought Tolerant 24" o.c. 3 gal CAB 471 Carissa macrocarpa 'Emerald Blanket' Emerald Blanket Dwarf Natal Plum 3 gal 12" X 12", staggered 20" oc Drought Tolerant 20" o.c. 267 Ficus microcarpa 'Green Island' 20" o.c. Green Island Ficus 3 gal 10" X 10" Stag. 20" oc Drought Tolerant Dwarf Fire Bush 3 gal 24" × 20", stag 2.5' oc Native & Drought Tolerant 30" o.c. Hamelia patens 'Compacta' 6" × 6", 8" oc 8" o.c. 825 Liriope muscari 'Evergreen Giant' Evergreen Giant Border Grass Drought Tolerant Philodendron x 'Rojo Congo' Burgandy Philodendron 3 gal $20" \times 20"$ staggered 2' oc Drought Tolerant 24" o.c. 12" X 12", staggered 20" oc Podocarpus macrophyllus 'Dwarf Pringles' 3 gal 20" o.c.

3 gal

3 gal

Wild Coffee

Orange Bird Of Paradise