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GENERAL LANDSCAPE NOTES

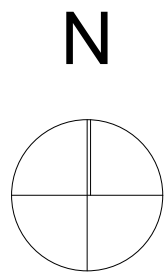
REFER TO ARCHITECTURE FOR SITE, BUILDING, AND ZONING INFORMATION.

1. The Contractor shall be responsible for verifying all underground utilities prior to digging in any area. The Contractor shall notify all necessary utility companies 48 hours minimum prior to digging for verification of all underground utilities, irrigation and all other obstructions and coordinate with Owner's Representative prior to initiating operations. Drawings are prepared according to the best information available at the time of preparing these documents.
2. The Contractor is responsible to ensure proper watering and maintenance of new and relocated materials during the warranty period.
3. Contractor is to report any discrepancies between the construction drawings and field conditions to the Owner immediately.
4. All planting materials shall meet or exceed Florida Grade # 1 as specified in Grades and Standards for Nursery Plants and Part II, Palms and Trees, current edition.
5. Contractor shall familiarize himself/herself with existing site conditions prior to initiating planting. All existing site furnishings, paving, landscape and other elements to remain shall be protected from any damage throughout all construction phases unless otherwise noted.
6. Landscape Contractor shall coordinate all work with related contractors and with the general construction of the project in order not to impede the progress of the work of others or the Contractor's own work. Landscape contractor shall provide schedule of his/her works two weeks in advance, beginning two weeks prior to commencing landscape trade construction.
7. Contractor shall be responsible to remove existing ground cover for all planting beds as specified prior to planting relocated material. Contractor shall be responsible to replace all portions of existing landscape and hardscape areas damaged while completing planting installation with same grass or materials species to the satisfaction of the Owner.
8. The Contractor shall bear all costs of testing of soils, amendments, etc. associated with the work and included in the specifications. Prior to commencement of the landscape planting work the Contractor shall provide complete soil tests with recommendations for the installation area.
9. All plant material that may need to be replaced shall be in full and strict accordance to Florida No. 1 grade, according to the "Grades and Standards for Nursery Plants", published by the Florida Department of Agriculture and Consumer Services, the project manual and/or specifications. Plant material in some cases may exceed Florida No. 1 grade in order to meet the minimum requirements for the project.
10. Landscape Contractor shall field stake the location of all plant material prior to initiating installation for the review and approval of the Owner and/or Landscape Architect.
11. Landscape Contractor shall field adjust location of plant material as necessary to avoid damage to all existing underground utilities and/or existing above ground elements. All changes required shall be completed at the Contractor's expense and shall be coordinated with the Owner and the Landscape Architect.
12. Any substitutions in size and/or plant material must be approved by the Landscape Architect or Owner prior to modification of the contract, purchasing and delivery of plants. All plants will be subject to approval by Landscape Architect and/or Owner before planting can begin. All plant materials will not include any plants considered to be invasive to South Florida's native plant communities.
13. Contractor shall refer to the landscape planting details, general notes and the project manual and/or specifications for further and complete landscape planting instructions.
14. Landscape Contractor shall coordinate all planting work with permanent or temporary irrigation work. Landscape Contractor shall be responsible for all hand watering as required by Owner to supplement irrigation watering and rainfall.
15. Landscape Contractor shall be responsible for hand watering in all planting areas, regardless of the status of existing or proposed irrigation.
16. Landscape Contractor shall clean the work areas at the end of each working day. Rubbish and debris shall be collected and deposited off-site daily. All materials, products and equipment shall be stored in an organized fashion as directed by the Owner.
17. Landscape Contractor shall regrade all areas disturbed by plant removal, relocation and/or installation work. Landscape Contractor shall replace (by equal size and quality) any and all existing plant material disturbed or damaged by plant removal, relocation, and/or installation work.
18. Guying / staking practices shall not permit nails, screws, wires etc. , to penetrate outer surface of tree or palm. Trees or palms rejected due to this practice shall be replaced at the Contractor's expense.
19. Burlap material, wire cages, plastic straps, etc. , must be cut and removed from top one - third (1/3) of root ball.
20. Trees grown in grow bags or grow bag type material are not allowed.
21. Plant size specifications take precedence over container size.
22. Contractor to verify quantities and report any discrepancies to Owner and/or Landscape Architect.
23. Remove and replace sidewalk. Reconstruct swale. Mill and resurface 2in. avg. using type S-III asphalt mix design on the driving lane. Any work and/or improvements to the right of way including landscaping and irrigation require a separate CMB Public Works Department ROW Construction Permit.
24. The locations of hardscape and landscape, as shown in these plans, are approximate. The final locations may be adjusted to accommodate unforeseen field conditions, to comply with safety setback criteria, to avoid creating unsafe sight conditions, or as otherwise directed by or approved by the landscape architect.
25. Existing grades and existing site information shown on this plan is compiled from base information supplied by the surveyor and architect. The contractor is responsible for confirmation of actual site conditions. Urban robot accepts no responsibility for existing topographic and existing site information.
26. The general contractor shall require landscape installation sub-contractor to provide a detailed report and strategy for the transplanting, staging and reuse of any existing trees or palms within the proposed landscape plans. This shall be verified and approved by the landscape architect.
27. All dimensions and layout information is referenced to coordinates points provided on the survey.
28. The contractor shall verify all existing conditions prior to the commencement of work. Any discrepancies shall be reported to the owner's representative immediately.
29. The contractor shall perform all work in accordance with all local, state and federal regulations and shall obtain all necessary permits for this project.
30. All site work shall be performed in accordance with landscape (l) and, if applicable, civil (c) drawing sets.
31. All notes and dimensions are typical unless otherwise noted.
32. All dimensions are square (parallel or perpendicular) unless otherwise noted. The contractor shall notify the owner/owner's representative immediately in the event of any discrepancies found in the documents and/or field, or of conditions uncovered in the work which are not reflected in the plans.
33. The contractor shall take every precaution to prevent damage to all utilities (both above and below ground) within the project area. Damage to any utilities as a result of actions by the contractor shall be restored by the contractor, at his expense, to conditions equal to or better than before the damage was done.
34. Any areas disturbed by equipment, material storage, demolition and/or installation procedures are to be restored to original (or better) condition by contractor before completion of project and are subject to approval by owner's representative. All existing grassed areas not adequately protected and therefore damaged during construction, shall be replaced by the contractor at no additional cost to the owner.
35. The contractor is responsible for keeping the site clean of miscellaneous debris throughout the construction period. All waste material is to be disposed of immediately to an off-site location, unless otherwise indicated on the plans.
36. Contractor is responsible for general clean-out of all drainage basins (new and existing), manholes and/or other drainage features which have accumulated sediment as a result of construction activities.
37. The contractor shall provide all equipment, labor, materials and related work necessary for the prevention and control of dust resulting from operations in the performance of work of this contract. All cost in connection there with shall be considered to be included in the various unit and/or lump sum prices bid for the various item as listed in the bid.
38. Contractor shall submit shop drawings and/or samples of all materials to landscape architect as required within the detail drawings and notes.
39. All installation shall comply with Broward County ordinances as stated in Section 47-21.9. All discrepancies shall be notified to Landscape Architect immediately.



BAY ROAD RESIDENCE

2421 N Bay Road
Miami Beach, FL 33140

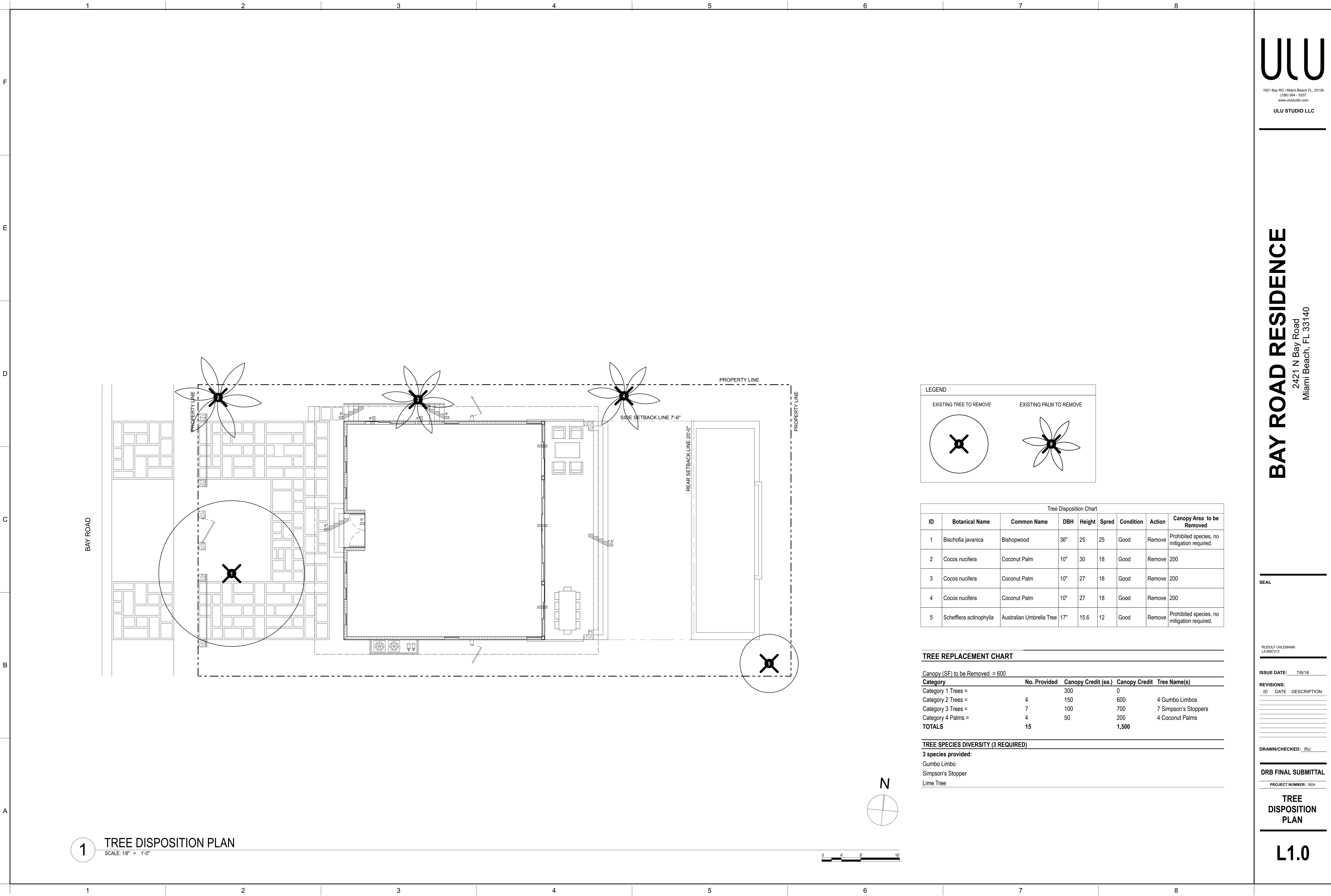


| PERMIT SET Sheet Index | |
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| L1.0 | TREE DISPOSITION PLAN |
| L2.0 | PLANTING PLAN |
| L3.0 | PLANTING DETAILS |
| L4.0 | LIGHTING PLAN |

| REVISIONS: | | |
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| ID | DATE | DESCRIPTION |
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SEAL

RUDOLF UHLEMANN
LA 6867213

ISSUE DATE: 7/6/18

REVISIONS:

ID DATE DESCRIPTION

DRAWN/CHECKED: RU

DRB FINAL SUBMITTAL

PROJECT NUMBER: 1804

TREE
DISPOSITION
PLAN

L1.0

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CARISSA MACROCARPA



AGAVE ATTENUATA



PHILODENDRON XANADU



ZAMIA PUMILA



HYMENOCALLIS LATIFOLIA



ARACHIS GLABRATA



MONSTERA DELICIOSA



ALOCASIA ODORA 'CALIDORA'



COCCOLOBA UVIFERA



PODOCARPUS MACROPHYLLUS



BURSERA SIMARUBA



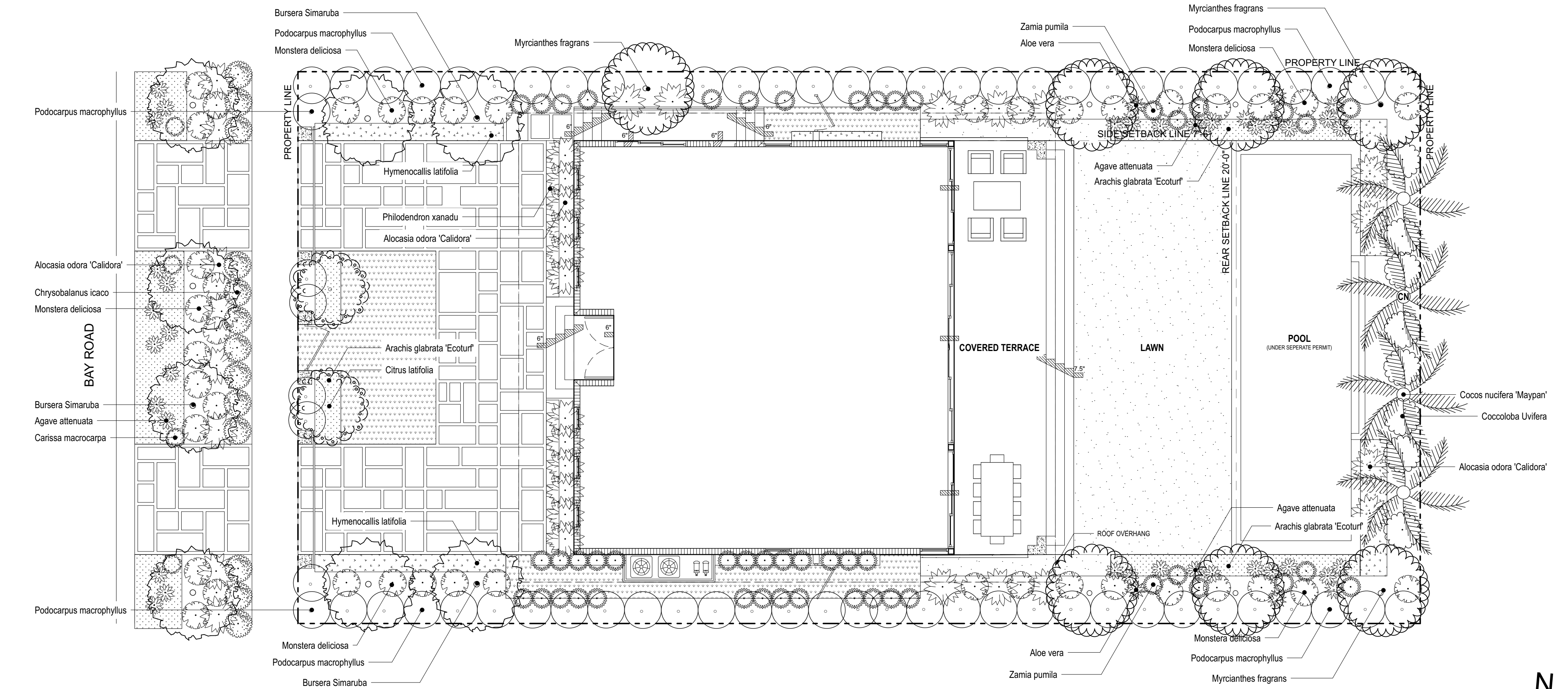
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CITRUS LATIFOLIA





COCOS NUCIFERA






1 SITE PLANTING PLAN
SCALE: 1/8" = 1'-0"

| LANDSCAPE REQUIREMENTS | | | | | | | | | |
|---|--|------|--|----------|--|------------|--|------------|----------|
| ZONING DISTRICT: | | RS-4 | | LOT AREA | | 0.17 Acres | | 7,305 s.f. | |
| | | | | | | | | REQUIRED | PROVIDED |
| <u>LAWN AREA CALCULATION</u> | | | | | | | | | |
| A. Square feet of open space required: 50% of Lot Area = | | | | | | | | 3,653 | 5,445 |
| B. Maximum lawn area (sod) permitted 50 % x 3,653 s.f. | | | | | | | | 1,826 | 864 |
| <u>TREES</u> | | | | | | | | | |
| A. Number of trees required, less existing number of trees (12' high / 2" cal min) meeting minimum requirements = | | | | | | | | | |
| 7 trees - 0 existing= | | | | | | | | 7 | 13 |
| B. % Native trees required: Number of required trees x 30% = | | | | | | | | 2 | 13 |
| C. % Drought tolerant and low maintenance: Number of required trees x 50% = | | | | | | | | 4 | 13 |
| D. Street Trees (maximum average spacing of 20' o.c.): | | | | | | | | | |
| 60 linear feet along street / 20 = | | | | | | | | 3 | 4 |
| E. Street trees located directly beneath power lines: (maximum average spacing of 20' o.c.): | | | | | | | | NA | NA |
| linear feet along street / 20 = | | | | | | | | 3 | 3 |
| F. Tree Diversity (based on number of required trees) | | | | | | | | | |
| G. Trees in Energy Conservation Zone | | | | | | | | 2 | 2 |
| <u>SHRUBS</u> | | | | | | | | | |
| A. Number of shrubs required (18" min height): (No. of required trees + No. of street trees) x 12 = | | | | | | | | 120 | 255 |
| B. % Native shrubs required: Number of required shrubs x 50% = | | | | | | | | 60 | 74 |
| C. Number of large shrubs required (min 6' high installed, 10' high once mature, 50% min native) Number of required shrubs x 10%= | | | | | | | | 12 | 21 |
| D. % Native large shrubs or small trees required: Number of large shrubs provided x 50% | | | | | | | | 11 | 21 |

| Tree Schedule | | | | | | | | | |
|---------------|----|-----|-------------------------|-------------------|--------|---------|--------|--------|------------------------------|
| Symbol | ID | Qty | Botanical Name | Common Name | Cal | Height | Spread | Native | Remarks |
| BS | 8 | 8 | Bursera Simaruba | Gumbo Limbo | 6" min | 16' min | 10' | | Collected Specimen |
| CN | 4 | 4 | Cocos nucifera 'Maypan' | Coconut Palm | 4" min | 22' | 15' | N | Collected Specimen |
| MF | 7 | 7 | Myrcianthes fragrans | Simpson's Stopper | 2" | 12' | 10' | Y | Collected Specimenmultitrunk |
| SI | 2 | 2 | Citrus latifolia | Lime Tree | | 12' | 8' | N | |

| Shrub Schedule | | | | | | | | | | |
|---|----|-----|---------------------------|-------------------------|--------|--------|------|-------|--------|---------|
| Symbol | ID | Qty | Botanical Name | Common Name | Size | Height | Spr. | Spac. | Native | Remarks |
|  | Aa | 34 | Agave attenuata | Spineless Century Plant | 5g | 18" | 24" | plan | | |
|  | Ao | 32 | Alocasia odora 'Calidora' | Giant Elephant Ear | 15g | 5' | 3' | 36" | | |
|  | Av | 7 | Aloe vera | Aloe | 3g | 24" | 24" | | | |
|  | Ci | 13 | Chrysobalanus icaco | Horizontal Cocoplum | 7 gal | 36" | 36" | 36" | Y | |
|  | Cm | 4 | Carissa macrocarpa | Natal Plum | 7 gal | 14" | 24" | 18" | Y | |
|  | Cu | 8 | Coccoloba Uvifera | Sea Grape | 15 gal | 8' | 4' | 48" | Y | |
|  | Md | 42 | Monstera deliciosa | Swiss Cheese Vine | 15 gal | 4' | 3' | | | |
|  | Pm | 66 | Podocarpus macrophyllus | Plume Pine | 25g | 6' | 3' | | | |
|  | Zp | 49 | Zamia pumila | Coontie | 7g | 24" | 14" | | Y | |

| Shrub/Groundcover Schedule | | | | | | | | | | | |
|---|----|-----|----------------------------|---------------------|------|--------|------|-------|--------|-----------|--------|
| Symbol | ID | QTY | Botanical Name | Common Name | Size | Height | Spr. | Spac. | Native | Area (sf) | Remark |
|  | ag | 424 | Arachis glabrata 'Ecoturf' | Perennial Peanut | 1g | 12" | 12" | 12" | N | 367 | |
|  | hl | 88 | Hymenocallis latifolia | Spider Lily | 3g | 24" | 18" | 18" | Y | 172 | |
|  | px | 14 | Philodendron xanadu | Philodendron xanadu | 3g | 24" | 24" | 24" | N | 47 | |

| Lawn & Permeable Surfaces | | | | |
|---------------------------|----|-------------------------|--------------------|-----------|
| Symbol | ID | Botanical Name | Common Name | Area (SF) |
| Lawn | | Stenotaphrum secundatum | St Augustine Grass | 864 |
| Artificial Turf | | - | - | 445 |

| PLANTING NOTES | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| 1. PLANT LIST QUANTITIES ARE PROVIDED FOR CONVENIENCE. IF QUANTITY DISCREPANCIES OCCUR, THE DRAWING SHALL TAKE PRECEDENCE. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. | | | | | | | | | |
| 2. PLANT SIZES LISTED ARE THE MINIMUM SIZE THAT WILL BE ACCEPTED FOR THAT PLANT. | | | | | | | | | |
| 3. PLANT SIZE SPECIFICATIONS TAKE PRECEDENCE OVER CONTAINER SIZE. | | | | | | | | | |
| 4. ANY SUBSTITUTION IN SIZE AND/OR PLANT MATERIAL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT IN WRITING. ALL PLANTS WILL BE SUBJECT TO APPROVAL BY LANDSCAPE ARCHITECT BEFORE PLANTING CAN BEGIN. | | | | | | | | | |
| 5. ALL PLANT MATERIAL SHALL BE GRADED FLORIDA FANCY. | | | | | | | | | |
| 6. CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR INTERFERE WITH EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE AND THE LANDSCAPE ARCHITECT. | | | | | | | | | |
| 7. CONTRACTOR TO LAYOUT TREES AND SHRUBS WITH THE DIRECTION OF LANDSCAPE ARCHITECT. LANDSCAPE ARCHITECT SHALL APPROVE FINAL PLANT LAYOUT PRIOR TO INSTALLATION. | | | | | | | | | |

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PLANTING PLAN

L2.0

