

MASTER LANDSCAPE LIST TREES/PALMS** PROPOSED MATERIAL Bulnesia arborea BA VERAWOOD *Bursera simaruba GUMBO LIMBO *Bursera simaruba **GUMBO LIMBO** SMALL LEAF CLUSIA *Coccoloba diversiflora PIGEON PLUM *Coccoloba diversiflora PIGEON PLUM *Conocarpus erectus GREEN BUTTONWOOD *Conocarpus erectus GREEN BUTTONWOOD Cocos nucifera

| CNe | 1 | Cocos nucifera COCONUT PALM | EXISTING PALM TO REMAIN SEE SHEET TD-1 |
|------------|-------|---|--|
| EFe | 1 | *Eugenia foetida | EXISTING TREE TO REMAIN |
| | 1 | SPANISH STOPPER | SEE SHEET TD-1 |
| LL | 2 | Latania loddigesii BLUE LATAN PALM | 8-10' O.A. HT. F.G. |
| | 4.0 | Ligustrum japonicum | 10' HT. X 10' SPR, MULTI-TRUNK |
| LJ | 18 | JAPANESE LIGUSTRUM | F.G. |
| MF | 12 | *Myrcianthes fragrans | 12' HT. X 5' SPR, 2" DBH |
| | . — | SIMPSON'S STOPPER | F.G., MULTI-TRUNK |
| PEe | 4 | Ptychosperma elegans SOLITAIRE PALM | EXISTING PALM TO REMAIN SEE SHEET TD-1 |
| DO:- | 0 | Podocarpus gracilior | RELOCATED TREE FROM ON-SITE |
| PGr | 2 | FERN PODOCARPUS | SEE SHEET TD-1 FOR ORIGINAL LOCATION |
| PE | 32 | Ptychosperma elegans 'Single' | 14-16' O.A. HT., STAGGERED F.G., SINGLE TRUNK |
| | _ | SINGLE ALEXANDER PALMS Phoenix dactylifera 'Medjool' | 12' C.T. TO NUT |
| PD | 4 | MEDJOOL DATE PALM | F.G., SPECIMEN |
| PR | 1 | Phoenix reclinata x roebelenii | 16' O.A. HT. |
| | | RECLINATA X ROEBELENII HYBRID | F.G.,MULTI-TRUNK 16' HT. X 8' SPR. 4" DBH. |
| QV | 3 | *Quercus virginiana LIVE OAK | F.G. |
| QVr | 1 | *Quercus virginiana | RELOCATED TREE FROM ON-SITE |
| <u> </u> | • | LIVE OAK | SEE SHEET TD-1 FOR ORIGINAL LOCATION |
| RE | 10 | Rhapis excelsa LADY PALM | 6-7' HT. X 4' SPR. 15 GAL., FULL CLUMP |
| REe | 1 | Roystonea elata | EXISTING PALM TO REMAIN |
| /L'C | I | FLORIDA ROYAL PALM | SEE SHEET TD-1 |
| SM | 3 | Swietenia mahagoni WEST INDIES MAHOGANY | EXISTING TREE TO REMAIN SEE SHEET TD-1 |
| 0.5 | | *Sabal palmetto | 10-14' C.T., 15-19' O.A. HTS. |
| SP | 30 | SABAL PALM | F.G., STAGGERED HTS. |
| SPr | 15 | *Sabal palmetto | RELOCATED PALM FROM ON-SITE |
| | | SABAL PALM | SEE SHEET TD-1 FOR ORIGINAL LOCATION |
| TR | 7 | *Thrinax radiata FLORIDA THATCH PALM | 6-8' O.A., SINGLE F.G. |
| \ | 40 | Veitchia montgomeryana 'Triple' | 14-16' O.A., TRIPLE |
| VM | 16 | MONTGOMERY PALM | F.G., TRIPLE TRUNK |
| | | SHRUBS AND GROUNDCOVERS | |
| YMBOL | QUAN. | PROPOSED MATERIAL | SPECIFICATIONS |
| AC | 56 | Aptenia cordifolia 'Variegata' | 8" HT. X 6" SPR. / 6" O.C. 1 GAL. |
| | | VARIEGATED BABY SUNROSE Alcantarea odorata FROM BULLIS BROM. | 3' O.A. HT. |
| AO | 8 | GIANT BROMELIAD SPECIES | 9" POT |
| AP | 39 | Alpinia purpurata | 36" HT. X 30" SPR. / 36" O.C. |
| A F | | RED GINGER | 7 GAL. |
| BG | 49 | Bougainvillea glabra 'Barbara Karst' RED BOUGAINVILLEA | 24" HT. X 24" SPR. / 24" O.C. 3 GAL. |
| 00 | 00.4 | *Clusia guttifera | 36" HT. X 24" SPR. / 24" O.C. |
| CG | 694 | SMALL LEAF CLUSIA | 7 GAL. |
| СТ | 32 | Cordyline terminalis 'Dr. Frank Brown' | 30" HT. X 24" SPR. / 30" O.C. |
| | | DR. FRANK BROWN TI PLANT *Coccoloba uvifera | 7 GAL. 48" HT. X 48" SPR. / 48" O.C. |
| CU | 230 | SEAGRAPE | 7 GAL. |
| CV | 243 | Codiaeum variegatum 'Sloppy Painter' | 22" HT. X 24" SPR. / 24" O.C. |
| Cv | 243 | SLOPPY PAINTER CROTON | 3 GAL. |
| DS | 20 | Dioon spinulosum | 36" HT. X 36" SPR. / AS SHOWN |
| | | GIANT DIOON Ficus microcarpa 'Green Island' | 15 GAL. 15" HT. X 15" SPR. / 15" O.C. |
| FM | 2,224 | GREEN ISLAND FICUS | 3 GAL. |
| FV | 2 | Furcrea foetida | 3' O.A. HT. |
| . V | | VARIEGATED FALSE AGAVE | 7 GAL. |
| MD | 270 | Monstera deliciosa SWISS CHEESE PLANT | 24" HT. X 24" SPR. / 36" O.C. |
| | _ | Microsorum scolopendrium | 3 GAL. 18" HT. X 18" SPR. / 18" O.C. |
| MS | 88 | WART FERN | 3 GAL. |
| NJ | 62 | Neoregelia johannis 'Johannis' FROM BULLIS BROM. | 10" HT. X 12" SPR. / 18" O.C. |
| | UZ | JOHANNIS BROMELIAD | 6" POT |
| OJ | 525 | Ophiopogon japonicus 'Nana' DWARF MONDO GRASS | 6" HT. X 6" SPR. / 6" O.C. 4" POT |
| DD | 700 | Philodendron 'Burle Marx' | 20" HT. X 20" SPR. / 24" O.C. |
| PB | 706 | BURLE MARX PHILODENDRON | 3 GAL. |
| PM | 74 | Podocarpus macrophyllus | 20" HT. X 20" SPR. / 24" O.C. |
| | , , | JAPANESE YEW *Sporting bakeri | 3 GAL. 24" HT. X 24" SPR. / 24" O.C. |
| SB | 545 | *Spartina bakeri SAND CORDGRASS | 24" H1. X 24" SPR. / 24" O.C. 3 GAL. |
| CT. | 40 | Sansevieria trifasciata 'Black Coral' | 24" HT. X 24" SPR. / 24" O.C. |
| ST | 10 | BLACK CORAL SNAKE PLANT | 3 GAL. |
| | | *Tripsacum dactyloides | 30" HT. X 30" SPR. / 36" O.C. |
| TD | 190 | FAKAHATOUEE ODAGO | |
| | 190 | FAKAHATCHEE GRASS Stenotaphrum secundatum 'Floratam' | 3 GAL. |

| LANDSCAPE LEGEND CITY OF MIAMI BEACH | | | | |
|---|---------------------------|----------------------|--|--|
| ZONE DISTRICT: RM-2 | | | | |
| Lot Area: 99,425 s.f. (2.28 Acres) Water Bodies: N/A | | | | |
| | REQ. | PROV. | | |
| Landscape Open Space (if applicable) Greenbelt Width (if applicable) Maximum Lawn Area (30%) | N/A N/A 29,828 s.f. | N/A N/A X s.f. | | |
| TREES: | | | | |
| Trees per Acre: 28 | 64 | 64+ | | |
| Note: 30% of required trees shall be native species 50% of the trees shall be low-maintenance and/or drought tolerant | | | | |
| Trees allowed on Upper Levels: 25% Max. of Total | 16 | 16 | | |
| PARKING LOT TREES: 1 Tree per 90 Linear Ft. Parking N/A 0 | N/A | N/A | | |
| STREET TREES: | | | | |
| 182 Linear feet along street / 20 = 9 | 9 | 4* | | |
| TOTAL NUMBER OF TREES: | 73 | 83 | | |
| Native Trees (30%) | 22 | 77 | | |
| Drought Tolerant Trees (50%) | 37 | 83 | | |
| DIVERSITY OF TREES: 31 or more species = 7 species min. | 7 | 7+ | | |
| SHRUBS: (12 shrubs per each required lot & street tree) = 12 x 73 | 876 | 3,200 | | |
| LARGE SHRUBS: (10% of required shrubs) | 88 | 108 | | |
| 50% required shrubs shall be native species. | 438 | 1,659 | | |

*NOTE: Per Sec. 126-6(1) additional street trees required in R.O.W. have been planted elsewhere on site in order to avoid conflicts with existing wide overhead canopies of Mahogany trees.

Digitally signed by Andrew M Witkin Date: 2021.05.10 10:55:25 -04'00'

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R-1

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TREE DISPOSITION PLAN

TREE DISPOSITION NOTES

POOL DECK RENDERING

GROUND FLOOR SITE PLAN RENDERING

DRB SUBMITTAL 3900 ALTON ROAD, MIAMI BEACH, FL 33140

OVERALL LANDSCAPE PLAN

SPECIFICATIONS

12' HT. X 6' SPR. 2" DBH

16' HT. X 8' SPR. 4" DBH.

12' HT. X 6' SPR. 2" DBH.

SEE SHEET TD-1

F.G., STANDARD 12' HT. X 6' SPR. 2" DBH.

SEE SHEET TD-1

SEE SHEET TD-1

F.G.

EXISTING TREE TO REMAIN

EXISTING TREE TO REMAIN

EXISTING TREE TO REMAIN

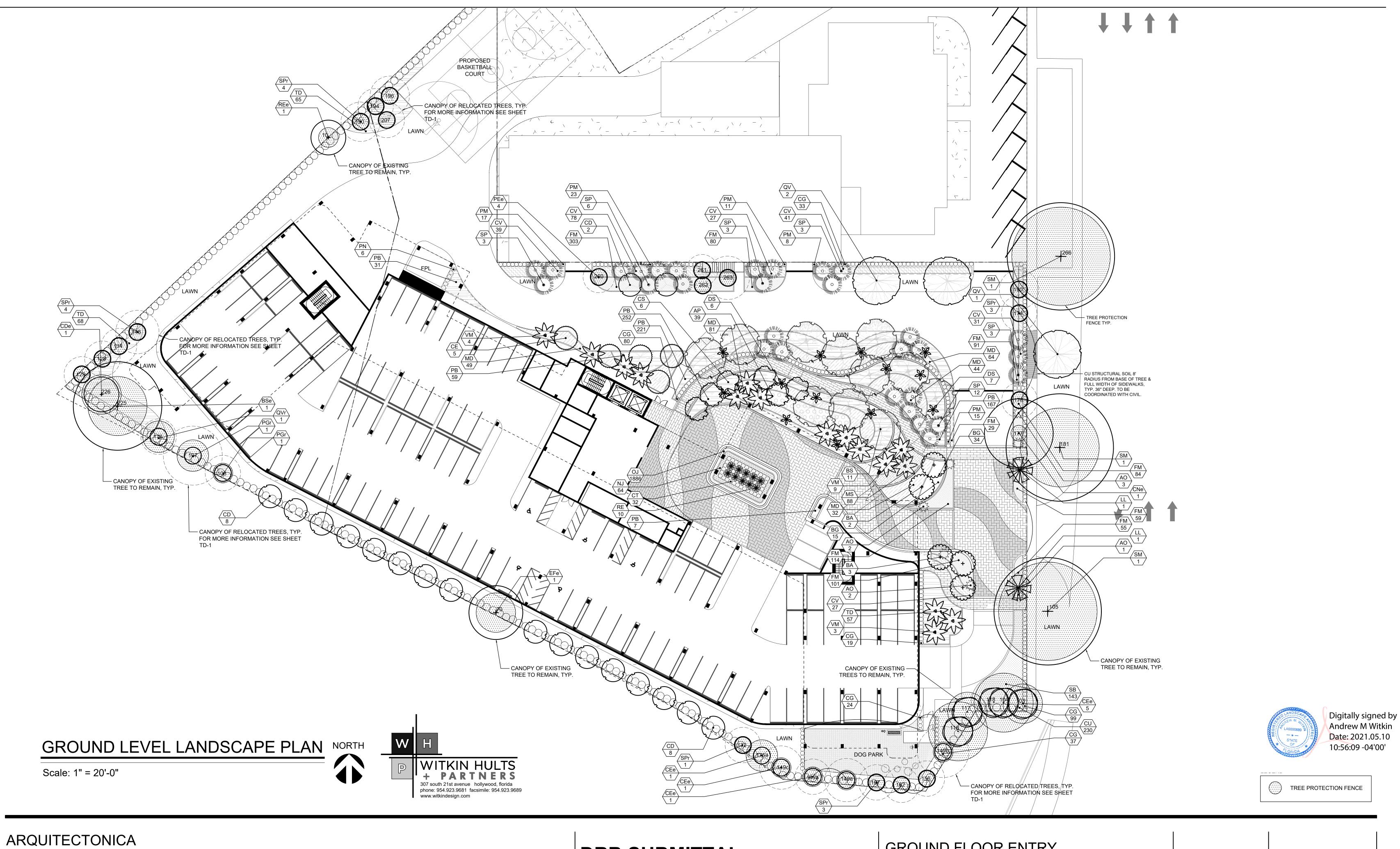
EXISTING PALM TO REMAIN

16' HT. X 8' SPR. 4" DBH.

DATE: 04/19/2021

L-01

SCALE: 1" = 40'-0"



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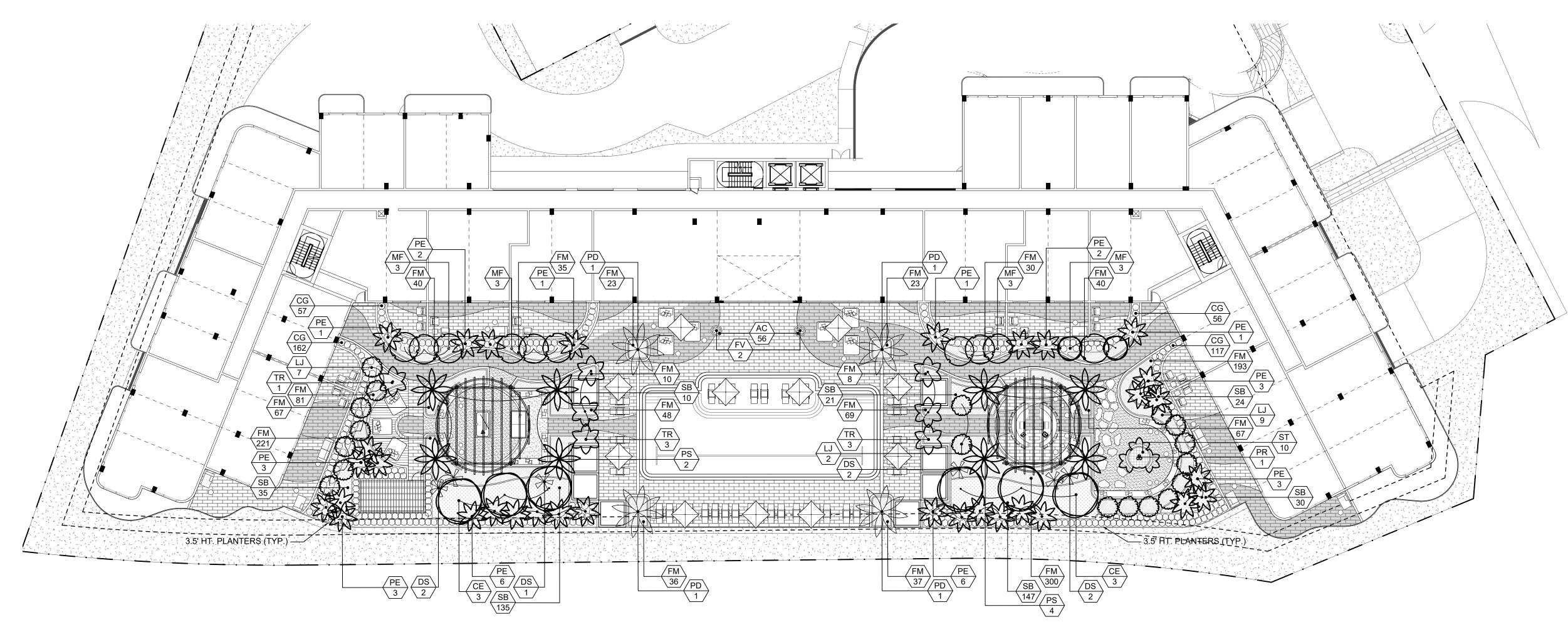
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3900 ALTON ROAD, MIAMI BEACH, FL 33140 GROUND FLOOR ENTRY LAYOUT PLAN

DATE: 04/19/2021

L-02

SCALE: 1" = 20'-0"



*NOTE: A PERMANENT TREE BRACING / SUPPORT SYSTEM SHALL BE PROVIDED FOR ALL TREES & PALMS PROPOSED ON ROOFTOP. SEE LANDSCAPE DETAILS

2ND LEVEL POOL DECK LANDSCAPE PLAN NORTH

Scale: 1" = 20'-0"



POOL DECK LANDSCAPE LIST

| TREES | | | | | | |
|--------|-------|--------------------------------|---------------------------------|--|--|--|
| SYMBOL | QUAN. | PROPOSED MATERIAL | DESCRIPTION | | | |
| CE | 6 | *Conocarpus erectus | 16' HT. X 6' SPR. 4" DBH. | | | |
| | | GREEN BUTTONWOOD | F.G. | | | |
| LJ | 18 | Ligustrum japonicum | 10' HT. X 10' SPR., MULTI TRUNK | | | |
| LJ | | JAPANESE PRIVET | F.G., MULTI-TRUNK | | | |
| | 12 | *Myrcianthes fragrans | 12' HT. X 5' SPR. 2" DBH | | | |
| MF | | SIMPSON'S STOPPER | F.G., MULTI-TRUNK | | | |
| DD | 4 | Phoenix dactylifera 'Medjool' | 12' C.T. | | | |
| PD | | MEDJOOL DATE PALM | F.G., MATCHED SPECIMENS | | | |
| DE | 32 | Ptychosperma elegans 'single' | 14-16" O.A.HT. STAGGERED, | | | |
| PE | | SINGLE ALEXANDER PALMS | F.G., SINGLE - TRUNK | | | |
| DD | 1 | Phoenix reclinata x roebelenii | 16' O.A. HT. | | | |
| PR | | PYGMY DATE PALM | F.G., MULTI-TRUNK | | | |
| DC | 6 | Phoenix sylvestris | 10' C.T. | | | |
| PS | | SILVER DATE PALM | F.G. | | | |
| TR | 7 | *Thrinax radiata | 6-8' O.A. | | | |
| | | FLORIDA THATCH PALM | F.G., MATCHED SPECIMENS | | | |

| | | SHRUBS AND GROUNDCO | VERS |
|--------|-------|---------------------------------------|-------------------------------|
| SYMBOL | QUAN. | PROPOSED MATERIAL | DESCRIPTION |
| AC | 56 | Aptenia cordifolia 'Variegata' | 8" HT. X 6" SPR. / 6" O.C. |
| | | VARIEGATED BABY SUNROSE | 1 GAL. |
| CG | 392 | Clusia guttifera | 24" HT. X 24" SPR. / 24" O.C. |
| | | SMALL LEAF CLUSIA | 3 GAL. |
| DS | 7 | Dioon spinulosum | 4-5' O.A. HT. |
| DS | | GIANT DIOON | 15 GAL., FULL |
| FM | 1328 | Ficus microcarpa 'Green Island' | 15" HT. X 15" SPR. / 15" O.C. |
| I IVI | | GREEN ISLAND FICUS | 3 GAL. |
| FV | 2 | Furcraea variegata | 3' O.A. HT. |
| I V | | VARIEGATED FALSE AGAVE | 7 GAL. |
| CD | 402 | *Spartina bakeri | 24" HT. X 24" SPR. / 24" O.C. |
| SB | | SAND CORDGRASS | 3 GAL. |
| ST | 10 | Sansevieria trifasciata 'Black Coral' | 24" HT. X 24" SPR. / 24" O.C. |
| 31 | | SNAKE PLANT | 3 GAL. |

* DENOTES NATIVE SPECIES



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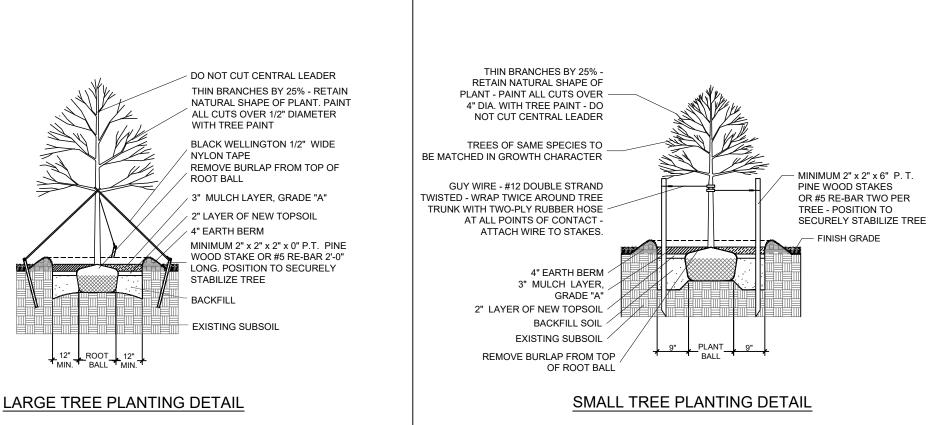
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3900 ALTON ROAD, MIAMI BEACH, FL 33140

2ND LEVEL POOL DECK LANDSCAPE PLAN

DATE: 04/19/2021

L-03



PLANT MATERIAL SHALL NOT BE

PRUNED PRIOR TO INSTALLATION

AFTER PLANT HAVE BEEN INSTALLED

3" MULCH AS SPECIFIED

OVER ALL PLANTING BEDS

SOD TO BE LAID AS PER

(SEE LANDSCAPE PLAN)

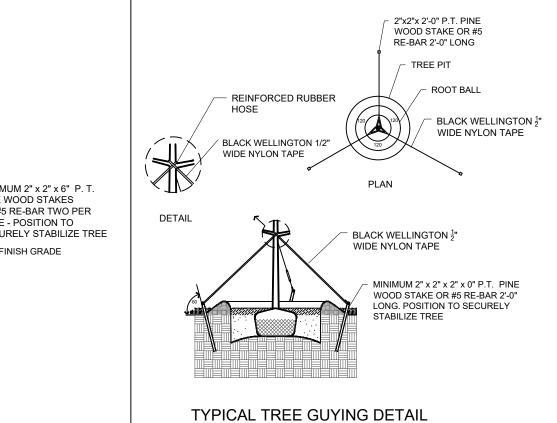
EXISTING SUBSOIL

MULCH EDGING - ALL PLANTING

SHALL RECEIVE A 4"-6" DEEP

LAYER OF MULCH

EACH PLANT SHALL BE PRUNED FOR



DISTANCE TO CENTERLINE

WILL VARY ACCORDING TO

SPECIES AND HABITAT O **GROWTH SO THAT MATURE**

ONTO SIDEWALK

TYPICAL CURB AND GUTTER

TYPICAL CONTAINER SPACING DETAIL

PLANTS WILL NOT OVER LA

DISTANCE BETWEEN PLANTS

PLANTS TO REACH MATURE SIZE WITHOUT INTERFERING WITH

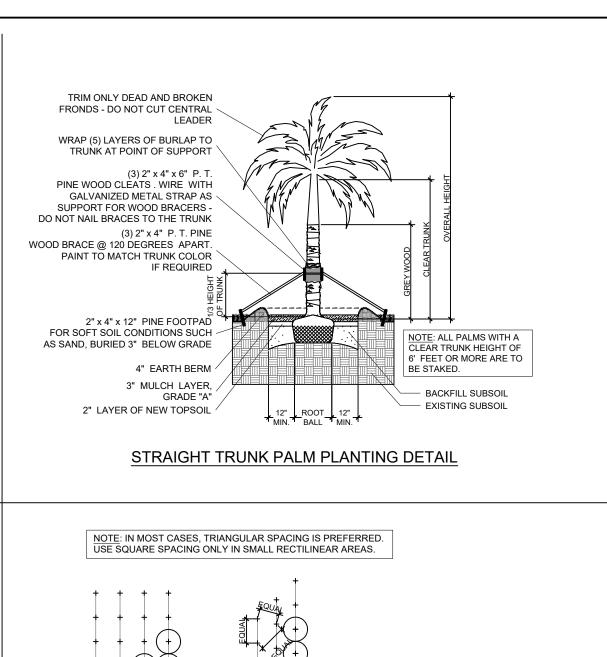
* **SPACING OF PLANTS

AS INDICATED ON PLANTING

GROWTH OF ADJACENT PLANT

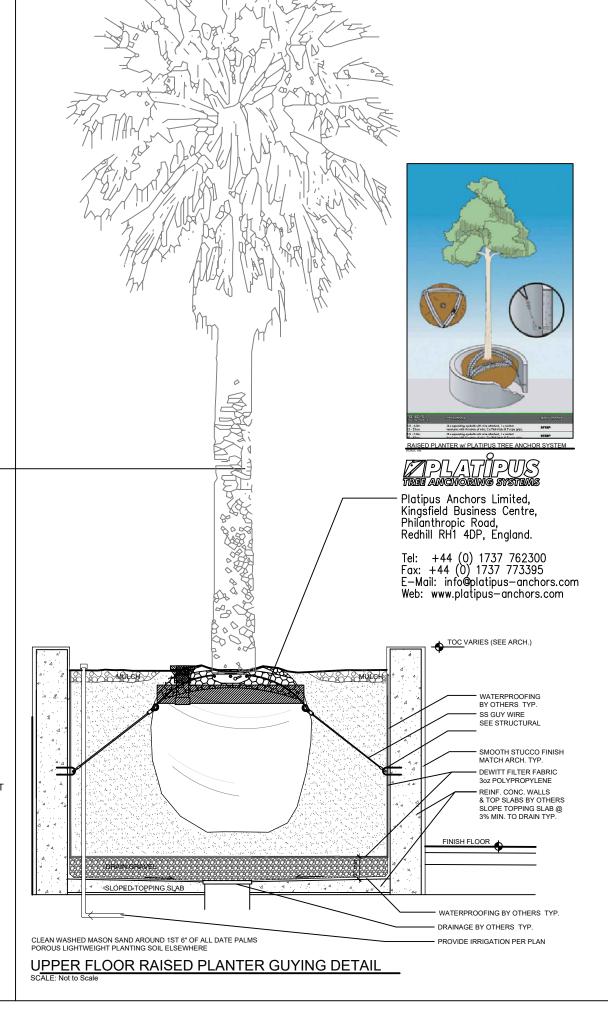
MATERIALS

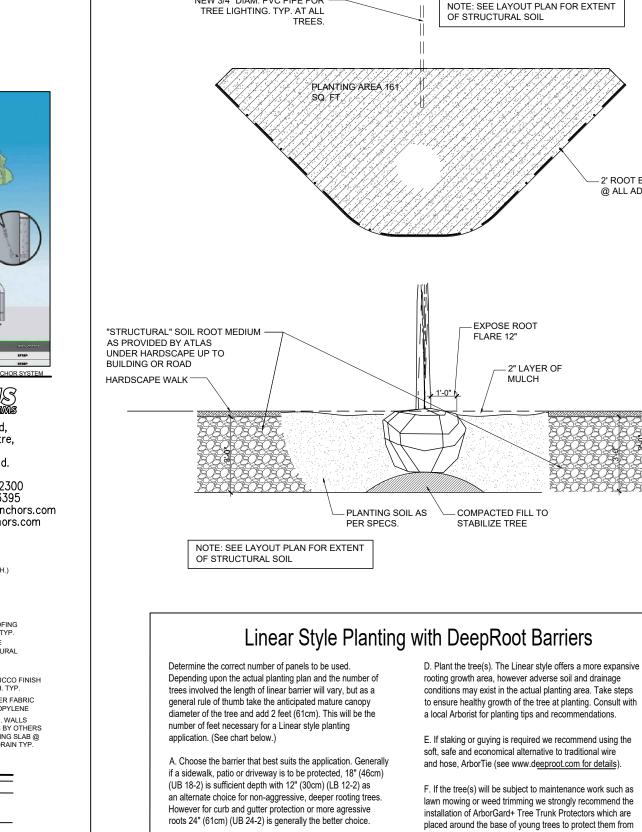
SHOULD BE FAR ENOUGH TO ALLOW



TRIANGULAR SPACING

TYPICAL GROUNDCOVER PLANTING DETAIL





PLANTING NOTES:

CURVED TRUNK PALM PLANTING DETAIL

-BRACERS

BURLAP

BRACING DETAIL

WRAP (5) LAYERS OF

POINT OF SUPPORT

NAILED TO BRACES

2 (2" x 4") WOOD

BRACERS IN " X'

SHAPE NAILED

detail above)

4" EARTH BERM

3" MULCH LAYER,

2" LAYER OF NEW

EXISTING SUBSOIL

BACKFILL SOIL

GRADE "A'

TOPSOIL

TOGETHER (see

BURLAP TO TRUNK AT

2" X 4" CROSSMEMBERS

~CROSSMEMBER

-All plant material is to be Florida Number 1 or better pursuant to the Florida Department of Agriculture's Grades and Standards for Nursery Plants

-All plants are to be top dressed with a minimum 3" layer of Melaleuca mulch, Eucalyptus mulch or equal.

-Planting plans shall take precedence over plant list in case of discrepancies.

FOR SOFT SOIL

SAND; BURIED 3"

CONDITIONS SUCH AS

-No changes are to be made without the prior consent of the Landscape Architect and Owner. Additions and or deletions to the plant material must be approved by the project engineer.

TYPICAL SHRUB PLANTING DETAIL

PLANTING SOIL

-Landscape Contractor is responsible for providing their own square footage takeoffs and field verification for 100% sod coverage for all areas specified.

- All landscape areas are to be provided with automatic sprinkler system which provide 100% coverage, and 50% overlap.
- All trees in lawn areas are to receive a 24" diameter mulched saucer at the base of the trunk.
- Trees are to be planted within parking islands after soil is brought up to grade. Deeply set root balls are not acceptable.
- Planting soil for topsoil and backfill shall be 50/50 mix, nematode free. Planting soil for annual beds to be comprised of 50% Canadian peat moss, 25% salt free coarse sand and 25% Aerolite.
- Tree and shrub pits will be supplemented with "Agriform Pells", 21 gram size with a 20-10-5 analysis, or substitute application accepted by Landscape Architect. Deliver in manufacturer's standard containers showing weight, analysis and name of manufacturer.
- Any necessary root and tree branch pruning with a diameter at breast height (DBH) of 2" or grater shall be approved by the city Urban Forester prior o any tree work.

SOD NOTES:

SQUARE SPACING

MULCH EDGING - ALL PLANT

SHALL RECEIVE A 3" DEEP

LIMIT OF SOD LINE - ALL

PLANTING SOIL MIX AS

OF 12" AND BACKFILL WITH

PREPARED PLANTING SOIL

SOD IS TO BE LAID AS PER

DRAWINGS (SEE LANDSCAPE

BEDS ADJACENT TO SOD AREAS

-Sod is to be grade "A" weed free.

-All areas marked "LAWN" shall be solid sodded with St. Augustine 'Floratam' solid sod. See limit on plan. All areas marked 'Bahia Grass' shall be solid sodded with Paspalum.

TOP OF MULCH

SHALL BE 1/2"

SUBSOIL

-Provide a 2" deep blanket of planting soil as described in planting notes this sheet. Prior to planting, remove stones, sticks, etc. from the sub soil surface. Excavate existing non-conforming soil as required so that the finish grade of sod is flush with adjacent pavement or top of curb as well as adjacent sod in the case of sod patching.

-Place sod on moistened soil, with edges tightly butted, in staggered rows at right angles to slopes.

-Keep edge of sod bed a minimum of 18" away from groundcover beds and 24" away from edge of shrub beds and 36" away from trees, measured from center of plant.

-Sod Shall be watered immediatley after installation to uniformily wet the soil to at least 2" below the bottom of the sod strips. -Excavate and remove excess soil so top of sod is flush with top of curb or adjacent pavement or adjacent existing sod.

GENERAL NOTES:

-The Landscape Contractor is to locate and verify all underground and overhead utilities prior to beginning work. Contact proper utility companies and / or General Contractor prior to digging for field verification. The Owner and the Landscape Architect shall not be responsible for any damages to utility or irrigation lines (see Roadway Plans for more utility notes).

-Landscape Contractor is to verify all current drawings and check for discrepancies and bring to the attention of the Landscape Architect prior to commencing with the work.

-All unattended and unplanted tree pits are to be properly barricaded and flagged during installation.

-All planting plans are issued as directives for site layout. Any deviations, site changes, etcetera are to be brought to the attention of the Landscape Architect for clarification prior to installation.

-Contractor shall provide a one year guarantee on all trees and palms.

damage by weed trimmers, lawn mowers and small rodents. (See www.deeproot.com) B. Dig the trench to the depth based upon the particular barrier chosen. For additional information please visit our website at www.deeproot.com C. Next place the barrier in the trench with the vertical ribs

facing toward the tree and align in a straight fashion. It is helpful to place the barrier against the hardscape. Use the hardscape as a guide and backfill against the barriers to promote a clean smooth fit to the hardscape. Be sure to keep the barrier's double top edge at least 1/2" (13mm)

above grade to ensure roots do not grow over the top.

ROOT (458.7668). For help with drainage or other difficult installation questions please call DeepRoot Technical Support at: 1 800 ROOT TEK (766.8835).

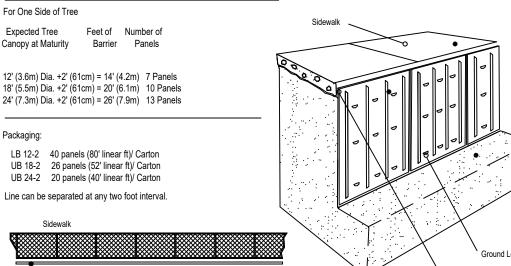
or information regarding distributors please call: 1 800 ILV

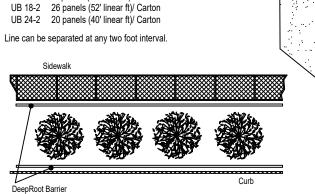
NOTE: ROOT BARRIER TO BE UB-24-2 (2FT) OR APPROVED EQUAL

@ ALL ADJACENT CURBS

- 2 FT. DEEP ROOT

As little as one side of the tree may need barrier for For a simple formula to determine the quantity of root direction as there may be no hardscape panels required for a Linear application use: elsewhere requiring protection Estimated Diameter of the Tree Canopy at Maturity -2' (61cm) = Length of Barrier per Side. DeepRoot LB 12-2, UB 18-2 or UB 24-2 For One Side of Tree Expected Tree Feet of Number of Canopy at Maturity Barrier Panels









Digitally signed by Andrew M Witkin Date: 2021.05.10 10:56:36 -04'00'



WITKIN HULTS

+ PARTNERS

phone: 954.923.9681 facsimile: 954.923.9689

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DRB SUBMITTAL

3900 ALTON ROAD, MIAMI BEACH, FL 33140

LANDSCAPE NOTES AND **DETAILS**

DATE: 04/19/2021

L-04

Top of Deeproot Barrie Must be at least 1/2"