

LANDSCAPE NOTES

1. All plant material to be Florida No.1 or better per most current version of "Grades and Standards for Nursery Plants, Part I and II," prepared by the State of Florida Department of Agriculture and Consumer Services.
2. All planting beds to be topped with 2" min. mulch "Grade A", unless otherwise noted. A two-inch layer, after watering in, of mulch 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. Red mulch is not acceptable. CYPRESS MULCH WILL NOT BE USED.
3. All trees to be staked in good workmanlike manner. No nail staking permitted. (Refer to planting details) Landscape contractor is responsible for removing trees stakes once trees are established.
4. Landscape plan shall be installed in compliance with all local codes. Local codes take precedence over Landscape plan.
5. All tree holes to be back filled around and under root ball with planting soil. All shrub beds to be installed with planing soil (see planting details).
6. Sod shall be as specified in the landscape plan. Solid sod shall be laid with alternative and abutting joints, with 2" top soil minimum if required.
7. All trees and palms are to be guaranteed for one year. All shrubs and ground covers shall be guaranteed for six months from date of final acceptance.
8. All planting beds shall be free of weeds, grass, litter, and construction debris prior to planting.
9. All trees, palms, shrubs, and groundcover plants shall be fertilized at installation with slow release fertilizer, according to manufacturer's recommendations (submit sample for approval).
10. Landscape contractor shall review all drawings and prepare his own take off and plant list prior to bid cost, and compare to Landscape Architect's plant list. Sizes specified on Landscape plan are deemed to be minimums. Landscape Contractor is responsible for attaining accurate counts of plant materials specified. In the event of discrepancies, Landscape Contractor shall bring to the attention of the Landscape Architect. Plan shall take precedence over plant list. No Exceptions!
11. Landscape Contractor shall locate and verify all underground utility prior to digging. Plantings in Easements: Utility, power, or drainage easements may overlap required buffers; however no required trees or shrubs may be located in any utility, power, or street easement or right-of-way.
12. All trees, except street trees, shall be a minimum of twelve (12) feet high and have a minimum dbh of two (2) inches at time of planting except that thirty (30) percent of the tree requirement may be met by native species with a minimum height of eight (8) feet and a minimum dbh of one and one-half (1½) inches at time of planting. Street trees shall have a clear trunk of four (4) feet, an overall height of fifteen (15) feet and a minimum dbh of three (3) inches at time of planting, and shall be provided along all roadways at a maximum average spacing of thirty (30) feet on center.
13. All shrubs must be a minimum of 18" in height at time of planting. When used as a visual screen, buffer, or hedge, shrubs shall be planted at a maximum average spacing of thirty (30) inches on center or if planted at a minimum height of thirty-six (36) inches, shall have a maximum average spacing of forty-eight (48) inches on center and shall be maintained so as to form a continuous, unbroken and solid visual screen within one (1) year after time of planting.
14. All material is subject to availability at time of installation. Substitutions MUST be cleared with Landscape Architect prior to install.
15. All newly planted areas to receive 100% coverage (with 50% overlap) by automatic irrigation system (refer to irrigation plan).
16. All existing plant material to remain shall be protected (see planting details).
17. All trees to be relocated will get root pruned a minimum of 30 days prior to relocation (more if req. by species). Upon relocation, thin out (under LA direction) 25% of tree canopy.
18. After removal/relocation of existing trees and palms, backfill tree pit with planting soil and sod disturbed area (if needed) to bring them to the same level of the surrounding areas.
19. No changes shall be made without the prior consent of the Landscape Architect and Owner.
20. Nursery Support Poles shall be removed at the Nursery, prior to delivery. Any trees delivered with nursery poles will be rejected.

TREE MAINTENANCE NOTES

1. Begin maintenance immediately after planting. Maintain all plant material until final acceptance and for a maintenance and warranty period of twelve (12) months after final acceptance.
2. Maintenance shall include but is not limited to pruning, cultivating, mowing, weeding, fertilizing, watering, and application of appropriate pesticides necessary to maintain plants in healthy condition.
 - 1) Reset settled plants to proper grade and position.
 - 2) Restore soil berm and mulch layer.
 - 3) Tighten and repair elastic guys or other supports
 - 4) Correct defective work.
 - 5) Remove and replace rejected material within one (1) working day from notification.
 - 6) Maintain mulch surface weed-free.
3. The contractor is entirely responsible for the irrigation through final acceptance and twelve- (12) month warranty period. Plant material shall receive water in accordance with the water schedule established per Irrigation Notes.

| LANDSCAPE LEGEND | | | | | | | |
|------------------|----------|--|---------------------------------|----------------|-------------------|---------|--------|
| TAG | QTY | BOTANICAL NAME | COMMON NAME | SIZE DBH | INSTALL HGT / SPR | SPACING | NATIVE |
| STREET TREES | | | | | | | |
| LAIN | 2 | Lagerstroemia indica | Crape Myrtle | 3" | 14' / 6' | 20' OC | NO |
| SITE TREES | | | | | | | |
| CODI | 3 | Coccoloba diversifolia | Pigeon Plum | 2" | 12' / 6' | N/A | YES |
| COUV | 2 | Coccoloba wifera | Sea Grape | 6" multi-trunk | 16' / 8' | N/A | YES |
| COER | 2 | Conocarpus erectus | Green Buttonwood | 2" | 12' / 6' | N/A | YES |
| GUOF | 1 | Guaiacum officinale | Lignum Vitae | 2" | 8' OA | N/A | YES |
| SITE PALMS | | | | | | | |
| DYCA | 1 | Dypsis cabadae | Cabada Palm | 8" | 14' OA | N/A | NO |
| SHRUB S | | | | | | | |
| AGSB | 9 | Aqlaonema x 'Silver Bay' | Silver Bay Aqlaonema | 3 gal | 18"-24" | 30" OC | NO |
| ALZE | 18 | Alpinia zerumbet | Shell Ginger | 7 gal | 42"-48" | 36" OC | NO |
| AMBS | 8 | Alocasia macrorrhizos 'Black Stem' | Black Stem Alocasia | 7 gal | 42"-48" | N/A | NO |
| CACY | 12 | Capparis cynophallophora | Jamaica Caper | 25 gal | 72" | 48" OC | YES |
| CALM | 23 | Calathea makoyana | Peacock Plant | 1 gal | 12" | 18" OC | NO |
| DIIR | 34 | Dietes iridioides | African Iris | 3 gal | 18" | 18" OC | NO |
| ERLI | 23 | Ernodea littoralis | Golden Creeper | 3 gal | 18" | 24" OC | YES |
| EUFO | 21 | Eugenia foetida | Spanish Stopper | 7 gal | 36" | 24" OC | YES |
| FIGI | 93 | Ficus 'Green Island' | Green Island Fig | 3 gal | 18"-24" | 24" OC | NO |
| LMBB | 212 | Liriope muscari 'Big Blue' | Liriope | 1 gal | 8" | 15" OC | NO |
| NECR | 38 | Neomarica caerulea 'Regina' | Regina Iris | 3 gal | 18" | 24" OC | NO |
| PHBM | 42 | Philodendron x 'Burle Marx' | Burle Marx Philodendron | 3 gal | 18" | 30" OC | NO |
| PIRA | 85 | Pimenta racemosa | Bay Rum | 15 gal | 6' ftb | 36" OC | NO |
| PSLI | 18 | Psychotria ligustrifolia | Bahama Coffee | 3 gal | 36" | 24" OC | YES |
| STRE | 3 | Strelitzia reginae | Bird Of Paradise | 7 gal | 36" | N/A | NO |
| TAMV | 107 | Trachelospermum asiaticum 'Minima Variegata' | Minima Variegated Asian Jasmine | 1 gal | 4" | 15" OC | NO |
| TRFL | 26 | Tripsacum floridanum | Dwarf Fakahatchee | 3 gal | 12" | 24" OC | YES |
| ZAZA | 2 | Zamioculcas zamiifolia | ZZ Plant | 3 gal | 18" | N/A | NO |
| MISCELLANEOUS | | | | | | | |
| 89GG | 154 sf | #89 Gray Granite | Loose Gravel | N/A | N/A | N/A | N/A |
| ROW | 116 sf | Stenotaphrum secundatum | St. Augustine Grass | sod | N/A | N/A | NO |
| SOD | 1,990 sf | Zovsia japonica 'Empire' | Empire Zovsia | sod | N/A | N/A | NO |

LANDSCAPE CALCULATIONS

Zoning District: **RS-4**
Net Lot Area: **0.184** acres **8,000** square feet

| OPEN SPACE | REQUIRED | PROVIDED |
|--|-------------------|-------------------|
| A. Square feet of open space as indicated on site plan | | |
| Front Yard Total: 1,500 square feet x 70% = | 1,050 s.f. | 1,050 s.f. |
| Rear Yard Total: 1,200 square feet x 70% = | 840 s.f. | 889 s.f. |

| LAWN AREA CALCULATION | REQUIRED | PROVIDED |
|---|-------------------|-------------------|
| A. Maximum lawn area (St. Augustine sod) permitted = 50 % x 4,017 square feet | 2,009 s.f. | 1,990 s.f. |

| TREES | REQUIRED | PROVIDED |
|---|--|-------------------------|
| A. # of trees required per lot (5 for 1st 6,000 s.f. + 1 for each ad. 1,000 s.f.) | 7 trees per lot | 0 existing trees |
| the existing number of trees that meet minimum requirements | | 7 trees |
| Total lot trees required/provided 7 lot trees - 0 existing trees = | 7 trees | 7 trees |
| B. Percentage of native trees required (trees per lot 7) x 30% = | 2 trees | 7 trees |
| C. Low maintenance / drought and salt tolerant required (trees per lot 7) x 50% = | 4 trees | 7 trees |
| D. Street trees (max. average spacing of 20' o.c.): 50 linear feet along street ÷ 20 = | 3 trees | 3 trees |
| | (1 Existing (#7 Crape Myrtle) + 2 New) | |
| E. Total number of trees Required = | 10 trees | 10 trees |

| SHRUBS | REQUIRED | PROVIDED |
|---|-------------------|-------------------|
| A. The total number of trees required x 12 = the number of shrubs required | 120 shrubs | 268 shrubs |
| B. The number of shrubs required x 50% = the number of native shrubs required | 60 shrubs | 88 shrubs |

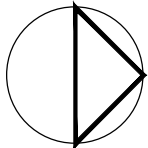
| LARGE SHRUBS OR SMALL TREES | REQUIRED | PROVIDED |
|---|------------------------|------------------------|
| A. The total number of shrubs required x 10% = the # of large shrubs small trees required | 12 large shrubs | 12 large shrubs |
| B. The number of large shrubs required x 50% = the number of native large shrubs required | 6 large shrubs | 12 large shrubs |



BRUCE HOWARD & ASSOCIATES, INC.
Landscape Architects, Site Planners & Innovative Sustainable Designers

PROJECT: **PRIVATE RESIDENCE**
1520 Stillwater Drive **Miami Beach, FL 33141**
DRAWING TITLE: **PROPOSED SITE LANDSCAPE PLAN**

DATE: 01-29-2025

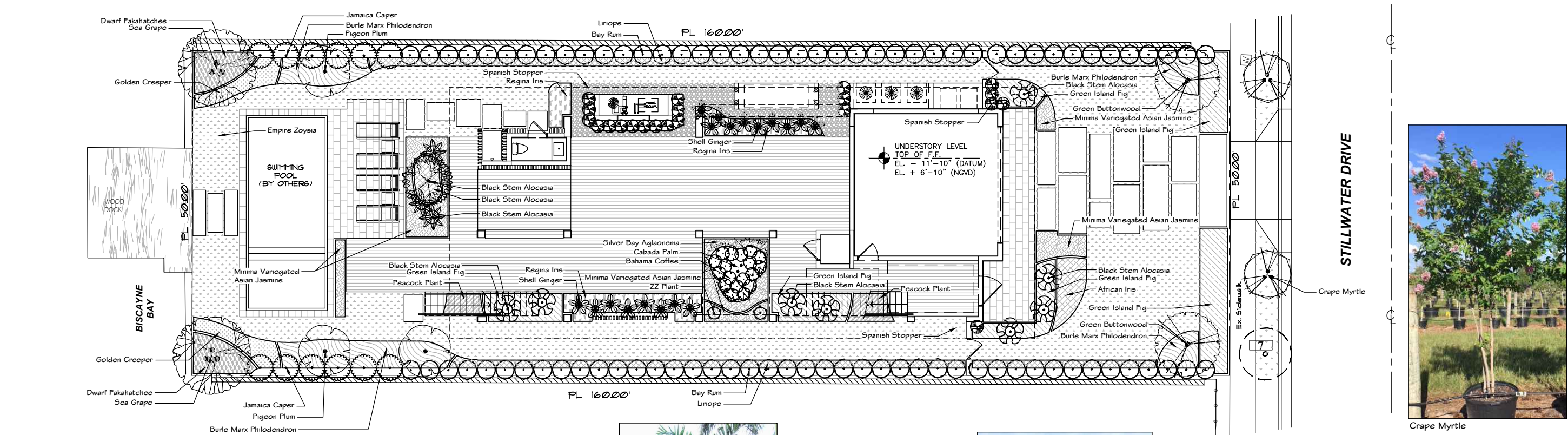


NORTH

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

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11285 SW 211 St. - Ste 301
Cutler Bay, Florida 33189
(305) 668-3196
Fax(305) 668-2871



STILLWATER DRIVE



Crape Myrtle



Sea Grape



Minima Variegated Asian Jasmine



ZZ Plant



Cabada Palm



Silver Bay Aglaonema



Lignum Vitae



Spanish Stopper



Green Buttonwood



Dwarf Fakahatchee



Golden Creeper



Peacock Plant



Shell Ginger



Bahama Coffee



Bird Of Paradise



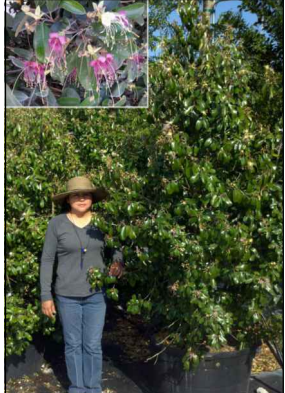
Burle Marx Philodendron



Green Island Fig



Pigeon Plum



Jamaica Caper



Bay Rum



Liriope



Regina Iris




Black Stem Alocasia



African Iris



Minima Variegated Asian Jasmine

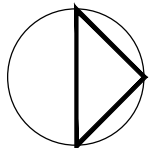


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PROJECT: **PRIVATE RESIDENCE**
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DRAWING TITLE: **LANDSCAPE PLANT PHOTOS**

DATE: 01-29-2025

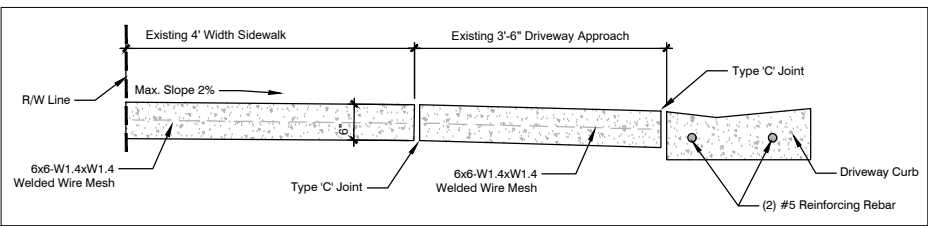
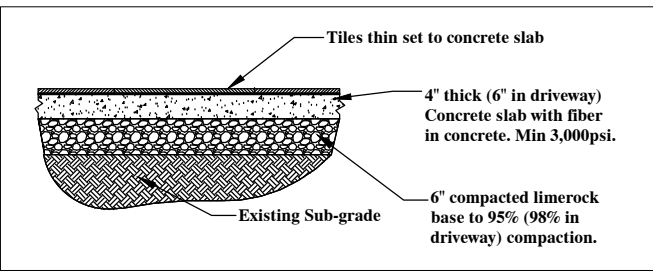
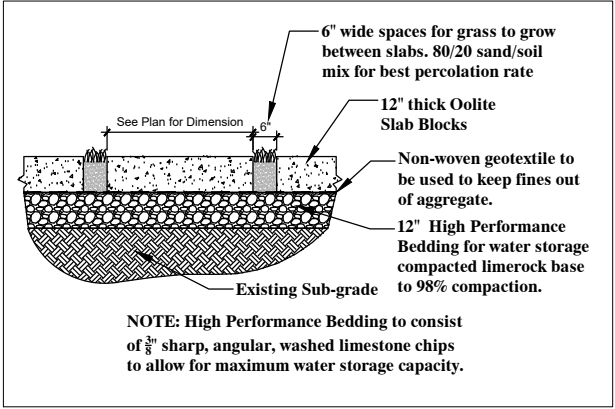
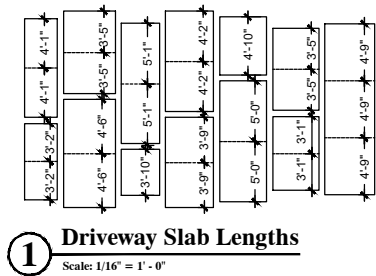
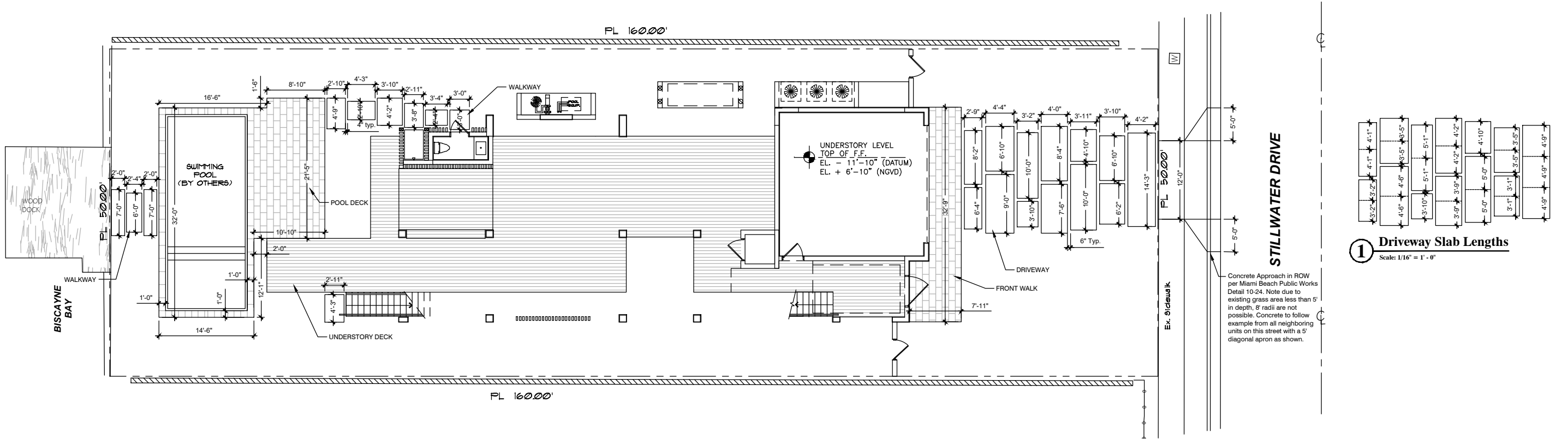


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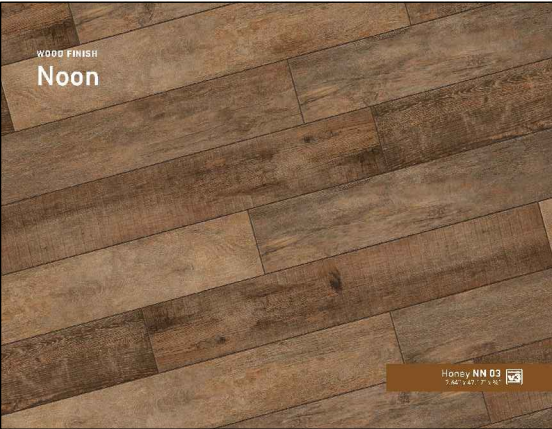
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11285 SW 211 St. - Ste 301
Cutler Bay, Florida 33189
(305) 668-3196
Fax(305) 668-2871



POOL DECK / FRONT WALK / WALKWAY - Dominican Stone



UNDERSTORY DECK - Porcelain tile "Aged Wood" Look



DRIVEWAY - Oolite Slabs

| Hardscape Materials Schedule | | |
|------------------------------|-----------------|---|
| PATTERN | QTY. | SPECIFICATIONS |
| DRIVEWAY | ± 382 sq. ft. | 12" thick Oolite Shellstone Slabs saw cut to dimensions as per plan. Each piece to be cut to length shown dimension layout 1 with a max length of 5'. Butt pieces together to make the solid slabs shown. |
| POOL DECK & FRONT WALK | ± 510 sq. ft. | 12"x24"x 3/4" thick mud set Dominican Coralstone tiles in running bond pattern as shown. Align to deck to minimize cut pieces. |
| WALKWAY | ± 123 sq. ft. | 1 1/2" thick mud set Dominican Coralstone tiles. Solid pieces in the dimensions as shown on plan. |
| UNDERSTORY DECK | ± 1,542 sq. ft. | 12"x48"x 3/4" thick mud set porcelain tiles by Belgard. Aged wood look to match Mahogany shown on house. "Noon" in color Honey (NN03). Install in a random running bond to mimic real wood. |

| HARDSCAPE NOTES |
|--|
| * Paver quantities are <u>actual amounts</u> and do not allow for cuts or broken pieces. Contractors to do their own 'take-off' and quantifying of material. |
| * Paving contractor to meet with Landscape Architect on site to review all paving conditions and patterns, prior to ordering material. |

- General Sediment and Erosion Control Notes (Per MBPW - SES14)
1. The contractor is responsible for following the best erosion and sediment control practices as outlined in the plans, specification, applicable permit(s), and the prevention, correction, control, and abatement of erosion and water pollution in accordance with chapter 62-302, Florida Administrative Code.
 2. Erosion and sediment control barriers shall be placed where there is potential for downstream water quality degradation.
 3. The site contractor is responsible for removing the temporary erosion and sediment control devices after completion of construction and only when areas have been stabilized.
 4. The site contractor is responsible for the maintenance of BMPs to make sure they are functioning as designed at all times.
 5. The BMP structures shall be inspected after each rain and repairs made as needed. Sediment deposits should be removed after each rainfall. They must be removed when the level of deposition reaches approximately one-half the height of the barrier.
 6. Correctly installed silt fences will be used along the limits of construction to minimize offsite siltation migration.
 7. Sod shall be placed in areas which may require immediate erosion protection to ensure water quality standards are maintained and where no active construction is occurring.
 8. The contractor shall pay for any water quality control violations from any agency that results in fines being assessed to the owner because of the contractor's failure to eliminate turbid runoff from leaving the site and raising background levels of turbidity above existing background levels.

Inlet Protection

9. Wire mesh shall be laid over the top drop inlet so that the wire extends a minimum of 1 foot beyond each side of the inlet structure. Hardware cloth or comparable wire mesh with 1/2 - inch opening shall be used. If more than one strip of mesh is necessary the strips shall be overlapped.
10. FDOT NO. 1 coarse aggregate shall be placed over the wire mesh as indicated on detail. The depth of stone shall be at least 12 inches over the entire inlet opening. The stone shall extend beyond the inlet opening at least 18 inches on all sides.
11. If the stone filter becomes clogged with sediment so that it no longer adequately performs its function, the stone must be pulled away from the inlet, cleaned and replaced.
12. The filter barrier shall be entrenched and backfilled. A trench shall be excavated around the inlet and width of a bale to a minimum depth of four inches. After the bales are stacked, the excavated soil shall be backfilled and compacted against the filter barrier.
13. Bale shall be either wire-bound or string-tied with the bindings oriented around the sides rather than over and under the bales.
14. Bales shall be placed lengthwise in single row surrounding the inlet with the ends of adjacent bales pressed together.
15. Each bale shall be securely anchored and held in place by at least two stakes or rebars driven through the bale.
16. Loose straw should be wedged between bales to prevent water from entering between bales.

Turbidity Barriers

17. Floating turbidity barriers will be placed at all outfall locations connected to the work area during active construction. If seagrasses are present barriers will not be placed over them. The floating turbidity barriers shall be installed in a manner to prevent manatee entanglement.
18. Turbidity barriers to be marked with site contractor's company name using permanent markings no smaller than 3 inches in height on the top of the barrier.

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PROJECT: **PRIVATE RESIDENCE**
1520 Stillwater Drive Miami Beach, FL 33141

DRAWING TITLE: **PROPOSED SITE HARDSCAPE PLAN**

DATE: 01-29-2025

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Cutler Bay, Florida 33189
(305) 668-3196
Fax(305) 668-2871