### **HPB FINAL SUBMITTAL** 02-02-2018

**CASE N.HPB18-0186** 

LANDSCAPE PLANS AND EXHIBITS

\* SEE ATTACHED DOCUMENT *DRAWING LIST* FOR A DETAILED LIST OF DRAWINGS INCLUDED IN THIS PDF

PROJECT: M002\_7845 ATLANTIC WAY

ADDRESS: 7845 Atlantic Way, Altos del Mar District, 33141, Miami Beach (FL)

CLIENT: Farid Suleman, Loxodonta Ventures LLC

Orlando Comas, ASLA
LANDSCAPE ARCHITECT
State License #LA0001565
4990 SW 72 Avenue, Suite 100
Miami, FL., 33155
Email: ocomas@bellsouth.net

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STRUCTURE CONSULTANT

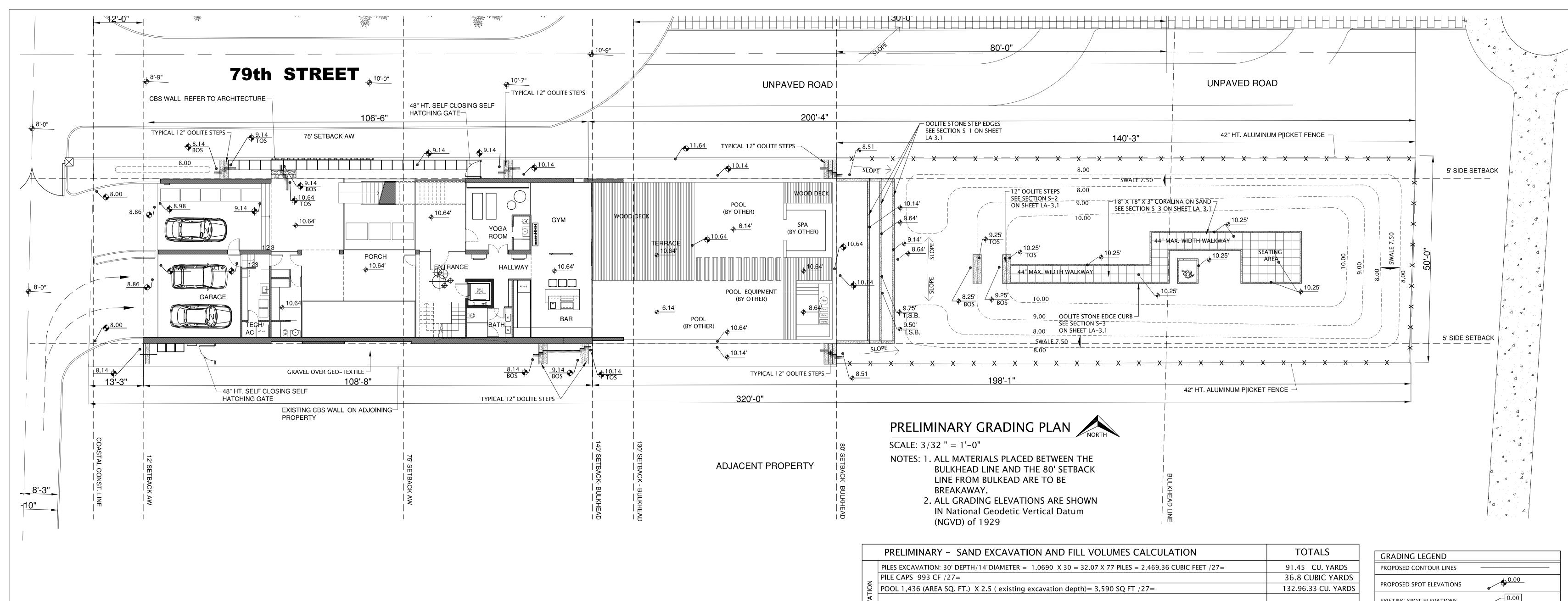
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PHASE PRIMARY TECHNICAL DISCIPLINE DRAWING No. DRAWING CONTENT SCHEME DESIGN LANDSCAPE PLANS AND EXHIBITS COVER SHEET LANDSCAPE JOB CHECKED BY DATE PDF NAME 02-02-2018 02-02-2018 LANDSCAPE



PRELIMINARY – SAND EXCAVATION AND FILL VOLUMES CALCULATION	TOTALS
PILES EXCAVATION: 30' DEPTH/14"DIAMETER = 1.0690 X 30 = 32.07 X 77 PILES = 2,469.36 CUBIC FEET /27=	91.45 CU. YARDS
PILE CAPS 993 CF /27=	36.8 CUBIC YARDS
POOL 1,436 (AREA SQ. FT.) X 2.5 ( existing excavation depth)= 3,590 SQ FT /27=	132.96.33 CU. YARDS
TOTAL NET EXCAVATION MATERIAL VOLUME PER CUT & FILL PLAN	261.21 CU. YARDS
TOTAL FILL AREA TO BE RELOCATED ON SITE PER CUT & FILL PLAN	261.21 CU. YARDS
TOTAL FILL VOLUME TO BE REMOVED OFF SITE.	0.00 CU. YARDS
	PILES EXCAVATION: 30' DEPTH/14"DIAMETER = 1.0690 X 30 = 32.07 X 77 PILES = 2,469.36 CUBIC FEET /27=  PILE CAPS 993 CF /27=  POOL 1,436 (AREA SQ. FT.) X 2.5 ( existing excavation depth)= 3,590 SQ FT /27=  TOTAL NET EXCAVATION MATERIAL VOLUME PER CUT & FILL PLAN  TOTAL FILL AREA TO BE RELOCATED ON SITE PER CUT & FILL PLAN

	GRADING LEGEND	
	PROPOSED CONTOUR LINES -	
	PROPOSED SPOT ELEVATIONS	0.00
	EXISTING SPOT ELEVATIONS	0.00
	GRADE SLOPE FOR WATER RUNOFF	SLOPE
I		

ABBREVIATION LEGEND								
T.O.W.	TOP OF WALL							
T.O.C.	TOP OF COPING							
T.O.S.	TOP OF STEP							
T.O.B.	TOP OF BENCH							
T.O.L.	TOP OF LANDING							
T.S.B.	TOP OF OOLITE STONE BLOCK							
B.O.S.	BOTTOM OF STEP							
T.O.D.	TOP OF DRAIN							
H.P.	HIGH POINT							
L.P.	LOW POINT							
C.O.R.	CROWN OF ROAD							
T.O.F.	TOP OF FENCE							
EXISTING	EXISTING GRADE							
SLP	SLOPE							
EST	ESTIMATED BY INTERPOLATION							

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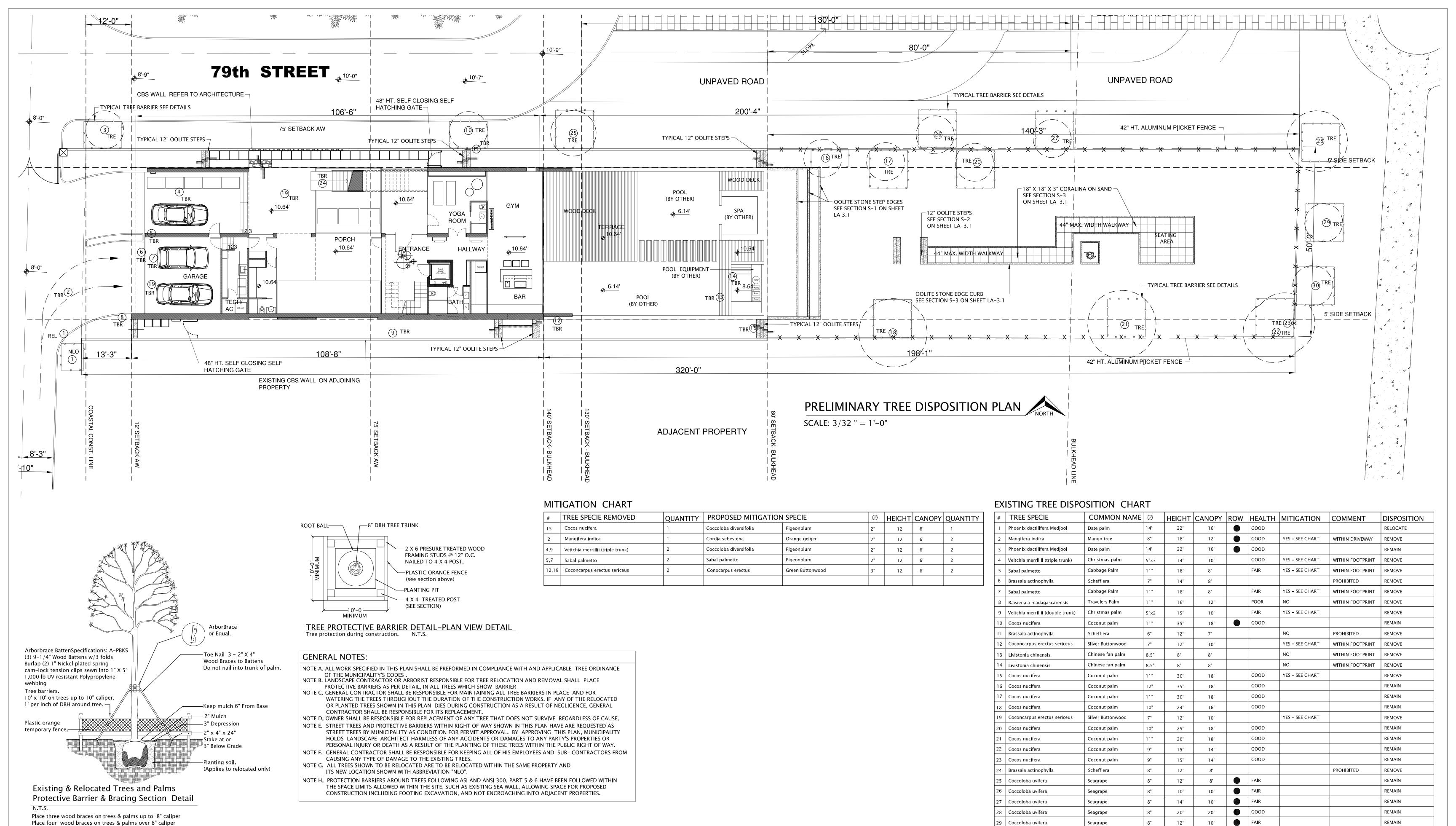
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PROJECT: M002\_7845 ATLANTIC WAY

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wood and plastic orange temp. fence.

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Place protective barrier on trees & palms to remain and trees & palms to be

Existing barriers on trees to remain or planted may be made constructed of

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30 | Serenoa repens

1 | Schinus terebinthifolia

ROW = Within right of way - Outside subject property

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Saw palmetto

Brazilian pepper

2"/4"

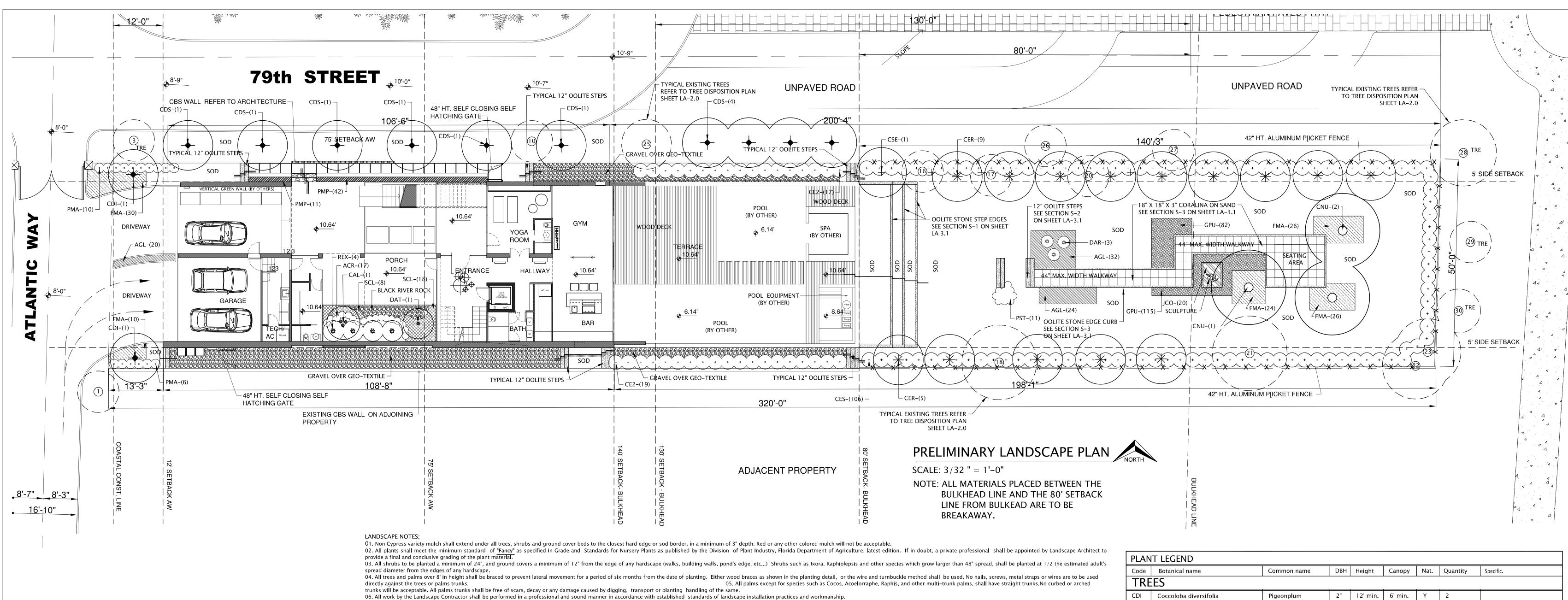
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GOOD

REMAIN

REMOVE

PROHIBITED



07. Landscape Contractor is responsible for verifying & counting all plant quantities prior to bidding. Individual quantities shown in Legend is shown mainly to identify the different species and quantities are shown as an aid, not a ceritfied count. Therefore it shall be Landscape Contractor's responsibility to supply the required quantity shown in the Legend. Quantities shown in the plans may vary due to actual site scale, job conditions etc... Landscape Architect

assumes no responsibility for the actual plant count necessary for the successful completion of the work. Any excess quantity of plant material specified which does not fit into the area for which it was called for should be credited to the Owner. 08. Landscape Contractor and his subcontractors shall be licensed and insured as required by the municipality, county, state or any other governmental agency requiring a license or insurance in order for the Landscape Contractor to perform his work. 09. All work shall conform to the City of Miami Beach landscape ordinances and any other landscape ordinance in effect at the project's location.

10. Landscape Contractor is required to procure and obtain any necessary permits applicable for the successful completion of this project. if applicable. 11. Landscape material shall not be allowed to grow in such a manner as to impede street front triangle of visibility to property owner or neighbors, so as to materially impede vision between a height of 2.5 feet and 8 feet.

12. Landscape contractor shall call Sunshine State One Call Center of Florida at 1-800-432-4770 (Toll Free) 48 hours before digging.

13. Landscape Contractor is responsible for inspecting the site and physically observing all the site conditions prior to entering into Agreement or Contract with Owner. Landscape Contractor shall coordinate his work with the General Contractor or Construction Manager in such a manner as to allow for a speedy and orderly completion of all work on the site, and special attention to location of all underground wires, pipes, footings, etc...

14. Any excess soil, landscape materials and debris from the Landscape Contractors' work shall be removed from the site immediately upon completion of his works.

15. Should Landscape Contractor find any discrepancies, unavailability of material or any question regarding the adherence to this plan, no decision shall be taken without specific consultation with the Landscape Architect, including substitutions when required. Landscape contractor shall not make any unauthorized substitutions of either specie, quality or size of any plant material without Landscape Architect's authorization. 16. All areas not planted with shrubs or ground covers or specified to be another landscape material such as mulch, bark, stones, etc... is to be covered with sod, inclusive of areas in the Right of way between edge of city or community pavement or curb and property line and/or sidewalks.

17. Any Railroad tie, stone or other type of specified retaining walls, are to be placed by Landscape Contractor according to space allowed and slope requirements with prior on site consultation with Landscape Architect. They are to be placed taking into consideration existing site conditions and plant root balls requirements. Landscape Contractor shall spray mark the location of proposed walls and obtain Landscape Architect approval of proposed locations prior to digging trenches for retaining walls. 18. Landscape Contractor shall coordinate all of his planting in raised planters or any planting areas requiring water proofing or any other special applications, as well as any and all hardscape and paving specifications and construction details with the General Contractor. These specifications and

details are not part of the Landscape Architect's scope of work. 19. Landscape Contractor shall coordinate digging, planting and bracing of all plant material within the Project with the General Contractor and the Owner, particularly those in which a conflict with pedestrian or vehicular traffic may arise as a result of placement of equipments and specially temporary braces on trees. Landscape Contractor shall coordinate the planting and bracing of any of the large plant material ahead of time to allow for removal of braces at time of certificate of completion or openning of Project, as per "Owner's" instructions and deadlines. 20. Trees to be planted within existing hedges are to be planted without disturbing the appearance of the existing hedges. Lanscape Contractor shall inspect the health condition of all existing plant material to remain prior to bidding and prior to commencement of works to verify they are in good

healthy conditions. If not in adequate conditions to remain, Owner shall be informed immediately for proper instructions on how to proceed. 21. Any existing plant material destroyed or damaged during construction shall be replaced with the same species, and Owner be informed of the reason, specie and quantity of the replacement for proper reimbursement, if any. 22. Contractor shall prior to planting, provide photos of all plant material marked with a "P" in the Plant Legend's comun shown as Note 22, or described as a specimen plant material for landscape architect approval. Regardless of photo approval and specification in plan or legend, Landscape Architect has the right to refuse any plant material not considered Florida Fancy. If in doubt of grading quality, refer to Note 2 of this notes.

23. Where arrows are shown next to palms such as e.g. coconuts (CNU) they show the curvature direction, if no arrow is shown then a straight trunk of a palm or tree interfere with vehicular or pedestrian traffic. This note applies to projects where palms are specified. 24. Unless a different height number is shown next to trunk in the plan, palms specified at a given trunk height (e.g. 16' c.t. (clear trunk)) are to be considered specified at the height size specified in the plan and prevail over the plant legend.

25. Landscape Contractor shall request written specifications from Landscape Architect prior to entering in to contract. Non compliance of this note does not relieve Landscape Contractor of all requirements included in the written specifications. 26. By accepting this plan, and submitting it to the municipal authorities or any other building and zoning authorities or any other building and zoning authorities or any legal responsibility as a consequence of any legal actions arising from the selection, installation, maintenance, natural plant material growth habit, such as falling fronds, seeds, branches, etc..of the landscape and planting materials specified in this plan.

27. If Landscape Contractor finds availability difficulties with any specific plant material, he shall propose one (or several) as alternate to Landscape Architect, and obtain final decision from Landscape Architect as to specie to be used. 28. This plan and the written specifications together are the landscape construction documents to be used for bidding and construction purposes.

29.Landscape contractor shall verify, if due to architectural revisions or site conditions, if the dimensions of any hardscape has changed and how this affects the area for a specified plant material. One example is Medjool Date Palms need to be planted in no less than a clear 60 inch by 60 opening, preferably more. It shall be the Landscape contractor's responsibility to verify this before bringing the plant(s) to the site. Another example is the minimum five feet width dimensions in parking lot islands, exclusive of concrete curbs. Landscape contractor shall inform Owner and Landscape Architect if this is not the site condition.

30. In absence of landscape contractor or a designated supervisor of the landscape contractor at the work site, landscape contractor is employees regarding the installation of the works specified in this plan if in his opinion work is not being performed as specified. 31. All vines require a structure for them to grow into which shall be supplied by landscape contractor and included as part of the work whenever a vine is specified in this plan. Landscape contractor shall obtain details of structure from landscape architet. 32. landscape contractor shall coordinate this plan with, notes, details and specifications in this sheet, grading plan and lighting plan. All landscape sheets are part of the construction documents for this project. It shall be the general contractor and/or landscape contractor's

CITY OF MIAMI BEACH – LANDSCAPE REQUIREMENTS – CHAPTER 126										
Single Family Home District	Tree Requirements Species Street Tree Requirement				Requirements	Shrub Requ	uirement	Max Lawn area		
	Required	Required Provided		Provided	Required	Provided	Required	Provided	Required	Provided
	15	17	4	4	6	10	252	255	50% (8 000)	30% (4 659)

responsibility to read and understand all the information contained in this sheetincluding plan, details, legend and notes in all the sheets of the landscape plan set.

TRE	EES							
CDI	Coccoloba diversifolia	Pigeonplum	2"	12' min.	6' min.	Υ	2	
CDS	Coccoloba diversifolia	Pigeonplum	2"	12' min.	6' min.	Υ	10	
CER	Conocarpus erectus	Green buttonwood	2"	12' min.	6' min.	Υ	14	
CSE	Cordia sebestena	Geiger tree	2"	12' min.	6' min.	Υ	1	
PAL	MS							
CNU	Cocos nucifera	Coconut palm	8"-10"	10' c.t.	_	Y	3	
CAL	Coccothrinax Alta	Silver Palm		10'	-	N	1	
REX	Rhapis Excelsa	Lady Palm		6'-7'	4'	N	4	shade grown/multitru
SHF	RUBS		•					•
PMA	Podocarpus macrophyllus	Yew pine		4'	24" MIN	N	16	24" O.C.
PMP	Podocarpus pringles	Dwarf podocarpus	Dwarf podocarpus		14"	N	70	14" O.C.
CE2	Conocarpus erectus Syr.	Green buttonwood		48"	24"	N	46	36" O.C.
CES	Conocarpus erectus Syr.	Silver buttonwood		48"	24"	N	116	36" O.C.
DAR	Dracaena arborea	Dracaena spp.		4'-7'	36"	N	3	single trunk/staggere
DAT	Dracaena arborea	Dracaena spp.		7'-8'	60"	N	1	triple trunk/shade gro
GRO	OUND COVERS							
AGL	Arachis glabrata	Perennial peanut		1 gal.	_	N	76	14" o.c.
	Agloenema creta	Red agloenema		3 gal.	-	N	17	18" o.c.
ACR		Green island ficus		2 1	_	N	116	24" o.c.
	Ficus microcarpa 'Green Island'	Green island ficus		3 gal.	-			
ACR	Ficus microcarpa 'Green Island' Pennisetum setaceum	Green island ficus Fountain grass		3 gal. 3 gal.	_	N	11	18" o.c.
ACR FMA	·			_		N N	11 197	18" o.c.
ACR FMA PST	Pennisetum setaceum	Fountain grass	per	3 gal.				
ACR FMA PST GPU	Pennisetum setaceum Gaillardia pulchella	Fountain grass Blanket flower	per	3 gal. 1 gal.	-	N	197	12" o.c.
ACR FMA PST GPU JCO SCL	Pennisetum setaceum  Gaillardia pulchella  Juniperus Horizontalis'Compacta'	Fountain grass  Blanket flower  Dwarf Creeping Jumi	oer	3 gal. 1 gal. 14"	14"	N N	197 20	12" o.c. 18" o.c.



c.t.=Clear Trunk. o.c.=On Center. B&B=Balled and Burlaped. o.a.=Overall Height.

PHASE

JOB

NAT = Native specie. g.w.=Gray Wood

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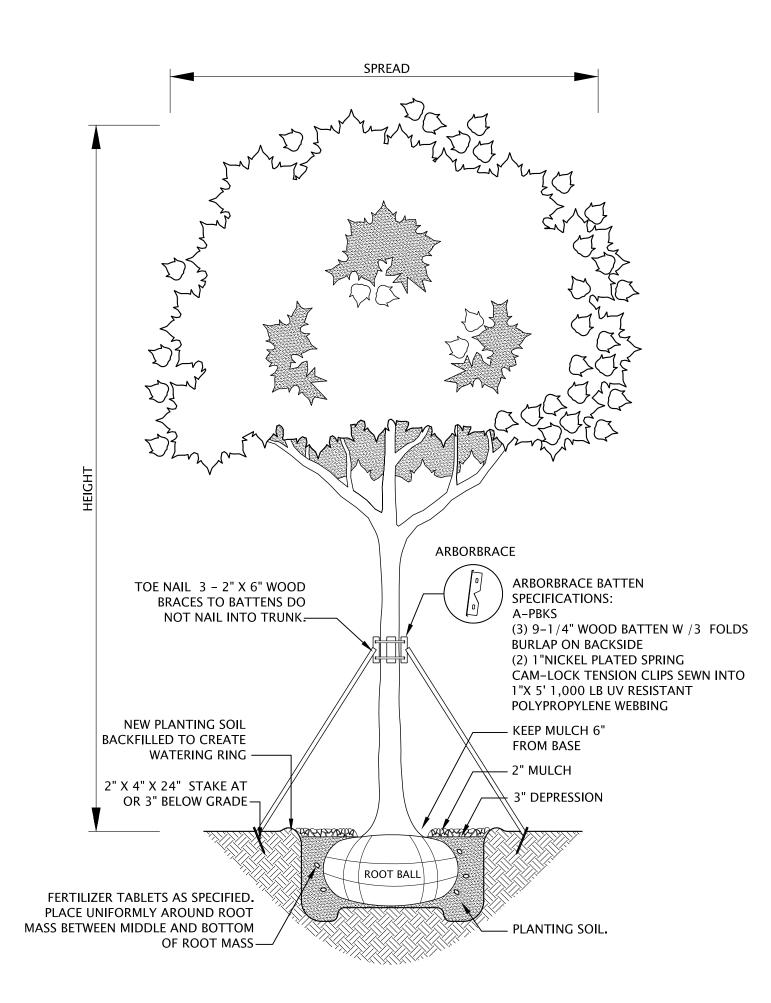
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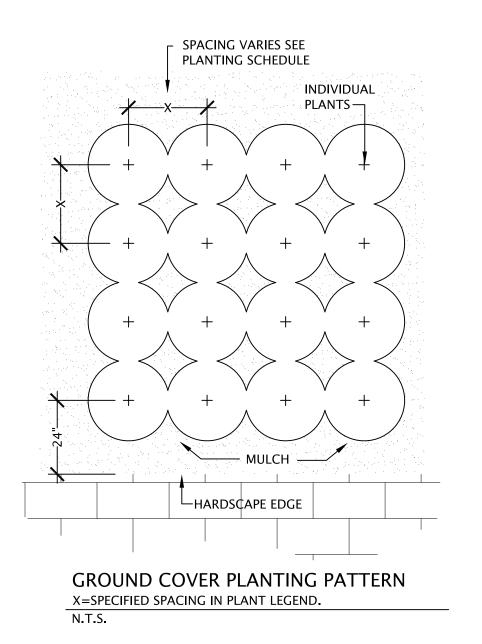
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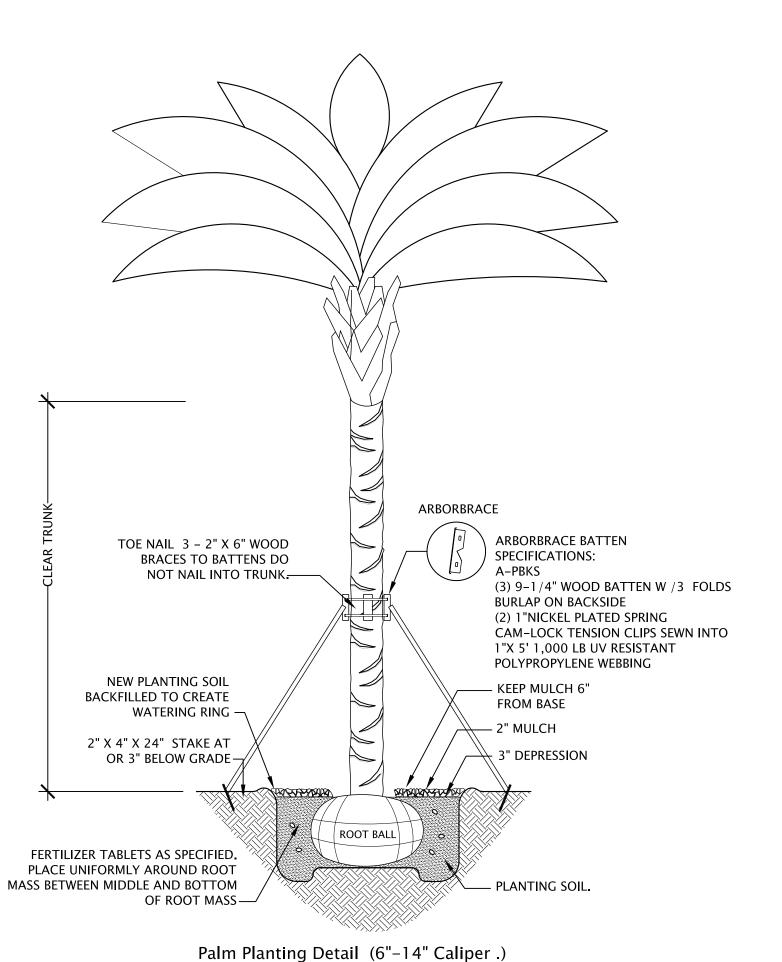
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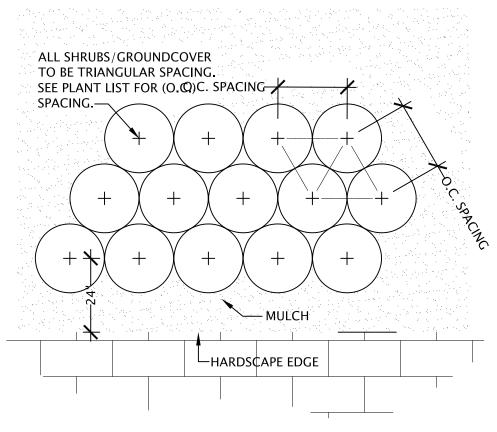


TREE PLANTING DETAIL (3.5" – 6" CALIPER) NOTE 1: NOTE: ALL BRACING COMPONENTS BY ARBORANCHOR.

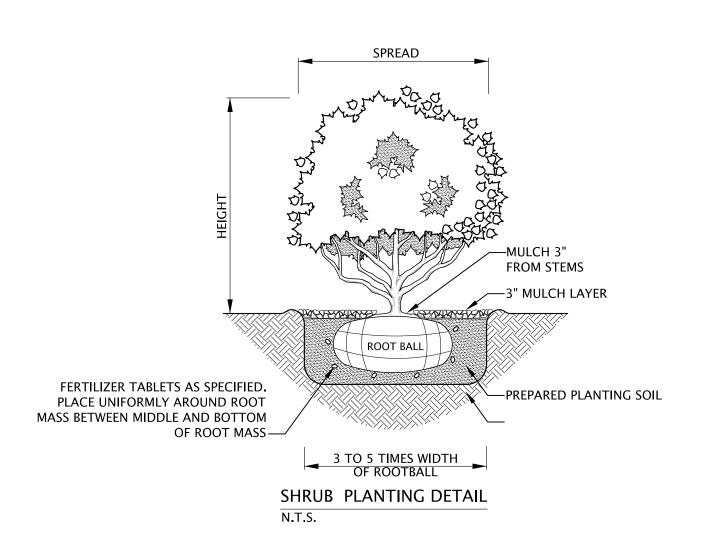


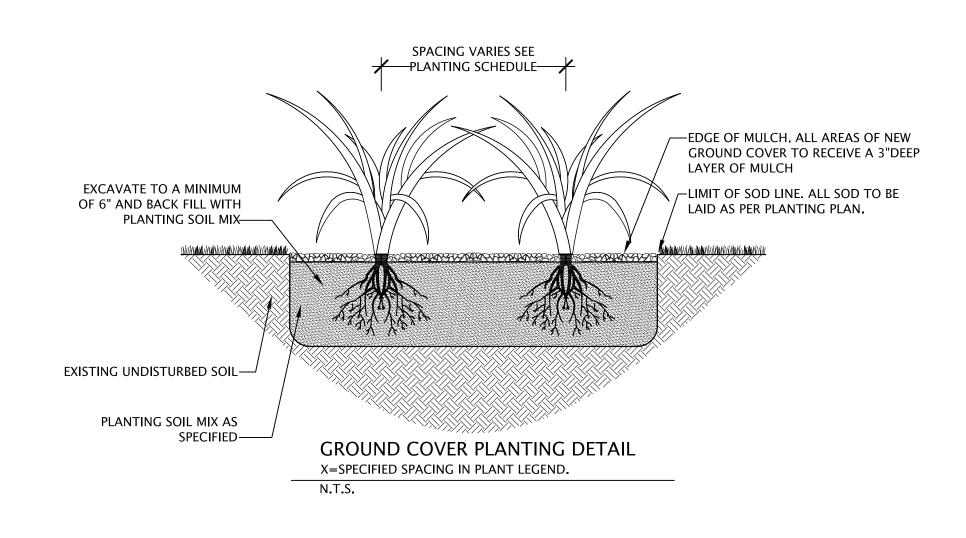


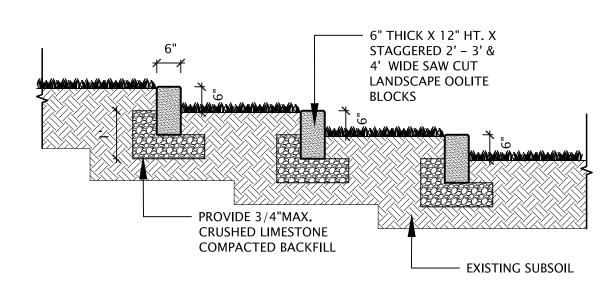
Note 1: All bracing components by ArborBrace or similar. Note 2: Trees with caliper of 10" or more should follow the specs and materials of this detail using 5 instead of 4  $2" \times 6"$ wood braces.of this detail using 5 instead of 4 2" x 6" wood braces. Note 3: Landscape Architect may require additional bracing to those shown in details, as per site and soil conditions.



GROUND COVER PLANTING PATTERN (OFFSET) X=SPECIFIED SPACING IN PLANT LEGEND. N.T.S.

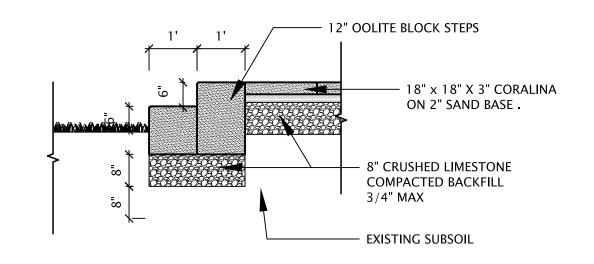




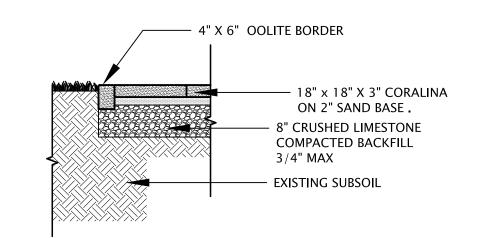


S-1 OOLITE STEPS SECTION SCALE:  $\frac{1}{2}$ " = 1' NOTE: ALL MATERIALS PLACED BETWEEN THE BULKHEAD LINE AND THE 80' SETBACK LINE FROM BULKEAD ARE TO BE BREAKAWAY.

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S-2 OOLITE STEPS SECTION  $\overline{SCALE: \frac{1}{2}" = 1'}$ NOTE: ALL MATERIALS PLACED BETWEEN THE BULKHEAD LINE AND THE 80' SETBACK LINE FROM BULKEAD ARE TO BE BREAKAWAY.



S-3 OOLITE BORDER SCALE:  $\frac{1}{2}$ " = 1' NOTE: ALL MATERIALS PLACED BETWEEN THE BULKHEAD LINE AND THE 80' SETBACK LINE FROM BULKEAD ARE TO BE BREAKAWAY.

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# **TREES**

CDI-Coccoloba diversifolia



CER-Conocarpus erectus



CSE-Cordia sebestena

## **PALMS**



CNU-Cocos nucifera



REX-Rhapis excelsa



CAL-Coccothrinax alta

### SHRUBS



CES-Conocarpus erectus Syr.



CE2-Conocarpus erectus



DAR-Dracaena arborea



DAT-Dracaena arborea

# GROUND COVERS



PMA-Podocarpus macrophyllus



PMP-Podocarpus pringles



AGL-Arachis glabrata



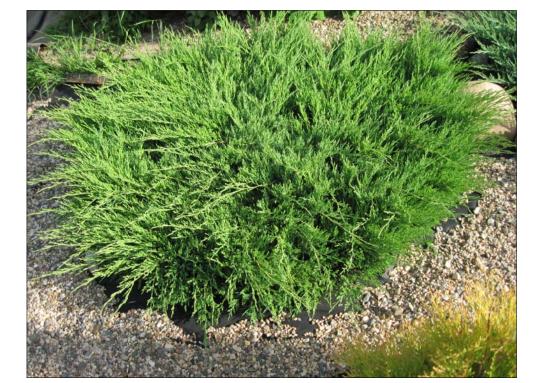
ACR-Agloenema creta



FMA-Ficus microcarpa 'Green Island'



GPU-Gaillardia pulchella



JCO-Juniperus horizontalis 'Compacta'



PST- Pennisetum setaceum



SCL Spathiphyllum clevelandii

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