

VARABYEU DESIGN

ARCHITECTURE INTERIORS PLANNING

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PROJECT:

PARDIS VILLA

217 E Rivo Alto Dr. Miami Beach, FL 33139

Phase: DRB FINAL SUBMITTAL

| NO. | SUBMITTAL | DATE |
|-----|-----------------|----------|
| 1 | FINAL SUBMITTAL | 09-03-21 |

DRAWING

TREE DISPOSITION PLAN

SCALE

SEAL

DWN

GA/JJ

REVIEWED

HH

PROJECT

2021-18

SHEET NO.:

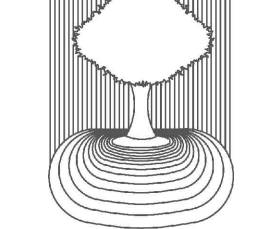
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LANDSCAPE ARCHITECT

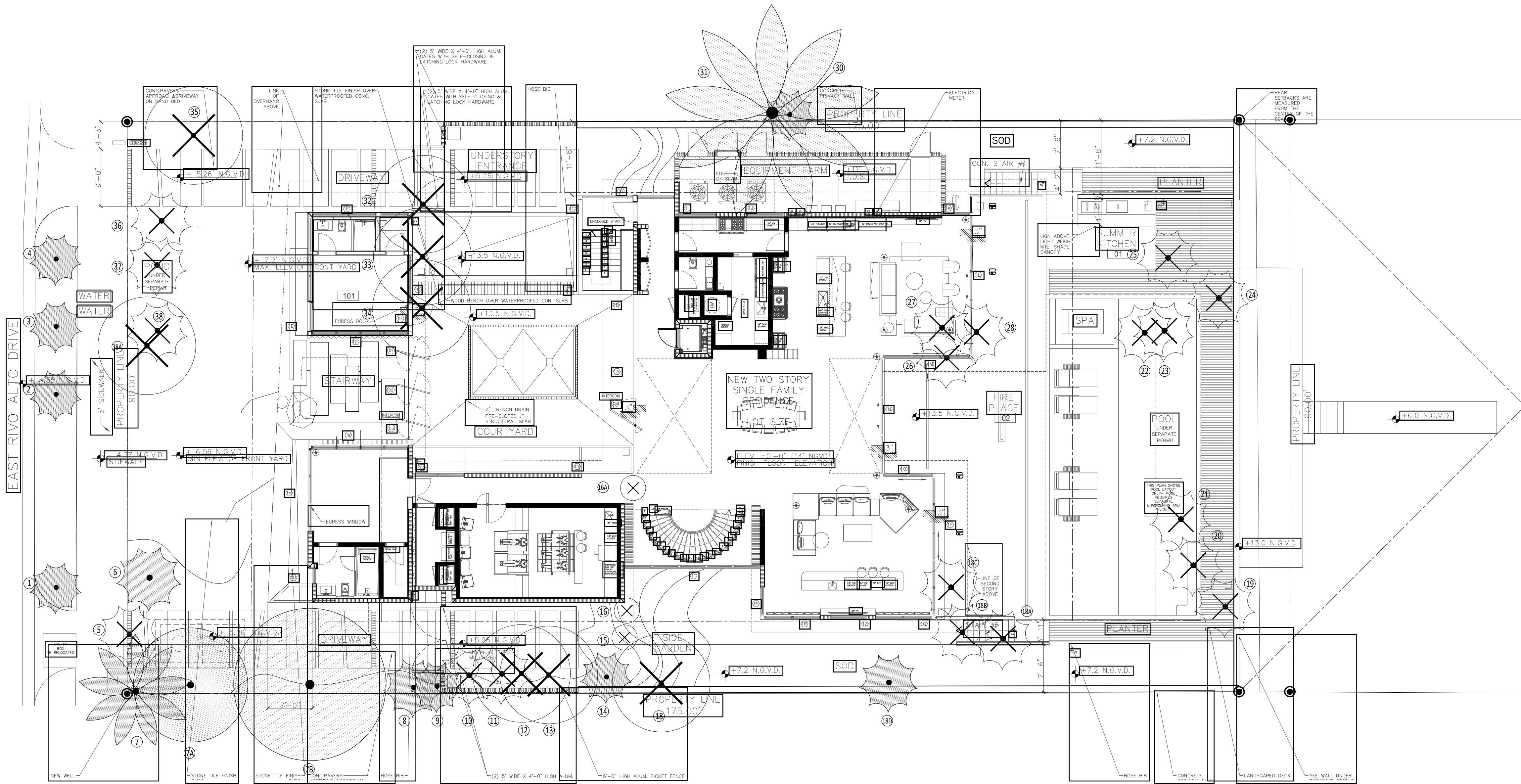
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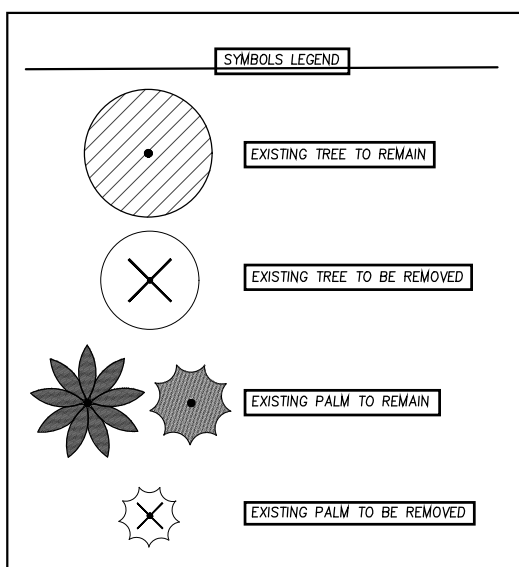


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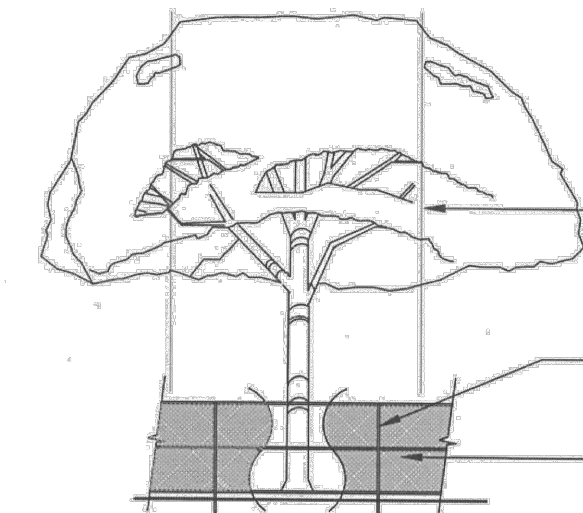
TREE DISPOSITION PLAN

SCALE: 1" = 10'-0"



TREE / PALM PROTECTION FENCES SHALL BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY INCLUDING GRUBBING FOR ALL TREES / PALMS THAT ARE TO REMAIN, BE PROTECTED, OR BE RELOCATED!

NO ACTIVITY OR DISTURBANCE SHOULD OCCUR WITHIN THE FENCED AREAS, INCLUDING VEHICLE USE, STORAGE OF MATERIALS, DUMPING OF LIQUIDS OR MATERIALS, GRADE CHANGES, GRUBBING, AND MECHANICAL TRENCHING FOR IRRIGATION, ELECTRICAL, LIGHTING, ETC.



PROTECTION DETAIL NOTE
CONTRACTOR TO INSTALL 'TREE / PALM PROTECTION FENCE BARRIERS' AROUND ALL EXISTING TREES OR PALMS AT THE START OF THE PROJECT. BARRIERS TO REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT AND SHOULD NOT BE REMOVED OR DROPPED FOR ANY REASON WITHOUT AUTHORIZATION FROM THE CITY OF MIAMI BEACH URBAN FORESTER + PLANNING + ZONING DEPARTMENT

C.M.B. TREE / PALM PROTEC. DETAIL

In no case shall the fence be installed less than ten feet from the trunk

Tree + Palm protection barriers to extend beyond the 'drip-line' or to the 'critical root zone area' of all trees/palms to be protected. Extend where necessary to protect tree canopy roots

Barriers shall be a minimum of four feet high, and shall be constructed of continuous chain link fence with metal posts at eight-foot spacing, or of two-by-four-inch posts with three equally spaced two-by-four-inch rails. Posts may be shifted to avoid roots.

| Total diameter of (tree) to be removed (sum of inches at DBH) | Total number of replacement trees required (where each replacement tree is a minimum of 2" DBH x 6' spread in canopy x 12' in height) | OR | Total number of replacement trees required (where each replacement tree is a minimum of 4" DBH x 8' spread in canopy x 16' in height) | OR | Contribution to Tree Trust Fund |
|---|---|----|---|----|---------------------------------|
| 2"—3" | 1 | or | 0 | or | \$1,000.00 |
| 4"—6" | 2 | or | 1 | or | \$2,000.00 |
| 7"—12" | 4 | or | 2 | or | \$4,000.00 |
| 13"—18" | 6 | or | 3 | or | \$6,000.00 |
| 19"—24" | 8 | or | 4 | or | \$8,000.00 |
| 25"—30" | 10 | or | 5 | or | \$10,000.00 |
| 31"—36" | 12 | or | 6 | or | \$12,000.00 |
| 37"—42" | 14 | or | 7 | or | \$14,000.00 |
| 43"—48" | 16 | or | 8 | or | \$16,000.00 |
| 49"—60" | 20 | or | 10 | or | \$20,000.00 |

- NOTES:
1. INFORMATION ON EXISTING VEGETATION AND MITIGATION CALCULATIONS IS BASED ON ARBORIST REPORT.
 2. REFER TO SHEET L-1.0 FOR MITIGATION PROVIDED.

| TREE DISPOSITION LEGEND | | | | | | | | | | |
|-------------------------------------|------------------------------|---------------------|----------|-------------|--------------------|--------------------|--------------------|-----------|-------------|-----|
| TREE # | SCIENTIFIC NAME | COMMON NAME | DBH (IN) | HEIGHT (FT) | CANOPY SPREAD (FT) | MITIGATION (TREES) | MITIGATION (PALMS) | CONDITION | DISPOSITION | TPZ |
| 1 | Adonidia merrillii | Christmas palm | 7" | 14' | 8' | | | Good | To Remain | 4' |
| 2 | Adonidia merrillii | Christmas palm | 7" | 13' | 8' | | | Good | To Remain | 4' |
| 3 | Adonidia merrillii | Christmas palm | 7" | 16' | 8' | | | Good | To Remain | 4' |
| 4 | Adonidia merrillii | Christmas palm | 6" | 18' | 8' | | | Good | To Remain | 4' |
| 5 | Phoenix roebelenii | Pygmy date palm | 4" | 6' | 5' | | less than 16' ht. | Good | Remove | |
| 6 | Psychosperma elegans | Solitaire palm | 4" | 28' | 10' | | | Good | To Remain | 4' |
| 7 | Royaltonea regia | Royal palm | 10" | 8' | 18' | | | Good | To Remain | 4' |
| 7A | Bursera simaruba | Gumbo limbo | 4" | 24' | 18' | | | Moderate | To Remain | 4' |
| 7B | Bursera simaruba | Gumbo limbo | 9" | 35' | 24' | | | Moderate | To Remain | 6' |
| 8 | Psychosperma elegans | Solitaire palm | 3" | 15' | 9' | | | Good | To Remain | 4' |
| 9 | Psychosperma elegans | Solitaire palm | 3" | 17' | 8' | | | Good | To Remain | 4' |
| 10 | Psychosperma elegans | Solitaire palm | 3" | 26' | 8' | | | Moderate | Remove | |
| 11 | Psychosperma elegans x 3 tks | Solitaire palm | 9" | 12' | 2' | 10 | less than 16' ht. | Moderate | Remove | |
| 12 | Bursera simaruba | Gumbo limbo | 10" | 40' | 28' | | | Moderate | Remove | |
| 13 | Ficus benjamina | Weeping fig | 11" | 27' | 26' | N/A | | Poor | Remove | |
| 14 | Psychosperma elegans | Solitaire palm | 4" | 28' | 8' | | | Good | To Remain | 4' |
| 15 | Crinum species | Crinum lile | 0 | 0 | 4' | Shrub | | Good | Remove | 2' |
| 16 | Crinum species | Crinum lile | 0 | 0 | 4' | Shrub | | Good | Remove | 2' |
| 16A | Ficus benjamina | Weeping fig | 1" | 8' | 8' | N/A | | Good | Remove | 3' |
| 17 | Not on file | | | | | | | | Remove | |
| 18 | Ficus benjamina | Weeping fig | 6" | 23' | 14' | N/A | | Poor | Remove | |
| 18A | Adonidia merrillii | Christmas palm | 6" | 14' | 10' | | less than 16' ht. | Good | Remove | |
| 18B | Adonidia merrillii | Christmas palm | 6" | 21' | 10' | | 1 | Good | Remove | |
| 18C | Adonidia merrillii x 2 tks | Christmas palm | 12" | 20' | 16' | | 1 | Good | Remove | |
| 18D | Psychosperma elegans | Solitaire palm | 4" | 27' | 9' | | | Moderate | To Remain | 4' |
| 19 | Cocos nucifera | Coconut palm | 8" | 20' | 28' | | 1 | Good | Remove | |
| 20 | Cocos nucifera | Coconut palm | 9" | 30' | 26' | | 1 | Moderate | Remove | |
| 21 | Cocos nucifera | Coconut palm | 0 | 0 | 10' | | less than 16' ht. | Good | Remove | |
| 22 | Cocos nucifera | Coconut palm | 0 | 0 | 12' | | less than 16' ht. | Good | Remove | |
| 23 | Cocos nucifera | Coconut palm | 10" | 35' | 26' | | 1 | Moderate | Remove | |
| 24 | Cocos nucifera | Coconut palm | 11" | 27' | 28' | | 1 | Moderate | Remove | |
| 25 | Cocos nucifera | Coconut palm | 13" | 40' | 28' | | 1 | Moderate | Remove | |
| 26 | Thrinax radiata | Florida thatch palm | 5" | 18' | 6' | | | Good | Remove | |
| 27 | Thrinax radiata | Florida thatch palm | 5" | 16' | 6' | | 1 | Good | Remove | |
| 28 | Thrinax radiata | Florida thatch palm | 5" | 16' | 6' | | 1 | Good | Remove | |
| 29 | Psychosperma elegans | Solitaire palm | 4" | 30' | 8' | | | Moderate | To Remain | 4' |
| 30 | Cocos nucifera | Coconut palm | 12" | 35' | 32' | | | Moderate | To Remain | 5' |
| 31 | Not on file | | | | | | | | | |
| 32 | Podocarpus macrophyllus | Chinese Yew | 18" | 38' | 20' | 18 | | Good | Remove | |
| 33 | Podocarpus macrophyllus | Chinese Yew | 16" | 30' | 15' | 16 | | Moderate | Remove | |
| 34 | Podocarpus macrophyllus | Chinese Yew | 15" | 30' | 22' | 15 | | Moderate | Remove | |
| 35 | Callistemon viminalis | Bottlebrush | 21" | 16' | 22' | 21 | | Poor | Remove | |
| 36 | Royaltonea regia | Royal palm | 17" | 28' | 24 | | 1 | Good | Remove | |
| 37 | Royaltonea regia | Royal palm | 18" | 45' | 34' | | 1 | Good | Remove | |
| 38 | Royaltonea regia | Royal palm | 13" | 38' | 22' | | 1 | Poor | Remove | |
| 38A | Jatropha integrifolia | Pereskia | 14" | 16' | 18' | Shrub | | Good | Remove | 4' |
| TOTAL AMOUNT OF PALMS BEING REMOVED | | | | | | 80 | 14 | | | |
| TOTAL DBH BEING REMOVED | | | | | | | | | | |

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SUNNY ISLES BEACH, FL 33160

PROJECT:

PARDIS VILLA

217 E Rivo Alto Dr.
Miami Beach, FL 33139

Phase: DRB FINAL SUBMITTAL

| NO. | SUBMITTAL | DATE |
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| 1 | FINAL SUBMITTAL | 09-03-21 |

DRAWING

LANDSCAPE PLAN

SCALE

SEAL

DWN

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REVIEWED

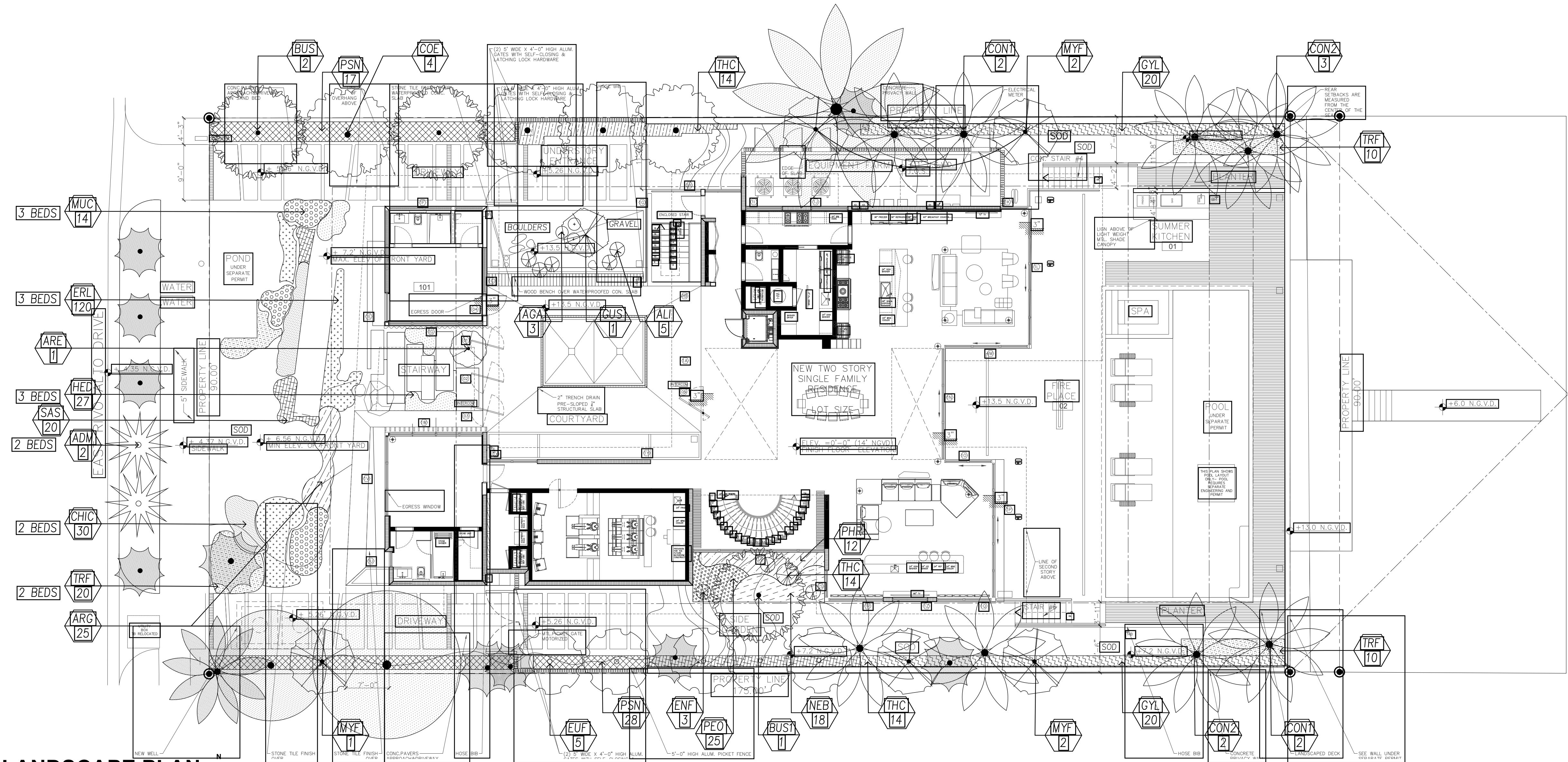
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PROJECT

2021-18

SHEET NO. :

L- 1.0



ARCHITECTURE INTERIORS PLANNING

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217 F RIVO ALTO DR LLC

PROJECT:

217 E Rivo Alto Dr.
Miami Beach, FL 33139

Phase: DRB FINAL SUBMITTAL

DRAWING

PLANTING DETAILS
& NOTES

| | |
|-------|------|
| SCALE | SEAL |
|-------|------|

DWN
GA/JJREVIEWE
HHPROJEC
2021-18

SHEET NO.

LANDSCAPE ARCHITECT

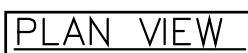
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LANDSCAPE SUB-CONSULTA



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NOTES

1. TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
2. 3" MINIMUM OF MULCH.
3. FINISHED GRADE
4. PREPARED PLANTING SOIL
5. SCARIFY ROOTBALL SIDES AND BOTTOM



1. 3/4" ARBORITE BY DEEPROOT OR APPROVED EQUAL, (NOTE FOR MULTI-TRUCK TREES, GUY TO STRONGEST TRUNK AT CENTER).
2. THREE 2" X 8" LODGE POLES SPACE EVENLY AROUND TREE.
3. 3" MINIMUM OF MULCH.
4. SOIL BERM TO HOLD WATER.
5. FINISHED GRADE.
6. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE
7. ROOTBALLS GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING ROOTBALLS SMALLER THAN 24" IN DIA. MAY SIT ON COMPACTED EARTH.

NOTE

CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.



- ## NOTES

1. THE FROST IS WITH BURLAP STRIP FRO PROTECTION OF BUD
2. WRAP TRUNK WITH 5 LAYERS OF BURLAP WRAP CLEAT BAND AROUND 2X4X12 LUMBER. NAIL BRACES TO LUMBER.
3. APPLY 3" OF MULCH
4. DO NOT MULCH ON TOP OF FOOTBALL.
5. FORM 6" HIGH SOIL DAM RING AROUND TREE TO CREATE WATERING BASIN.
6. 2X4 WOOD BRACES, LENGTH VARIES.
7. FINISH GRADE
8. PROVIDE FLUORESCENT TAPLE WARNING FLAGS AT 2' O.C. ON ALL STAKES, AS SHOWN.
9. BURY 1" BURLAP STRIP AND LOCATED SOIL SURFACE OF DISTURBED MATERIAL FOR PLANT GROWTH. WATER AND TAMP TO REMOVE AIR POCKETS.
10. 2X4 WOOD STAKE, NAIL BRACE TO STAKE.
11. FOOTBALL ON UNDISTURBED SOIL.
12. UNDISTURBED EXISTING SOIL.



1. 5 LAYERS OF BURLAP TO PROTECT TRUNK
2. TWO STEEL BARS TO SECURE BATONS 3. FIVE 2" X 4" X 18" WOOD BATONS
3. 3" X 4" WOOD POLES, NAIL (DRILL AND NAIL IF NECESSARY) TO BATONS 2" X 4" STAKES, FLAG AT MIDPOINT AND AT BASE. (WITH ORANGE FLAGGING)
4. 3" MINIMUM OF MULCH.
5. SOIL BERM TO HOLD WATER.
6. FINISHED GRADE
7. TOP OF ROOTBALL MIN. 1" ABOVE FINISHED GRADE
8. 2" X 4" X 3" (MIN), P.T. WOOD STAKES BURIED 3" BELOW FINISHED GRADE
9. PREPARED PLANTING SOIL
10. ROOTBALL GREATER THAN 24" DIAMETER SHALL BE PLACED ON MOUND OF UNDISTURBED SOIL TO PREVENT SETTLING.

NOTE

CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

SCALE: AS SHOWN