· GUIDELINES
· HARDSCAPE MATERIALS
· SIDEWALK SECTION
· SOIL SPECIFICATIONS
· TREE SELECTIONS
· TREE SPACING

· NW 1ST AVE WOONERF

· NEXT STEPS
· WAYFINDING + FURNISHINGS
· NW 1ST PLACE WOONERF
HARDSCAPE DESIGN

EXISTING CONDITION

PROPOSED DESIGN

HARDSCAPE DESIGN

STANDARD CONCRETE

BONDED RUBBER MULCH

PERVIOUS CONCRETE

CURB

VERGE

SIDEWALK

SETBACK

ARQUITECTONICA GEO

WYNWOOD STREETSCAPE + STREET TREE MASTERPLAN
HARDSCAPE DESIGN GUIDE

CONTROL JOINTS REQUIRED AT ALL PAVEMENT "BEND" LOCATIONS. IF DISTANCE EXCEEDS 12 FEET, PROVIDE ADDITIONAL JOINTS EVENLY SPACED AS NEEDED. USE EXPANSION JOINTS AS REQUIRED.

BLACK BONDED RUBBER MULCH AT ALL TREE LOCATIONS (REFER TO TABLE 1 OF THE WYNWOOD STREET TREE MASTER PLAN FOR BONDED RUBBER MULCH WIDTH REQUIREMENT)

PERVIOUS CONCRETE "BEND" AT JUNCTION OF TREE CENTER LINE AND MIDPOINT BETWEEN STREET TREES

PERVIOUS CONCRETE PAVING

PERVERIOUS CONCRETE PAVING

SETBACK LINE (SETBACK WIDTH REQUIREMENT VARIES DEPENDING ON STREET TYPOLOGY. REFER TO NRD-1 FOR WIDTH REQUIREMENT)

BASE BUILDING LINE

PARCEL BOUNDARY LINE

MEET WITH EXISTING ADJACENT VERGE

EXISTING ADJACENT VERGE

EXISTING ADJACENT SIDEWALK

CURB

TREE

BLACK BONDED RUBBER MULCH AT ALL TREE LOCATIONS (REFER TO TABLE 1 OF THE WYNWOOD STREET TREE MASTER PLAN FOR BONDED RUBBER MULCH WIDTH REQUIREMENT)

STRUCTURAL SOIL

MIDPOINT BETWEEN STREET TREES (VARIERS)

STANDARD CONCRETE PAVING

BROOM FINISH ON SIDEWALKS

VERGE LINE (VERGE WIDTH REQUIREMENT VARIES DEPENDING ON STREET TYPOLOGY. REFER TO THE NRD-1 FOR WIDTH REQUIREMENT)

TREE CENTER LINE (REFER TO ITEM 1C FROM THE WYNWOOD STREET TREE MASTER PLAN)

TREE TRUNK CENTER LINE

STEEL EDGING BETWEEN BLACK BONDED RUBBER MULCH AT TREE OPENINGS AND PERVIOUS CONCRETE PAVING

VERGE LINE (VERGE WIDTH REQUIREMENT VARIES DEPENDING ON STREET TYPOLOGY. REFER TO THE NRD-1 FOR WIDTH REQUIREMENT)
TYPICAL SIDEWALK SECTION

- TREE CENTER LINE. REFER TO ITEM 1C FROM THE WYNWOOD STREET TREE MASTER PLAN
- BLACK BONDED RUBBER MULCH AT ALL TREE LOCATIONS
- #57 STONE UNDER BONDED RUBBER MULCH; 10" MAX THICKNESS
- CURB AND GUTTER
- VERGE (VARIES)
- SIDEWALK (VARIES)
- SETBACK (VARIES)
- PERVERIOUS CONCRETE AT VERGE
- EXCAVATE 3 FT MINIMUM OF EXISTING SOIL AND AMEND IT; PLACE AMENDED SOIL BACK INTO TRENCH
- SCARIFY WALLS OF TRENCH TO ENCOURAGE ROOT PENETRATION INTO ADJACENT SOIL
- STANDARD CONCRETE PAVING BROOM FINISH ON SIDEWALKS
- CRUSHED AGGREGATE BASE
- EXISTING SUBGRADE TO REMAIN
TYPICAL SIDEWALK SECTION

- Tree center line. Refer to item 1c from the Wynwood street tree master plan.
- Black bonded rubber mulch at all tree locations.
- Curb and gutter.
- Verge (varies).
- Pervious concrete at verge.
- Structural soil.

- Rootball, typ.
- Necessary setback (varies).
- Standard concrete paving broom finish on sidewalks.
- Black bonded rubber mulch at all tree locations.

Refer to item 1c from the Wynwood street tree master plan.
CU STRUCTURAL SOIL $3 CF

SILVA CELL $16 CF
TREE CLUSTERING
TREE CLUSTERING GROWTH

INSTALL SIZE

7 YEAR GROWTH

MATURE SIZE

INSTALL SIZE
## TREE PROXIMITY CHART

<table>
<thead>
<tr>
<th></th>
<th>BBL</th>
<th>PALMS</th>
<th>SMALL TREE</th>
<th>MEDIUM TREE</th>
<th>LARGE TREE</th>
<th>X-LARGE TREE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PALMS</strong></td>
<td>5'</td>
<td>5'</td>
<td>8'</td>
<td>10'</td>
<td>10'</td>
<td>12'</td>
</tr>
<tr>
<td><strong>SMALL TREE</strong></td>
<td>8'</td>
<td>8'</td>
<td>8'</td>
<td>10'</td>
<td>10'</td>
<td>12'</td>
</tr>
<tr>
<td><strong>MEDIUM TREE</strong></td>
<td>8'</td>
<td>8'</td>
<td>10'</td>
<td>10'</td>
<td>12'</td>
<td>15'</td>
</tr>
<tr>
<td><strong>LARGE TREE</strong></td>
<td>10'</td>
<td>10'</td>
<td>10'</td>
<td>12'</td>
<td>16'</td>
<td>20'</td>
</tr>
<tr>
<td><strong>X-LARGE TREE</strong></td>
<td>12'</td>
<td>12'</td>
<td>12'</td>
<td>15'</td>
<td>20'</td>
<td>25'</td>
</tr>
</tbody>
</table>
## PLANTING SIZE CHARTS

### STREET TREE MINIMUM DIMENSIONS

<table>
<thead>
<tr>
<th>Tree Size</th>
<th>Overall Height</th>
<th>Caliper</th>
<th>Clear Trunk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMALL TREE</td>
<td>10'</td>
<td>2''</td>
<td>3'</td>
</tr>
<tr>
<td>MEDIUM TREE</td>
<td>15'</td>
<td>3''</td>
<td>4'</td>
</tr>
<tr>
<td>LARGE TREE</td>
<td>15'</td>
<td>3''</td>
<td>4'</td>
</tr>
<tr>
<td>X-LARGE TREE</td>
<td>15'</td>
<td>3''</td>
<td>4'</td>
</tr>
</tbody>
</table>

### PALM MINIMUM DIMENSIONS

<table>
<thead>
<tr>
<th>Palm Type</th>
<th>Overall Height</th>
<th>Clear Trunk</th>
</tr>
</thead>
<tbody>
<tr>
<td>SMALL PALMS</td>
<td>12'</td>
<td>6'</td>
</tr>
<tr>
<td>SABAL PALMS</td>
<td>25'</td>
<td>18'</td>
</tr>
</tbody>
</table>
SMALL TREES

Acacia choriophylla
Ardisia escallonioides
Bourreria ovata
Canella winterana
Calytranthe pallens
Eugenia axillaris
Eugenia foetida
Eugenia rhombea
Myrcianthes fragrans

MEDIUM TREES

Caesalpinia granadillo
Chrysophyllum oliviforme
Coccoloba diversifolia
Exothea paniculata
Krugiodendron ferreum
Pimenta dioica
Pimenta racemosa
Prunus myrtifolia
Sideroxylon salicifolium
Tabebuia bahamensis
LARGE TREES

- Conocarpus erectus
- Guapira discolor
- Piscidia piscipula
- Simarouba glauca

X-LARGE TREES

- Lysiloma latisiliquum
- Lysiloma sabicu
- Sideroxylon foetidissimum
- Swietenia mahagoni

PALMS

- Sabal palmetto
- Leucothrinax morrisii
- Thrinax parviflora
- Thrinax radiata
1ST AVE WOONERF DESIGN STRATEGIES

TRAFFIC CALMING

STORMWATER

MATERIAL BRIDGING

DENSE TREE CANOPY
1ST AVE WOONERF_VEHICULAR
1ST AVE WOONERF_TRAFFIC CALMING

SMOOTH FINISH
SPLIT-FACE FINISH
1ST AVE WOONERF_SLOPES

PATH OF TRAVEL

SLOPES GREATER THAN 2%
1ST AVE WOONERF_DRAINAGE