EXISTING CONDITIONS & DEMOLITION FOR ALTERNATIVE 1

NOT FOR CONSTRUCTION PLANS

EXISTING CONCRETE SIDEWALK TO BE DEMOLISHED

EXISTING GAZEBO TO BE REMOVED

FOR CONTINUATION REFER TO SHEET 4
CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT MULTIMODAL STATION

EXISTING CONDITIONS & DEMOLITION

FOR CONTINUATION REFER TO SHEET 4

EXISTING CONCRETE SIDEWALK TO BE DEMOLISHED

ACADEMIC HEALTH CENTER 442

MARKET STATION
PG-5

PARKING GARAGE 4
(PG-4)
EXISTING CONDITIONS & DEMOLITION
CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT MULTIModal STATION

FLORIDA INTERNATIONAL UNIVERSITY
CITY OF SWEETWATER UNIVERSITY CITY

UNIVERSITY CITY IMPROVEMENTS
ALTERNATIVE 1

T.Y. LIN INTERNATIONAL
201 ALHAMBRAS CIRCLE SUITE 900
Coral Gables, Florida. 33134
Phone: 305 / 567-1888 Fax: 305 / 567-1771

FLORIDA INTERNATIONAL UNIVERSITY
CITY OF SWEETWATER UNIVERSITY CITY
CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT MULTIMODAL STATION

NOT FOR CONSTRUCTION PLANS

LEGEND

LANDSCAPE AREAS, MEYER LANDSCAPE SHEETS

PROPP. CONCRETE DRIVEWAY

PROPP. 4" CONCRETE SIDEWALK

LIMITS OF M&R

GREEN LIBRARY 05

DESCRIPTION

201 ALHAMBRA CIRCLE SUITE 900
Coral Gables, Florida. 33134
Phone: 305 / 567-1888 Fax: 305 / 567-1771

DATE

SHEET NO.

05.20.2014

DRAFT
CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT MULTIMODAL STATION

NOTES:

1. TIGER GRANT WORK INCLUDES:
   a. SWEETWATER EXTENSION - EAST OF SW 109TH AVE, LINEAR PARK IMPROVEMENTS & CLOSURE OF SW 7TH TERRACE TO CREATE A WEST SIDE EXPANSION OF BROTHERS TO THE RESCUE MEMORIAL PLAZA, THE WEST SIDE EXPANSION OF THE PLAZA SHALL BE CONSIDERED AN URBAN PARK AND A LANDSCAPED EXTENSION OF THE LINEAR PARK.
   b. FLOOD WALL APPROX 150' WEST OF 109TH AVE, CREATING A TERMINAL POINT FOR A NEW BRT SYSTEM EXPANSION.
   c. LINEAR PARK, STREET, AND PLAZA DRAINAGE & SURFACE MATERIAL.
   d. PLAZA GROUND MATERIAL SHALL MATCH COLOR OF THE EAST PLAZA IT MAY BE A DECORATIVE GRAVEL OF LIGHT COLOR.
   e. LINEAR PARK & PLAZA LIGHTING, TO MATCH EAST PLAZA & CITY OF SWEETWATER STANDARD LIGHTING FIXTURE.
   f. LANDSCAPE - PLAZA IS TO BE CONSIDERED A LUSH GARDEN WITH LARGE TREE SHADE CANOPY
   g. STREETSCAPE FURNITURE INCLUDING BIKE RACKS CONSIDER DOMINO & CHESS GAME TABLES.
   h. PLAZA SIGNS & PLAQUES
   i. TRAIL HEAD INFORMATION & PUBLIC SAFETY KIOSK

2. MULTIPURPOSE HIGHLY VISIBLE TRAIL HEAD KIOSK AND RELATED STRUCTURES, DESIGNED FOR SUCH THINGS AS INFORMATION, COMMUNITY POLICING STATION, COMPONENTS THAT ADDRESS SAFETY CONCERNS i.e. ALARM SWITCH TO CALL POLICE, AMBULANCE OR FIRE SERVICES. DESIGN SHALL BE SIMILAR IN QUALITY AND MATERIAL TO THE BUS STOPS.
   a. MUST BE OF HIGH QUALITY DESIGN INCLUDES SHELTER FROM THE ELEMENTS (HEAT & RAIN) LANDSCAPE - FURNITURE, LIGHTING, AMBIENT ENVIRONMENT DIGITAL INFORMATION DISPLAY, THAT IS SOLAR POWERED SHELTERS SHALL INCLUDE LANDSCAPE PERGOLAS AND COVERED SHADED AREAS (NO GLASS COVERING OR WALLS)
   b. AREA SHALL BE PROVIDED FOR A MICRO VENDOR IT MAY BE INCORPORATED INTO THE BRIDGE LANDING.
TYPICAL SECTION FOR COMPLETE STREET THROUGH FIU GREEN SPACES

NOTE:
FIU TRANSIT GREENWAY TO BE CONSTRUCTED WITHIN UNIVERSITY R/W

TYPICAL SECTION FOR COMPLETE STREET WITHIN CITY OF SWEETWATER

NOTES:
PROPOSED PLANTERS - SEE LANDSCAPE PLANS
EXISTING CURB & GUTTER TO BE REMOVED
PROPOSED CURB & GUTTER (TYP.)

PROPOSED PAVEMENT SECTION, PAVERS OR ASPHALT (REFER TO PLANS AND DETAILS)
TRAVEL LANES TO BE SHARED WITH RUBBER-TIRE TRANSIT CIRCULATORS
PROPOSED WALKWAY (TYP.)

RAISED TERRACE OPTION AT SELECT LOCATIONS (REFER TO PLANS)

REFERENCES:
DECORATIVE LIGHTING (TYP.)

NOTE:
FIU TRANSIT GREENWAY TO BE CONSTRUCTED WITHIN UNIVERSITY R/W

TYPICAL SECTION FOR COMPLETE STREET THROUGH FIU GREEN SPACES

NOTES:
PROPOSED PLANTERS - SEE LANDSCAPE PLANS
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PROPOSED WALKWAY (TYP.)

RAISED TERRACE OPTION AT SELECT LOCATIONS (REFER TO PLANS)

REFERENCES:
DECORATIVE LIGHTING (TYP.)

NOTE:
FIU TRANSIT GREENWAY TO BE CONSTRUCTED WITHIN UNIVERSITY R/W
SW 109TH AVE BRIDGE SECTION FROM 8TH STREET TO 7TH TERR

EXISTING CONCRETE BRIDGE TO REMAIN

PROPOSED BARRIER WALL

EXISTING SIDEWALK PATH

EXISTING BARRIER WALL

REPLACE BRIDGE RAILING TO MATCH PLAZA RAILING AND ADD PEDESTRIAN LIGHTING

BRIDGE RAILING TO MATCH PLAZA RAILING AND ADD PEDESTRIAN LIGHTING

EXIST 7' SIDEWALK PATH

10' R/W

10' R/W

11.5' 10' SIDEWALK PATH

8' PROP SIDEWALK PATH

NOW WHAT'S BELOW
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BEFORE YOU DIG
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NOT FOR CONSTRUCTION PLANS
UniversityCity IMPROVEMENTS WITHIN SWEETWATER
AND/OR SFWMD R/W

APPROX AREA: 63,724 sf

BROTHERS TO THE RESCUE MEMORIAL PLAZA AREA IN THE
UniversityCity

APPROX AREA: 23,277 sf
### ELECTRICAL SPECIFICATION NOTES

A. FLORIDA POWER AND LIGHT COMPANY SHALL PROVIDE 120/240V, 1PH, 3W SERVICE VOLTAGE FOR STREET LIGHTING.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND AVOIDING ALL UNDERGROUND UTILITIES AND STRUCTURAL CONFLICTS IN COOPERATION WITH THE UTILITY COMPANY(S).

C. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH IT FAILS TO LOCATE AS WELL AS DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED. REPAIRS SHALL BE PERFORMED TO THE SATISFACTION OF THE CITY OF SOUTH MIAMI. NO ADDITIONAL PAYMENTS WOULD BE AUTHORIZED.

D. STATIONING MAY BE ADJUSTED TO AVOID UTILITY OR STRUCTURAL CONFLICTS NOT INDICATED IN THE PLANS.

E. SIDEWALK SLABS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN FULL AND COLORED WHERE NECESSARY TO MATCH THE EXISTING SIDEWALK.

F. CONTRACTOR MUST MAINTAIN THE EXISTING LIGHTING SYSTEM OR SUPPLY A TEMPORARY ONE UNTIL THE NEW LIGHTING SYSTEM CAN BE ACTIVATED.

G. ALL MATERIAL, UNLESS OTHERWISE SPECIFIED, SHALL BE UNDERWRITER'S LABORATORY APPROVED.

H. THE LUMINAIRE MANUFACTURER SHALL PLACE A PERMANENT TAG ON THE LUMINAIRE HOUSING ON WHICH IS PRINTED THE FOLLOWING INFORMATION: VOLTAGE, BALLAST TYPE, LAMP SHOWN ON DESIGN PLANS, LAMP SETTING (POSITION IN LUMINAIRE), I.E.S. LIGHT DISTRIBUTION WITH THIS LAMP IN THE POSITION SPECIFIED, INPUT VOLTAGE AND POWER FACTOR, LUMINAIRE PHOTOGRAPHIC SUBMITTALS REQUIRED.

I. GROUND RODS SHALL HAVE A RESISTANCE TO GROUND NOT TO EXCEED 25 OHMS WHERE THE RESISTANCE IS NOT ALLOWED AS LOW AS 25 OHMS. TWO OR MORE GROUND RODS CONNECTED IN PARALLEL SHALL BE USED.

J. WIRE AT PULL BOXES SHALL BE LOOPED UP WITH SUFFICIENT LENGTH TO COMPLETELY REMOVE CONNECTORS, TO THE OUTSIDE TO MAKE THEM ACCESSIBLE FOR CHANGING FUSES AND TROUBLE SHOOTING.

K. INCIDENTAL ITEMS OR ACCESSORIES REQUIRED TO COMPLETE THE WORK SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR.

L. UNDERGROUND CONDUIT SHALL BE MARKED BY PLACING A YELLOW PLASTIC TAPE THE ENTIRE LENGTH OF THE RUN 12 IN. DIRECTLY ABOVE CONDUIT.

M. ENDS OF CONDUIT SHALL BE SEALED WITH POLYURETHANE FOAM AFTER WIRING IS COMPLETED.

N. T.S. POLE TYPE B

### NOTES:

I. POLE TYPE TO MATCH THE CURRENT STANDARD IN PLACE BY THE CITY OF SWEETWATER

### STREET LIGHT DETAIL CODE NOTES

1. POLE AND LUMINAIRE SHALL CONFORM TO CITY OF SWEETWATER LIGHTING STANDARD DETAILS AS SHOWN OR AN APPROVED EQUAL MEETING THE EQUIVALENT SPECIFICATIONS

2. CONTRACTOR TO PROVIDE ALL ACCESSORIES BY BOTH POST AND LUMINAIRE MANUFACTURER TO GUARANTEE PERFECT FIT AND A COMPLETE INSTALLATION.

3. CONCRETE BASE, INTEGRAL PART OF THE POST, DEPTH AS REQUIRED TO PROVIDE NECESSARY STRENGTH.

4. PULL BOX. SEE DETAIL ON THIS SHEET

5. INCOMING BRANCH CIRCUIT (RUNS) TO OTHER LUMINAIRES 2" HIGH IMPACT SCHEDULE 40 PVC.

6. PROVIDE 15A IN-LINE FUSE HOLDERS WITH FUSE SIZED AS PER MANUFACTURER SPECIFICATIONS.

7. GROUND RODS SHALL HAVE A RESISTANCE TO GROUND NOT TO EXCEED 25 OHMS WHERE THE RESISTANCE IS NOT ALLOWED AS LOW AS 25 OHMS, TWO OR MORE GROUND RODS CONNECTED IN PARALLEL SHALL BE USED.

8. 2" PVC 40 WITH CONDUCTORS. SEAL ALL CONDUIT OPENINGS.

9. EQUIPMENT GROUND CONDUCTOR #10 BOND TO INCOMING GROUND AND NEW GROUND ROD TO AUGMENT GROUND.

10. 5/8" X 10" COPPER CLAD STEEL GROUND ROD WITH APPROVED CLAMPS.

F. CONTRACTOR MUST MAINTAIN THE EXISTING LIGHTING SYSTEM OR SUPPLY A TEMPORARY ONE UNTIL THE NEW LIGHTING SYSTEM CAN BE ACTIVATED.

### LIGHTING DESIGN CRITERIA

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>I.E.S. LIGHT DISTRIBUTION WITH THIS LAMP IN THE POSITION SPECIFIED</th>
<th>INPUT VOLTAGE</th>
<th>POWER FACTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>120/240V, 1PH, 3W</td>
<td>LIGHT DISTRIBUTION WITH THIS LAMP IN THE POSITION SPECIFIED</td>
<td>220V</td>
<td>0.80</td>
</tr>
<tr>
<td>120/240V, 1PH, 3W</td>
<td>LIGHT DISTRIBUTION WITH THIS LAMP IN THE POSITION SPECIFIED</td>
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<td>LIGHT DISTRIBUTION WITH THIS LAMP IN THE POSITION SPECIFIED</td>
<td>220V</td>
<td>0.80</td>
</tr>
</tbody>
</table>

### NOT FOR CONSTRUCTION PLANS
HEAVY DUTY (20,000#) POLYMER CONCRETE COVER WITH BOLTS

END OF CONDUIT SHALL BE SEALED WITH ELECTRICAL PUTTY AFTER WIRING IS COMPLETED.

POLYMER CONCRETE PULL BOX

12" BED OF PEARL ROCK OR CRUSHED STONE FOR DRAINAGE

STRANDED CU THWN WIRES IN PVC CONDUIT REFER TO PLAN SHEETS FOR NUMBER, SIZE, CONTENTS AND ORIENTATION. PROVIDE MINIMUM 24" COVER.

NOTE: PROVIDE RABx6 UL LISTED HOLED NON METALIC JUNCTION BOX BY CARLON OR EQUAL

PULL BOX DETAIL

WALKWAY LIGHTING DETAIL

ROADWAY LIGHTING DETAIL

NOTE
1. PHOTOMETRICS SHALL BE PROVIDED FOR PRIOR APPROVAL OF ENGINEER AND FIU.
2. POLE TO MATCH COLOR OF THE FIXTURE AND TENON.
3. POLE MANUFACTURE IS REQUIRED TO PROVIDE SIGNED AND SEALED DRAWINGS STATING THAT THE NEW POLES MEET THE REQUIRED WIND LOADS (180 MPH).
MARKET STATION
PG-5

STA: 202+17.18
OFF: 14.83'
+6.02
35.04'
10'

MARKET STATION
PG-5

SIGNING & PAVEMENT MARKING PLANS

CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT MULTIMODAL STATION

FLORIDA INTERNATIONAL UNIVERSITY
CITY OF SWEETWATER UNIVERSITY

T-Y INTERNATIONAL
201 ALHAMBRA CIRCLE SUITE 900
Coral Gables, Florida. 33134
Phone: 305 / 567-1888 Fax: 305 / 967-1771

NOT FOR CONSTRUCTION PLANS

S-1

05.20.2014 DRAFT

Phone: 305 / 567-1888 Fax: 305 / 967-1771
CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT MULTIMODAL STATION

NOT FOR CONSTRUCTION PLANS

SIGNING & PAVEMENT MARKING PLANS

S-3

04/15

REV.1 ROADWAY CONFIGURATION
CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN
ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT
MULTIMODAL STATION

FLORIDA INTERNATIONAL UNIVERSITY
CITY OF SWEETWATER UNIVERSITYCITY

NOTE FOR CONSTRUCTION PLANS

FOR CONTINUATION REFER TO SHEET LH-04

FLORIDA INTERNATIONAL UNIVERSITY
CITY OF SWEETWATER UNIVERSITYCITY
CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN
ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT
MULTIMODAL STATION

LANDSCAPE PLANS

LH-05
HARDSCAPE LEGEND - CITY OF SWEETWATER

PAVEMENT

**Regular gray concrete / 4" thick with
topped scoring (Pedestrian circulation)
Finish: Medium broom finish.
Refer to Engineering Specifications.

**Regular gray concrete / 4" thick with
topped scoring (Vehicle and
pedestrian circulation)
Finish: Medium bled finish.
Refer to Engineering Specifications.

Existing concrete walkway (protect
from damage).

Planting area with Irrigation System
(Combination Shrub and
Groundcover planting area - Refer
to Planting Legend)

Interlocking concrete pavers
Size & Color: Standard - To be
determined by Owner.
Installation: As per manufacturer's
specifications.

**Existing integral color concrete
pavement to be treated with 'Revive
Color Refresh' and 'Revive Sealer
by Sycamor (or approved equal).
Color: Standard - To be determined by
Owner.

LIGHTING

NEW 15' High Luminaires Lighting
pales (City of Sweetwater standards -
For additional information refer to
Engineering specifications).

EXISTING 35' High Luminaires Lighting
pales (City of Sweetwater
standards - For additional information
refer to Engineering drawings).

TREE GRATE

5' Square Pre-cast Concrete Tree Grate
(Model: 5 TGS-11) Dura Art Stone
standard tree grate (or approved equal).
Color and finish to be selected by Owner.

**NOTE:
1) For concrete pavement structure and specifications and design criteria, refer to Eng., drawing:
2) All concrete scoring shall be topped scoring. Sawcut will not be acceptable.
### Lighting

**NEW 15' high Luminaire Lighting**
- Light poles (City of Sweetwater standards - For additional information refer to Engineering specifications).

**EXISTING 39' high Luminaire Lighting**
- Light poles (City of Sweetwater standards - For additional information refer to Engineering drawings).

### Soil & Structures

- Areas of Silva Cell System (or approved equal) under pavement (including: geocell, geopipe, aggregates, sub base material, backfill, drainage system, root barrier, compost, and the installation of planting soil)
- Planting area with Irrigation System

### Site Furniture

- **Bench with back**
  - Model: Park Vue (backed with arms, surface mount) by Landscape Forms (or approved equal)
  - Finish: Powdercoated metal
  - Color: Silver (or as determined by Owner)

- **Bench backless**
  - Model: Park Vue (backless, surface mount) by Landscape Forms (or approved equal)
  - Finish: Powdercoated metal
  - Color: Silver (or as determined by Owner)

- **Litter Receptacle**
  - Model: Chase Park (side opening with logo band, size 24"x36") with liner included by Landscape Forms (or approved equal)
  - Finish: Powdercoated metal
  - Color: Silver (or as determined by Owner)

### Site Furniture - Other

- **Bike Rack**
  - Model: Bbls by Landscape Forms (or approved equal)
  - Finish: Stainless steel

- **Table**
  - Model: Catena by Landscape Forms (or approved equal)
  - Finish: Powdercoated metal
  - Color: Silver (or as determined by Owner)

- **Chair**
  - Model: Catena by Landscape Forms (or approved equal)
  - Finish: Powdercoated metal
  - Color: Silver (or as determined by Owner)

### Tree Grate

- **5' Square Precast Concrete Tree Grate**
  - Model: TQG-51
  - Dura Art Stone standard tree grate (or approved equal)
  - Color and finish to be selected by Owner.
SECTION C-C - ACROSS SW 109th AVENUE
CITY OF SWEETWATER / Not to Scale

SECTION D-D - ACROSS SW 109th AVENUE
CITY OF SWEETWATER / Not to Scale
NOTE:
- For FIU Hardscape
Legend refer to LH-02.
- For FIU Landscape
Legend refer to LP-02.
CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT MULTIMODAL STATION

NOT FOR CONSTRUCTION PLANS

FLORIDA INTERNATIONAL UNIVERSITY
CITY OF SWEETWATER UNIVERSITY

HARDSCAPE PLANS

NOTES:
- FOR FIU HARDSCAPE LEGEND REFER TO LH-02
- FOR FIU LANDSCAPE LEGEND REFER TO LP-02
- FOR CITY OF SWEETWATER PLANNING LEGEND REFER TO LD-06
- FOR CITY OF SWEETWATER HARDSCAPE LEGEND REFER TO LH-09

03.06.2014 DRAFT

FERNANDEZ-BERAUD INC.
Landscape Architecture and Planning
2333 Brickell Avenue #216
Miami, Florida 33129
Ph: 786-314-5906 Fax: 305-854-8777

Leticia Fernandez-Beraud
Registered Landscape Architect LA6666730

FOR CONTINUATION REFER TO SHEET LP-06

S.W. 8TH STREET (GOLDEN PANTHER TRAIL)

CANAL

S.W. 109TH AVE
NOTES:
- For City of Sweetwater
- Landscape Legend refer to LH-05.

LANDSCAPE LEGEND - CITY OF SWEETWATER

NATIVE FLORIDA TREES

<table>
<thead>
<tr>
<th>Large Palm</th>
<th>Medium Tree (18'-30' Ht)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Royystoma regia</td>
<td>Cecilebola diversifolia</td>
</tr>
<tr>
<td>Florida Royal Palm</td>
<td>Pison Palm</td>
</tr>
<tr>
<td>Minimum Installation Size: 15' Ht, grey wood.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Guajira discolor / Ruby</td>
</tr>
<tr>
<td></td>
<td>Nectandra carissa / Lancewood</td>
</tr>
<tr>
<td></td>
<td>Noronha amaragita / Madagascar Olive</td>
</tr>
<tr>
<td></td>
<td>Caesalpinia grandiflora / Brickell</td>
</tr>
<tr>
<td></td>
<td>Minimum Installation Size: 15'-12' overall height, 2'-2.5' caliper, Florida No. 1, single trunk &amp; single leader, full &amp; symmetrical canopy, 5' dead trunk.</td>
</tr>
</tbody>
</table>

SMALL PALM

Thrinax morrisii / Silver Thatch Palm
Minimum Installation Size: 20 gal.

SMALL SLENDER PALM

Psychespeum elegans / Soft Slat Palm
Minimum Installation Size: 18' Ht, grey wood.

FLOWERING TREES

<table>
<thead>
<tr>
<th>Small Tree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lagerstroemia indica 'Red Rocket'</td>
</tr>
<tr>
<td>Craze Myrtle</td>
</tr>
<tr>
<td>Minimum Installation Size: 10' overall height, Florida No. 1, multi trunk, full &amp; symmetrical canopy 4.5' to 5' dead trunk.</td>
</tr>
</tbody>
</table>

SMALL TREE (13'-20' Ht)

Myrtianthes frangans / Simpson's Stopper
Eugenia fortusa / Spanish Stopper
Eugenia xillars / White Stopper
Bryonima lucida / Loochberry
Caypinianthes zygyma / Myrtle-of-the-tropics
Gualacum sanguin / Lignum Vitae
Krugiodendron terebrum / Black Ironwood
Minimum Installation Size: 15'-12' overall height, 1.5'-2' caliper, Florida No. 1, single trunk & single leader, full & symmetrical canopy, 5' dead trunk.

GROUNDCOVER, SHRUBS AND SOD

<table>
<thead>
<tr>
<th>Combination Shrub and Groundcover planting area / Minimum Installation Size:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Groundcover: Minimum size 3 gallon plants:</td>
</tr>
<tr>
<td>- Shrubs: Minimum size 7 gallon plants.</td>
</tr>
</tbody>
</table>

Stenotaphrum secundatum 'Floratam' / St. Augustine Grass
(Seeding will not be acceptable)

NOTE: ALL LANDSCAPE AREAS OF THIS PROJECT LOCATED WITHIN THE CITY OF SWEETWATER ARE TO BE IRIGATED AS PER THE CITY OF SWEETWATER'S STANDARDS AND REQUIREMENTS.