FLORIDA INTERNATIONAL UNIVERSITY AND CITY OF SWEETWATER UNIVERSITYCITY
CONCEPTUAL PLANS

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GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS DATED 2014, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2010, AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 01-01-14

Fee Design Standards Modification Click on “Design Standards” at the following web site: https://www.dot.state.fl.us/rd/designer/
EXISTING CONDITIONS & DEMOLITION FOR ALTERNATIVE 1

FOR CONTINUATION REFER TO SHEET 4

FLORIDA INTERNATIONAL UNIVERSITY
CITY OF SWEETWATER UNIVERSITY

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

NOT FOR CONSTRUCTION PLANS
EXISTING CONDITIONS & DEMOLITION

LEGEND

EXISTING CONCRETE SIDEWALK TO BE DEMOLISHED

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

CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT MULTIMODAL STATION
5.20.2014 DRAFT

NOT FOR CONSTRUCTION PLANS
503+00
504+00
505+00
506+00
507+00
508+00
509+00
510+00
511+00

TYPE D CURB
6" CONCRETE SIDEWALK
6" YELLOW LANDSCAPE/SOD
LANDSCAPE/SOD
SAWCUT AND MATCH EXIST.
SAWCUT AND MATCH EXIST.
SAWCUT AND MATCH EXIST.
SAWCUT AND MATCH EXIST.
SAWCUT AND MATCH EXIST.

STA: 503+96.61
OFF: 27.28'R

STA: 503+81.35
OFF: 15.97'R

STA: 510+53.56
OFF: 33.93'R

STA: 510+78.00
OFF: 16.75'R

+2.41
9.89'L

+9.07
10.16'L

R60'

+1.23
10.00'L

R60'

+3.92
10.00'R

+0.61
15.88'R

+0.47
21.00'R

+1.86
21.00'R

+1.72
15.88'R

+0.60
11.00'R

ADVANCED INTERMODAL STATION
(AIMS) PLATFORM ALTERNATIVE 2

FOR CONTINUATION REFER TO SHEET 11

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

FLORIDA INTERNATIONAL UNIVERSITY
CITY OF SWEETWATER UNIVERSITY CITY

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

UNIVERSITY CITY IMPROVEMENTS
ALTERNATIVE 1

NOT FOR CONSTRUCTION PLANS

MEMO

DATE
5.20.2014

DRAFT
10
CONCEPTUAL PLANS FOR COMPLETE STREETS,
PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND
ADVANCED TRANSIT MULTIMODAL STATION

FLORIDA INTERNATIONAL UNIVERSITY
CITY OF SWEETWATER UNIVERSITY

FOR CONTINUATION REFER TO SHEET 11

ACADEMIC HEALTH CENTER 4 42

MARKET STATION
PG-5

LEGEND

LANDSCAPE AREAS, REFER LANDSCAPE SHEETS.
PROP. CONCRETE DRIVEWAY
PROP. 4" CONCRETE SIDEWALK
LIMITS OF M&R

T-YLINTERNATIONAL
201 ALHAMBRA CIRCLE SUITE 900
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Phone: 305 / 567-1888 Fax: 305 / 567-1771

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

UNIVERSITY CITY IMPROVEMENTS

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

FOR CONTINUATION REFER TO SHEET 11
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

COMPLETE STREET, US-41
INTERSECTION (FIU- SWEETWATER)
TYPICAL SECTION FOR COMPLETE STREET THROUGH FIU GREEN SPACES

TYPICAL SECTION FOR COMPLETE STREET WITHIN CITY OF SWEETWATER

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

PROPOSED CURB & GUTTER TO BE REMOVED

TRAVEL LANES TO BE SHARED WITH RUBBER-TIRE TRANSIT CIRCULATORS

PROPOSED PAVEMENT SECTION, PAVERS OR ASPHALT (REFER TO PLANS AND DETAILS)

PROPOSED CURB (TYP.)

PROPOSED WALKWAY (TYP.)

RAISED TERRACE OPTION AT SELECT LOCATIONS (REFER TO PLANS)

DECORATIVE LIGHTING (TYP.)

PROPOSED PLANTERS
SEE LANDSCAPE PLANS

EXISTING CURB & GUTTER TO BE REMOVED

PROPOSED CURB & GUTTER (TYP.)

PROPOSED GREEN SPACE TO TRANSITION TO EXISTING SURFACES

TYPICAL SECTION FOR COMPLETE STREET THROUGH FIU GREEN SPACES

SW 109TH AVE FROM 7TH TERR TO 6TH ST

TYPICAL SECTION FOR COMPLETE STREET WITHIN CITY OF SWEETWATER
SW 109TH AVE BRIDGE SECTION FROM 8TH AVENUE TO 7TH TERR

REPLACE BRIDGE RAILING TO MATCH PLAZA RAILING AND ADD PEDESTRIAN LIGHTING

EXISTING CONCRETE BRIDGE TO REMAIN

PROPOSED BARRIER WALL

TYPICAL SECTION
EASTBOUND LANES

3'-6" MINIMUM CLEARANCE FROM TOP OF THE BRIDGE TO LOW WIRE

20' MINIMUM WIDTH PEDESTRIAN BRIDGE

BARRIER WALL

CANAL BULKHEAD

CONTAINMENT WALL

EXISTING GROUND

RELOCATE (3) TRANSMISSION POLES W/ 25' CLEARANCE FROM TOP OF THE BRIDGE TO LOW WIRE

ELEVATOR TOWER W/ BICYCLE CHANNELS

STAIRS W/ BICYCLE CHANNELS

CANAL BULKHEAD

CONTAINMENT WALL

EXISTING GROUND

FIU CAMPUS

SOUTH FLORIDA WATER MANAGEMENT R/W

SW 8 STREET WEST OF SW 109 AVENUE

N.T.S.

TYPICAL SECTION
UniversityCity IMPROVEMENTS WITHIN SWEETWATER AND/OR SFWM R/W

BROTHERS TO THE RESCUE MEMORIAL PLAZA AREA IN THE UniversityCity

APPROX AREA: 66,463 sf

APPROX AREA: 23,623 sf

T.Y. LIN INTERNATIONAL
201 ALHAMBRA 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

SWEETWATER RIGHT OF WAY
**Street Lighting Design Criteria**

**Lighting Design Criteria**

- **Average Hardened Illumination** = 0.89 ft.l.
- **Light Loss Factor** = 0.720
- **Average Minimum (Less than 4:1)** = 2.33
- **Minimum to Maximum (Less than 10:1)** = 7.08
- **Design Pole Spacing (Based on Photometric Curve of Lights Shown)**

**Lighting Source** = 175W MH

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**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. **Staining 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 Imprinted the Following Information: Wattage, 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 Photometric 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. **Wires at Pull Boxes Shall Be Laid up With Sufficient Length to Completely Remove Connectors to the Outside to Make Them Accessible for Changing Fuses and Trouble Shooting System.**

K. **Incidental Items or Accessories Required to Complete the Work Shall Be Supplied and Installed by Contractor.**

**NOTES:**

1. **Pole Type to Match the Current Standard in Place by the City of Sweetwater**

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**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. **Incident Items, Optional Accessories Required to Complete the Work Shall Be Supplied and Installed by Contractor.**

6. **Underground Conduct Shall Be Marked by Placing a Yellow Plastic Tape the Entire Length of the Run 12 in. Directly Above Conduct.**

7. **Ends of Conduct Shall Be Sealed With Polyurethane Foam After Wiring is Completed.**

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**Pull Box Wiring Detail**

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**StreetLighting Details - Sweetwater**

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**Complete Street Lighting Details - Sweetwater**

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**CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT MULTIMODAL STATION**
COPPER CLAD GROUND ROD
GROUND CLAMP
STRANDED CU THWN WIRES IN PVC CONDUIT.
REFER TO PLAN SHEETS FOR NUMBER, SIZE, CONTENTS AND ORIENTATION.
PROVIDE MINIMUM 24" COVER.

GND WIRE BONDED TO LIGHT POLE
LIGHTING CIRCUIT END WIRE
END OF CONDUIT SHALL BE SEALED WITH ELECTRICAL PUTTY AFTER WIRING IS COMPLETED.
POLYMER CONCRETE PULL BOX
12" BED OF PEAROCK 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

WALKWAY LIGHTING DETAIL
ROADWAY LIGHTING DETAIL

PULL BOX 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).
PARKING GARAGE 6 PG-6
(UNDER CONSTRUCTION)

REFER TO SHEET 9 FOR TYPICAL SECTION

NOT FOR CONSTRUCTION PLANS

SIGNING & PAVEMENT MARKING PLANS
ALTERNATIVE 2
CONCEPTUAL PLANS FOR COMPLETE STREETS, PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND ADVANCED TRANSIT MULTIMODAL STATION
CONCEPTUAL PLANS FOR COMPLETE STREETS,
PEDESTRIAN ORIENTED SHARED-USE BRIDGE, AND
ADVANCED TRANSIT MULTIMODAL STATION

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

SIGNING & PAVEMENT MARKING PLANS
**HARDSCAPE LEGEND - FIU**

**PAVEMENT**

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

- **Keystone pavers**
  - Size: Variable in size (minimum size 18"x18").

- **Regular gray concrete / 7-8" thick (Vehicular and pedestrian circulation)**
  - Finish: Medium broom finish. Refer to Engineering Specifications.

**NOTE:** For concrete pavement structure and specifications and design criteria, refer to Eng. drawings.

- **Interlocking concrete pavers**
  - Size: 12"x12" (square or approved equal)
  - Color: Standard - To be determined by Owner.
  - Installation: As per manufacturer's specifications.

- **Lake Overlook Boardwalk**
  - Structure of Architectural Grade Finished foundations supporting vertical and horizontal Framing; Galvanized Steel Anchors and Connectors; Integrated use of Recycled Materials

- **Existing concrete walkway (protect from damage).**

- **"Regular gray concrete / 18" wide perimeter concrete pavement bands with trowel scoring (saw cut will not be acceptable)"

- **Concrete Pavement Pathway, 8 foot wide, with Required Root Bridging to protect existing mature trees. Supervision of installation of Root Bridging shall be performed by a Certified Arborist.**

- **Concrete retaining / seating wall, typ. (18"-24" wide seating concrete cap)**

**GREEN LIBRARY 05**

**LAKE OVERLOOK BOARDWALK**

**OWER HDN**

**POND**

**FLORIDA INTERNATIONAL UNIVERSITY CITY OF SWEETWATER UNIVERSITYCITY**

**UNIVERSITY CITY IMPROVEMENTS GREEN LIBRARY ENTRANCE (FIU)**

**HARDSCAPE PLAN 06-20-2014**

**NOT FOR CONSTRUCTION PLANS**
### HARDSCAPE LEGEND - CITY OF SWEETWATER

#### PAVEMENT
- **Regular gray concrete / 4" thick with teted scoring (Pavement circulation)**
  - Finish: Medium broom finish
  - Refer to Engineering Specifications

- **Existing concrete sidewalk (protect from damage)**

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

#### LIGHTING
- 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 Scorfield (or approved equal)**
  - Color: Standard - To be determined by Owner

- NEW 15' High Luminare Lighting light poles (City of Sweetwater standards - For additional information refer to Engineering specifications)

- EXISTING 35' High Luminare Lighting light poles (City of Sweetwater standards - For additional information refer to Engineering drawings)

#### TREE GRATE
- 5' Square Pre-cast Concrete Tree Grate (Model: STG-1) 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 teted scoring. Sawcut will not be acceptable.
SECTION A-A - ACROSS THE CONSERVATORY PLAZA - FLORIDA INTERNATIONAL UNIVERSITY / SCALE 1"=10'-0"

SECTION B-B - ACROSS THE LAKE
FLORIDA INTERNATIONAL UNIVERSITY / SCALE 1"=10'-0"
LANDSCAPE LEGEND - CITY OF SWEETWATER

NATIVE FLORIDA TREES

<table>
<thead>
<tr>
<th>LARGE PALM</th>
<th>MEDIUM TREE (18'-30' h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poystrenna regia / Florida Royal Palm</td>
<td>Coccoloba diversifolia / Pigeon Palm</td>
</tr>
<tr>
<td>Minimum Installation Size: 15' h, grey wood.</td>
<td>Guajira discolor / Esky</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MEDIUM PALM</th>
<th>SMALL TREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sabal palmetto / Sabal Palm</td>
<td>Lagerstroemia indica 'Red Rocket'</td>
</tr>
<tr>
<td>Minimum Installation Size: 10' h, grey wood.</td>
<td>Craze Myrtle</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SMALL PALM</th>
<th>SMALL TREE (13'-20' h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thrinax morrisii / Silver Thatch Palm</td>
<td>Myrtllis fraprass / Simpson's Stopper</td>
</tr>
<tr>
<td>Minimum Installation Size: 20 ps</td>
<td>Eugenia foetida / Spanish Stopper</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SMALL SLENDER PALM</th>
<th>GROUNDCOVER, SHRUBS AND SOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychotrema elegans / Softsate Palm</td>
<td>Combination Shrub and Groundcover planting area / Minimum Installation Size:</td>
</tr>
<tr>
<td>Minimum Installation Size: 18' h, grey wood.</td>
<td>Groundcover: Minimum size 3 gallon plants:</td>
</tr>
</tbody>
</table>

| 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. | - Shrub: Minimum size 7 gallon plants. |

Stenotaphrum secundatum 'Floratam' / St Augustine Grass (Seeding will not be acceptable)
<table>
<thead>
<tr>
<th>INDEX</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>COVER</td>
<td></td>
</tr>
<tr>
<td>A1</td>
<td>GENERAL NOTES / SPECS / LOCATION PLAN</td>
</tr>
<tr>
<td>A2</td>
<td>SITE PLAN</td>
</tr>
<tr>
<td>A3</td>
<td>SOUTHEAST ELEVATIONAL</td>
</tr>
<tr>
<td>A4</td>
<td>NORTH-EAST ELEVATIONAL</td>
</tr>
<tr>
<td>A5</td>
<td>GRADING / LIGHTING PLAN</td>
</tr>
<tr>
<td>A5.1</td>
<td>LANDSCAPE PLAN</td>
</tr>
<tr>
<td>A6</td>
<td>NORTH ELEVATIONS</td>
</tr>
<tr>
<td>A7</td>
<td>SOUTH ELEVATIONS</td>
</tr>
<tr>
<td>A8</td>
<td>SITE SECTIONS LOOKING WEST</td>
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<tr>
<td>A9</td>
<td>SITE SECTIONS LOOKING WEST</td>
</tr>
<tr>
<td>A10</td>
<td>TYPICAL SECTION DETAIL</td>
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<tr>
<td>A11</td>
<td>TYPICAL SECTION DETAIL</td>
</tr>
<tr>
<td>A12</td>
<td>TYPICAL SECTION DETAIL</td>
</tr>
<tr>
<td>A13</td>
<td>BENCHES GEOMETRY GRID</td>
</tr>
<tr>
<td>A14</td>
<td>BENCH (A) GEOMETRY</td>
</tr>
<tr>
<td>A15</td>
<td>BENCH (B) GEOMETRY</td>
</tr>
<tr>
<td>A16</td>
<td>BENCH (C) GEOMETRY</td>
</tr>
<tr>
<td>A17</td>
<td>BENCH (D) GEOMETRY</td>
</tr>
<tr>
<td>A18</td>
<td>MEMORIAL PLAQUES</td>
</tr>
<tr>
<td>A19</td>
<td>MEMORIAL PLAQUES</td>
</tr>
<tr>
<td>A20</td>
<td>MEMORIAL PLAQUES DETAIL</td>
</tr>
<tr>
<td>A21</td>
<td>AERIAL VIEW LOOKING WEST</td>
</tr>
<tr>
<td>A22</td>
<td>AERIAL VIEW LOOKING WEST - DETAIL</td>
</tr>
<tr>
<td>A23</td>
<td>PERSPECTIVE LOOKING EAST</td>
</tr>
</tbody>
</table>
GENERAL SPECIFICATIONS

MATERIAL NOTES / MINIMUM STANDARDS

- CAST IN PLACE CONCRETE BENCHES / WALLS
  Exposed concrete surfaces shall be formed with alternating vertical 1"x4" & 1"x8" rough
  sawn wood planks. Provide life size mockup of concrete finish for NC-OFFICE approval.
  Concrete color shall be standard gray.

- BENCH WOOD TOP
  Bench wood top shall be 5-1/2"x5/4" thick "Teak" boards fastened to pressure treated 1"x2
  furring with stainless steel deck screws.

- CONCRETE SIDEWALKS
  Sidewalks shall be 4" thick and cast over stabilized subgrade. Pattern joints shall be tooled
  1/8" wide with 1/2" rakes.
  Concrete color shall match 109th Ave Streetscape Specifications.

- STONE PAVERS
  Pavers shall be 6"x12"x3" thick "Coralina" with beveled edge & saw cut running bond
  pattern. Pavers shall be set in minimum 1-1/2" sand base over 8" lime rock base.

- LIGHTING
  LED Linear Strip light
  Manufacturer "Wac Lighting"
  Model - "InvisLED 24v Pro Outdoor LED Tape"
  In Ground LED light
  Manufacturer "BEGA"
  Model - "100LED"
  Landscape Lights
  Manufacturer "Hinkley"
  Model - "536BZ"

- SIGNAGE
  Plaques shall be bronze in image cast process. Provide life size mockup of plaques.
  Submit shop drawings to be approved by NC-OFFICE, City Of Sweetwater & HU.

- FREE STANDING SITE FURNITURE
  Manufactures as per 109th Ave Streetscape Specifications

APPROVALS / SUBMITTALS

- The awarded Design / Build team shall submit 50% & 100% Construction Drawings
  of all pertinent disciplines for the BTTMP (core) to NC-OFFICE for review and
  approval prior to building permit submittal.
- Submit shop drawings to be approved by NC-OFFICE.
### Landscape Legend

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>PLANT NAME</th>
<th>OVERALL HEIGHT</th>
<th>CANOPY SPREAD</th>
<th>DROUGHT TOLERANCE</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Shrub</td>
<td>12&quot;</td>
<td>24&quot;</td>
<td>NA</td>
<td>4</td>
</tr>
<tr>
<td>B</td>
<td>Shrub</td>
<td>12&quot;</td>
<td>24&quot;</td>
<td>NA</td>
<td>8</td>
</tr>
<tr>
<td>C</td>
<td>Shrub</td>
<td>12&quot;</td>
<td>24&quot;</td>
<td>NA</td>
<td>7</td>
</tr>
<tr>
<td>D</td>
<td>Shrub</td>
<td>12&quot;</td>
<td>24&quot;</td>
<td>NA</td>
<td>13</td>
</tr>
<tr>
<td>E</td>
<td>Shrub</td>
<td>12&quot;</td>
<td>24&quot;</td>
<td>NA</td>
<td>23</td>
</tr>
<tr>
<td>F</td>
<td>Shrub</td>
<td>12&quot;</td>
<td>24&quot;</td>
<td>NA</td>
<td>68</td>
</tr>
</tbody>
</table>

### General Landscape Notes

1. MIN. SHADE TREE REQ. 14" DIA., 36" SPREAD, 2.5" DBH, 4.5 CT. All Plant Material Must Be Florida Grade #1 Or Better.
2. SHRUBS & GROUND COVER MUST BE INSTALLED. PL GRADE #1.
3. ALL TREES, PALMS, SHRUBS, AND GROUND COVERS SHALL BE PLANTED WITH A MIN. OF 12" OR 2 TIERED THE SIZE OF ROOTBALL WITH CLEAN 50% SAND AND 50% MUCK PLANTING MIX AROUND ROOTBALL. APPLY FERTILIZER.
4. PLANTS MUST BE INSTALLED USING STANDARD HORTICULTURAL PRACTICES. ROOTBALLS MUST BE PLANTED 10% ABOVE FINISH GRADE. WIRE CAGES, BURLAP, PLASTIC CONTAINERS, AND GROW-BAGS MUST BE REMOVED PRIOR TO PLANTING.
5. ROOT BARRIERS ARE REQUIRED FOR TREES PLANTED WITHIN PLANTERS.
6. 3" DEPTH MULCH (ARSENIC FREE) REQUIRED AT ALL PLANTERS.
7. GUARD AND STAKES MUST BE INSTALLED AS PER CODE REQUIREMENTS AND REMOVED ONE YEAR AFTER INSTALLATION OR UPON ROOT ESTABLISHMENT.
8. IRRIGATION SYSTEM MUST PROVIDE RUST-FREE WATER. COVERAGE MUST BE 100% WITH 100% OVERLAP.
9. ALL TREES AND PALMS SHALL BE A MIN. 4' AWAY FROM ALL UNDERGROUND UTILITY LINES.
10. ONE YEAR WARRANTY MUST BE PROVIDED UPON PROJECT COMPLETION.
11. LANDSCAPING MUST BE MAINTAINED AND REMAIN CODE COMPLIANT.
12. PLANT SCHEDULE SPECIFIES SIZE OF PLANT AT TIME OF PLANTING.
Memorial Plaza

tified the air traffic controllers in Miami and Havana of their flight
distance north of Cuba's 12 miles of territorial waters and is that
rinely fly through this area. Aviation practice requires that aircraft
Manuel Duasso
Commissioner

In Honor of

Miami and Havana of their flight plans, which would take the
The 24th parallel is located a considerable distance north of Cuba's
waters and is the northernmost limit of the Havana Flight Info

ablo Morales was born in Havana, Cuba, on 16 May 1966. On 5 August 1992 he fled the island with the Rescue organization. As a result, he joined the organization as a volunteer and flew as copilot.