LEGAL DESCRIPTION:
LOT 3, LESS THE SOUTH 7.00 FEET THEREOF, AND ALL OF LOTS 1, 2 AND 4, BLOCK 17, TOGETHER WITH TRACT 'A', LESS THE NORTH 27.00 FEET THEREOF AND LESS THE SOUTH 246.00 FEET THEREOF, "A REPLET OF GOLDEN ISLES SEC. D", ACCORDING TO PLAT AS RECORDED IN PLAT BOOK 53, PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

GOLDEN ISLES TENNIS CENTER
CIVIL ENGINEERING PLANS

HALLANDALE BEACH
BROWARD COUNTY, FLORIDA

LOCATION MAP
SECTION 27, TOWNSHIP 51 SOUTH, RANGE 42 EAST

PROJECT LOCATION

CLIENT CODE/FILE NUMBER:
PROJECT ID - SUBMISSION NUMBER:
PROJECT LOCATION

NOTES:
BROWARD COUNTY TRAFFIC ENGINEERING DIVISION DOES NOT REVIEW UNLESS APPOINTED BY THE OWNER OR HIS AGENT OR PERSONAL REPRESENTATIVE TO REVIEW THE SHEETS AS A COMPONENT OF THE SUBMITTAL.


THE VERTICAL INFORMATION HEREIN IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD28). THE VAST MAJORITY OF THE SITE IS LOCATED IN THE FOLLOWING FLOOD ZONE. THE PROPOSED BUILDING IS LOCATED IN THE FOLLOWING FLOOD ZONE:

VRF FLOOD MAP DESIGNATION:
NEW NAVD 88 ELEVATION: 6

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CRAVEN • THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3905 N.W. 33RD STREET FORT LAUDERDALE, FLORIDA 33308
TEL: 954.484.4000 FAX: 954.484.5588
WWW.ACAIWORLD.COM

ALESSE REPRINTED WITH PERMISSION FROM ANCIENT AMERICAN CONSTRUCTION MANAGEMENT, INC.

CLIENT CODE/FILE NUMBER:
PROJECT ID - SUBMISSION NUMBER:
CTA PROJECT NUMBER: 17-0004-001-01
SPECIFIC SITE NOTES

1. CLEARING AND FILLING

A. CLEANING UP:

1. CLEARING AND FILLING

2. SANITARY SEWER SYSTEM

3. CONTRACTOR SHALL MAINTAIN WATER SERVICE TO ALL EXISTING FACILITIES DURING CONSTRUCTION.

4. CONTRACTOR SHALL MAINTAIN WATER SERVICE TO ALL EXISTING FACILITIES DURING CONSTRUCTION.

5. FIRE HYDRANTS SHALL BE MUELLER CENTURION TRAFFIC TYPE A-423 WITH 5 1/4" INTERNAL VALVE OPENING OR APPROVED EQUAL.


10. MANHOLE LEAKAGE TEST SHALL NOT EXCEED 4 GALLONS PER DAY PER UNIT. NO VISIBLE LEAKAGE ALLOWED.

11. SANITARY SEWER SYSTEM

12. CONTRACTOR SHALL MAINTAIN WATER SERVICE TO ALL EXISTING FACILITIES DURING CONSTRUCTION.


NOTES:

1. CONTRACTOR SHALL ASSUME ANY AND ALL RESPONSIBILITIES FOR ANY WATER CONTROL VIOLATIONS RESULTING FROM FAILURE TO ELIMINATE AND/OR CONTROL TURBID RUNOFF FROM LEAVING THE SITE AS ISSUED BY ANY AGENCY HAVING JURISDICTION.

2. CONTRACTOR SHALL PROVIDE TEMPORARY CONSTRUCTION FENCE AROUND ALL EXCAVATION AREAS FOR ANY EXCAVATION FOR PIPE INSTALLATION, IDENTIFYING AREAS(S) SHALL BE PROTECTED WITH SILT SCREENING. ALL SEDIMENT OPERATIONS SHALL DISCHARGE INTO TEMPORARY SEDIMENT SCREENING AND NO DIRECT DISCHARGE INTO THE EXISTING OR NEW DRAINAGE STORM DRAINS, PUBLIC RIGHT OF WAY WILL BE ALLOWED.

3. CONTRACTOR SHALL MANUFACTURE A POLLUTION PREVENTION CONTROL LODS AND CONDUCT WEEKLY INSPECTIONS AND DRAINAGE TO 24 HOURS OF A 0.25" STORM EVENT.

4. CONTRACTOR TO EMPLOY BEST MANAGEMENT PRACTICES THROUGHOUT CONSTRUCTION IN ORDER TO ELIMINATE POLLUTION PREVENTION. CONTRACTOR TO COMPLY WITH ALL LOCAL, STATE, AND OTHER LOCAL, GOVERNMENTAL ENVIRONMENTAL REGULATIONS THROUGHOUT CONSTRUCTION.

5. DURING CONSTRUCTION, ALL CATCH BASINS TO BE EQUIPPED WITH FILTER FABRIC AND HAY BALES OVER GRATES.

6. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED WITHIN A RESPONSIBLE PERIOD OF TIME TO ASSURE MINIMUM EROSION OF SOILS.

7. ALL CLEARING OR GRADING SHALL BE ENDED UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.

8. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DESIRED NECESSARY. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED AT CONTRACTOR'S EXPENSE.

9. THE CONTRACTOR SHALL CLEAR THE EXISTING EROSION CONTROL ENTRANCES AND PIPE WITHIN THE LIMITS OF CONSTRUCTION UPON COMPLETION OF THE PROJECT.

TO OBTAIN PERMIT IS REQUIRED.

VERTICAL INFORMATION HEREIN IS RELATIVE TO THE NORTH-AMERICAN VERTICAL DATUM (NAVD88)
**NOTICE:**

1. Locations of all existing utilities are approximate and should be field verified prior to construction.
2. Roof leaders shall have a minimum 1% slope, unless otherwise noted.
3. Contractor is to adjust all existing risers of existing utility appurtenances to remain to match proposed grades.
4. All pipe lengths are measured from center of structure.
5. The cross slope on A.D.A. accessible routes shall not exceed 2.0%, the longitudinal slope on A.D.A. accessible routes (not including ramps) shall not exceed 5.0%. The longitudinal slope for ramps shall not exceed 12:1 (8.33%).
6. Contract shall provide all fittings, couplings, or adapters necessary to connect to the building plumbing and to connect roof leaders to the main storm lines.
7. Vertical information herein is relative to the North American Vertical Datum (NAVD88).

**PROPOSED DRAINAGE LEGEND:**

- **DRAINAGE STRUCTURE NUMBER**
- **DRAINAGE STRUCTURE TYPE**
- **R.I.EVEN**
- **O.EVEN**
- **DRAINAGE FLOW DIRECTION**
- **PROPOSED PAVEMENT ELEVATION**
- **PROPOSED CONCRETE ELEVATION**
- **CONCRETE PAVEMENT**
- **DRAINAGE STRUCTURE TYPE**
- **DRAINAGE FLOW DIRECTION**
- **CONCRETE PAVEMENT**
- **CONCRETE PAVEMENT**
- **DRAINAGE CLEAN OUT (ARCHITECTURAL PLAN)**

**NOTICE:**

1. Locations of all existing utilities are approximate and should be field verified prior to construction.
2. Roof leaders shall have a minimum 1% slope, unless otherwise noted.
3. Contractor is to adjust all existing risers of existing utility appurtenances to remain to match proposed grades.
4. All pipe lengths are measured from center of structure.
5. The cross slope on A.D.A. accessible routes shall not exceed 2.0%, the longitudinal slope on A.D.A. accessible routes (not including ramps) shall not exceed 5.0%. The longitudinal slope for ramps shall not exceed 12:1 (8.33%).
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7. Vertical information herein is relative to the North American Vertical Datum (NAVD88).
PROPOSED DRAINAGE LEGEND

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<td>DRAINAGE FLOW DETAIL</td>
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NOTES:

1. LOCATION OF ALL EXISTING UTILITIES ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. ALL ROOF LEADERS SHALL HAVE A MINIMUM 6% SLOPE, UNLESS OTHERWISE NOTED.
3. CONTRACTOR TO ADJUST ALL DISTANCE MEASUREMENTS OF EXISTING UTILITIES TO MATCH PROPOSED DRAINAGE.
4. ALL LEADERS ARE TO MATCH PROPOSED GRADES.
5. CONTRACTOR TO ADJUST ALL DISTANCE MEASUREMENTS OF EXISTING UTILITIES TO MATCH PROPOSED DRAINAGE.
6. THE MAIN STORM DRAIN LINES.
7. VERTICAL INFORMATION HEREON IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).
8. THE APPLICABLE BUILDING CODES
9. VERTICAL INFORMATION HEREON IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).

PROJECT TEAM
ARCHITECTS - ENGINEERS - PLANNERS - SURVEYORS
CRAVEN THOMPSON AND ASSOCIATES, INC.
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Golden Isles Tennis Center
Hallandale Beach, FL 33309
Tel: 954.484.4000 Fax: 954.484.5588
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PROPOSED DRAINAGE LEGEND:

- DRAINAGE STRUCTURE NUMBER
- DRAINAGE FLOW DIRECTION
- PROPOSED PAVEMENT ELEVATION
- PROPOSED CONCRETE ELEVATION
- PROPOSED PAVEMENT
- PROPOSED DRAINAGE CLEAN OUT (SEE ARCHITECTURAL PLANS)
- PROPOSED DRAINAGE CATCH BASIN
- PROPOSED DRAINAGE MANHOLE
- PROPOSED DRAINAGE CLEAN OUT (SEE ARCHITECTURAL PLANS)
- PROPOSED CONTROL STRUCTURE
- PROPOSED STORM SEWER
- PROPOSED DRAINAGE MANHOLE
- PROPOSED DRAINAGE CATCH BASIN
- PROPOSED DRAINAGE CLEAN OUT (SEE ARCHITECTURAL PLANS)
- PROPOSED CONTROL STRUCTURE
- PROPOSED STORM SEWER

NOTES:

1. LOCATIONS OF ALL EXISTING UTILITIES ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO ADJUST ALL EXISTING RIM/GRATES OF EXISTING APPURTENANCES TO REMAIN TO MATCH PROPOSED GRADES.
3. CONTRACTOR TO PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
4. ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE.
5. THE CROSS SLOPE ON A.D.A. ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0%, THE LONGITUDINAL SLOPE ON A.D.A. ACCESSIBLE ROUTES (NOT OF ADJACENT WIDTH)
6. CONTRACTOR SHALL PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
7. VERTICAL INFORMATION HEREON IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).
8. CONCRETE APRONS ARE TO BE PLACED ON ALL DRAINAGE STRUCTURES WITHIN THE GREEN AREAS AS INDICATED ON THE PLANS.
9. SIDEWALK JOINTS ARE TO BE FORMED BY TROWEL TOOLING.
PROPOSED WATER AND SEWER LEGEND:

- FIRE HYDRANT ASSEMBLY
- GATE VALVE
- WATER METER
- SAMPLING POINT
- BACKFLOW PREVENTER
- SERVICE, FIRE CONNECTION PLUG
- SANITARY SEWER MAINS
- CLEANOUT
- SANITARY SEWER: FIRE FLOW DIRECTION
- SANITARY (DOUBLE) SERVICE
- SIAMESE FIRE CONNECTION
- PLUG
- PAVEMENT RESTORATION
- COMPACT CALLOUT

NOTES:
2. RESTORE EXISTING VALVES AND MANHOLES AT PROPOSED CONNECTIONS TO CITY STANDARDS.
3. SANITARY SEWER MAINS INCLUDING CLAY TO BE TRASHED DISPOSAL OF 50 FT. FROM MAINS TO PREVENT PROBLEMS.
4. ALL TAPS MUST BE PERFORMED BY THE CITY OF HALLANDALE BEACH UTILITIES DIVISION. TAPS MUST BE SCHEDULED 48 HOURS IN ADVANCE.
5. ALL EXISTING UTILITIES ARE TO BE PROTECTED DURING DEMOLITION.
6. ALL EXISTING UTILITIES TO BE PROTECTED DURING DEMOLITION.

VERTICAL INFORMATION DESIGNED IN RELATION TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).
PROPOSED WATER AND SEWER LEGEND:

- FIRE HYDRANT ASSEMBLY
- Gate Valve
- Water Meter
- Swivel Joint
- Reservoir
- Backflow Preventer
- Sidewalk Fire Connection
- Plug

SANITARY SEWER MAINS
- Clay Main
- Clay Main (Exposed)
- Clay Main (Service)
- Clay Main (Service - Exposed)
- Covered Sewer Main
- Rip-Rap Retaining Material Along Entire Length

NOTES:
1. ALL WATER MAINS INSTALLATIONS SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 62-555 OF THE FAC AS APPLICABLE.
2. FIRE HYDRANTS SHALL FOLLOW THE REQUIREMENTS OF THE FAC AS APPLICABLE.
3. SANITARY SEWER MAIN INSTALLATION SHALL USE UNIFORM PIPE MATERIAL AND COMPLY WITH THE REQUIREMENTS OF CHAPTER 62-555 OF THE FAC AS APPLICABLE.
4. ALL SANITARY SEWER MAINS AND LININGS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 62-555 OF THE FAC AS APPLICABLE.
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11. ALL SANITARY SEWER MAINS AND LININGS SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 62-555 OF THE FAC AS APPLICABLE.

SCALE: 1" = 20'
NOTES:

1. CONTRACTOR TO MAINTAIN ALL SIGNS DURING CONSTRUCTION, UNLESS OTHERWISE NOTED.
2. ALL EXISTING PAINTING MARKINGS AND SIGNAGE DISTURBED DUE TO PROPOSED CONSTRUCTION ACTIVITIES SHALL BE REPLACED.
3. ALL EXISTINGPAINTING MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH "THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND ROADS" LATEST EDITION, BROWARD COUNTY TRAFFIC ENGINEERING DEPARTMENT STANDARDS, LATEST EDITION.
4. ALL PAINTING MARKINGS SHALL BE ALKYD BASED THERMOPLASTIC AND FULLY REFLECTORIZED UNLESS NOTED OTHERWISE.
5. ALL PAINTING MARKINGS REFLECTIVITY SHALL BE 20000 CD/M² FOR WHITE AND 100 CD/M² FOR YELLOW.
6. ALL INDICTION AND WARNING SIGN SHALL USE TYPE 3 SHEETING.
7. RAISED PAINTING MARKINGS (RPMs) SHALL BE CLASS "B" OR EQUIVALENT, APPLIED INTO BITUMINOUS OR ARMAVIL MARKING.
8. EXISTING MARKINGS SHALL BE REMOVED BY WATER BLASTING OR SANDBLASTING ONLY.
9. ALL STOP BARS SHALL BE 6 INCH CLASS B OR RESIN.
10. ALL ON-SITE PARKING STALL SHALL BE PAINTED PER CITY OF HALLANDALE BEACH STANDARDS WITH A DOUBLE 4" WIDE WHITE PAINT LINE.
TYPE "D" CONCRETE CURB

LIMEROCK BASE. MIN. LBR-100 COMPACTED TO 98% MAX. DRY DENSITY PER A.A.S.H.T.O. T-180.

(APPLY A PRIME COAT TO BASE)

12" COMPACTED SUBGRADE. MIN. LBR-40 COMPACTED TO 98% MAX. DRY DENSITY PER A.A.S.H.T.O. T-180

SCALE: N.T.S.

TYPICAL PAVEMENT INTERFACE

SAW CUT AND STRIP BACK PAVEMENT AS SHOWN AND CONNECT TO EXISTING PAVEMENT

MILL & RESURFACE 1" OF EXISTING PAVEMENT.

OVERLAY WITH MINIMUM 1" SP-9.5 SUPERPAVE FRICTION COURSE

4'-0"

1 1/2" TYPE SP-12.5 SUPERPAVE STRUCTURAL COURSE (BOTTOM) AND 1" SP-9.5 SUPERPAVE FRICTION COURSE (TOP)

8" NEW LIMEROCK BASE (MIN LBR=100)

12" COMPACTED SUB-BASE (MIN LBR=40)

EXISTING BASE

SEE HARDSCAPE PLANS REGARDING EXACT PAVER SPECIFICATIONS INCLUDING THICKNESS OF PAVER.

NOTES:

1. LIMEROCK BASE THICKNESS SHALL MATCH DESIGN SECTIONS. 6" FOR PAVERS, AND 8" FOR ASPHALT AREAS. MIN. LBR-100 COMPACTED TO 98% MAX. DRY DENSITY PER A.A.S.H.T.O. T-180.

2. STABILIZED SUBGRADE SHALL BE 12" MIN. LBR-40 COMPACTED TO 98% MAX. DRY DENSITY PER A.A.S.H.T.O. T-180

TYPICAL PAVING DETAILS

NOTES:

1. LIMEROCK BASE THICKNESS FOR THE CURB PAD SHALL BE 4" MIN. LBR-100 COMPACTED TO 98% MAX. DRY DENSITY PER A.A.S.H.T.O. T-180.

2. STABILIZED SUBGRADE SHALL BE 12" MIN. LBR-40 COMPACTED TO 98% MAX. DRY DENSITY PER A.A.S.H.T.O. T-180

SEE DESIGN SECTION FOR THICKNESS (6" OR 8")

TYPICAL PAVER SECTION

SCALE: N.T.S.

NOTES:

1. LIMEROCK BASE THICKNESS SHALL MATCH DESIGN SECTIONS. 6" FOR PAVERS, AND 8" FOR ASPHALT AREAS. MIN. LBR-100 COMPACTED TO 98% MAX. DRY DENSITY PER A.A.S.H.T.O. T-180.

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TYPICAL PAVER INTERFACE

SCALE: N.T.S.

NOTES:

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SEE DESIGN SECTION FOR THICKNESS (6" OR 8")

TYPICAL PAVEMENT SECTION

SCALE: N.T.S.

NOTES:

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SEE DESIGN SECTION FOR THICKNESS (6" OR 8")

TYPICAL PAVING DETAILS

NOTES:

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SEE DESIGN SECTION FOR THICKNESS (6" OR 8")

TYPICAL PAVEMENT INTERFACE

SCALE: N.T.S.

NOTES:

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2. STABILIZED SUBGRADE SHALL BE 12" MIN. LBR-40 COMPACTED TO 98% MAX. DRY DENSITY PER A.A.S.H.T.O. T-180

SEE DESIGN SECTION FOR THICKNESS (6" OR 8")
LEGAL DESCRIPTION:
LOT 3, LESS THE SOUTH 720 FEET THEREOF, AND ALL OF LOTS 1, 2 AND 4, BLOCK 17, TOGETHER WITH TRACT A, LESS THE NORTH 2700 FEET THEREOF AND LESS THE SOUTH 2490.00 FEET THEREOF, "A REPLAT OF GOLDEN ISLES SEC. D", ACCORDING TO PLAT THEREOF AS RECORDED IN PLAT BOOK 53, PAGE 21, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

GOLDEN ISLES TENNIS CENTER
DRC RE-SUBMITTAL

HALLANDALE BEACH
BROWARD COUNTY, FLORIDA

SECTION 27, TOWNSHIP 51 SOUTH, RANGE 42 EAST

PROJECT LOCATION

LOCATION MAP

PREPARED FOR:
CITY OF HALLANDALE BEACH

CRAVEN THOMPSON AND ASSOCIATES, INC.
ENGINEERS PLANNERS SURVEYORS
3051 E. MELISSA STREET, HALLANDALE, FL 33009
TEL: 954-484-4000 FAX: 954-484-5588

PROJECT NUMBER: 17-0004-001-01
DATE: 03.15.2019

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VERIFIED INFORMATION HEBREW IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88), THE VAST MAJORITY OF THE SITE IS LOCATED IN THE FOLLOWING FLOOD ZONE: AL NEW NAVD 88 ELEVATION 6.0

DATE: 03.15.2019

CTA PROJECT NUMBER: 17-0004-001-01

COVER SHEET

SHEET TITLE: GOLDEN ISLES TENNIS CENTER

SHEET NUMBER: CVR

VERTICAL INFORMATION HEBREW IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88), THE VAST MAJORITY OF THE SITE IS LOCATED IN THE FOLLOWING FLOOD ZONE: AL NEW NAVD 88 ELEVATION 6.0

DATE: 03.15.2019

CTA PROJECT NUMBER: 17-0004-001-01

COVER SHEET

SHEET NUMBER: CVR

VERTICAL INFORMATION HEBREW IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).
PRODUCTS:

2ND RE-SUBMITTAL

FIELD PAVERS: PLAZA SERIES - 4"X8"X 2 -3/8" CONCRETE PAVERS

DRC RE-SUBMITTAL

EDGE CONDITION VARIES, SEE SITE PLAN

STANDARD CONCRETE WALKWAY

JOINTING DIMENSION WITH LIGHT BROOM FINISH

MORTAR SET PAVERS AT

TOP OF CURB TO BE FLUSH AND LEVEL 8" WITH ADJACENT PATH OR ROAD

CONCRETE PAVERS REQUIRED BY STRUCTURAL ENGINEER

DISTANCE VARIES 6" SITE GRADING MAY REQUIRE ADDITIONAL CONCRETE DEPTH TO ALLOW FOR COMPACTED LIMEROCK BASE (TYP)

DISTANCE VARIES

4 STANDARD CONCRETE PAVING 38" WIDE CONCRETE HEADER SECTION NTS

STAMPED CONCRETE - CROSSWALKS

PLEXIPAVE - TENNIS AND BASKETBALL SURFACING

CLAY TENNIS COURT

BOCCI BALL SURFACING

ARTIFICIAL TURF AT PLAYGROUND

MANUFACTURER: PLEXIPAVE - TENNIS AND BASKETBALL SURFACING

MANUFACTURER: NO FAULT

MANUFACTURER: SPD-1

NOTES:

1) CONTRACTOR TO DO 3'X3' MOCK-UP OF RUBBER SURFACE. SAMPLE TO BE APPROVED BY LANDSCAPE ARCHITECT BEFORE PROCEEDING AND SHALL REMAIN ON SITE DURING INSTALL CAN OMIT THE CONCRETE HEADER.

2) CONTRACTOR TO PROVIDE SAMPLE COLORS FOR RUBBER TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO COMPLETING THE SAMPLE.

3) RUBBER SURFACING MANUFACTURER INFORMATION AND SPECIFICATION FOR RUBBER PELLETS AND BINDER TO BE PROVIDED FOR APPROVAL.

NOTES:

1) CONTRACTOR TO INSTALL FROM EDGE OF PATH OR ROAD TO LIMIT OF SLIDING GATE. 8" HEADER CURB SHALL FULLY GROUTED THIS EDGE RESTRAINT.

2) CONTRACTOR TO SUBMIT PRODUCT INFO TO LANDSCAPE ARCHITECT FOR APPROVAL.

3) FINISHER QUALIFICATIONS: COMPANY SPECIALIZING IN PERFORMING THE WORK OF THIS SECTION WITH A MINIMUM OF 5-YEARS DOCUMENTED EXPERIENCE OR NOT LESS THAN 10 PROJECTS WITH SIMILAR QUANTITY OF SURFACE AREA FOR COLORED, IMPRINTED OR SPECIALTY CONCRETE.

NOTES:

1) MOCKUPS: PROVIDE A 10'X10' MOCKUP TO DEMONSTRATE PROPOSED SURFACE FINISH, TEXTURE, AND COLOR. USE THE SAME CEMENT BRAND, AGGREGATE TYPE AND CONSTRUCTION METHODS THAT WILL BE USED ON THE JOB. MAINTAIN APPROVED SAMPLE PANEL ON SITE EXPOSED TO VIEW FOR DURATION OF PROJECT, AFTER ARCHITECT'S ACCEPTANCE OF VISUAL QUALITIES. IT IS SUGGESTED TO POUR THE SAMPLE ON A MOVEABLE PALLET SO THAT IT CAN BE READILY MOVED IF NEEDED. POUR MOCK-UP UNDER WEATHER CONDITIONS, INCLUDING SHADING, TEMPERATURE, TIME OF DAY, FINISHER QUALIFICATIONS, TOOLS, MATERIALS AND MIXTURE. CHECK AND VERIFY AIR CONTENT AND SLUMP.

2) CONCRETE TO BE SEALED WITH CLEAR "NATURAL LOOK" PENETRATING SEALER BY GLAZE N' SEAL. PRODUCT SPECIFIED TO BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL.

3) FINISHER QUALIFICATIONS: COMPANY SPECIALIZING IN PERFORMING THE WORK OF THIS SECTION WITH A MINIMUM OF 5-YEARS DOCUMENTED EXPERIENCE OR NOT LESS THAN 10 PROJECTS WITH SIMILAR QUANTITY OF SURFACE AREA FOR COLORED, IMPRINTED OR SPECIALTY CONCRETE.

NOTES:

1) CONTRACTOR TO SUBMIT PRODUCT INFO FOR INSTALL, BASE MATERIAL, AND TURF FILL AGGREGATE. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.

2) ALL HARDWARE AND ATTACHMENTS TO BE GALVANIZED.

3) FOR AREAS WHERE THE TURF IS ADJACENT TO A CONCRETE WALL, CURB, OR SLAB INSTALL CAN OMIT THE CONCRETE HEADER.

NOTES:

1) REFER TO MANUFACTURERS SPECIFICATION FOR INSTALL, BASE MATERIAL, AND TURF FILL AGGREGATE. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.

2) ALL HARDWARE AND ATTACHMENTS TO BE GALVANIZED.

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2. Contractor to field verify dimensions.

3. Truss bars are required for the first span on each side of a corner post.

4. Middle brace bar required as necessary depending on height of fence and manufacturer's specifications.

5. Footing width to be (4) x post width, minimum depth 36”.

6. Fence footings to be specialty engineered. Contractor to submit signed sealed structural drawings for review.

7. Posts, framing, and hardware to be black powder coated.

8. Fence fabric to be black vinyl coated galvanized chain link.
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TREE MITIGATION STATEMENT:

THE EXISTING TREE COVER ON THE SITE IS PRIMARILY NUISANCE/INVASIVE SPECIES SUCH AS AUSTRALIAN PINE AND BLACK OLIVE WHICH WILL BE REMOVED AS PART OF THE RE-DESIGN OF THE TWO PROPERTIES INTO ONE CONTIGUOUS PARK. WE WILL RELOCATE AS MANY PALMS AS ARE IN CONDITION SUITABLE FOR RE-USE. THERE IS ONE OAK TREE THAT IS OF QUALITY AND CONDITION TO RELOCATE AND THAT TREE WILL BE RELOCATED ONTO THE SITE. THESE MEASURES SHOULD MINIMIZE ANY NEGATIVE IMPACTS ON THE SITE AND WE FEEL WILL IMPROVE THE SITE AND INCREASE THE POSITIVE EFFECTS OF THE NEWLY INSTALLED VEGETATION.
DRC SUBMITTAL

A. Trees to be relocated shall be root pruned at least 60 days prior to digging with clean, sharp equipment. The specific requirements for root ball size shall be in accordance with the beginning of the construction contract and shall be completed by the completion date of the contract. No relocation work shall start before the date approved nor backfill with good rooting medium, fertilize with organic fertilizer to promote root growth, reduce to weeds, discourage foot traffic and its compacting effect, conserve moisture and increase temperature fluctuation.

B. Root Ball Size Chart: Root ball sizes shall be in accordance with minimum standards set forth in Grades and Standards for Nursery Plants Part 11, Palms and Trees, Florida Department of Agriculture, as follows:

1. Colyer
   - Minimum Ball Diameter
   - 3/2 - 4: 28" (2"
   - 4 - 6 1/2: 30"
   - 6 1/2 - 8: 32"
   - 5 - 5 1/2: 34"
   - Larger Sizes: increases proportionally

2. Medium Ball Diameter
   - Less than 20": Not less than 75% of diameter
   - 20" to 20": Not less than 65% of diameter
   - 20" to 24": Not less than 65% of diameter

QUALITY ASSURANCE

A. Unless otherwise specified, trees to be transplanted shall conform to National Arborist Association, Ref. 1.

B. CONTRACTOR shall comply with National Arborist Association standards for pruning and shall remove branches from trees that are to remain as necessary to clear new construction.

C. CONTRACTOR shall recommend procedures to compensate for loss of roots of any kind and shall perform initial pruning of branches and elimination of root growth removal which are required to accommodate new construction.

D. Tree repair work shall be performed for damage incurred by construction by an ISA-Certified Arborist.

E. Routine progress evaluation reports shall be provided to relocate trees until the end of the maintenance period.

F. Evaluate existing trees prior to transplanting and verify that trees are free from disease and sufficiently strong to survive relocation from their site to their new location. Notify the LANDSCAPE ARCHITECT in writing of any trees that the CONTRACTOR considers insufficiently strong to survive relocation.

SUBMITTAL

A. CONTRACTOR shall submit for approval by OWNER a list of equipment, procedures, and labor force anticipated for use in tree relocation. CONTRACTOR must include start date, completion date, and schedule of relocation as part of the approved progress schedule and, in addition, shall submit a more detailed daily schedule for the transplanting period, showing the schedule for root pruning and the number of units to be dug and relocated to specified areas.

B. For those materials that require root pruning, the relocation schedule will begin at the end of the specified root pruning period.

C. CONTRACTOR shall apply for and pay all costs associated with the removal of existing trees. The permit shall be obtained from the CITY.

D. Prior to start of relocation work, the CONTRACTOR shall submit for approval details of the tree protection system to be utilized. All trees planted shall be protected in accordance with recognized standards of the industry and protection system shall be removed once construction is complete. CONTRACTOR shall also certify that where damage occurred, trees were promptly and properly treated, and shall indicate which damaged trees (if any) are incapable of retaining full growth potential and are recommended to be replaced.

E. The CONTRACTOR is responsible for keeping his work, use only methods, sequence and schedule for transplanting trees and plant protection methods different from what is described in this SPECIFICATION. However, if different, the CONTRACTOR must submit for approval a full description of all proposed methods, sequence of events and schedule for affecting tree relocations and protection.

F. CONTRACTOR shall coordinate tree relocation with road construction and other related operations and such coordination shall clearly evidence in the schedule submitted.

G. CONTRACTOR must be utilized for business or maintenance of all relocated trees.

GUARANTEE

A. Relocated plant material shall fall under the standard 12-month guarantee.

B. Damage to other plants, lawn or construction work occurring within the work area during tree relocation shall be repaired at no cost to the CITY. This also includes, but is not limited to, damage of curbs, walkways, roads, fence, shrub plantings, trees, and shrubs shall be performed in accordance with this specification.

C. Existing trees on site shall not be more than 25% loss after relocation procedures are completed. CONTRACTOR shall be responsible for replacing any tree loss due to lack of care and inadequate methods of transplanting the trees. If the roots are damaged, then the CONTRACTOR shall have the option of replacing the tree.

D. All trees transplanted into areas designated for growth shall be protected with a protective wrap of plastic sheeting, and shall fine grade all disturbed areas, including areas adjacent to the transplanted materials, to provide a neat and uniform site. All damaged or altered existing landscape work shall be repaired at no cost to the CITY. This also includes, but is not limited to, damage of curbs, walkways, roads, fence, shrub plantings, trees, and shrubs shall be performed in accordance with this specification.

E. All trees transplanted shall be planted immediately and watered thoroughly. Ball sizes shall be as recommended in ANSI Z60.1

TAGGING

A. Trees within the designated areas for relocation shall be clearly marked by means of yellow plastic surveillance ribbons and coordinated with the LANDSCAPE ARCHITECT and CITY prior to root prunning and/or digging.

B. Digging, wrapping, and handling: Plants shall be dug and prepared for moving in a manner which will cause damage to branches, trunks, root system, and development.

C. Root and Backfilled Plants: Banks shall be firmly wrapped with burlap or approved cloth substitute. No loose soil will be acceptable if the soil is silted and broken; or if the stem or root is loose in the bank, either before or during transplanting. Balled plants shall be lined and handled from the bottom of the bank, properly protected and delivered to the replanting site, in plant planted and watered thoroughly. Said balls shall be as recommended in ANSI Z60.1

TRANPLANTING - GENERAL

A. Transplanting shall consist of on-site transplanting of existing trees. Trees shall be transplanted only once from existing location to permanent positions as shown on Drawings.

B. Digging, Wrapping, and Handling: Plants shall be dug and prepared for moving in a manner which will cause damage to branches, trunks, root system, and development.

C. Root and Backfilled Plants: Banks shall be firmly wrapped with burlap or approved cloth substitute. No loose soil will be acceptable if the soil is silted and broken; or if the stem or root is loose in the bank, either before or during transplanting. Balled plants shall be lined and handled from the bottom of the bank, properly protected and delivered to the replanting site, in plant planted and watered thoroughly. Said balls shall be as recommended in ANSI Z60.1

TREES WITHIN DESIGNATED AREAS FOR RELOCATION

A. Trees within the designated areas for relocation shall be black gum with yellow plastic surveillance ribbons and coordinated with the LANDSCAPE ARCHITECT and CITY prior to root prunning and/digging.
PLANT SCHEDULE

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<td>RED HOT ZIPPER</td>
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<td>294</td>
<td>ISLAND VINE</td>
<td>ISLAND VINE</td>
<td>(X:Y)</td>
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<td>(X:Y)</td>
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<td>190</td>
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<td>RED HOT ZIPPER</td>
<td>(X:Y)</td>
<td>191</td>
<td>RED HOT ZIPPER</td>
<td>RED HOT ZIPPER</td>
<td>(X:Y)</td>
<td>192</td>
<td>RED HOT ZIPPER</td>
<td>RED HOT ZIPPER</td>
<td>(X:Y)</td>
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<td>193</td>
<td>RED HOT ZIPPER</td>
<td>RED HOT ZIPPER</td>
<td>(X:Y)</td>
<td>194</td>
<td>RED HOT ZIPPER</td>
<td>RED HOT ZIPPER</td>
<td>(X:Y)</td>
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<td>RED HOT ZIPPER</td>
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<td>RED HOT ZIPPER</td>
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<td>(X:Y)</td>
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<td>RED HOT ZIPPER</td>
<td>RED HOT ZIPPER</td>
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<tr>
<td>199</td>
<td>RED HOT ZIPPER</td>
<td>RED HOT ZIPPER</td>
<td>(X:Y)</td>
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<td>201</td>
<td>RED HOT ZIPPER</td>
<td>RED HOT ZIPPER</td>
<td>(X:Y)</td>
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NOTES:

- Unless noted on plan.

- Designated by CRAVEN THOMPSON AND ASSOCIATES, INC.

- Copyright 2018 by ACAI ASSOC., INC.
### Plant Schedule

<table>
<thead>
<tr>
<th>No.</th>
<th>Plant</th>
<th>Code</th>
<th>Description</th>
<th>Revision</th>
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<tbody>
<tr>
<td>1</td>
<td>60% SUBMITTAL</td>
<td>DRC</td>
<td>CM BID SET</td>
<td>07/06/20</td>
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<tr>
<td>2</td>
<td>DRC RE-SUBMITTAL</td>
<td>2ND RE-SUBMITTAL</td>
<td>PLANT SCHEDULE</td>
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<tr>
<td>3</td>
<td>TREES CODE</td>
<td>QTY</td>
<td>BOTANICAL NAME / COMMON NAME SPECIFICATIONS</td>
<td></td>
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<tr>
<td></td>
<td>BS 5</td>
<td>Bursera simaruba / Gumbo Limbo</td>
<td>15<code> MIN. FT. 6</code> SPRD. 3&quot; CAL.</td>
<td></td>
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<tr>
<td></td>
<td>BS-S</td>
<td>Bursera simaruba / Gumbo Limbo</td>
<td>SPECIMEN, 15` HT MIN, FULL CANOPY, INTERESTING BRANCHING</td>
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<tr>
<td></td>
<td>CD 10</td>
<td>Coccoloba diversifolia / Pigeon Plum</td>
<td>15<code> MIN. HT. 6</code> SPRD. 3&quot; CAL.</td>
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<tr>
<td></td>
<td>CO 4</td>
<td>Conocarpus erectus / Buttonwood</td>
<td>15<code> MIN. FT. 6</code> SPRD. 3&quot; CAL.</td>
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<tr>
<td></td>
<td>DR 3</td>
<td>Delonix regia / Royal Poinciana</td>
<td>15<code> MIN. FT. 6</code> SPRD. 3&quot; DBH.</td>
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<tr>
<td></td>
<td>IC 6</td>
<td>Illex Cassine / Dahoon Holly</td>
<td>15<code> MIN. HT. 6</code> SPRD. 3&quot; CAL.</td>
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<tr>
<td></td>
<td>LL 7</td>
<td>Lysiloma latisiliqua / Wild Tamarind</td>
<td>15<code> MIN. HT. 6</code> SPRD. 3&quot; CAL.</td>
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<tr>
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<td>QV 29</td>
<td>Quercus virginiana / Southern Live Oak</td>
<td>15<code> MIN. HT. 6</code> SPRD. 3&quot; CAL.</td>
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<tr>
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<td>TA 9</td>
<td>Tabebuia heterophylla / Pink Trumpet Tree</td>
<td>15<code> MIN. HT. 6</code> SPRD. 3&quot; CAL.</td>
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### Palm Trees Code

<table>
<thead>
<tr>
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<th>Palm</th>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>AMX 20</td>
<td>Adonidia merrillii / Christmas Palm</td>
<td>10` OA HT.</td>
<td></td>
</tr>
<tr>
<td>CNX 14</td>
<td>Cocos nucifera / Coconut Palm</td>
<td>16`-20 OA. HT. STAGGERED HTS. NO BOOTS ON TRUNK</td>
<td></td>
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<tr>
<td>PDX 2</td>
<td>Phoenix dactylifera <code>Medjool</code> / Date Palm</td>
<td>CLEAR TRUNK</td>
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</tr>
<tr>
<td>R-AC 7</td>
<td>Adonidia merrillii / Christmas Palm Relocation</td>
<td>1:1</td>
<td></td>
</tr>
<tr>
<td>R-QV 1</td>
<td>Quercus virginiana / Southern Live Oak Relocation</td>
<td>1:1</td>
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<tr>
<td>R-REX 7</td>
<td>Roystonea elata / Florida Royal Palm Relocation</td>
<td>1:1</td>
<td></td>
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<tr>
<td>R-SPX 5</td>
<td>Sabal palmetto / Cabbage Palmetto Relocation</td>
<td>1:1</td>
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</tbody>
</table>

### Landscape Area Code

<table>
<thead>
<tr>
<th>No.</th>
<th>Area</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>AI 8</td>
<td>Alcantarea imperialis / Imperial Bromeliad</td>
<td>1 GAL POT, 6` SPREAD 30&quot; o.c.</td>
<td></td>
</tr>
<tr>
<td>CRT 1</td>
<td>Chrysobalanus icaco 'Red Tip' / Red Tip Cocoplum</td>
<td>18&quot; HT X 18&quot; SPRD. 24&quot; o.c.</td>
<td></td>
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<tr>
<td>DGM 84</td>
<td>Duranta erecta <code>Gold Mound</code> / Gold Mound Duranta</td>
<td>12&quot; HT x 18&quot; SPRD 24&quot; o.c.</td>
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<tr>
<td>ERL 65</td>
<td>Ernodea littoralis / Golden Creeper</td>
<td>12&quot;HT x 18&quot; SPRD 24&quot; o.c.</td>
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<tr>
<td>FMG 536</td>
<td>Ficus microcarpa <code>Green Island</code> / Green Island Ficus</td>
<td>12&quot; HT.X 12&quot; SPRD. 18&quot; o.c.</td>
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<tr>
<td>HAP 130</td>
<td>Hamelia patens <code>Compacta</code> / Dwarf Scarlet Bush</td>
<td>18&quot; HT X 18&quot; SPRD. 24&quot; o.c.</td>
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<tr>
<td>HYL 337</td>
<td>Hymenocallis latifolia / Spider Lily</td>
<td>12&quot; HT. X 12&quot; SPRD 18&quot; o.c.</td>
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<tr>
<td>IVN 55</td>
<td>Ilex vomitoria <code>Nana</code> / Dwarf Yaupon</td>
<td>18&quot; HT X 18&quot; SPRD. 24&quot; o.c.</td>
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<tr>
<td>IDY 60</td>
<td>Ixora x <code>Dwarf Thai Yellow</code> / Dwarf Thai Yellow Ixora</td>
<td>18&quot; HT X 18&quot; SPRD. 24&quot; o.c.</td>
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<tr>
<td>JAV 75</td>
<td>Jasminum volubile / Wax Jasmine</td>
<td>12&quot; HT. X 12&quot; SPRD 16&quot; o.c.</td>
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<tr>
<td>MUC 727</td>
<td>Muhlenbergia capillaris / Pink Muhly</td>
<td>18&quot; HT x 18&quot; SPRD 24&quot; o.c.</td>
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<tr>
<td>NEA 328</td>
<td>Nephrolepis auriculata / Sword Fern</td>
<td>18&quot; HT X 18&quot; SPRD. 24&quot; o.c.</td>
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<td>PSN 69</td>
<td>Psychotria nervosa / Wild Coffee</td>
<td>24&quot; HT. X 24&quot; SPRD. 30&quot; o.c.</td>
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<td>TDN 55</td>
<td>Tripsacum dactyloides nana / Dwarf Fakahatchee Grass</td>
<td>18&quot; HT X 18&quot; SPRD. 24&quot; o.c.</td>
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<tr>
<td>TRF 1</td>
<td>Tripsacum floridana / Florida Gamagrass</td>
<td>18&quot; HT x 18&quot; SPRD 18&quot; o.c.</td>
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<tr>
<td>ZAP 164</td>
<td>Zamia pumila / Coontie</td>
<td>12&quot; HT. X 12&quot; SPRD. 18&quot; o.c.</td>
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### Ground Covers Code

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<thead>
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<th>Ground Cover</th>
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<th>Description</th>
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<tr>
<td>SOD 75,187</td>
<td>Stenotaphrum secundatum / St. Augustine Grass SOD</td>
<td>LPD-1</td>
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</tbody>
</table>

### Landscape Plant Notes

Always call 811 two full business days before you dig to have underground utilities located and marked.

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<table>
<thead>
<tr>
<th>No.</th>
<th>Material Name</th>
<th>Common Name</th>
<th>Category</th>
<th>Color</th>
<th>Diameter</th>
<th>Height (min, in.)</th>
<th>Foliage Height (max, in.)</th>
<th>Spacing (in. O.C.)</th>
<th>Dig Control</th>
<th>Disposition</th>
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</tbody>
</table>

### Acknowledgments

To the best of my knowledge and ability, these plans are complete and comply with applicable building codes.

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GENERAL NOTES:

1. A PRE-CONSTRUCTION MEETING WITH THE CITY OF HALLANDALE BEACH LANDSCAPE ARCHITECT AND LANDSCAPE CONTRACTOR WILL BE CONDUCTED NO LATER THAN 10 DAYS PRIOR TO THE COMMENCEMENT OF WORK. THE MEETING WILL BE HELD AT THE PROJECT SITE OR AT THE CITY OF HALLANDALE BEACH LANDSCAPE ARCHITECT’S OFFICE.

2. ALL REQUIREMENTS OF THIS SPECIFICATION ARE TO BE CONSIDERED AS MINIMUM REQUIREMENTS FOR THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE BUILDING CODE AND LOCAL CODES.

3. ALL EXISTING TREE MAPPINGS MUST BE AUDITED AND NOTIFIED TO THE CITY OF HALLANDALE BEACH LANDSCAPE ARCHITECT.

4. WEATHER CONDITIONS MAY REQUIRE THE POSTPONEMENT OF PLANTING WORK. THE CONTRACTOR SHALL NOTIFY THE CITY OF HALLANDALE BEACH LANDSCAPE ARCHITECT AND THE CITY OF OAKLAND PARK DEPARTMENT OF BUILDING STANDARDS IN ADVANCE OF ANY POSTPONEMENT.

5. THE CONTRACTOR SHALL NOTIFY THE CITY OF HALLANDALE BEACH LANDSCAPE ARCHITECT OF ANY CHANGES IN THE PLANTING SCHEDULE OR ANY ADDITIONAL WORK NOTED IN THE PLANTING SCHEDULE.

6. THE CONTRACTOR SHALL NOTIFY THE CITY OF HALLANDALE BEACH LANDSCAPE ARCHITECT OF ANY ADDITIONAL WORK NOTED IN THE PLANTING SCHEDULE.

LANDSCAPE NOTES:

1. ALL PLANT MATERIAL FURNISHED BY THE LANDSCAPE CONTRACTOR SHALL BE OF FLORIDA GRADE #1 OR BETTER, AND SHALL BE INSTALLED AS SPECIFIED IN "GRADES AND STANDARDS FOR NURSERY PLANTS," PUBLISHED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION, DIVISION OF NURSERY REGULATION.

2. EARTH BERM 6" HIGH OUTSIDE THE PROPOSED ROOT BALL PRIOR TO WATERING. APPLY A BAG REMOVED ENTIRELY BEFORE PLANTING.

3. HANDWATERING IS IN ADDITION TO THE UNDERGROUND IRRIGATION SYSTEM.

4. ALL LANDSCAPING AND PLANT MATERIALS SHALL BE COVERED BY A MINIMUM 3-INCH LAYER OF CLEAN FLORA MULCH.

5. ALL LANDSCAPING AND PLANT MATERIALS SHALL BE COVERED BY A MINIMUM 3-INCH LAYER OF CLEAN FLORA MULCH.

6. ALL PLANT MATERIALS MUST BE BAGGED AND DELIVERED TO THE SITE WITHIN THE FIRST TWO WEEKS, THREE TIMES A WEEK FOR THE NEXT EIGHT WEEKS, WITH A TOTAL OF A 90-DAY WATERING PERIOD. NO FURTHER WATERING WILL BE REQUIRED.

7. SEE IRRIGATION PLANS FOR ADDITIONAL INFORMATION.

SOIL PREPARATION, SOIL MIX, FERTILIZER, & MULCH NOTES:

1. ALL SOIL AMENDMENTS TO BE INCORPORATED INTO THE SOIL SHALL BE FLORIDA FRIENDLY PRINCIPLES BASED ON THE DESIGN OF THIS PROJECT.

2. ALL PLANT MATERIALS SHALL BE OF FLORIDA GRADE #1 OR BETTER, AND SHALL BE INSTALLED AS SPECIFIED IN "GRADES AND STANDARDS FOR NURSERY PLANTS," PUBLISHED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION, DIVISION OF NURSERY REGULATION.

3. ALL PLANT MATERIALS SHALL BE COVERED BY A MINIMUM 3-INCH LAYER OF CLEAN FLORA MULCH.

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5. ALL PLANT MATERIALS SHALL BE COVERED BY A MINIMUM 3-INCH LAYER OF CLEAN FLORA MULCH.

HAND WATING NOTES:

1. CLEARING OF VEGETATION WITHIN THE DRIP LINE OF THE TREES DESIGNATED TO BE PROTECTED PLACE. ANY PRESERVED TREES DISTURBED DURING CONSTRUCTION MUST BE RETURNED TO IT'S ORIGINAL GRADE AFTER CONSTRUCTION.

2. EARTH BERM MUST BE BUILT TO DETERMINE MINIMUM TEMPORARY GROUND WATER LEVEL PRIOR TO BULKING. A TEMPORARY GROUND WATER LEVEL IS MANDATORY AS PER THE CITY OF HALLANDALE BEACH LANDSCAPE ARCHITECT.

3. HAND WATING IS IN ADDITION TO THE UNDERGROUND IRRIGATION SYSTEM.

IRRIGATION NOTES:

1. GROUND LEVEL TANKS SHALL BE USED WHEREVER POSSIBLE TO DETERMINE MINIMUM TEMPORARY GROUND WATER LEVEL PRIOR TO BULKING. A TEMPORARY GROUND WATER LEVEL IS MANDATORY AS PER THE CITY OF HALLANDALE BEACH LANDSCAPE ARCHITECT.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF A PERMANENT IRRIGATION SYSTEM AS DESIGNED BY THE LANDSCAPE ARCHITECT.

3. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF A PERMANENT IRRIGATION SYSTEM AS DESIGNED BY THE LANDSCAPE ARCHITECT.

4. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF A PERMANENT IRRIGATION SYSTEM AS DESIGNED BY THE LANDSCAPE ARCHITECT.

5. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF A PERMANENT IRRIGATION SYSTEM AS DESIGNED BY THE LANDSCAPE ARCHITECT.
1. Contractor shall assure percolation of all planting pits prior to installation.

2. Final tree staking details and placement to be approved by owner.

2-3/4" steel bands do not nail with burlap

5-2" x 4" x 16" secure wood to protect tree trunk

3" min. mulch - see specifications

Four-2" x 4" x 8' stakes in shrub beds, use secured with a 2" x 4" x 24" triangular spacing

1 large tree

2 small tree

5 shrub planting

3 multi trunk tree planting

4 palm (typical)

8 fire hydrant clear zone

30" min. for edge of pavement

30" min. for mowed lawn will be flush with pavement.

30" min. for sod only

3" min. mulch as specified

3" mulch as specified

Examine in small for all areas

Prepared planting soil as specified

Time area

Prepare planting soil as specified. When excavation 30" min.

3" min. mulch

3" min. mulch

3" min. mulch

3" min. mulch

Sod shall be as per the plans with min. 2" of topsoil - see specs.

Sod only

Sod only

Sod only

Sod only

Metal root barrier adjacent to metal root barrier adjacent to metal root barrier adjacent to metal root barrier adjacent to metal root barrier

Metal root barrier adjacent to metal root barrier adjacent to metal root barrier adjacent to metal root barrier adjacent to metal root barrier

Metal root barrier adjacent to metal root barrier adjacent to metal root barrier adjacent to metal root barrier adjacent to metal root barrier

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