Attachment “A”

Architectural and Engineering Plans
**SCOPE OF WORK**

The following drawings illustrate the proposed scope of work for a public park renovation located in the following municipality: City of North Miami.

- Site work including demolition of existing paving and planting, new paving, new irrigation systems, new plantings, new lighting fixtures, new controllers for site and adjacent parks, coordination with parks department for reuse of existing E. Star Waring possible.
- Renovation of existing historic fountain including general restoration, cleaning, pointing and paint.
- Renovation of existing historic fountain including new plumbing and discharge ring, new electrical, new equipment and mini vault.
- Sidewalk and crosswalk renovations.
- Site and informational signage.

**LOCATION PLAN**

North Miami Senior High School

Iron's Manor Fountain

NE 132nd Street

West Dania Blvd.

IRON'S MANOR PARK

RENOVATIONS

NORTH MIAMI, FL

1251 SW 20TH STREET, MIAMI, FL 33145

T: 305 310 2610

MARSH C. KRIPLEN, RLA, LIC. NO. FL-6667007

**PROJECT TEAM**

**CLIENT**
- City of North Miami Community Planning
  - 12400 NE 8th Avenue
  - North Miami, FL 33161
  - 305.893.6511
  - Mr. Kent Walia

**LANDSCAPE ARCHITECT**
- Marcy Work
  - 565-1/2 NW 2nd Street
  - Miami, FL 33136
  - 305.512.1214
  - Mr. Al Gia Kiprilen

**CIVIL ENGINEER**
- Corrigan Group
  - 565-1/2 NW 2nd Street
  - Miami, FL 33136
  - 305.412.8735
  - Mr. Mike Cisar

**IRRIGATION**
- PSW
  - POB 47031
  - Celebration, FL 34747
  - 407.945.2975
  - Mr. Mark Previdi

**CIVIL DRAWINGS**
1. Pedestrian sidewalks, general notes
2. Tabulation of quantities
3. Grading and pavement markings
4. Signage and pavement markings
5. Traffic control, general notes

**LANDSCAPE DRAWINGS**

<table>
<thead>
<tr>
<th>SHEET INDEX</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>D201</td>
<td>PLANTING NOTES, LEGEND AND SCHEDULE</td>
</tr>
<tr>
<td>D200</td>
<td>PLANTING PLANS</td>
</tr>
<tr>
<td>D200</td>
<td>PLANTING DETAILS</td>
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<tr>
<td>D250</td>
<td>WATER FEATURE RENOVATION PLANS</td>
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<tr>
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<td>WATER FEATURE RENOVATION DETAILS</td>
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**CIVIL DRAWINGS**

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<tr>
<td>F100</td>
<td>PAVEMENT MARKINGS, GENERAL NOTES</td>
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<tr>
<td>F100</td>
<td>TABULATION OF QUANTITIES</td>
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<tr>
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<td>SIGNING AND PAVEMENT MARKINGS</td>
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<td>GENERAL NOTES</td>
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**PROJECT COVER**

Iron's Manor Park

Reno 2017-2018

City of North Miami

Community Planning

12400 NE 8th Avenue

North Miami, FL 33161

305.893.6511

Mr. Kent Walia
**TREE DISPOSITION NOTES AND SCHEDULE**

**IRONS MANOR PARK**

**RENOVATIONS**

**NORTH MIAMI, FL**

1251 SW 20TH STREET  MIAMI FL 33145

T: 305 310 2602

**MARSH C. KRIPLEN, RLA  LIC. NO FL-6667007**

**TREE/TAUL RELACEMENT STANDARDS**

*All tree/taul replacement standards apply to the provisions of this article and shall be consistent with the following minimal standards.*

**Tree Replacement Standards**

1. Replacement trees shall be provided in such a manner as to provide a Root Ball and a minimum of four (4) feet in diameter of the tree shall be transported to the replacement site and planted in accordance with the conditions stated in the tree replacement plan.

2. All replacement trees shall be placed in a manner that will provide a minimum of four (4) feet in diameter of the tree shall be transported to the replacement site and planted in accordance with the conditions stated in the tree replacement plan.

3. All replacement trees shall be placed in a manner that will provide a minimum of four (4) feet in diameter of the tree shall be transported to the replacement site and planted in accordance with the conditions stated in the tree replacement plan.

4. All replacement trees shall be placed in a manner that will provide a minimum of four (4) feet in diameter of the tree shall be transported to the replacement site and planted in accordance with the conditions stated in the tree replacement plan.

5. All replacement trees shall be placed in a manner that will provide a minimum of four (4) feet in diameter of the tree shall be transported to the replacement site and planted in accordance with the conditions stated in the tree replacement plan.

**TREE/TAUL REPLACEMENT SCHEDULE**

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<th>Diameter (Inches)</th>
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<th>Notes</th>
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- Site: IRONS MANOR PARK
- Address: 1251 SW 20TH STREET, MIAMI FL 33145
- Phone: 305 310 2602
- Contractor: MARSH C. KRIPLEN, RLA  LIC. NO FL-6667007
EXISTING TREE IMAGES

EXISTING TREES & PALMS TO BE REMOVED

EXISTING TREES & PALMS TO BE RELOCATED

PROPOSED BUILDING/HARDSCAPE

TREE DISPOSITION LEGEND

EXISTING TREE IMAGES

SCALE: 1/8" = 1'-0"

TREE DISPOSITION PLAN

SCALE: NA

TREE  #1,  #2

TREE  #3,  #4

TREE  #5,  #6
1. Protection fence shall be galvanized 60 gauge black standard 2"x2" mesh.
2. Provide hinged gate.
3. Tree protection fence shall be installed prior to any site work, clearing, or demolition and maintained for the duration of construction. Remove only after receiving written permission from the Urban Forester.
4. Posts may be shifted to avoid roots.
5. No construction activities, storage, debris, or equipment cleaning is allowed within the protected area.

**NOTES**

- Storage of fill, construction materials, debris or chemicals prohibited.
- Barriers may not be removed or altered without written approval from the City (Urban Forester).

**PLAN**

- No entry
- Tree protection area
- Storage of fill, construction materials, debris or chemicals prohibited.
- Barriers may not be removed or altered without written approval from the City (Urban Forester).

**ELEVATION**

- No entry
- Tree protection area
- Storage of fill, construction materials, debris or chemicals prohibited.
- Barriers may not be removed or altered without written approval from the City (Urban Forester).
PLANTING NOTES

1. PLANT MATERIAL IS TO BE HEALTHY, SPECIMENS FREE FROM DISEASE OR DAMAGE, AND TO BE MAINTAINED IN EXCELLENT CONDITION WHILE ON THE SITE. LANDSCAPE ARCHITECT SHALL INSPECT PLANT MATERIAL UPON ARRIVAL TO SITE, AND WILL BE ECT ALL PLANT MATERIAL THAT DOES NOT MEET THE STANDARDS DESCRIBED WITHIN THE CONTRACT DOCUMENTS.

2. LANDSCAPE ARCHITECT WILL PERIODICALLY INSPECT PLANT MATERIAL. STOCKPLANTED OR PLANTED ON SITE DURING THE COURSE OF CONSTRUCTION. PLANT MATERIAL NOT MEETING THE STANDARDS CONTAINED WITHIN CONTRACT DOCUMENTS SHALL BE REPLACED AT NO COST TO THE OWNER.

3. PROVIDE WATCHING DIES AND FORMS FOR EACH PLANT OF THE SAME SPECIES UNLESS OTHERWISE INDICATED.

4. CONTRACTOR TO VERIFY ALL UTILITIES, IN CASE OF DISPARITIES, GRAPHICAL-SHOWING UTILITIES SHALL TAKE PRECEDENCE.

5. ALL MATERIALS USED SHALL CONFORM TO THE GUIDELINES EMBRACE BY THE CURRINT AMERICAN STANDARDS FOR NUMBERS: STOCK, PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSE-WMEN.

6. ALL PLANT MATERIAL SHALL BE INSTALLED PLUMB AND PER THE SPECIFICATIONS CONTAINED WITHIN THE CONTRACT DOCUMENTS. AN NECESSARY STAKING AND/OR OTHER SUPPORTS MATERIALS/THEM SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

7. THE CONTRACTOR SHALL PRUNE EXISTING AND NEW TREES DURING PER LANDSCAPE ARCHITECT DIRECTION.

8. THE CONTRACTOR SHALL MAINTAIN THE LOCATIONS OF ALL TREES AND B&B SHRUBS FOR LANDSCAPE ARCHITECT REVIEW AND APPROVAL PRIOR TO INSTALLATION.

9. ALL ROOT-WRAPping MATERIALS THAT ARE NOT BIO-DEGRADABLE SHALL BE REMOVED FROM THE ROOT BALL. ROOT BALLS SHALL BE FREE OF WEEDS.

10. SPECIFIED PLANT MATERIAL 5:5:5 SHALL BE CONSIDERED MINIMUM 5:5:5.

11. FINISH GRADE OF PLANTING BEDS SHALL BE ONE (1) INCH BELOW ADJACENT FLATWORK, UNLESS SPECIFIED OTHERWISE.

12. MULCH OR PLANTING BED COVERING SHALL BE PLACED IN ALL PLANTING AREAS AS SPECIFIED. MULCH OR PLANTING BED COVERING SHALL NOT BE PLACED WITHIN SIX (6) INCHES OF TREE TRUNK OR ALL NATIVE PLANTING AREAS. MULCH SHOULD BE REAPPLIED Annually; DURING THE AUTUMN TO A THREE (3) INCH DEPTH.

13. ALL PLANT MATERIAL SHOULD RECEIVE AN ORGANIC FERTILIZER IN LIMITED APPLICATION FOLLOWING INSTALLATION. TYPE, FORM AND APPLICATION RATE AND METHOD OF APPLICATION TO BE SPECIFIED BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT.

14. EXCESS FERTILIZER SHALL BE DISPOSED OF PROPERLY.-OFF-SITE. IT SHALL NOT BE DISPOSED OF IN STORM DRAINS AND/OR SEWERS.

15. STOCKPLANTED PLANT MATERIAL TO BE PLACED IN THE SHAPE AND PROFILE HANx-WATERED UNITS, PLANTED.

16. CONTRACTOR TO SUPPLY REPRESENTATIVE SAMPLES OF ALL PLANT MATERIAL. ILLUSTRATION FOR CANOPY AND PALM TAGGING MAY BE USED AT THE DISCRETION OF THE LANDSCAPE ARCHITECT.

17. PRESERVE & PROTECT ALL EXISTING VEGETATION AS INDICATED TO REMAIN AT ALL TIMES.

18. SIX (6) INCH PLANT MIX SHALL BE PROVIDED FOR ALL LAND, TURF, AND NATIVE PLANTING. 18 INCH PLANT MIX SHALL BE PROVIDED FOR ALL PERENNIAL PLANTING BEDS UNLESS OTHERWISE NOTED.

19. LANDSCAPE CONTRACTOR TO PLANT ALL TREE & PALM SUPPORTS WITH BEN JAMIN MOORE ARBORCOAT- SEMI SOLID FLAT 52. COLOR: ASHLAND SLATE #1608.

20. MAINTENANCE PROTOCOL DURING THE GUARANTEE PERIOD TO FOLLOW GUIDELINES AS LISTED IN MUNICIPAL COUNCIL. SPECIES, PLANT MATERIALS AND PERIODICALLY INSPECT PLANT MATERIALS FOR DISEASE OR DAMAGE, AND TO BE MAINTAINED IN EXCELLENT CONDITION WHILE ON THE SITE. LANDSCAPE ARCHITECT SHALL INSPECT PLANT MATERIAL UPON ARRIVAL TO SITE, AND WILL BE ECT ALL PLANT MATERIAL THAT DOES NOT MEET THE STANDARDS DESCRIBED WITHIN THE CONTRACT DOCUMENTS.

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57. LANDSCAPE CONTRACTOR TO PLANT ALL TREE & PALM SUPPORTS WITH BEN JAMIN MOORE ARBORCOAT- SEMI SOLID FLAT 52. COLOR: ASHLAND SLATE #1608.
PLANTING LEGEND

PLANTING PLAN

SCALE: 1/8" = 1'-0"

N.E. 9th AVE.

N.E. 132nd STREET

MFR

MARSH C. KRIPLEN, RLA  LIC. NO FL-6667007

IRONS MANOR PARK
RENOVATIONS
NORTH MIAMI, FL

1251 SW 20TH STREET  MIAMI FL 33145

T: 305 310 2602

PLANTING PLAN

L-401
1. PROTECT EXISTING STONE DURING ALL WORK.
2. EXISTING STONE TO BE REPOINTED.
3. PLANTS TO BE REMOVED AND MORTAR REPAIRED.
4. BASIN CONCRETE TO BE STRIPPED, REPAIRED, WATERPROOFED AND REPAINTED.
5. EXISTING WATER FEATURE EQUIPMENT TO BE REMOVED.
6. EXISTING SPRAY RING TO BE REPLACED.
7. EXISTING LIGHT FIXTURES TO BE REMOVED.

DETAILS:

04/13/2018

IRONS MANOR PARK
RENOVATIONS
NORTH MIAMI, FL
1251 SW 20TH STREET MIAMI FL 33145
T: 305 310 2602
MARSH C. KRIPLEN, RLA LIC. NO FL-6667007
SIGNING AND PAVEMENT MARKING NOTES:

1. All signing and pavement markings installed as part of these plans shall conform to the 2009 Edition of the Federal Highway Administration (FHWA) Manual of Uniform Traffic Control Devices for Streets and Highways, Florida Department of Transportation Design Standards (FDOT). All sign panels shall be fabricated to comply with the most recent Edition of the Federal Highway and Administration Standard Highway Signs.

2. Watch existing pavement markings at the beginning and at the end of the project and at all side streets without jogs and offsets.

3. Incorrectly placed paint markings over new asphalt pavement will be removed by milling and replacing the new asphalt pavement a minimum width of 1.5 feet at the contractor’s expense. The engineer may approve an alternative method if it can be demonstrated to completely remove the markings without damaging the asphalt.

4. All striping shall be thermoplastic.

5. All existing signs within the project limits are to be removed. Unless otherwise noted in the plans.

6. Contractor to provide signing and pavement markings as built to Miami-Dade County Public Works Traffic and Signal Division

LOCATION OF PAVEMENT ARROW, STOP BAR AND CROSS WALKS AT NON-SIGNALIZED INTERSECTIONS.
# SIGNING AND MARKINGS

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<th>PAY ITEM NO.</th>
<th>DESCRIPTION</th>
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**CITY OF NORTH MIAMI**  
**CAPITAL IMPROVEMENTS PROGRAM**  
**PROJECT NAME**: IRON MANOR FOUNTAIN  
**PROJECT NO.**: XXXX  

**CORRADOINO**  
4056 N.W. 97th Avenue, Doral, Florida 33178  
Ph: (305) 594-2736  Fax: (305) 594-2736  
Certificate Of Authorization No. 00007665  
E.O.R. Carlos E. Verson, P.E.  
Ph: 594-0735  Fax: 594-0755  
4055 N.W. 97th Avenue, Doral, Florida, 33178

**TABULATION OF QUANTITIES**
GENERAL:


2. NOTIFICATION OF LAKE CLOSURES OR TEMPORARY DETOURS SHALL BE ACCOMPLISHED 4 WORKING DAYS PRIOR TO CLOSURE DETOUR OR NON-PHASE CHANGES SHALL BE SUBMITTED TO THE REQUIRED LAKE CLOSURE FORMS, SKETCHES, CALCULATIONS, AND OTHER DATA TO THE ENGINEER.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, INSTALLING, AND MAINTAINING ALL TRAFFIC CONTROLS AND SAFETY DEVICES IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS INDEX 600'S AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL SUBMIT A DETAILED TRAFFIC CONTROL PLAN (TCP) TO THE ENGINEER FOR HIS REVIEW PRIOR TO IMPLEMENTATION. COST TO BE INCLUDED IN MAINTENANCE OF TRAFFIC PAY ITEM.

4. THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL POCKETS THAT DEVELOP WITHIN THE PROJECT LIMITS AND WILL MAINTAIN A SUPPLY OF COLD MIX ON THE PROJECT SITE TO EXPEDITE THOSE REPAIRS. COST OF REPAIR TO BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

5. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.

6. AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

7. CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. COST OF TEMPORARY REMOVING, RELOCATING, COVERING AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

8. EACH EXISTING STREET NAME AND STOP SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AND MAINTAINED IN AN APPROPRIATE LOCATION FOR THE INSTRUCTION OF THE PROJECT. WHEN NO LONGER AFFECTED BY CONSTRUCTION, THESE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION. COST OF TEMPORARILY RELOCATING AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORM WATER FROM ROOFRAPS USED FOR MAINTAINING TRAFFIC. IN A MANNER APPROVED BY THE ENGINEER. COST FOR REMOVING THE WATER SHALL BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

10. SIGNS SHALL BE PLACED ONLY AS APPLICABLE FOR EACH INTERSECTION.

11. ALL WORK SHALL BE PERFORMED DURING DAYTIME ONLY (8:00 AM TO 6:00 PM). 

12. CONTRACTOR SHALL OBTAIN ALL APPROPRIATE PERMITS.

DROP OFFS:

13. THE CONTRACTOR SHALL PROTECT THE WORK ZONE WITH DEVICES APPROVED BY THE CITY OF NORTH MIAMI CONSTRUCTION MANAGER. WHEN DROP OFFS EXCEED 3' ADJACENT TO TRAVEL WAYS.

14. FOR DROP OFFS, THE CONTRACTOR'S ATTENTION IS DIRECTED TO STANDARD INDEX NO. 600, SHEET 9 OF 12. THE CONTRACTOR SHALL USE SHOULDER TREATMENT DETAIL WHEN NO BARRIERS ARE REQUIRED IN THE PLANS.

Pavement Markings:

15. COST OF REMOVAL OF WORK ZONE PAVEMENT MARKINGS INCLUDING PAINT, REMOVABLE TAPE AND MARKERS, REGARDLESS OF METHOD, TO BE INCLUDED IN PAY ITEM 102-1, MAINTENANCE OF TRAFFIC. COSTS TO BE INCLUDED UNDER PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

16. ALL TEMPORARY SIGNS AND MARKINGS SHALL BE PAINT ONLY, UNLESS OTHERWISE SPECIFIED ON THE PLANS OR APPROVED BY THE ENGINEER. COSTS TO BE INCLUDED UNDER PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.

PEDESTRIANS, BICYCLES, AND WHEELCHAIRS:

17. AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF GREATER THAN 6 IN ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PAVEMENTS SHALL BE BARRIERS FLOWED WITH THE SAID PATHS OR PROTECTED WITH TEMPORARY FENCE, CONCRETE BARRIER WALL OR APPROVED SAFETY DEVICES IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION AND TRAFFIC DESIGN STANDARDS INDEX SERIES 600.

18. THE LENGTH OF AN OPEN TRENCH SHALL NOT EXCEED 500 FT. PROPERTY ACCESS SHALL BE MAINTAINED IN ACCORDANCE TO SUBARTICLE 5-5.5 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

TRAFFIC CONTROL PLAN:

1. CONTRACTOR SHALL DETOUR TRAFFIC AND MAINTAIN ACCESS TO LOCAL RESIDENCES AT ALL TIMES.

2. ALL MAINTENANCE OF TRAFFIC (INCLUDING SIGNS, BARRICADES AND TEMPORARY PAVEMENT MARKINGS) MUST BE IN STRICT ACCORDANCE WITH M.U.T.C.D. PART VI AND FLORIDA DEPARTMENT OF TRANSPORTATION AND TRAFFIC DESIGN STANDARD INDEX SERIES 600.

3. ALL MAINTENANCE OF TRAFFIC SHALL BE PAID UNDER PAY ITEM 102-1, MAINTENANCE OF TRAFFIC.
IRON MANOR FOUNTAIN
TO ROAD CLOSED THRU TRAFFIC
DETOUR PRESENT WHEN WORKERS DOUBLED SPEEDING FINES
DETOUR 100' 100' 200'

PHASE I

LEGEND

- CONST. AREA