

**CONTRACT FOR**  
**WEST LAKES DRAINAGE AND ROADWAY**  
**IMPROVEMENTS PROJECT**

**2020-11**



**The Town of Miami Lakes Council:**

**Mayor Manny Cid**  
**Vice Mayor Nelson Rodriguez**  
**Councilmember Carlos Alvarez**  
**Councilmember Luis Collazo**  
**Councilmember Joshua Dieguez**  
**Councilmember Jeffrey Rodriguez**  
**Councilmember Marilyn Ruano**

Edward Pidermann, Town Manager  
The Town of Miami Lakes  
6601 Main Street  
Miami Lakes, Florida 33014

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**THIS AGREEMENT** is entered into as of the execution date first written below ("Agreement") by and between the Town of Miami Lakes, Florida, hereinafter called the "Town," and \_\_\_\_\_, hereinafter called the "Contractor," having a principal office at \_\_\_\_\_.

## **RECITALS**

**WHEREAS** the Town of Miami Lakes issued RFP 2020-11 for West Lakes Drainage and Roadway Improvements Project on December 20, 2019; and

**WHEREAS**, Contractor submitted its Proposal in response to the RFP by the proposal deadline; and

**WHEREAS**, the Contractor's Proposal was selected as the highest-ranked proposal by an Evaluation Committee charged with reviewing and ranking all responsive proposals received in response to the RFP; and

**WHEREAS**, the Town has requested the Contractor to provide security guard services ("Services"); and

**WHEREAS**, the Contractor has the necessary expertise to provide the requested Services and has agreed to provide said Services.

**WITNESSETH**, that the Town and the Contractor, for the considerations herein set forth, agree as follows:

## **SECTION 1. GENERAL TERMS & CONDITIONS**

### **1.01 DEFINITIONS**

1. **Award** means that the Town Manager or Town Council, as applicable, has approved the award of a contract.
2. **Bid/Proposal/Submittal** means any offer, documents the Submittal tendered by a Bidder in response to this solicitation, which includes the price, authorized signature and all other information or documentation required by the Invitation to Bid ("ITB") at the time of submittal.
3. **Bid Form** means the form that contains the goods or services to be purchased and that must be completed and submitted with the Bid.
4. **Bidder** means any person, firm or corporation, or its duly authorized representative tendering a Submittal in response to this solicitation.
5. **Change Order** means a written document ordering a change in the Contract price or Contract time or a material change in the Work.
6. **Completed Projects** means that the applicable regulatory authority has issued a Certificate of Completion.
7. **Completion Time** means the number of calendar days specified for Final Completion of the Project.

8. **Cone of Silence** means the time period and method of communications as required by Section 2-11.1 of the Miami-Dade County Code, which state that the Cone of Silence shall be in effect from the date the ITB is issued until the Town Manager issues a written recommendation.
9. **Construction Change Directive** means a written directive to effect changes to the Work issued by the Consultant or the Project Manager that may affect the Contract price or time.
10. **Construction Schedule** means a schedule, as defined and required by the Contract Documents.
11. **Construction Work** means the construction, rehabilitation, alteration, conversion, extension, demolition or repair of buildings, highways, or other changes or improvements to real property, including facilities providing utility services. This term also includes the supervision, inspection, and other onsite functions incidental to the actual construction.
12. **Consultant** means a firm that has entered into a separate agreement with the Town for the provision of professional services.
13. **Contract** means the ITB, the addendum, and the Bid documents that have been executed by the Bidder and the Town subsequent to approval of award by the Town.
14. **Contract Documents** means the Contract as may be amended from time to time, and plans, specifications, addendum, clarifications, directives, Change Orders, payments and other such documents issued under or relating to the Contract.
15. **Contractor** means the Successful Bidder who is issued a Purchase Order, Contract, Blanket Purchase Order agreement, or Term Contract to provide goods or services to the Town and who will be responsible for the acceptable performance of any Work and for the payment of all legal debts pertaining to the Work under the Contract.
16. **Cure** means the action taken by the Contractor promptly, after receipt of written notice from the Town of a breach of the Contract Documents, which must be performed at no cost to the Town, to repair, replace, correct, or remedy all material, equipment, or other elements of the Work or the Contract Documents affected by such breach, or to otherwise make good and eliminate such breach.
17. **Cure Period** means the period of time in which the Contractor is required to remedy deficiencies in the Work or compliance with the Contract Documents after receipt of a written Notice to Cure from the Town identifying the deficiencies and the time to Cure.
18. **Days** mean calendar days unless otherwise specifically stated in the Contract Documents.
19. **Defective Work** means (a) Work that is unsatisfactory, deficient, or damaged, does not conform to the Contract Documents, or does not meet the requirements of any inspection, test or approval, or (b) Work associated with punch list items that the Contractor fails to complete within a reasonable time after issuance of the punch list by the Project Manager.
20. **Design Documents, Plans or Sketch** means any construction plans and specifications, or graphic representation included as part of the Contract.
21. **Federally Assisted Construction Contract** means any agreement or modification thereof between any applicant and a person for construction work which is paid for in whole or in part with funds obtained from the Government or borrowed on the credit of the Government pursuant to any Federal program involving a grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan, insurance, of guarantee, or

any application or modification thereof approved by the Government for a grant, contract, loan, insurance, or guarantee under which the applicant itself participates in the construction work.

22. **Field Directive** means a written directive to effect changes to the Work, issued by the Project Manager, Consultant or the Town Department Director that may affect the ITB Contract price or time.
23. **Final Completion** means the date the Contractor has completed all the Work and submitted all documentation required by the Contract Documents.
24. **Inspector** means an authorized representative of the Town assigned to make necessary inspections of materials furnished by Design-Build Firm and of the Work performed by the Contractor. The Town, at its sole discretion may hire a professional consultant to perform the inspections.
25. **Materials** mean goods or equipment incorporated into the Work or used or consumed in the performance of the Work.
26. **Notice of Award** means any correspondence from the Town that informs the successful bidder of a contract award for this ITB.
27. **Notice to Proceed** means a written letter or directive issued by the Town Manager or designee acknowledging that all conditions precedent to award have been met and directing that the Contractor may begin Work.
28. **Project** means a task or series of tasks that the Contractor must complete in accordance with the Contract Documents.
29. **Project Manager** means the individual assigned by the Town Manager or designee to manage a Project.
30. **Request for Information (RFI)** means a request from the Contractor seeking an interpretation or clarification relative to the Contract Documents. The RFI, which must be clearly marked RFI, must clearly and concisely set forth the issue(s) or item(s) requiring clarification or interpretation and why the response is required. The RFI must set forth the Contractor's interpretation or understanding of the document(s) in question, along with the reason for such understanding.
31. **Subcontractor** means a person, firm or corporation having a direct contract with Contractor, including one who furnishes material, equipment or services necessary to perform the Work.
32. **Submittal** means the documents prepared and submitted by the Bidder in response to this ITB.
33. **Substantial Completion** means that point at which the Project is at a level of completion in substantial compliance with the Contract Documents and is fit for use in its intended purpose. Substantial Compliance will not be deemed to have occurred until any and all governmental entities, with regulatory authority or which have jurisdiction over the Work, have conducted all final inspections, and approved the Work. Beneficial use or occupancy will not be the sole factor in determining whether Substantial Completion has been achieved, unless a temporary certificate of completion has been issued.
34. **Town** means the Town Council of the Town of Miami Lakes or the Town Manager, as applicable.
35. **Town Manager** means the duly appointed chief administrative officer of the Town of Miami Lakes or designee.

36. **Work** as used herein refers to all reasonably necessary and inferable labor, material, equipment, and services, whether or not specifically stated, to be provided by the Contractor to fulfill its obligations under the Contract Documents.

## **1.02 GENERAL REQUIREMENTS**

### **1.02-1 GENERALLY**

The employee(s) of the Contractor will be considered to be at all times its employee(s), and not employee(s) or agent(s) of the Town or any of its departments.

The Contractor agrees that the Contractor will at all times employ, maintain and assign to the performance of the Contract a sufficient number of competent and qualified professionals and other personnel to meet the requirements of the Work to be performed.

The Contractor agrees to adjust staffing levels or to replace any staff personnel if so, requested by the Town Manager or designee, should the Town Manager or designee make a determination that said staffing is unacceptable or that any individual is not performing in a manner consistent with the requirements for such a position.

The Contractor represents that its staff personnel have the proper skills, training, background, knowledge, experience, rights, authorizations, integrity, character and licenses necessary to perform the Work, in a competent and professional manner.

The Contractor must at all times cooperate with the Town, or the Consultant (if any) and coordinate its respective Work efforts to most effectively and efficiently progress the performance of the Work.

The Town, the Consultant (if any) and other agencies authorized by the Town, must have full access to the Project site at all times.

The apparent silence of the Contract Documents as to any detail, or the apparent omission from them of a detailed description concerning any Work to be done and materials to be furnished, will be regarded as meaning that only best practices are to prevail and only materials and workmanship of the best quality are to be used in the performance of the Work.

### **1.02-2 RULES AND REGULATIONS**

The Contractor must comply with all laws and regulations applicable to provision of services specified in the Contract Documents. The Contractor must be familiar with all federal, state and local laws, rules, regulations, codes, and ordinances that affect the Work.

Where portions of the Work traverse or cross federal, state, county or local highways, roads, streets, or waterways, and the agency in control of such property has established standard specifications, rules or regulations governing items of Work that differ from these specifications, the most stringent specifications, rules and regulations will apply.

### **1.02-3 HOURS FOR PERFORMING WORK**

All Work must be performed in accordance with the Town's Noise Ordinance No. 04-50 unless specifically stated otherwise herein or in a Work Order. Work to be performed outside these hours will require the prior written approval of the Project Manager.

### **1.02-4 SUBCONTRACTORS**

Contractor is solely responsible for all acts and omissions of its Subcontractors. Nothing in the Contract Documents creates any contractual relationship between any Subcontractor and the

Town. Contractor is responsible for the timely payment of its Subcontractors and suppliers as required by Florida Statute Chapter 218.735. Failure to comply with these payment requirements will place the Contractor in default of the Contract.

Contractor must not employ any subcontractor against whom Town may have a reasonable objection.

Contractor must utilize the Subcontractors identified in its Bid submission. The replacement, addition, or deletion of any Subcontractor(s) will be subject to the prior written approval of the Project Manager.

Bidders that will be using a temporary labor company to provide staffing for the Project must complete the Leased Employees Affidavit Form and include it with their Bid. Failure include this form may result in the Bid being rejected as non-responsive.

#### 1.02-5 CONSULTANT SERVICES

The Town, at its sole discretion, may hire a Consultant who may serve as the Town's representative for the Contract. Where a Consultant has been identified, the Consultant and the Project Manager will both have authority to act on behalf of the Town to the extent provided for in the Contract Documents, and where such authority has been delegated in writing by the Town Manager.

#### 1.02-6 AUTHORITY OF THE PROJECT MANAGER

The Town Manager hereby authorizes the Project Manager to determine, all questions of any nature whatsoever arising out of, under or in connection with, or in any way relating to or on account of the Work, and questions as to the interpretation of the Work to be performed under the Contract Documents. The Project Manager may delegate some of the authority contained in this Article to a designee.

The Contractor is bound by all determinations or orders of the Project Manager and must promptly respond to requests of the Project Manager, including the withdrawal or modification of any previous order, and regardless of whether the Contractor agrees with the Project Manager's determination or requests. Where requests are made orally, the Project Manager will follow up in writing, as soon thereafter as is practicable.

The Project Manager and/or designee shall have authority to act on behalf of the Town to the extent provided for by the Contract Documents, unless otherwise modified in writing by the Town. All instructions to the Contractor will be issued in writing through the Town Manager, Project Manager or designee.

The Project Manager will not be responsible for the means, methods, techniques, sequences or procedures employed, or for safety precautions and programs in connection with the Work and will not be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents.

All interpretations and recommendations of the Project Manager and Consultant will be consistent with the intent of the Contract Documents.

Interpretation of the Contract terms and conditions will be issued by the Town's Procurement Manager.

The Project Manager and/or designee will have authority to reject Work that does not conform to the Contract Documents. Whenever, in their opinion, it is considered necessary or advisable to

ensure the proper completion of the Work the Project Manager or Consultant have authority to require special inspections or testing of the Work, whether or not such Work is fabricated, installed or completed.

The Project Manager's authority to act under this paragraph, or any decision made in good faith either to exercise or not to exercise such authority, shall not give rise to any duty or responsibility of the Project Manager owed to the Contractor, any subcontractor, supplier or any of their agents, employees, or any other person performing any of the Work.

The Project Manager is not responsible for the acts or omissions of the Contractor, any Subcontractor, or any of their agents or employees, or any other persons performing any of the Work.

#### 1.02-7 INDEPENDENT CONTRACTOR

The Contractor is engaged as an independent business and agrees to perform Work as an independent contractor. In accordance with the status of an independent contractor, the Contractor covenants and agrees that the Contractor will conduct business in a manner consistent with that status, that the Contractor will not claim to be an officer or employee of the Town for any right or privilege applicable to an officer or employee of the Town, including, but not limited to: worker's compensation coverage; unemployment insurance benefits; social security coverage; retirement membership, or credit.

#### 1.02-8 THIRD-PARTY BENEFICIARIES

Neither Contractor nor Town intends to directly or substantially benefit a third party by this Contract. Therefore, the parties agree that there are no third-party beneficiaries to this Contract and that no third party will be entitled to assert a claim against either of them based upon this Contract.

#### 1.02-9 ASSIGNMENT OR SALE OF CONTRACT

The performance of this Contract will not be transferred pledged, sold, delegated or assigned, in whole or in part, by the Contractor without the prior written consent of the Town. It is understood that a sale of the majority of the stock or partnership shares of the Contractor, a merger or bulk sale, an assignment for the benefit of creditors will each be deemed transactions that would constitute an assignment or sale hereunder. The Town may request any information it deems necessary to review any request for assignment or sale of the Contract.

The Contractor must notify the Project Manager prior to any Assignment of the Contract, which must be approved by the Town for the transfer of the Contract. The Town may, at its sole discretion, elect not to approve the transfer of the Contract, which will result in the Contract being terminated in accordance with the Termination for Convenience provision of the Contract. Any transfer without Town approval will be cause for the Town to terminate this Contract for default and the Contractor will have no recourse from such termination.

Nothing herein will either restrict the right of the Contractor to assign monies due to, or to become due or be construed to hinder, prevent or affect any assignment by the Contractor for the benefit of its creditors, made pursuant to applicable law.

#### 1.02-10 TIME FOR COMPLETION

Time is of the essence with regard to completion of the Work to be performed under the Contract. Delays and extensions of time may be allowed only in accordance with the provisions of the Contract. The time allowed for completion is provided for in the Special Terms & Conditions.

#### 1.02-11 APPLICABLE LAW AND VENUE OF LITIGATION

This Contract will be enforceable in Miami-Dade County, Florida, and if legal action is necessary by either party with respect to the enforcement of any or all of the terms or conditions the sole venue will be Miami-Dade County, Florida.

#### 1.02-12 NON-EXCLUSIVE CONTRACT

This Contract shall not be deemed to create an exclusive relationship between the Town and the Contractor(s). The Town, in its sole discretion, reserves the right to perform, solicit or employ other parties or its own staff to perform Work or Services comparable to those covered herein.

#### 1.02-13 SEVERABILITY

In the event any provision of the Contract Documents is determined by a Court of competent jurisdiction to be illegal or unenforceable, then such unenforceable or unlawful provision will be excised from this Contract, and the remainder of the Contract Documents will continue in full force and effect. Notwithstanding the foregoing, if the result of the deletion of such provision will materially and adversely affect the rights of either party, such party may elect, at its option, to terminate the Contract in its entirety. An election to terminate the Contract based upon this provision must be made within seven (7) calendar days after the finding by the Court becomes final.

#### 1.02-14 CONTRACT DOCUMENTS CONTAIN ALL TERMS

The Contract Documents and all documents incorporated herein by reference contain all the terms and conditions agreed upon by the parties hereto, and no other agreement, oral or otherwise, regarding the subject matter of the Contract Documents will be deemed to exist or to bind any of the parties hereto, or to vary any of the terms contained herein.

#### 1.02-15 ENTIRE AGREEMENT

The Contract Documents, as they may be amended from time to time, represent the entire and integrated Contract between the Town and the Contractor and supersede all prior negotiations, representations or agreements, written or oral. This Contract may not be amended, changed, modified, or otherwise altered in any respect, at any time after the execution hereof, except by a written document executed with the same formality and equal dignity herewith. Waiver by either party of a breach of any provision of the Contract Documents will not be deemed to be a waiver of any other breach of any provision of the Contract Documents.

#### 1.02-16 INTENTION OF THE TOWN

It is the intent of the Town to describe in the ITB the Work to be completed in accordance with all codes and regulations governing all the Work to be performed under this Contract. Any work, labor, materials and/or equipment that may reasonably be inferred from the Contract as being required to produce the intended results must be supplied by Contractor whether or not specifically called for in the Contract Documents. Where words, which have well-known technical or trade meanings are used to describe Work, materials or equipment, such words will be interpreted in accordance with that meaning. Reference to standard specifications, manuals, or



codes of any technical society, organization or association, or to the laws or regulations of any governmental authority, whether such reference be specific or by implication, will mean the latest standard specification, manual, code or laws or regulations in effect at the time of opening of Bids and Contractor must comply therewith. Town will have no duties other than those duties and obligations expressly set forth within the Contract Documents.

#### 1.02-17 PRIORITY OF PROVISIONS

If there is a conflict or inconsistency between any term, statement requirement, or provision of any exhibit attached hereto, any document or events referred to herein, or any document incorporated into the Contract Documents by reference and a term, statement, requirement, the specifications or any plans, or provision of the Contract Documents the following order of precedence will apply:

1. In the event of conflicts in the Contract Documents the priorities stated below will govern;
2. Revisions and Change Orders to the Contract will govern over the Contract;
3. The Contract Documents will govern over the Contract;
4. The Special Conditions will govern over the General Conditions of the Contract; and
5. Addendum to an ITB will govern over the ITB.

In the event that Drawings and specifications are provided with the Contract the priorities stated below will govern:

1. Scope of Work and Specifications will govern over Plans and Drawings;
2. Schedules, when identified as such will govern over all other portions of the Plans;
3. Specific notes will govern over all other notes, and all other portions of the Plans, unless specifically stated otherwise;
4. Larger scale drawings will govern over smaller scale drawings;
5. Figured or numerical dimensions will govern over dimensions obtained by scaling; and
6. Where provisions of codes, manufacturer's specifications or industry standards are in conflict, the more restrictive, strict, or higher quality will govern.

#### 1.02-18 ROYALTIES AND PATENTS

All fees, royalties, and claims for any invention, or pretended inventions, or patent of any article, material, arrangement, appliance, or method that may be used upon or in any manner be connected with the Work or appurtenances, are hereby included in the prices stipulated in the Contract for said Work.

#### 1.02-19 PURCHASE AND DELIVERY, STORAGE AND INSTALLATION

All materials must be F.O.B. delivered and included in the cost of the Work. The Contractor is solely responsible for the purchase, delivery, off-loading and installation of all equipment and material(s). Contractor must make all arrangement for delivery. Contractor is liable for replacing and damaged equipment or material(s) and filing any and all claims with suppliers. All transportation must comply with all federal, FDOT, Miami-Dade County, and Town rules and regulations.

No materials will be stored on site without the prior written approval, using the appropriate Town form, by the Project Manager. The Town's Forms are available on the Town's website.

#### 1.02-20 VEHICLES & EQUIPMENT

Contractor must have on hand at all times clean and in good working order such vehicles, machinery, tools, accessories, and other items necessary to perform the Work under this Contract. The Town may require the repair or replacement of equipment as reasonably necessary.

#### 1.02-21 SUBSTITUTIONS

Substitution of any specified material or equipment requires the prior written acceptance of the Project Manager. It is the sole responsibility of the Contractor to provide sufficient information and documentation to the Project Manager to allow for a thorough review and determination on the acceptability of the substitution. Approval of a substitution does not waive or mitigate the Contractor's sole responsibility to meet the requirements of the Contract Documents. The Town may require an adjustment in price based on any proposed substitution.

The Contractor may request the Town to approve substitution where the specified materials are not available. Such requests must be submitted in writing to the Project Manager in advance with sufficient information to evaluate the substitution. The Contractor must provide the substitute materials plant designation, type, grade, quality, and size. Acceptance of substitutions will be at the sole discretion of the Town. The Town may require an adjustment in price based on any proposed substitution.

#### 1.02-22 OWNERSHIP OF THE WORK

The Contractor is solely responsible for all Work, until Final Completion of the Work. Contractor is liable for all damage, theft, maintenance, and safety until such time as the Town issues a notice of Final Completion of the Work.

#### 1.02-23 TOWN LICENSES, PERMITS AND FEES

In accordance with the Public Bid Disclosure Act, 218.80, Florida Statutes, each license, permit, or fee the Contractor will have to pay the Town before or during the Work or the percentage method or unit method of all licenses, permits and fees required by the Town and payable to the Town by virtue of the Work as part of the Contract are as follows:

1. Contractor must have and maintain during the term of this Contract all appropriate Town licenses. Fees for which must be paid in full in accordance with the Town's Fee structure for such licenses. THERE WILL NOT BE ANY PERCENTAGE REDUCTION OR WAIVING OF TOWN LICENSE FEES.
2. During the performance of this Contract there may be times when the Contractor will be required to obtain a Town permit for such Work. It is the responsibility of the Contractor to ensure that he has the appropriate Town permits to perform such work as may become necessary during the performance of the Work. Any fees related to Town required permits in connection with this Contract will be the responsibility of the Contractor and will be reimbursed by the Town.

Licenses, permits, and fees that may be required by County, State or Federal entities are not included in the above list.

#### 1.02-24 TAXES

Contractor must pay all applicable sales, consumer, use and other taxes required by law. Contractor is responsible for reviewing the pertinent state statutes involving state taxes and complying with all requirements.

Contractor shall include all sales and other taxes for which it is liable in its Bid price.

#### 1.02-25 REMOVAL OF UNSATISFACTORY PERSONNEL

Contractor must at all times enforce strict discipline and good order among its employees and subcontractors at the Project(s) site(s) and must not employ on any Work any unfit person or anyone not skilled in the Work to which they are assigned.

The Town may make written request to the Contractor for the prompt removal and replacement of any personnel employed or retained by the Contractor, or any or Subcontractor engaged by the Contractor to provide and perform services or Work pursuant to the requirements of the Contract Documents. The Contractor must respond to the Town within five (5) calendar days of receipt of such request with either the removal and replacement of such personnel or written justification as to why that may not occur. The Town will make the final determination as to the removal of unsatisfactory personnel from the Work. The Contractor agrees that the removal of any of such individual(s) does not require the termination or demotion of said individual(s).

#### 1.02-26 DEFECTIVE OR NON-COMPLIANT WORK

The Project Manager has the authority to reject or disapprove Work that is found to be defective or not in compliance with the requirements of the Contract. If required, the Contractor will promptly either correct all defective or non-compliant Work or remove such defective Work and replace it with non-defective/non-compliant Work. Contractor will bear all direct, indirect and consequential costs of such removal or corrections.

Re-examination of any of the Work may be ordered by the Project Manager and if so ordered, the Work must be uncovered by Contractor. If such Work is found to be in accordance with the Contract Documents, the Town will pay the cost of reexamination and replacement by means of a Change Order. If such Work is not in accordance with the Contract Documents, Contractor will pay such cost.

Should Contractor fail or refuse to remove or correct any defective or non-compliant Work or to make any necessary repairs in accordance with the requirements of the Contract Documents within the time indicated in writing by the Project Manager, the Project Manager has the authority to cause the defective/non-compliant Work to be removed or corrected, or make such repairs or corrections as may be necessary at Contractor's expense. Any expense incurred by the Town in making such removals, corrections or repairs, will be paid for out of any monies due or which may become due the Contractor. In the event of failure of the Contractor to make all necessary repairs promptly and fully, the Town Manager or designee may declare the Contractor in default.

If, within the warranty period required by the Contract Documents, or by any specific provision of the Contract, any of the Work is found to be defective or not in accordance with the Contract Documents, Contractor, after receipt of written notice from Town, must promptly correct such defective or nonconforming Work within the time specified by Town, without cost to Town. Should the Contractor fail to take such action the Town may take any necessary and appropriate

action and hold the Contractor liable and responsible for all costs. The Town may take any action allowed under this Contract or in law to recover all such costs. Nothing contained herein will be construed to establish a period of limitation with respect to any other obligation which Contractor might have under the Contract Documents, including but not limited to, any claim regarding latent defects.

Failure to reject any defective Work or material does not, in any way, prevent later rejection when such defect is discovered, or obligate the Town to accept the defective Work.

#### 1.02-27 COMPLIANCE WITH APPLICABLE LAWS

The Contractor must comply with the most recent editions and requirements of all applicable laws, rule, regulations, codes, and ordinances of the Federal government, the State of Florida, Miami-Dade County, and the Town.

#### 1.02-28 NONDISCRIMINATION, EQUAL EMPLOYMENT OPPORTUNITY, & ADA

During the performance of this Contract, the Contractor agrees as follows:

- (1) The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The Contractor will take affirmative action to ensure that the applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- (2) The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.
- (3) The Contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) The Contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (5) The Contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the Contractor's noncompliance with the nondiscrimination clause of this Contract or with any of the said rules, regulations, or orders, this Contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

(7) The Contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The Contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event a Contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction the administering agency, the Contractor may request the United States to enter into such litigation to protect the interest of the United States.

#### 1.02-29 NOTICES

Whenever either party desires to give written notice to the other relating to the Contract, such must be addressed to the party for whom it is intended at the place specified below; and the place for giving the notice will remain until it has been changed by written notice in compliance with the provisions of this Article. Notice will be deemed given on the date received or within 3 days of mailing, if mailed through the United States Postal Service. Notice will be deemed given on the date sent via e-mail or facsimile. Notice will be deemed given via courier/delivery service upon the initial delivery date by the courier/delivery service. For the present, the parties designate the following as the respective places for giving of notice:

For Town:

Mr. Edward Pidermann  
Town Manager  
Town of Miami Lakes  
6601 Main Street  
Miami Lakes, Florida 33014  
[pidermanne@miamilakes-fl.gov](mailto:pidermanne@miamilakes-fl.gov)

Raul Gastesi  
Town Attorney  
Town of Miami Lakes  
6601 Main Street  
Miami Lakes, Florida 33014  
[rgastesi@gastesi.com](mailto:rgastesi@gastesi.com)

For Contractor:

Ricardo Gonzalez  
President  
RG Underground Engineering, Inc.  
14375 SW 120 St. Unit 104  
Miami, FL 33186  
[Office@rgunderground.com](mailto:Office@rgunderground.com)

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During the Work the Contractor must maintain continuing communications with designated Town representative(s). The Contractor must keep the Town fully informed as to the progress of the Work under the Contract.

## **1.03 INDEMNITY & INSURANCE**

### **1.03-1 INDEMNIFICATION**

The Contractor must indemnify and hold harmless the Town, its officers, agents and employees from and against all liability, claims, damages, losses and expenses, including reasonable attorney's fees and costs at both trial and appellate levels arising out of or resulting from the performance of the Work under this Contract, caused by negligence, recklessness, intentional misconduct, or any act or omission of the Contractor or anyone directly or indirectly employed by Contractor or anyone for whose acts Contractor may be liable. The Contractor expressly understands and agrees that any insurance protection required by this Contract or otherwise provided by Contractor will in no way limit the responsibility to indemnify, keep and save harmless and defend the Town or its officers, employees, agents and instrumentalities as herein provided.

The Contractor agrees and recognizes that the Town will not be held liable or responsible for any claims which may result from any actions or omissions of the Contractor in which the Town participated either through review or concurrence of the Contractor's actions. In reviewing, approving or rejecting any submissions by the Contractor or other acts of the Contractor, the Town in no way assumes or shares any responsibility or liability of the Contractor or Subcontractor, under this Contract. The Contractor will defend the Town or provide for such defense at its own expense, at the Town's option.

This indemnification obligation will survive the expiration or termination of this Contract.

The Town has provided specific consideration for the indemnification of \$10.00 from the sums due to the Contractor under this Contract.

### **1.03-2 CONTRACTOR'S RESPONSIBILITY FOR DAMAGES TO THE WORK**

Contractor accepts full responsibility for Work against all losses or damages of whatever nature sustained until acceptance by Town Manager or designee, and must promptly repair or replace, at no additional cost to the Town any Work, materials, equipment, or supplies damaged, lost, stolen, or destroyed from any cause whatsoever.

Contractor is full responsible for Work against all losses or damages of whatever nature sustained until acceptance by Town, and must promptly repair or replace, at no additional cost to the Town any Work, materials, equipment, or supplies damaged, lost, stolen, or destroyed from any cause whatsoever.

### **1.03-3 DEFENSE OF CLAIMS**

Should any claim be made, or any legal action brought in any way relating to the Work under the Contract, the Contractor will diligently render to the Town all assistance which the Town may require of the Contractor.

### **1.03-4 INSURANCE**

Without limiting any of the other obligations or liabilities of Contractor, the Contractor must secure and maintain throughout the duration of this Contract, insurance of such type and in such amounts necessary to protect its interest and the interest of the Town against hazards or risks of loss as specified below. The underwriter of such insurance must be qualified to do business in the State of Florida, be rated "B" as to management and "Class V" as to strength or better as rated by the latest edition of Best's Insurance Guide, published by A.M. Best Company,

Oldwick, New Jersey, or its equivalent, The insurance carrier must have agents upon whom service of process may be made in the State of Florida. The insurance coverage will be primary insurance with respect to the Town, its officials, employees, agents and volunteers. Any insurance maintained by the Town will be in excess of the Contractor's insurance and will not contribute to the Contractor's insurance. The insurance coverages must include a minimum of:

*a. Worker's Compensation and Employer's Liability Insurance:*

Coverage to apply for all employees for statutory limits as required by the State of Florida's Statutory Workers' Compensation Law and all applicable Federal laws. The policy(ies) must include Employer's Liability with minimum limits of \$500,000 each accident and a waiver of subrogation.

*b. Comprehensive Business Automobile and Vehicle Liability Insurance:*

This insurance must be written in comprehensive form and must protect the Contractor and the Town against claims for injuries to members of the public and/or damages to property of others arising from the Contractor's use of motor vehicles or any other equipment and must cover operation with respect to onsite and offsite operations and insurance coverage must extend to any motor vehicles or other equipment irrespective of whether the same is owned, non-owned, or hired. The limit of liability must not be less than \$500,000 per occurrence, combined single limit for Bodily Injury Liability and Property Damage Liability. Coverage must be afforded on a form no more restrictive than the latest edition of the Business Automobile Liability Policy, without restrictive endorsement, as filed by the Insurance Services Office.

*c. Commercial General Liability ("CGL"):*

This insurance must be written in comprehensive form and must protect the Contractor and the Town against claims arising from injuries to members of the public or damage to property of others arising out of any act or omission to act of the Contractor or any of its agents, employees, or subcontractors. The limit of liability must not be less than \$1,000,000 per occurrence, combined single limit for Bodily Injury Liability and Property Damage Liability. Coverage must be afforded on a primary and non-contributory basis and with a coverage form no more restrictive than the latest edition of the Commercial General Liability Policy, without restrictive endorsements, as filed by the Insurance Services Office, and must include: (1) Premises and/or Operations; (2) Independent contractors and Products and/or completed Operations; (3) Broad Form Property Damage, Personal Injury and a Contractual Liability Endorsement, including any hold harmless and/or indemnification agreement.

- (i) Products and/or Completed Operations for contracts with an Aggregate Limit of **One Million Dollars (\$1,000,000)** per project. Contractor must maintain in force until at least three years after completion of all Work required under the Contract, coverage for Products and Completed Operations, including Broad Form Property Damage.

(ii) Personal and Advertising Injury with an aggregate limit of **One Million Dollars (\$1,000,000)**.

(iii) CGL Required Endorsements:

- (1st) Employees included as insured
- (2nd) Contingent Liability/Independent Contractors Coverage
- (3rd) Contractual Liability
- (4th) Waiver of Subrogation
- (5th) Premises and/or Operations
- (6th) Explosion, Collapse and Underground Hazards (if not specifically covered under the policy)
- (7th) Loading and Unloading
- (8th) Mobile Equipment (Contractor's Equipment) whether owned, leased, borrowed or rented by Contractor or employees of the Contractor.

*d. Certificate of Insurance*

Contractor must provide the Town Manager or designee with Certificates of Insurance for all required policies within fifteen (15) days of notification of a conditional award by the Town. The Certificates of Insurance must not only name the types of policy(ies) provided, but also must specifically cite this Contract and must state that such insurance is as required by this Contract. The Town reserves the right to require the Contractor to provide a certified copy of such policies, upon written request by the Town. Each policy certificate must be endorsed with a provision that not less than thirty (30) calendar days' written notice must be provided to the Town before any policy or coverage is cancelled, restricted, or a material change is made. Acceptance of the Certificate(s) is subject to approval of the Town Manager or designee.

*e. Additional Insured*

The Town is to be specifically included as an Additional Insured for the liability of the Town resulting from operations performed by or on behalf of Contractor in performance of this Contract. The Town must be named as additional insured under the CGL, business automobile insurance and umbrella policies. Town must be named as an additional insured under Contractor's insurance, including that applicable to the Town as an Additional Insured, must apply on a primary basis and any other insurance maintained by the Town will be in excess of and will not contribute to Contractor's insurance. Contractor's insurance must contain a severability of interest provision providing that, except with respect to the total limits of liability, the insurance must apply to each Insured or Additional Insured in the same manner as if separate policies had been issued to each.

All deductibles or self-insured retentions must be declared to and be approved by the Town Manager. The Contractor will be responsible for the payment of any deductible or self-insured retention in the event of any claim.



#### **1.04 NO OBLIGATION BY FEDERAL GOVERNMENT**

The Federal Government is not a party to this Contract and is not subject to any obligations or liabilities to the Town, Contractor, or any other party pertaining to any matter resulting from the Contract.

#### **1.05 PROGRAM FRAUD AND FALSE OR FAUDULENT STATEMENTS OR RELATED ACTS**

The Contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Contractor's actions pertaining to this Contract.

#### **1.06 COMPLIANCE WITH FEDERAL LAW, REGULATIONS, AND EXECUTIVE ORDERS**

This is an acknowledgement that FEMA Financial Assistance will be used to fund the Contract only. The Contractor will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

#### **1.07 DHS SEAL, LOGO, AND FLAGS**

The Contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.

#### **1.08 PROCUREMENT OF RECOVERED MATERIALS**

In the performance of this Contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired –

- (i) Competitively within a timeframe providing for compliance with the Contract performance schedule;
- (ii) Meeting contract performance requirements; or
- (iii) At a reasonable price.

Information about this requirement is available at EPA's Comprehensive Procurement Guidelines website, [www.epa.gov/cpg/](http://www.epa.gov/cpg/). The list of EPA-designate items is available at <https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program>.

#### **1.09 BYRD ANTI-LOBBYING AMENDMENT**

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connect with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

#### **1.10 DEBARMENT AND SUSPENSION**

- (1) This Contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such, the Contractor is required to verify that none of the Contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (define at 2 C.F.R. § 180.935).

- (2) The Contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- (3) This certification is a material representation of fact relied upon by the Town. If it is later determined that the Contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (name of state agency service as recipient and name of subrecipient), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.
- (4) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any Contract to may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

## **1.11 PUBLIC RECORDS**

### **1.11-1 ACCESS, REVIEW AND RELEASE OF RECORDS**

Town will have the right to inspect and copy, at Town's expense, the books, records, and accounts of Contractor which relate in any way to the Contract. The Contractor agrees to maintain an accounting system that provides for accounting records that are supported with adequate documentation and adequate procedures for determining allowable costs.

The Contractor agrees to provide the Town, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and record of the Contractor which are directly pertinent to this Contract for the purposes of making audits, examinations, excerpts, and transcriptions.

The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

The Contractor agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.

#### ***f. Public Records***

Bidder affirms, by virtue of bidding, that its Bid is a public record, and the public will have access to all documents and information pertaining to the bid and the solicitation, subject to the provisions of Chapter 119, Florida Statutes. Bidder acknowledges that the Town may provide public access to or provide copies of all documents subject to disclosure under applicable law. If the Project is funded by grants, either partially or fully, records will be made available to the granting agency in accordance with that agency's requirements, when necessary.

Bidder is responsible for claiming applicable exemptions to disclosure as provided by Chapter 119, Florida Statutes, in its Bid by identifying the materials to be protected and providing a reason for why such exclusion from public disclosure is necessary and legal.

#### ***g. Retention and Transfer of Public Records***

Upon termination by the Town or final completion of the Contract the Contractor must, in accordance with Section 119.0701 of the Florida Statutes, transfer to the Town, at no cost, all

public records in possession of the Contractor and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All public record stored electronically must be provided in .pdf format or another format acceptable to the Town. Any payments due the Contractor will not be made until the Town receives the public records. Failure to return such documents will result in the documents being subject Chapter 119 of the Florida Statutes

The Contractor must comply with the applicable provisions of Chapter 119, Florida Statutes and Town will have the right to immediately terminate this Contract for the refusal by the Contractor to comply with Chapter 119, Florida Statutes. The Contractor must retain all other records associated with this Contract for a period of five (5) years from the date of termination.

**Should the Contractor have any questions related to the application of Chapter 119, Florida Statutes, to the Contractor's duty to provide public records relating to this Contract, contact the Town's custodian of public records at the Office of the Town Clerk 6601 Main Street, Miami Lakes, Florida 33014 either in writing to by telephone at (305) 364-6100 or [clerk@miamilakes-fl.gov](mailto:clerk@miamilakes-fl.gov).**

## **1.12 CONTRACT MODIFICATION AND DISPUTE PROCESS**

### **1.12-1 CHANGE ORDERS**

Without invalidating the Contract Documents, and without notice to any Surety, the Town reserves the right to make increases, decreases or other changes in the character or quantity of the Work under the Contract Documents as may be considered necessary or desirable to complete the Work in a manner satisfactory to the Town. The Town reserves the right to order changes which may result in additions to or reductions from the amount, type or value of the Work shown in the Contract, and which are within the general scope of the Contract Documents, and all such changes will be authorized only by a Change Order approved in advance, and issued in accordance with provisions of the Town.

The Contractor is required to provide the Project Manager with a detailed Change Proposal Request ("CPR") or Request for Change Order ("RCO"), utilizing the Town's standard form, which must include requested revisions to the Contract, including but not limited to adjustments in this Contract Price and Contract Time. The Contractor is required to provide sufficient data in support of the cost proposal demonstrating its reasonableness. In furtherance of this obligation, the Town may require that the Contractor submit any or all of the following: a cost breakdown of material costs, labor costs, labor rates by trade, and Work classification and overhead rates in support of Contractor's CPR/RCO. The Contractor's CPR/RCO must include any schedule revisions and an explanation of the cost and schedule impact of the proposed change on the Project. If the Contractor fails to notify the Project Manager of any schedule changes associated with the proposed change, it will be deemed to be an acknowledgment by Contractor that the proposed work will not have any scheduling consequences.

Any changes to the Contract must be contained in a written Change order, using the Town's Change Order Form, executed by the both parties. However, under circumstances determined necessary by the Town, a Change Order may be issued unilaterally by Town.

In the event a satisfactory adjustment cannot be reached, and a Change Order has not been issued or time is of the essence, the Town reserves the right, at its sole option to direct the Contractor to proceed on a time and materials basis or make such arrangements as may be deemed necessary to complete the proposed additional Work.

Where the Town directs the Contractor to proceed on a time and materials basis, Contractor must maintain detailed records of all labor and material costs for review by the Town.

For all Change Orders the Contractor will be entitled to a combined profit and overhead rate for Change Orders that will not be in excess of ten (10%) percent inclusive of all direct/indirect costs including labor, material, and equipment costs, unless the Procurement Manager determines that the complexity and risk of the Change Order work is such that an additional factor is appropriate.

The final amount to be paid to the Contractor for Change Order Work is subject to negotiation between the Town and the Contractor.

Failure by the Contractor to proceed with Change Order Work when so directed by the Town Manager or designee may result in the Contractor being found in default of the Contract.

Contractor must utilize the Town's standard requests for change orders and change order forms unless otherwise specifically approved by the Town's Procurement Manager. The Town's Forms are available on the Town's website.

#### 1.12-2 FORCE MAJEURE

Should any failure to perform on the part of Contractor be due to a condition of Force Majeure as that term is interpreted under Florida law, then, the Town may allow an extension of time reasonably commensurate with the cause of such failure to perform or cure.

If the Contractor is delayed in performing any obligation under the Contract Documents due to a force majeure condition, the Contractor must request a time extension from the Town within two (2) working days of said Force Majeure occurrence. Any time extension will be subject to mutual agreement and will not be cause for any claim by the Contractor for extra compensation unless additional services are required by the Town. A Force Majeure event **does not include** inclement weather except for significant weather events that adversely impact the critical path of the Project Schedule, if required, or completion of the work, and **does not include** the acts or omissions of Subcontractors or suppliers.

#### 1.12-3 EXTENSION OF TIME

Any reference in this Article to the Contractor will be deemed to include suppliers, and permitted Subcontractors, whether or not in privity of contract with the Contractor for the purpose of this Article.

If the Contractor is delayed at any time during the progress of the Work beyond the time frame or date provided for Final Completion by the neglect or failure of the Town or by a Force Majeure, then the Contract Time set forth in the Contract will be extended by the Town subject to the following conditions:

1. The cause of the delay arises after issuance of the NTP and could not have been anticipated by the Contractor by reasonable investigation before proceeding with the Work;
2. The Contractor demonstrates that the completion of the Work will be actually and necessarily delayed;

3. The effect of such cause cannot be avoided or mitigated by the exercise of all reasonable precautions, efforts and measures whether before or after the occurrence of the cause of delay.

A delay meeting all the conditions of the above, will be deemed an Excusable Delay.

The Town reserves the right to rescind or shorten any extension previously granted if subsequently, the Project Manager determines that any information provided by the Contractor in support of a request for an extension of time was erroneous; provided however, that such information or facts, if known, would have resulted in a denial of the request for an Excusable Delay. Notwithstanding the above, the Project Manager will not rescind or shorten any extension previously granted if the Contractor acted in reliance upon the granting of such extension and such extension was based on information which, although later found to have been erroneous, was submitted in good faith by the Contractor.

The request for an Excusable Delay must be made within five (5) calendar days after the time when the Contractor knows or should have known of any cause for a specific event, for which it may claim an extension of time and must provide any actual or potential basis for an extension of time, identifying such causes and describing, as fully as practicable at that time, the nature and expected duration of the delay and its effect on the completion of that part of the Work identified in the request. The Project Manager may require the Contractor to furnish such additional information or documentation, as the Project Manager will reasonably deem necessary or helpful in considering the requested extension.

The Contractor will not be entitled to an extension of time unless the Contractor affirmatively demonstrates that it is entitled to such extension.

The Project Manager will endeavor to review and respond to the Contractor's request for Excusable Delays in a reasonable period of time; however, the Contractor is obligated to continue to perform the Work required regardless of whether the Project Manager has issued a decision or whether the Contractor agrees or disagrees with that decision.

With regard to an injunction, strike or interference of public origin which may delay the Project, the Contractor must promptly give the Project Manager a copy of the injunction or other orders and copies of the papers upon which the same was granted. The Town must be afforded the right to intervene and become a party to any suit or proceeding in which any such injunction has been obtained and move to dissolve the same or otherwise, as the Town may deem proper.

Where the Contractor is delayed for any period of time by two or more of the causes mentioned in Article C4.04, Excusable Delay, Non-Compensable, the Contractor will not be entitled to a separate extension for each one of the causes, only one period of extension will be granted for the delay.

Any extension of time granted by the Town will be processed through the Change Order provisions of the Contract.

The permitting of the Contractor to proceed with the Work subsequent to the date specified in the Contract (as such date may have been extended by a change order), the making of any payment to the Contractor, the issuance of any Change Order, will not waive the Town's rights under the Contract, including but not limited to the assessment of liquidated damages or declaring Contractor in default.

#### 1.12-4 EXCUSABLE DELAY, NON-COMPENSABLE

Excusable Delay is delay caused by either of the following: (i) circumstances that could not be foreseen and are beyond the reasonable control of Contractor, its subcontractors, or suppliers; or (ii) joint or concurrent action by Contractor, its subcontractors, suppliers or vendors and the Town. Then Contractor will be entitled only to a time extension and no compensation for the delay.

Contractor is entitled to a time extension of the Contract time for each day the Work is delayed due to Excusable Delay. Contractor must document its claim for any time extension as provided in Article C4.05.

Failure of Contractor to comply with Article C4.05, as to any particular event of delay will be deemed conclusively to constitute a waiver, abandonment or relinquishment of any and all claims resulting from that particular event of delay.

#### 1.12-5 CLAIMS

Contractor will only be entitled to submit a claim after submitting its request for additional compensation or time in accordance with Articles C4.03 and C4.04 of the Contract and the request(s) have been denied or the Contractor does not agree with the decision of the Town.

Any claim for a change in the Contract time for completion of any Work, the Contract Term, or Contract price must be made by written notice by Contractor to the Town representatives identified in Article C1.26 within the timeframe established in Article C4.04, effective with the commencement of the event giving rise to the claim stating the general nature and cause of the claim. Thereafter, within twenty (20) calendar days of the termination of the event giving rise to the claim, written notice of the extent of the claim with supporting information and documentation must be provided unless the Procurement Manager allows an additional period of time to ascertain more accurate data in support of the claim. The written notice must be accompanied by Contractor's written notarized statement that the adjustment(s) claimed is the entire adjustment to which the Contractor has reason to believe it is entitled as a result of the occurrence of said event. All claims and disputes will be determined in accordance with the Contract. It is expressly and specifically agreed that any and all claims for changes to the Contract will be waived if not submitted in strict accordance with the requirements of this Article.

The Town may require the Contractor to submit its claim utilizing a specific format or forms to facilitate the Town's evaluation of the claim. The Town at its sole discretion may require that additional documentation or information be provided by the Contractor to assist in its review and evaluation of the claim.

The Contract time will be extended in an amount equal to time lost on critical Work items due to delays beyond the control of and through no fault or negligence of Contractor if a claim is made as provided in this Article. Such delays include, but are not be limited to, acts or neglect by any separate contractor employed by Town, fires, floods, labor disputes beyond the control of the Contractor, epidemics, abnormal weather conditions (if applicable), or acts of God.

The Contractor will not be entitled to an increase in the Contract price or payment or compensation of any kind from the Town for direct, indirect, consequential, impact or other costs, expenses or damages, including but not limited to costs of acceleration or inefficiency, arising because of delay, disruption, interference or hindrance from any cause whatsoever, whether such delay, disruption, interference or hindrance be it reasonable or unreasonable, foreseeable or unforeseeable, avoidable or unavoidable. Contractor will only be entitled to an extension of the

Contract Time for completion of the Work, as the sole and exclusive remedy for such resulting excusable delay.

The Contractor agrees to make no claim for damages for delay of any kind in the performance of the Contract Documents whether occasioned by any act or omission of the Town or any of its representatives and the Contractor agrees that any such claim will be compensated solely by an extension of time to complete performance of the Work due to an Excusable Delay as defined in Articles C4.03, and Article C4.04. The Contractor alone specifically assumes the risk of such delays, including, without limitation: delays in processing or approving any submittals to the Town or by the Town, or the failure to render determinations, approvals, replies, inspections, in a timely manner. Contractor will not receive monetary compensation for Town delay(s).

Failure of Contractor to comply with this Article as to any particular event of claim will be deemed conclusively to constitute a waiver of any and all claims resulting from that particular event.

#### 1.12-6 CONTINUING THE WORK

Contractor must continue to perform all Work under the Contract Documents during all disputes or disagreements with Town, including disputes or disagreements concerning a request for a Change Order and no Work must not be delayed or postponed pending resolution of any disputes or disagreements.

#### 1.12-7 FRAUD AND MISREPRESENTATION

The Town may terminate this Contract or any other contracts with the Town with any person, individual, corporation, entity, or affiliate that attempts to meet its contractual obligations with the Town through fraud, misrepresentation or material misstatement. Such person, individual, corporation, entity, or affiliate will be responsible for all direct or indirect costs associated with termination or cancellation.

#### 1.12-8 STOP WORK ORDER

The Town may, at any time, by written order to the Contractor, require the Contractor to stop all, or any part, of the Work for a period of up to ninety (90) days (or any lesser period), commencing no sooner than the date the order is delivered to the Contractor, and for any further period to which the parties may agree. Any such order will be specifically identified as a "Stop Work Order" issued pursuant to this paragraph. Within the period of ninety (90) days (or the lesser period specified) after a Stop Work Order is delivered to the Contractor, or within any extension to which the parties have agreed the Town will either:

1. Cancel the Stop Work Order; or
2. Terminate the Work covered by such order as provided in Article C5.03, Termination for Convenience.

If a Stop Work Order issued under this Article is canceled or the period of the order or any extension thereof expires, the Contractor must resume the Work without compensation to the Contractor for such suspension other than extending the time to complete any Work under the Contract or extending the Contract Term to the extent that, in the opinion of the Project Manager, the Contractor may have been delayed by such suspension. In the event the Project Manager determines that the suspension of Work was necessary due to Contractor's defective or incorrect Work, unsafe Work conditions caused by the Contractor, or any other reason caused by Contractor's fault or omission, the Contractor will not be entitled to an extension of time or Contract Term or (Time) as a result of the issuance of a Stop Work Order.

Suspension of the Work caused by a threatened or actual storm event, regardless of whether the Town has directed such suspension, will entitle the Contractor to additional Contract time as non-compensable, Excusable Delay, and will not give rise to a claim for compensable delay.

#### **1.12-9 MATERIALITY AND WAIVER OF BREACH**

Town and Contractor agree that each requirement, duty, and obligation set forth in the Contract Documents is substantial and important to the formation of the Contract Documents and, therefore, is a material term hereof. The Town's failure to enforce any provision of the Contract Documents will not be deemed a waiver of such provision or modification of the Contract Documents. A waiver of any breach of a provision of the Contract Documents will not be deemed a waiver of any subsequent breach and will not be construed to be a modification of the terms of the Contract Documents.

#### **1.12-10 TIME IN WHICH TO BRING ACTION AGAINST THE TOWN**

In the event the Contractor may be deemed to have a cause of action against the Town, no action will lie or be maintained by the Contractor against the Town upon any claim arising out of or based upon the Contract Documents by reason of any act or omission or requirement of the Town or its agents, unless such action is commenced within six (6) months after the date of issuance of a final payment under the Contract, or if the Contract is terminated under the provisions of the Contract, unless such action is commenced within six (6) months after the date of such termination by the Town.

### **1.13 EARLY TERMINATION & DEFAULT**

#### **1.13-1 SET-OFFS, WITHHOLDING, AND DEDUCTIONS**

The Town may set-off, deduct or withhold from any payment due the Contractor, such sums as may be specifically allowed in the Contract or by applicable law including, without limitation, the following:

1. Any amount of any claim by a third party;
2. Any Liquidated Damages, and/or;
3. Any unpaid legally enforceable debt owed by the Contractor to the Town.

The Town will notify the Contractor in writing of any such withholdings.

Any withholding, which is ultimately held to have been wrongful, will be paid to the Contractor in accordance with the Local Government Prompt Payment Act

#### **1.13-2 CONTRACTOR DEFAULT**

##### ***a. Event of Default***

An event of default means a breach of the Contract by the Contractor. Without limiting the generality of the foregoing and in addition to those instances referred to herein as a breach, an Event of Default, includes but is not limited to, the following:

1. The Contractor has not performed the Work in a timely manner;
2. The Contractor has refused or failed to supply properly skilled staff or provided sufficient quantities of staff to perform the Work;
3. The Contractor has failed to make prompt payment to Subcontractors or suppliers for any services, materials, or supplies provided to Contractor;



4. The Contractor has become insolvent or has assigned the proceeds received for the benefit of the Contractor's creditors, or the Contractor has taken advantage of any insolvency statute or debtor/creditor law or if the Contractor's affairs have been put in the hands of a receiver;
5. The Contractor has failed to obtain the approval of the Town where required by the Contract Documents;
6. The Contractor has failed in the representation of any warranties stated herein;
7. When, in the opinion of the Town, reasonable grounds for uncertainty exist with respect to the Contractor's ability to perform the Work.

*b. Notice of Default – Opportunity to Cure*

Where an Event of Default ("Default") occurs under the Contract, the Town may at its sole discretion notify the Contractor, specifying the basis for such Default, and advising the Contractor that such Default must be cured within a time frame specified by the Town; or, the Contract with the Town may be terminated. The Town is under no obligation to issue such notification. The Town may grant an extension to the cure period if the Town deems it appropriate and in the best interest of the Town, without waiver of any of the Town's rights hereunder. The Town, at its sole discretion, may have a default corrected by its own forces or another contractor and any such costs incurred will be deducted from any sums due the Contractor under any contract with the Town.

The Town Manager or designee may also suspend any payment or part thereof or order a Work stoppage until such time as the issue(s) concerning compliance are resolved.

*c. Termination for Default*

Where a Default is not cured within the time specified to cure the Default, the Town Manager in addition to all remedies available by law, may immediately, upon written notice to Contractor, terminate this Contract. Contractor understands and agrees that termination of this Contract under this Article will not release Contractor from any obligation accruing prior to the effective date of termination.

In the event of termination by the Town Manager or designee, the Town Manager or designee may immediately take possession of all applicable documentation and data, material, equipment, and supplies to which it is entitled to under the Contract or by law.

Where the Town erroneously terminates the Contract for default, the terminations will be converted to a Termination for Convenience, and the Contractor will have no further recourse of any nature for wrongful termination.

### **1.13-3 TERMINATION FOR CONVENIENCE**

In addition to cancellation or termination as otherwise provided for in the Contract, the Town may at any time, in its sole discretion, with or without cause, terminate the Contract by written notice to the Contractor. Such Written Notice will state the date upon which Contractor must cease all Work under the Contract, and if applicable vacate the Project(s) site(s).

Upon receipt of such notice, unless otherwise directed by the Town, the Contractor must Stop all Work on the date specified in the notice ("the Effective Date");

1. Take such action as may be necessary for the protection and preservation of the Town's materials and property;
2. Cancel all cancelable orders for materials and equipment;

3. Remove all materials, supplies or equipment that may be used by the Contractor on other work;
4. Assign to the Town and deliver to the Town, at a site(s) specified by the Town, any non-cancelable orders for materials and equipment that can not otherwise be used by the Contractor on other work;
5. Take no action that will increase the amounts payable by the Town under the Contract Documents; and take reasonable measures to mitigate the Town's liability under the Contract Documents; and
6. All documents, including electronic documents, related to Work authorized under the Contract, whether finished or not, must be turned over to the Town. Failure to timely deliver the documentation will be cause to withhold any payments due without recourse by Contractor until all documentation is delivered to the Town.

In the event that the Town exercises its right to terminate the Contract pursuant to the Contract Documents, the Town will pay the Contractor for the actual cost, or the fair and reasonable value, as substantiated by invoice documentation, of any non-cancelable material(s) and equipment that cannot be used elsewhere by the Contractor in the performance of its work.

In no event, will any payments under this Paragraph exceed the maximum cost set forth in the Contract and the amount due hereunder may be offset by payments made to the Contractor or any claims made against the Contractor. Contractor will not be entitled to lost profits, overhead or consequential damages as a result of a Termination for Convenience.

#### **1.13-4 REMEDIES AVAILABLE TO THE TOWN**

The Town may avail itself of each and every remedy stated in the Contract Documents or existing at law or in equity. The exercise or the beginning of the exercise, of one remedy will not be deemed a waiver of the right to exercise, at the same time or thereafter, of any other remedy.

#### **1.13-5 FUNDS AVAILABILITY**

Funding for this Contract is contingent on the availability of funds and the Contract is subject to amendment or termination due to lack of funds, reduction of funds and/or change in regulations, upon thirty (30) days' notice.

### **1.14 PAYMENT PROCESS**

#### **1.14-1 COMPENSATION**

Contractor can submit an invoice for payment for Work performed once per month for work completed and acceptance by the Project Manager. Contractor may not invoice more than once per month.

Contractor must use the Town's Contractor Payment Application ("Invoice") for all payment requests. Failure to use the Invoice form and full complete the required information will delay payment. Payments will not be made based on statements of accounts.

The Invoice Form is available on the Town's website at [http://www.miamilakes-fl.gov/index.php?option=com\\_content&view=article&id=149&itemid=358](http://www.miamilakes-fl.gov/index.php?option=com_content&view=article&id=149&itemid=358).

The Town will take action to pay, reject or make partial payment on an Invoice in accordance with the Florida Local Government Prompt Payment Act. No payments will be due or payable for Work not performed or materials not furnished or where the Work has not been accepted by the Town. If there is a dispute with regard to an invoice, the Town will pay the amount not in dispute and

reject the remainder that is in dispute. Contractor is responsible for paying its Subcontractors and suppliers in accordance with the Florida Local Government Prompt Payment Act.

The Contractor will be compensated based on actual Work performed at the prices specified in the in Exhibit A, Fee Schedule, attached hereto.

The acceptance of final payment for a Project constitutes a waiver of all claims by Contractor related to that Project, except those previously made in strict accordance with the provisions of the Contract and identified by Contractor as unsettled at the time of the application for payment.

#### 1.14-2 ESTIMATED QUANTITIES

The stated quantities do not reflect the actual quantities to be ordered and the Town has not established any minimum quantities and no guarantee is expressed or implied as to the total quantity of Work to be issued to a Contractor. The Town reserves the right, at its sole discretion, to make adjustment to the number and/or location of the Bid items. The failure of the Town to order any minimum quantities does not form any basis for a claim by the Contractor for lost work or profits.

#### 1.14-3 LINE-ITEM PRICING

Line item pricing must include all costs, both direct and indirect to perform the Work except for those costs specifically identified as reimbursable costs as stated in Article B9.06. This includes any incidental costs associated with the Work not specifically stated, i.e., the installation of drainage may require backfill and patching, whether permanent or temporary.

The Bid Form contains line item prices and the Bidder is required to Bid on all line items. Where a Bidder fails to provide line item prices for all line items the Bid will be rejected as non-responsive.

#### 1.14-4 LINE-ITEM QUANTITIES

The estimated quantities will be used solely for bid comparison purposes for the Town to determine the lowest responsive and responsible. No guarantee is expressed or implied as to the total quantity of Work to be issued to a Contractor.

#### 1.14-5 ADDITIONAL LINE ITEM PRICING

The Town reserves the right to request price quotes for additional items not contained in the initial award. Should the Town add any additional line items the Town will do so through the Change Order process.

#### 1.14-6 REIMBURSIBLE EXPENSES

Certain Project expenses may or will not be known at the time of award of a Project. The Town will reimburse the Contractor for such costs, which includes:

1. Permits
2. Police Officer costs when not provided by the Town
3. WASD fees
4. DERM fees

Where a permit or the Town requires the Contractor to use a police officer(s) during the performance of the Work the Town will make every effort to furnish police officers at no cost to the Contractor. Where the Town is not able to provide the required police officers the Town will reimburse the Contractor based on the actual cost to the Contractor and the cost is not include in

the unit price per item. To be reimbursed the Contractor must submit a copy of documentation substantiating both the cost as well as proof of payment.

Contractor will only be reimbursed for the actual direct cost, without any mark-up.

**END OF SECTION**

DRAFT

## **SECTION 2. SPECIAL TERMS & CONDITIONS**

### **2.01 OVERVIEW**

The Stormwater Master Plan identified the West Lakes area as a priority for stormwater improvements. The Project consists of constructing approximately 1,500 linear feet of drainage pipe and 4,100 linear feet of exfiltration trenches (French Drains), connecting to the stormwater main line on NW 89<sup>th</sup> Avenue leading to an outfall. The Project will also consist of performing restoration and asphalt resurfacing of the existing roadway surfaces impacted by the drainage improvements to increase drainage capacity, reduce localized flooding, improve stormwater runoff, and mitigate local mosquito populations. The Project encompasses four (4) areas of priority, also referred to in the Town of Miami Lakes Stormwater Master Plan as Areas B, C, D, and E. See Section B3 for Project Location.

**This project is funded through the Department of Environmental Protection (DEP) and the Flood Mitigation Assistance (FMA) Grant Program as approved by the Florida Division of Emergency Management Division and Federal Emergency Management Agency (FEMA).**

The Town is seeking a qualified, experienced, and licensed contractor to perform the Work identified in Section B2 below, in accordance with the plans, specifications, and Contract included as part of this RFP.

The selected contractor shall have the right combination of price, qualifications, and experience to help ensure that the Projects are completed on time, within budget, and according to the plans and specifications herein, with a minimum number of issues and change orders. The awarded contractor will be governed by the Town's terms, conditions and agreement, as well as the Flood Mitigation Assistance Grant Program statutes and regulations and all work must be done in accordance with all exhibits and attachments.

### **2.02 SCOPE OF WORK**

The Scope of Work consists of furnishing all labor, materials, machinery, tools, means of transportation, supplies, equipment, and services necessary for road improvements including drainage system installation, milling and resurfacing, thermoplastic pavement markings, and site restoration [including landscaping swale, concrete curb and gutter, driveways (asphalt, paver, or concrete) mailbox, street signs, etc.] as detailed in the plans and specifications attached hereto as Exhibit B.

### **2.03 PROJECT LOCATION**

The Project is generally located in the West Lakes community in the southwest section of the Town and is split into four (4) areas. Area B is located at NW 146<sup>th</sup> Lane and NW 147<sup>th</sup> Lane from 89<sup>th</sup> Avenue to 87<sup>th</sup> Avenue. Area C is located at NW 149<sup>th</sup> Terrace from NW 92<sup>nd</sup> Avenue to NW 89<sup>th</sup> Avenue. Area D is located at NW 148<sup>th</sup> Terrace from NW 92<sup>nd</sup> Avenue to NW 87<sup>th</sup> Avenue. Area E is located at NW 148<sup>th</sup> Street from NW 92<sup>nd</sup> Avenue to NW 89<sup>th</sup> Avenue. See Exhibit B for further details.

### **2.04 CONTRACT TERM**

This Agreement will be effective upon execution by both parties and will continue until the expiration of the warranties.

The Contractor shall obtain Substantial Completion of the Work within three hundred (300) days of the Notice to Proceed being issued by the Town. Final Completion must obtain Final Completion within thirty (30) days after obtaining Substantial Completion. The Contract shall remain in effect until the expiration of the Warranty period(s).

## **2.05 BOND REQUIREMENTS**

### **2.05-1 PERFORMANCE/PAYMENT BOND**

Contractor must within fourteen (14) calendar days of being notified of award, furnish a Performance/Payment containing all the provisions of the attached Performance/Payment forms.

The Performance and Payment Bonds ("Bonds") must be in the amount of one hundred percent (100%) of the Contract value guaranteeing to Town the completion and performance of the Work covered in the Contract as well as full payment of all suppliers, laborers, or subcontractors employed pursuant to this Project(s).

Each Bond must continue in effect for one year after Final Completion and acceptance of the Work with liability equal to one hundred percent (100%) of the Contract value, or an additional bond must be conditioned that Contractor will, upon notification by Town, correct any defective or faulty work or materials which appear within one year after Final Completion of the Project.

The Town must be listed as an Obligee.

Pursuant to the requirements of Section 255.05(1)(a), Florida Statutes, as may be amended from time to time, Contractor must ensure that the bond(s) referenced above must be recorded in the public records and provide Town with evidence of such recording.

#### **Alternate Form of Security:**

In lieu of the Bonds, Contractor may furnish alternate forms of security, which may be in the form of cash, money order, certified check, cashier's check or an unconditional letter of credit. Such alternate forms of security will be subject to the prior approval of Town and for same purpose and will be subject to the same conditions as those applicable above and will be held by Town for one year after completion and acceptance of the Work.

### **2.05-2 SURETY QUALIFICATIONS**

Each required Bond must be executed by a surety company of recognized standing, authorized to do business in the State of Florida as surety, having a resident agent in the State of Florida and having been in business with a record of successful continuous operation for at least five (5) years.

The Surety must hold a current certificate of authority as acceptable surety on federal bonds in accordance with United States Department of Treasury Circular 570, Current Revisions. If the amount of the Bond exceeds the underwriting limitation set forth in the circular, in order to qualify, the net retention of the Surety must not exceed the underwriting limitation in the circular, and the excess risks must be protected by coinsurance, reinsurance, or other methods in accordance with Treasury Circular 297, revised September 1, 1978 (31 DFR Section 223.10, Section 223.111). Further, the Surety must provide Town with evidence satisfactory to Town, that such excess risk has been protected in an acceptable manner.

The Town will accept a surety bond from a company with a rating of "B+" or better and a Financial Size Category of "Class II", provided, however, that if any surety company appears on the watch list that is published quarterly by Intercom of the Office of the Florida Insurance Commissioner, the Town will review and either accept or reject the surety company based on the financial information available to the Town. A surety company that is rejected by the Town may be substituted by the Bidder with a surety company acceptable to the Town, only if the Bid amount does not increase.

## **2.06 PRELIMINARY STEPS**

### **2.06-1 CONTRACTOR'S PRE-START REPRESENTATION**

Contractor represents that it has familiarized itself with and assumes full responsibility for having familiarized itself with the nature and extent of the Contract Documents, Work, location of the Work, all local conditions, and any federal, state, county, and local laws, ordinances, rules and regulations that may, in any manner, affect performance of the Work, and represents that it has combined its inspections and observations with the requirements of the Contract Documents. Contractor further represents that it has studied all surveys, document, and reports of including those of any subsurface and latent physical conditions referred to in the specifications and made such additional inspections and investigations as it deems necessary for the performance of the Work and that he has coordinated the results of all such data, inspections, and investigations with the requirements of the Contract Documents.

### **2.06-2 PRE-CONSTRUCTION CONFERENCE**

Within fourteen (14) calendar days after Contractor execution of the Contract by the Town, and before any Work is performed at the Project site, a pre-construction conference will be held. Prior to this meeting the Contractor should have submitted its Project Schedule and Schedule of Values, so they and other details of the project can be discussed.

### **2.06-3 PROJECT SCHEDULE**

Contractor must submit a proposed Project schedule as follows:

1. Schedule identifying the schedule for each location. The proposed Project schedule must be submitted within ten (10) calendar days of the Notice of Award and such submittal will be subject to the Project Manager's review. Subsequent to such review of said schedule the Contractor will establish said schedule as the baseline schedule.
2. All updates of schedules must be tracked against the baseline schedule and must be at a minimum submitted with each pay application. An updated schedule against the baseline must also be submitted upon execution of each change order that impacts the Contract Documents Time for completion. Failure to submit such schedules will result in the rejection of any submitted payment application.
3. All Project Schedules must be prepared in Microsoft Project 2007 or earlier unless otherwise approved by the Project Manager. At the time of submission of schedules, Contractor must submit a hard copy as well as an electronic version. Electronic versions must not be submitted in a .pdf format.

In addition to the Project Schedule the Contractor must provide a two (2) week look-ahead schedule that reflects the Work to be performed during the two (2) week period. The look-ahead schedule must be provided to the Project Manager and Consultant every other Thursday prior to the start of the two-week period. This schedule will, at a minimum, include the area(s) where Work is to be performed and the Work to be performed in the area(s).

### **2.06-4 SCHEDULE OF VALUES**

The Contractor must submit two copies of a Schedule of Values, which must be submitted within ten (10) calendar days of the issuance of the Notice of Award. The Schedule of Values shall indicate a complete breakdown of labor and material of all categories of Work on the Project. Contractor's overhead and profit should be listed as separate line items. Each line item must be identified with

the number and title of the major specification section or major components of the items. The Project Manager may require further breakdown after review of the Contractor's submittal. The Town reserves the right to require such information from the Contractor as may be necessary to determine the accuracy of the Schedule of Values. The combined total value for mobilization under the Schedule of Values shall not exceed 5% of the value of the Contract.

The accepted Schedule of Values must be incorporated into the Contractor's payment application form.

#### **2.06-5 CONSTRUCTION PHOTOGRAPHS**

Prior to commencement of the Work the Contractor must take digital photographs and color audio-video recording to document existing conditions and submit copies in an acceptable format to the Town prior to commencement of the Work. Contractor must submit with each application for payment photographs that accurately reflect the progress of all aspects of the Work. The number of photographs to be taken will be based on the magnitude of the Work being performed. Contractor must submit one copy of each photograph in print and digitally. The photographs must be printed on 8" X 10" high resolution glossy commercial grade and weight color photographic print paper or in a format acceptable to the Town. Each photograph must be imprinted on its face with the title of the Project, the date, and time the picture was taken. Digital photographs must be taken using .jpeg format and will be submitted on a CD-ROM or flash drive clearly identifying the name of the Project, the name of the Contractor, and the timeframe in which the pictures were taken. Initial set up prints will be submitted in a three-ring binder with each picture protected by a clear plastic sleeve. Subsequent prints are to be submitted in clear plastic sleeves that can be added to the binder. The three-ring binder must be of such size to be able to hold all print pictures.

#### **2.06-6 STAGING SITE**

The Contractor is solely responsible for making all arrangements for any staging site(s) that may be necessary for the performance of the Work and the Contractor is responsible for all site security, including any fencing of the site, and any loss, damage or theft to its equipment and materials. Any fencing of the Staging Site is subject to the prior written approval of the Project Manager.

The Town at its sole discretion may make a staging site available for use by the Contractor. If such site is made available by the Town, the Town assumes no responsibility or liability, and the Contractor will be responsible for any loss, damage or theft to its equipment and materials. The Contractor is also responsible for restoring the site to its pre-existing condition prior to the Contractor's use of the site.

The Contractor may be required to provide or may choose to use an office trailer for the duration of the Project. The Project Manager will authorize the use of any office trailer and the placement location for the office trailer. The Contractor must obtain all required permits from the appropriate regulatory agencies.

No parking is permitted in the Staging Site without the prior written approval of the Project Manager.

#### **2.06-7 PROJECT SIGNAGE**

Contractor must furnish and install two (2) Project sign at the Project Site in accordance with the requirements provided by the Project Manager.



#### **2.06-8 COORDINATION WITH TOWN RESIDENTS**

Contractor will, be responsible to provide written notification to the Town residents impacted by the Work at least seven (7) days prior to the commencement of the Work. Notification shall be made using a flyer, in a format acceptable to the Project Manager, and must be delivered by mail or by personal delivery. Contractor must maintain a record of the date(s) of notification and provide such information to the Project Manager. Contractor must not commence Work until notification to residents is provided in a manner acceptable to the Town. Contractor must also coordinate with the residents all Work that impacts residents' driveway approaches. Additionally, the Contractor may be required to attend resident informational meetings.

#### **2.07 INSPECTION OF THE WORK**

The Project Manager, other Town representatives, and inspectors representing the Town and other public entities having jurisdiction over the Work must at all times have access to the Work

Should the Contract Documents, or any laws, ordinances, or any public authority require any of the Work to be tested, Contractor must provide timely notice of readiness of the Work for testing and timely notice must be given of the date fixed for such testing so that the appropriate representatives of the Town, DERM, or other entities can be present for such testing. Contractor will be responsible for making arrangements for all tests and for all associated costs for all required testing. The original copies of all testing reports are to be sent directly to the Project Manager by the testing firm, with a copy to the Contractor.

The Town, at its sole discretion may conduct testing in addition to the required testing. In such instances the Town will pay all testing costs unless the tests determine that the material, Work, or equipment is not compliant with the requirements of the Contract Documents. In such instances the Contractor must reimburse the Town for all incurred testing costs and the Contractor will be responsible for any costs associated with re-testing to ensure compliance.

Inspectors have no authority to permit deviations from, or to relax any of the provisions of the Contract Documents or to delay the Work by failure to inspect the materials and Work with reasonable promptness without the written permission or instruction of Project Manager

#### **2.08 UNCOVERING FINISHED WORK**

The Project Manager's right to make inspections includes the right to order the Contractor to uncover or take down portions of finished Work. The Project Manager will notify the Contractor in writing concerning all uncovered finished Work. Should the Work prove to be in accordance with the Contract, the uncovering or taking down and the replacing and the restoration of the parts removed will be treated as additional Work for the purpose of computing additional compensation and an extension of time. Should the Work examined prove unsatisfactory, such uncovering, taking down, replacing and restoration will be at the expense of the Contractor. Such expenses will also include repayment to the Town for any and all expenses or costs incurred by it, including employee salaries or related cost, in connection with such uncovering, taking down, replacing and restoration at the Project site.

#### **2.09 SITE ISSUES**

##### **2.09-1 SITE INVESTIGATION AND REPRESENTATION**

It is the responsibility of the Contractor to satisfy itself as to the nature and location(s) of the Work prior to commencement of Work on the site, the general and local conditions, particularly those bearing upon availability of installation, transportation, disposal, handling and storage of

materials, and all other matters which can in any way affect the Work or the cost thereof under the Contract Documents.

Work site(s) may have existing utilities, such as, but not limited to, irrigation, phone, water and sewer, CATV, traffic signals, electrical, and storm sewer. Known utilities and structures adjacent to or encountered in the Work will be shown on the Drawings. The locations shown are taken from existing records and the best information available from existing plans and utility investigations; however, it is expected that there may be some discrepancies and omissions in the locations and quantities of utilities and structures shown. Those shown are for the convenience of the Contractor only, and no responsibility is assumed by the Town for their accuracy or completeness. No request for additional compensation or Contract time resulting from encountering utilities not shown will be considered.

It is the responsibility of the Contractor to verify the location of all such utilities, structures, etc., by hand excavation or other appropriate measures before performing any Work. The Contractor must call Sunshine State One Call of Florida, Inc. and other appropriate agencies, as applicable, prior to the commencement of any excavation or digging to determine the locations of existing utilities prior to the commencement of any Work. The Contractor is responsible for any and all claims resulting from the damage caused to any utilities, identified or not.

Should the Contractor identify any utilities, structures, etc., which will or may be encountered during the performance of the Work, the Town must be consulted immediately in order for a decision to be made on the potential relocation or other action(s) to be taken as it relates to the work.

Should the Town direct the Contractor to relocate any utilities that would be impacted by any Work then the Town will compensate the Contractor for such relocation in accordance with the Change Order provisions of the Contract.

The Contractor will not purposefully disrupt or disconnect any type of utility whatsoever without first obtaining the prior written approval of the Town or applicable utility owner. Requests for any disconnection, including those required of other utilities must be in writing and received by the Town at least seventy-two (72) hours prior to the time of the requested interruption. The Town may require that the Contractor notify, in writing, any property owners to be impacted by service interruptions to their utilities.

Any failure by the Contractor to familiarize itself with any utilities that may impact the performance of the Work will not relieve Contractor from responsibility for properly estimating the difficulty or cost of performing the Work and will not entitle the Contractor to any additional compensation.

#### **2.09-2 METHOD OF PERFORMING THE WORK**

The apparent silence of the Contract Documents as to any detail, or the apparent omission from them of a detailed description concerning any Work to be done and materials to be furnished, will be regarded as meaning that only the best general practice is to prevail and that only material and workmanship of the best quality is to be used, and interpretation of the Contract Documents will be made upon that basis.

The Contractor must comply with the manufacturer's requirements for the handling, delivery and storage of all equipment and materials. Contractor must inspect all equipment and materials immediately prior to installation and must not install any damaged or defective items.

Contractor must comply with the manufacturer's applicable instructions and recommendations for the performance of the Work, to the extent that these instructions and recommendations are more explicit or more stringent than requirements indicated in the Contract Documents.

The Contractor must familiarize itself with normal Town operations where the Work is to be performed so that it can conduct the Work in the best possible manner to the complete satisfaction of the Project Manager.

The Work to be performed must be done in such a manner so as not to interfere with the normal Town operations. The manner in which the Work is performed will be subject to the approval of the Project Manager, whom if necessary, will have the authority to require changes in the manner in which the Work is performed. There must be no obstruction of Town services without the prior written approval of the Project Manager. All requests for such interruption or obstruction must be given in writing to the Project Manager twenty-four (24) hours in advance of the interruption of Town operations.

If the Project Manager or Consultant reasonably determines the rate of progress of the Work is not such as to ensure its completion within the designated completion time, or if, in the opinion of the Project Manager, the Contractor is not proceeding with the Work diligently or expeditiously or is not performing all or any part of the Work according to the Project schedule accepted by or determined by the Project Manager, the Project Manager will have the right to order the Contractor to do either or both of the following: (1) improve its work force; and/or (2) improve its performance in accordance with the schedule to ensure completion of the Project within the specified time. The Contractor must immediately comply with such orders at no additional cost to the Town. (3) The Town at its sole option may also have Work performed by a third-party contractor and deduct such cost from any monies due the Contractor.

Where materials are transported in the performance of the Work, vehicles must not be loaded beyond the capacity recommended by the vehicle manufacturer or permitted by Federal, State or local law(s). When it is necessary to cross curbing or sidewalks, protection against damage must be provided by the Contractor and any damaged curbing, drainage, grass areas, sidewalks or other areas must be repaired at the expense of the Contractor to the satisfaction of the Project Manager.

Contractor is responsible to control dust and prevent it from becoming a public nuisance or causing off-site damage. Contractor must take all necessary and prudent measure to control dust.

Depending on the nature of the Work the Project Manager may require a staging plan be submitted to and approved by the Project Manager prior to the start of construction and issuance of the Notice to Proceed. Such staging plan must be revised and resubmitted as necessary during construction.

### **2.09-3 DIFFERING SITE CONDITIONS**

In the event that during the course of the Work on a Project the Contractor encounters subsurface or concealed conditions at the Project site which differ materially from those shown in the Contract Documents, and from those ordinarily encountered and generally recognized as inherent in work of the character called for in the Contract Documents, Contractor, without disturbing the conditions and before performing any Work affected by such conditions, must, within twenty-four (24) hours of its discovery, notify the Project Manager and/or Consultant in writing of the existence of the aforesaid conditions. Project Manager or the Consultant must, within two (2) business days after receipt of Contractor's written notice, investigate the site conditions identified

by Contractor. If, in the sole opinion of Project Manager or the Consultant, the conditions do materially so differ and cause an increase or decrease in Contractor's cost of, or the time required for, the performance of any part of the Work, whether or not charged as a result of the conditions, Project Manager or Consultant will recommend an equitable adjustment to cost of the Work or the time to complete the Work, or both. If the Project Manager and Contractor cannot agree on an adjustment in the Contract Price and/or Contract Time, the adjustment will be referred to the Town's Procurement Manager for determination. Should the Town's Procurement Manager determine that the conditions of the Project site are not so materially different to justify a change in the terms of the Contract Documents, the Procurement Manager will so notify the Project Manager, Consultant, and Contractor in writing, stating the reasons, and such determination will be final and binding upon the parties hereto.

No request by Contractor for an equitable adjustment to the Contract Documents under this provision will be allowed unless Contractor has given written notice in strict accordance with the provisions of this Article. No request for an equitable adjustment or changes to the Contract Price or Contract Time for differing site conditions will be allowed if made after the date certified by Consultant or Project Manager as the date of substantial completion.

#### **2.09-4 PROTECTION OF PROPERTY, UTILITIES, AND THE PUBLIC**

The Contractor must continuously maintain adequate protection of all its Work from all losses or damage and must protect public and private property, and utilities from injury or loss arising in connection with the Work, and take all necessary precautions to prevent accidents, injuries, or damage to persons or property on or near the Work.

Contractor is solely responsible to restore all areas impacted by the Work, including but not limited to swale areas, existing structures, driveways and approaches, landscaping, drainage, and lighting to pre-existing conditions to the satisfaction of the Project Manager.

#### **2.09-5 CONTRACTOR'S RESPONSIBILITY FOR UTILITY PROPERTIES AND SERVICE**

Where the Contractor's operations could cause damage or inconvenience to telephone, fiber optic, television, electrical power, oil, gas, water, sewer, or irrigation systems, the Contractor must make all arrangements necessary for the protection of these utilities and services or any other known utilities.

Notify all utility companies that are affected by the construction operation at least forty-eight (48) hours in advance. Under no circumstance expose any utility without first obtaining permission from the appropriate agency. Once permission has been granted, locate, expose, and provide temporary support for all existing underground utilities and utility poles where necessary.

The Contractor and its Subcontractors will be solely and directly responsible to the owner and operators of such properties for any damage, injury, expense, loss, inconvenience, delay, suits, actions, or claims of any character brought because of any injuries or damage which may result from the construction operations under the Contract Documents.

Neither the Town nor its officers or agents will be responsible to the Contractor for damages as a result of the Contractor's failure to protect property encountered in the Work.

In the event of interruption to domestic water, sewer, storm drain, or other utility services as a result of accidental breakage due to construction operations, Contractor must promptly notify the owner, any required regulatory authority, and the Project Manager. Cooperate with said authority in restoration of service as promptly as possible and bear all costs of repair and any

required interim measures to ensure safety. In no event will interruption of any utility service be allowed unless granted by the owner of the utility.

In the event water service lines that interfere with trenching are encountered, the Contractor may, by obtaining prior approval of the water utility, cut the service, dig through, and restore the service with similar and equal materials at the Contractor's expense and as approved by the Project Manager.

Replace, with material approved by the Project Manager or Consultant, at Contractor's expense, any and all other laterals, existing utilities or structures removed or damaged during construction, unless otherwise provided for in the Contract Documents and as approved by the Project Manager or Consultant.

Replace with material approved by the Project Manager or Consultant, at Contractor's expense, any existing utilities damaged during the Work.

#### 2.09-6 ACCESS TO WATER AND UTILITIES

The Contractor is responsible for providing all water and power required for the performance of the Work, including the use of a generator. The use of a generator may be subject to the prior approval of the Town's representative should the Work be in a primarily residential neighborhood. Electrical power required during construction shall be installed by a qualified electrical contractor approved by the Project Manager.

The Town may at its sole discretion provide access to Town utilities or water should such be available at the Work site. However, the Contractor is responsible to ascertain the location and accessibility of any utilities and potable water sources necessary to perform the Work.

#### 2.09-7 COORDINATION OF THE WORK

Prior to the commencement of the Work, the Project Manager will make every effort, based on available information, to notify the Contractor of any ongoing or scheduled project(s) that will be ongoing or commence during the Work on a Project that may require coordination. The Contractor will be solely responsible for coordinating the Work with any other project(s) to minimize any potential adverse impact. Contractor will not be entitled to any days of delay for failure to properly coordinate the Work. The Project Manager may assist the Contractor in coordinating the Work. However, any such assistance, or lack thereof will not form the basis for any claim for delay or increased cost.

If any part of Contractor's Work depends for proper execution or results upon the work of any other persons, Contractor must inspect and promptly report to Project Manager any defects in such work that render it unsuitable for such proper execution and results. Contractor's failure to so inspect and report will constitute an acceptance of the other person's work as fit and proper for the reception of Contractor's Work, except as to defects which may develop in other contractor's work after the execution of Contractor's Work.

Contractor must conduct its operations and take all reasonable steps to coordinate the prosecution of the Work so as to create no interference or impact on any other contractor on the site. Should such interference or impact occur, Contractor will be liable to the affected contractor for the cost of such interference or impact.

To ensure the proper execution of subsequent Work, Contractor must inspect the Work already in place and must at once report to Project Manager any discrepancy between the executed Work and the requirements of the Contract Documents.

#### 2.09-8 ACCESS TO THE PROJECT SITE(S)

Town will provide the lands upon which the Work is to be performed, rights-of-way and easements for access thereto and such other lands as are designated by Town for the use of Contractor.

Contractor must provide, at Contractor's own expense and without liability to the Town, any additional land and access thereto that may be required for temporary construction facilities, or for storage of materials. Contractor must furnish to the Town copies of written permission obtained by Contractor from the owners of such facilities.

#### 2.09-9 CLEANING UP; TOWN'S RIGHT TO CLEAN UP

Contractor must at all times keep the Work site(s) free from accumulation of excess materials, waste materials or rubbish caused by its operations. At the completion of Work at a work site(s), Contractor must remove all its excess materials, waste materials and rubbish from and about the Project(s) as well as any tools, equipment, machinery and surplus materials or supplies. If Contractor fails to clean up during the performance of the Work or at the completion of the Work, Town may do so and the cost incurred will be charged to the Contractor. Any combustible waste materials must be removed from the work site(s) at the end of each day.

Should the Contractor leave any open trenches at any time that Work is not being performed, the Town may have the open trenches covered and deduct any cost incurred from any outstanding payments due or to become due to the Contractor. The Town may also invoice the Contractor for all costs incurred in mitigating any open trenches.

#### 2.09-10 SANITARY PROVISIONS

The Contractor must provide on-site all necessary toilet conveniences, secluded from public observation, for use of all personnel on the Work, whether or not in its employ. Contractor must be kept in a clean and sanitary condition and must comply with the requirements and regulations of the public authorities having jurisdiction. Contractor must commit no public nuisance. Sanitary facilities must be removed by the Contractor at its own expense upon completion of the Work, and the premises must be left clean.

#### 2.09-11 MAINTENANCE OF TRAFFIC

Maintenance of Traffic ("MOT") must be performed in accordance with the applicable FDOT Index Numbers (600 Series) and as further stated herein. The manual on Uniform Traffic Control Devices for Streets and Highways (U.S. Department of Transportation, FHWA), must be followed in the design, application, installation, maintenance and removal of all traffic control devices, warning devices and barriers necessary to protect the public and workmen from hazards with the Project limits. Pedestrian and vehicular traffic must be maintained and protected at all times.

Prior to commencement of the Work Contractor must provide the Project Manager the proposed MOT plan for review. The Project Manager may require revisions to the proposed MOT plan. The MOT plan must be updated by the Contractor every two weeks.

Failure by the Contractor to comply with the Maintenance of Traffic requirements will result in the Town issuing a stop work order until corrective action is taken. The Contractor will not be entitled to any additional time resulting in any delays due to issuance of a stop work order.

## **2.09-12 WORK IN STREET, HIGHWAY, & OTHER RIGHTS-OF-WAY**

Excavation, grading, fill, storm drainage, paving and any other construction or installations in rights-of-way of streets, highways, public carrier lines, utility lines either aerial, surface or subsurface, etc., must be done in accordance with requirements of the Contract Documents or, if not mentioned, must be restored to their original condition or better. All Work performed is subject to the approval of the Project Manager.

## **2.09-13 HURRICANE PREPAREDNESS**

During such periods of time as are designated by the United States Weather Bureau or Miami Dade County as being a severe weather event, including a hurricane watch or warning, the Contractor, at no cost to the Town, must take all precautions necessary to secure any Work in response to all threatened storm events, regardless of whether the Contractor has given notice of same, in accordance with the Miami-Dade County Code.

Compliance with any specific severe weather event or alert precautions will not constitute additional work.

Suspension of the Work caused by a threatened or actual storm event, regardless of whether the Town has directed such suspension, will entitle the Contractor to additional Contract time as non-compensable, Excusable Delay, and will not give rise to a claim for compensable delay.

## **2.10 SAFETY ISSUES**

### **2.10-1 SAFETY PRECAUTIONS**

Contractor is solely responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the Work. Contractor must take all necessary precautions for the safety of, and must provide the necessary protection to prevent damage, injury or loss to:

1. All employees on the Project site and other persons who may be affected thereby;
2. All the Work and all materials or equipment to be incorporated therein, whether in storage on or off the Project site; and
3. Other property at the Project site or adjacent thereto, including trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of construction.

The Contractor must take all necessary precautions for the safety of employees in the performance of the Work on, about or adjacent to the premises, and must comply with all applicable provisions of Federal, State, and local laws, including, but not limited to the requirements of the Occupational Safety and Health Act of 1970, and amendments thereto, to prevent accidents or injury to persons on, about or adjacent to the premises where the Work is being performed. Contractor must notify owners of adjacent property and utilities when prosecution of the Work may affect them.

The Contractor must comply with the OSHA "Federal Right to Know" Regulation, 29 CFR 1910, 1915, 1917, 1918, and 1926, regarding informing employees of toxic substances in the workplace, providing training, and emergency procedures.

Contractor must adhere to applicable environmental protection guidelines for the duration of the Work. The Contractor must comply with all codes, ordinances, rules, orders and other legal requirements of public authorities (including OSHA, EPA, DERM, the Town, Miami-Dade County, State of Florida), which bear on the performance of the Work

All open trenches or holes must be properly marked and barricaded to assure the safety of both vehicular and pedestrian traffic. No open trenches or holes are to be left open during nighttime or non-working hours without the prior written approval of the Project Manager.

The Contractor must provide such equipment and facilities as are necessary or required, in the case of accidents, for first aid service to person who may be injured during the Project(s) duration.

Contractor's duties and responsibilities for the safety and protection of the Work must continue until such time as all the completion of the Contract.

#### 2.10-2 TRENCH SAFETY ACT

Pursuant to Chapter 90-96 (CS/SB 2626), Laws of Florida, "Trench Safety Act", any person submitting a Bid is required to comply with the requirements of the FLORIDA TRENCH SAFETY ACT (90-96, LAWS OF FLORIDA), Where a Project requires trenching the Contractor must complete the Trench Safety Act Form ("Form") and return the Form to the Project Manager before commencing any Work. Failure to submit said Form will result in the Contractor not being able to proceed with the Work and be potentially be in default of its Contract.

Any costs identified on the Form are not a pay item. The purpose of this form is to gather information on the costs associated with trench safety measures and to ensure that the Bidder has considered these costs and included them in its Bid prices. Failure to complete this form may result in the Bid being declared non-responsive.

#### 2.10-3 CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et. Seq and pursuant to the Federal Water Pollution Control Act, as amended 33 U.S.C. 1251 et seq.

The Contractor agrees to report each violation to the (name of the state agency) and understands and agrees that the (name of the state agency) will, in turn, report each violation as required to assure notification the Town, Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

The Contractor agrees to include these requirements in each subcontract exceeding \$100,00 financed in whole or in part with Federal assistance provided by FEMA.

#### 2.10-4 COMPLIANCE WITH THE COPELAND "ANTI-KICKBACK" ACT

- (1) Contractor. The Contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference in this Contract.
- (2) Subcontractor. The Contractor or Subcontractor shall insert in any subcontracts the clause above and such other clauses as the FEMA may be appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these Contract clauses.
- (3) Breach. A breach of the Contract clauses above may be grounds for termination of the Contract, and for debarment as a contractor and Subcontractor as provided in 29 C.F.R. § 512.



#### 2.10-5 BYRD ANTI-LOBBYING AMENDMENT, 31 U.S.C. § 1352

Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

#### 2.10-6 MATERIAL SAFETY DATA SHEETS

In compliance with Chapter 442, Florida Statutes, any toxic substance listed in Section 38F-41.03 of the Florida Administrative Code delivered as a part of the Project must be accompanied by a Material Safety Data Sheet (MSDS) which must be obtained from the manufacturer. The MSDS must include the following information:

1. The chemical name and the common name of the substance.
2. The hazards or other risks in the use of the substance, including:
  - a. The potential for fire, explosion, corrosion, and reaction;
  - b. The known acute and chronic health effects of risks from exposure, including the medical conditions which are generally recognized as being aggravated by exposure to the substance; and
  - c. The primary routes of entry and symptoms of overexposure.
3. The proper precautions, handling practices, necessary personal protective equipment, and other safety precautions in the use of or exposure to the substances, including appropriate emergency treatment in case of overexposure.
4. The emergency procedure for spills, fire, disposal, and first aid.
5. A description in lay terms of the known specific potential health risks posed by the substance intended to alert any person reading this information.

The year and month, if available, that the information was compiled and the name, address, and emergency telephone number of the manufacturer responsible for preparing the information.

### **2.11 CONTRACT WORK HOURS AND SAFETY STANDARDS ACT**

#### 2.11-1 COMPLIANCE WITH THE CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

- (1) Overtime Requirements. No Contractor or Subcontractor contracting for any part of the Contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty (40) hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty (40) hours in such workweek.
- (2) Violation; liability of unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1) of this section the Contractor and any

Subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such Contractor and Subcontractor shall be liable to the United States (in the case of work done under Contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guard, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 (ten dollars) for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty (40) hours without payment of the overtime wages required by the clause set forth in paragraph (1) of this section.

- (3) Withholding for unpaid wages and liquidated damages. The Town shall, upon its own action or upon written request of an authorize representative of the Department of Labor, withhold cause to be withheld, from any moneys payable on account of work performed by the Contractor or Subcontractor under any such Contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2) of this section.
- (4) Subcontracts. The Contractor or Subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1) through (4) of this section.

## **2.12 PLANS, DOCUMENTS, & RECORDS**

### **2.12-1 CONTRACTOR TO CHECK PLANS, SPECIFICATIONS, & DATA**

Contractor must verify all dimensions, quantities and details shown on any plans, specifications or other data received from Project Manager and must notify the Project Manager of all errors, omissions and discrepancies found therein within three (3) calendar days of discovery. Contractor will not be allowed to take advantage of any error, omission or discrepancy, as full instructions will be furnished to the Project Manager. Contractor will not be liable for damages resulting from errors, omissions or discrepancies in the Contract Documents unless Contractor recognized such error, omission or discrepancy and knowingly failed to report it to Project Manager.

### **2.12-2 SHOP DRAWINGS AND SUBMITTALS**

Contractor is required to submit shop drawings, sketches, samples or product data as required by the Contract Documents.

Contractor is responsible to submit such documents or samples in a timely manner for review by the Project Manager or Consultant. Shop Drawings are to be complete in every detail and clearly identify any deviation from what is required by the Contract Documents. It is the responsibility of the Contractor to submit sufficient information to allow the Project Manager and/or Consultant to properly evaluate and accept the submittal or shop drawing. Receipt of the shop drawings or submittals does not constitute acceptance

Incomplete or partial submittals will not be reviewed. All shop drawings for components of a system must be submitted together for them to be reviewed.

Where professional calculations or certification of performance criteria of materials, systems, and or equipment are required, the Project Manager or Consultant are entitled to rely upon the accuracy and completeness of such calculations and certifications submitted by the Contractor. Calculations, when required, must be submitted in a neat clear and easy format to follow.

Contractor is solely responsible for the accuracy of all shop drawings and submittals and any approval by Project Manager will in no way relieve the Contractor from said responsibility for full compliance with the Contract Documents.

#### 2.12-3 TOWN FURNISHED DRAWINGS, SUPPLEMENTAL DRAWINGS, & INSTRUCTIONS

The Town, in its sole discretion, may furnish design drawings. It is the sole responsibility of the Contractor to bring to the immediate attention of the Project Manager any discrepancies between the drawings and existing conditions, excluding hidden or unforeseen conditions, discovered prior to commencing and during the Work. The Contractor is solely responsible for verifying the accuracy of the drawings prior to commencing the Work and is responsible for any errors or revisions of the Work, which might have been avoided by notifying the Town prior to commencement. This also applies to any revisions or omissions identified by the Contractor. The Contractor must submit all requests for information entitled Request for Information (RFI).

During the performance of the Work, should any errors, omissions, conflicts, ambiguities or discrepancies be found in the drawings and/or specifications, the Project Manager or the Consultant will clarify in writing the intent of the drawings and the Contractor agrees to abide by the Project Manager's interpretation and perform the Work in accordance with the decision of the Project Manager. In such event, the Contractor will be held to have included in its Contract Price the best materials suitable for the purpose and methods of construction.

The Contractor will have no basis for any claim for additional costs resulting from their failure to identify any required revisions, omissions or errors, not identified in writing to the Project Manager prior to commencing the Work.

The Project Manager and Consultant has the right to approve and issue supplemental drawings and instructions setting forth written orders, instructions, or interpretations, provided such Supplemental drawings or instructions involve no change in the Contract price or this Contract time, unless a Change Order is issued in accordance with the Contract Documents.

#### 2.12-4 AS-BUILT DRAWINGS

During the Work, Contractor must maintain records of all deviations from the Drawings as approved by the Project Manager or Consultant and prepare two copies of As-Built Record Drawings showing correctly and accurately all changes and deviations made during construction to reflect the Work as it was actually constructed. It is the responsibility of the Contractor to check the As-Built Drawings for errors and omissions prior to submittal to the Town and to certify in writing that the As-Built Record Drawings are correct and accurate, including the actual location of all internal piping, electrical/signal conduits in or below the concrete floor. Indicate the size, depth and voltage in each conduit.

To record actual construction, Contractor must legibly mark on-site structures and site Work as follows:

1. Depths of various elements of foundation in relation to finish first floor datum.

2. All underground piping and ductwork with elevations and dimensions and locations of valves, pull boxes, etc. Changes in location. Horizontal and vertical locations of underground utilities and appurtenances referenced to permanent surface improvements. Actual installed pipe material, class, etc.
3. Location of internal utilities and appurtenances concealed in the construction, referenced to visible and accessible features of the structure. Air conditioning ducts with locations of dampers, access doors, fans and other items needing periodic maintenance.
4. Field changes in dimensions and details.
5. Changes made by Project Manager's or Consultant's written instructions or by Change Order.
6. Details not on original Contract Drawings.
7. Equipment, conduit, electrical panel locations.
8. Project Manager's or Consultant's schedule changes according to Contractor's records and shop drawings.

Specifications and Addenda: Legibly mark each section to record:

1. Manufacturer, trade name, catalog number and Supplier of each product and item of equipment actually installed.
2. Changes made by Project Manager's or Consultant's written instructions or by Change Order.

Approved Shop Drawings: Provide record copies for each process, equipment, piping, electrical system and instrumentation system.

As-built documents must be updated monthly as a condition precedent to payment. A final survey signed and sealed by a surveyor must be provided to the Town at no additional cost, including digital I (CAD and PDF) versions.

For construction of new building, or building additions, field improvements, and or roadway improvements as-built drawings must be signed and sealed by a Florida Licensed Registered Land Surveyor.

#### 2.12-5 RECORD SET

Contractor must maintain in a safe place one record copy and one permit set of the Contract Documents, including, but not limited to, all Drawings, Specifications, amendments, Change Orders, RFIs, and Field Directives, as well as all written interpretations and clarifications issued by the Project Manager, in good order and annotated to show all changes made during construction. The record documents must be continuously updated by Contractor throughout the prosecution of the Work to accurately reflect all field changes that are made to adapt the Work to field conditions, changes resulting from Change Orders, Construction Change Directives, and Field Directives as well as all written interpretations and clarifications, and all concealed and buried installations of piping, conduit and utility services. Contractor must certify the accuracy of the updated record documents. The record documents must be clean, and all changes, corrections and dimensions must be given in a neat and legible manner in red. Upon Final Completion and as a condition precedent to Contractor's entitlement to final payment, the Record Set must be delivered to the Project Manager by the Contractor. The Record Set of Drawing must be submitted in both hard copy and as electronic plot files.

## **2.13 CONTRACTOR RESPONSIBILITIES**

### **2.13-1 LABOR & MATERIALS**

Unless otherwise provided herein, Contractor must provide and pay for all materials, labor, water, tools, equipment, light, power, transportation and other facilities and services necessary for the proper execution and completion of the Work. All materials must be new unless otherwise specified in the Contract Documents.

The Contractor will provide competent, suitably qualified personnel to lay out the work and perform construction as required by the Contract Documents. He will at all times maintain good discipline and order at the site.

#### *Minimal Disturbance*

All Work done by the Contractor or any Subcontractor must be done with minimal disturbance to the residents of the Town. The noise level must be kept at reasonable levels. All Contractor personnel and Subcontractors must demonstrate and maintain a courteous and responsible demeanor toward all persons while conducting business in the Town. The Town reserves the right to require the Contractor to permanently remove personnel from Work under the Contract that fail to comply with the requirements of this section.

### **2.13-2 SUPERVISIONS OF THE WORK**

Contractor is responsible for all Project management, including any and all subcontracts necessary to ensure that the Work is performed in accordance with the Contract. Project Management includes, but is not limited to: obtaining bids from subcontractors and suppliers; coordinating the securing of all permits; obtaining licenses and inspections; ensuring that subcontractors comply with the requirements of the Contract; performing the Work in accordance with the Contract to the satisfaction of the Project Manager; paying all subcontractors; obtaining release of liens/claims fees; and obtaining temporary and final Certificates of Occupancy or Completion, as applicable.

Contractor must have a competent English-speaking supervisor ("Supervisor") who will represent the Contractor in the field and all directions given to the Supervisor will be as binding as if given to Contractor. Contractor will provide properly licensed personnel where such personnel are required by any rule, regulations, or law. Contractor and the Supervisor will give efficient and sufficient supervision to the Work, using their best skill and attention to ensure the Work is performed in accordance with the Contract Documents.

The Project Manager and the Contractor as necessary during the course of the Work to review and agree upon the Work performed and outstanding issues. The Contractor must publish, keep, and distribute minutes and any comments thereto of each such meeting.

### **2.13-3 RELEASE OF LIENS/SUBCONTRACTOR'S STATEMENT OF SATISFACTION**

The Contractor warrants and guarantees that title to all Work, materials and equipment covered by an Invoice, whether incorporated in the Project or not, will pass to the Town upon the receipt of payment by the Contractor, free and clear of all liens, claims, security interests or encumbrances and that no Work, materials or equipment will have been acquired by the Contractor or by any other person performing Work at the site or furnishing materials and equipment for the Project, subject to an agreement under which an interest therein or an encumbrance thereon is retained by the seller or otherwise imposed by the Contractor by a Subcontractor or supplier or any other interested party.

The Contractor must, starting with the second (2nd) Invoice, provide the Project Manager completed Partial or Final Releases of Lien/Subcontractor's Statement of Satisfaction Form for the Project. As an option the Contractor may also submit a Consent of Surety if a payment bond has been provided, authorizing the release of payment by the Surety. Failure to submit such documentation will result in rejection of the Invoice. The Contractor must use the Town's forms, which are available at the hyperlink provided in Article B9.01.

Conditional Release of Liens are not accepted by the Town.

#### **2.13-4 PROGRESS PAYMENTS**

Contractor may make application for payment for Work completed during the Project at intervals of not more than one invoice per month or upon completion and Final Acceptance of the Work. Contractor will be paid based on the line item breakdown, contained in the Bid Form, with payments based on actual Work performed. All applications shall be submitted in triplicate and the Contractor shall only use the Town's Contractor Payment Application Form or an invoice format approved by the Town. Supporting evidence to be included with any application for payment shall include, but is not limited to, an updated Project Schedule as required by Article B2.03 and a partial or final release of liens or consent of Surety relative to the Work, which is the subject of the application for payment and any other information required by the Project Manager. Each application for payment shall be submitted in duplicate for approval.

Ten percent (10%) of all monies earned by Contractor shall be retained by Town until Final Acceptance by the Town. Any interest earned on retainage shall accrue to the benefit of Town. All requests for retainage reduction shall be in writing in a separate stand-alone document.

The Town shall not pay more than five (5%) of the Total Contract price as mobilization should a schedule of values be required of the contractor

Town may withhold, in whole or in part, payment to such extent as may be necessary to protect itself from loss on account of:

1. Defective Work not remedied.
2. Claims filed or reasonable evidence indicating probable filing of claims by other parties against Contractor or Town because of Contractor's performance.
3. Failure of Contractor to make payments properly to Subcontractors or for material or labor.
4. Damage to another contractor not remedied.
5. Liquidated damages and costs incurred by Town and/or Consultant for extended construction administration.
6. Failure of Contractor to provide any and all documents required by the Contract Documents.

Contractor may be paid for materials or equipment purchased and stored at the Project(s) Site(s) or another location, subject to the sole discretion and approval of the Project Manager. Where a payment request is made for materials or equipment not incorporated in the Project but delivered and suitably stored at the site or at some other location agreed upon in writing, the written documentation must be submitted at the time of request for payment. Payment shall be conditioned upon submission by the Contractor of paid invoices and an executed Material Purchased/Stored On-Premises form to establish the Town's title to such materials or equipment, or otherwise protect the Town's interest, including applicable insurance in the name of Town and transportation to the Project site.

Contractor retains sole liability to replace such stored materials or equipment as a result of damage or loss for any reason.

#### **2.13-5 RETAINAGE & RELEASE**

Subsequent to the Project Manager determining that fifty (50%) percent of the Work has been completed the Contractor may submit a separate invoice requesting the release of 5% of the retainage withheld and submit a written request that future retainage be reduced to 5%. The Town at its sole discretion may determine that the request for release or reduction of the retainage should not occur.

Subsequent to Final Completion of the Project the Contractor may submit a separate invoice for the release of the retainage. The Town may withhold payment or any portion thereof to offset any fees or costs owed to the Town

#### **2.13-6 OWNERSHIP OF THE WORK**

The Contractor is solely responsible for all Work, until Final Completion of the Work. Contractor is liable for all damage, theft, maintenance, and safety until such time as the Town issues a notice of Final Completion.

### **2.14 LIQUIDATED DAMAGES**

The Contractor is obligated and guarantees to obtain Substantial and Final Completions of the Project within the timeframes established in the Contract or any approved extension of time the Contractor may be granted by the Town. In the event of a delay in completion beyond the timeframe set forth in the Contract for Substantial Completion, the Contractor must pay to the Town one thousand dollars (\$1,000) for each and every calendar day of Unexcused Delay, which is hereby agreed upon not as a penalty but as liquidated damages. In the event of a delay in completion beyond the timeframe set forth in the Contract for Final Completion, the Contractor must pay to the Town for each and every calendar day of unexcused delay, the sum of five hundred dollars (\$500) per calendar day, which is hereby agreed upon not as a penalty but as liquidated damages. The Contractor will be notified of any exceptions. The total amount of liquidated damages will not exceed the value of the Contract.

The Town has the right to deduct liquidated damages assessments from any payment due or which may thereafter become due to the Contractor under any contract the Contractor has with the Town. In case the amount available under contracts the Contractor has with the Town is less than the amount of liquidated damages due the Town, the Contractor must pay the difference upon demand by the Town. Should the Contractor fail to compensate the Town for any liquidated damages, the Town will consider this as a form of indebtedness and may deny any future Work under the Contract or any other Town contract until such indebtedness is paid in full to the Town.

The Town will notify the Contractor in writing that it is incurring liquidated damages.

### **2.15 REQUESTS FOR INFORMATION**

The Contractor must submit a Request for Information ("RFI") where the Contractor believes that the Contract Document's specifications are unclear or conflict. All requests must be submitted in a manner that clearly identifies the specification section or drawing detail, if furnished, where clarification or interpretation is being requested. As part of the RFI, Contractor must include its recommendation for resolution. The Town must respond in writing.

The RFI process is not intended to be used to correct defective Work performed by the Contractor. Solutions to correct defective Work, including means and methods are the sole responsibility of

the Contractor. Should the RFI process be utilized to correct defective Work, the Contractor may be required to reimburse the Town for any costs incurred by the Town in responding to the RFI. Such reimbursements will be taken as a deduction against any payments due the Contractor.

## **2.16 WARRANTY**

Contractor warrants to the Town that all materials and equipment furnished under the Contract will be new unless otherwise specified and that all of the Work will be of good quality, free from faults and defects and in conformance with the Contract Documents. All Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by the Project Manager, the Contractor must furnish satisfactory evidence as to the kind and quality of materials and equipment. This warranty is not limited by any other provisions within the Contract Documents.

All Work must have a one (1) year warranty on labor from the date of acceptance of the Work by the Town. Contractor must provide a minimum written warranty of one (1) year on all equipment, parts, or material unless the manufacturer provides a longer warranty. Where the manufacturer of the equipment, parts, or material provides a warranty greater than one (1) year or the time frame stipulated then the manufacturer's warranty term will take precedence. Contractor will be required to provide the Project Manager a copy of the manufacturer's warranty prior to the Town issuing final payment. Manufacturer's warranties will become effective upon Final Completion of the Project.

All material and equipment furnished must be fully guaranteed by the Contractor against factory defects and workmanship. At no expense to the Town, the Contractor will correct any and all apparent and latent defects that may occur within the manufacturer's standard warranty. The Contract Documents may supersede the manufacturer's standard warranty. Manufacturer's warranties will become effective upon Final Completion of the Project.

Should the Contractor fail to perform any required warranty work the Town, at its sole discretion, may have the work performed by others, and deduct such costs from any monies due the Contractor from the Town. Where such funds are not available, the Town will bill the Contractor and Contractor will reimburse the Town within thirty (30) calendar days. The Town may take any necessary and appropriate action provided under this Contract or with law to collect such payment due the Town.

## **2.17 SUBSTANTIAL COMPLETION, PUNCHLIST & FINAL COMPLETION**

The Work will be substantially complete when the Project Manager, in the reasonable exercise of his/her discretion determines that the Work is complete and there are no material or substantial variations from the Contract and the Work is fit for its intended purpose. Upon Substantial Completion, the Project Manager and the Contractor will sign the Substantial Completion Inspection Form. The signing of this form does not relieve the Contractor from its obligation to complete the Project.

When the Contractor believes that the Work is substantially complete, the Contractor must request in writing that the Project Manager or Consultant inspect the Work to determine if Substantial Completion has been achieved. Where the Work requires the Contractor to obtain a Certificate of Completion no request for Substantial Completion inspection is to be submitted until the Contractor has obtained the Certificate(s) of Completion. The Project Manager or Consultant will schedule the date and time for any inspection and notify the Contractor and any other parties deemed necessary. During this inspection, the Project Substantial Completion Inspection Form will be completed as necessary. Any remaining Construction Work must be



identified on this form and it will be known as Punch List Work. The Punch List must be signed by the Project Manager and the Contractor confirming that the Punch List contains the item(s) necessary to complete the Work. The failure or refusal of the Contractor to sign the Project Substantial Completion Inspection Form or Punch List will not relieve the Contractor from complying with the findings of the Project Substantial Completion Inspection and completing the Project to the satisfaction of the Town.

The Project Manager or Consultant, and the Contractor will agree on the time reasonably required to complete all remaining Work included in the Punch List.

Upon Substantial Completion and the receipt and acceptance of any required documentation, including warranty documents, the Project Manager will determine that a Project has achieved Final Completion and authorize final payment.

The acceptance of final payment will constitute a waiver of all claims by Contractor, except those previously made in strict accordance with the provisions of the Contract and identified by Contractor as unsettled at the time of the application for final payment.

## **2.18 ACCEPTANCE AND FINAL PAYMENT**

Upon receipt of written notice from Contractor that the Work is ready for final inspection and acceptance, Project Manager will, within ten (10) calendar days, make an inspection thereof. If Project Manager find the Work acceptable, the requisite documents have been submitted and the requirements of the Contract fully satisfied, and all conditions of the permits and regulatory agencies have been met, a Final Certificate for Payment will be issued by Project Manager, stating that the requirements of the Contract have been performed and the Work is ready for acceptance under the terms and conditions thereof.

Before issuance of the Final Certificate for Payment, Contractor must deliver to the Project Manager a final release of all liens arising out of the Contract, receipts in full in lieu thereof; an affidavit certifying that all suppliers and subcontractors have been paid in full and that all other indebtedness connected with the Work has been paid, and a consent of the surety to final payment; the final corrected as-built drawings; operations and maintenance data, and the final bill of materials, if required, and payment application. Contractor must deliver the written Contractor's and all Manufacturer's warranties prior to issuance of the final invoice.

If, after the Work has been substantially completed, full completion thereof is materially delayed through no fault of Contractor, and Project Manager so certifies, Town will, upon such certification of Consultant, and without terminating the Contract, make payment of the balance due for that portion of the Work fully completed and accepted. Such payment will be made under the terms and conditions governing final payment, except that it will not constitute a waiver of claims.

The acceptance of final payment will constitute a waiver of all claims by Contractor, except those previously made in strict accordance with the provisions of the Contract and identified by Contractor as unsettled at the time of the application for final payment.

## **2.19 NPDES REQUIREMENTS**

Contractor must comply with the State of Florida rules and regulations for the National Pollutant Discharge Elimination System (NPDES) including but not limited to all permitting, Notices of Intent, and the Storm Water Pollution Prevention Plan (SWPPP). All costs for NPDES and SWPPP must be included in the Bid price. For further information on compliance requirements for NPDES and SWPPP visit the State of Florida website at

<http://www.dep.state.fl.us/water/stormwater/npdes/>. Contractor is responsible for obtaining, completing and paying for any required NPDES application or permits that may be required.

**SIGNATURE PAGE FOLLOWS**

DRAFT

**CONTRACT EXECUTION FORM**

This Contract **2020-11** made this \_\_\_\_ day of \_\_\_\_\_ in the year **20**\_\_ in the amount of \$\_\_\_\_\_ by and between the Town of Miami Lakes, Florida, hereinafter called the "Town," and RG Underground Engineering, Inc.

IN WITNESS WHEREOF, the parties have executed this Agreement as of the day and year first above written.

Attest:

**TOWN OF MIAMI LAKES**

By: \_\_\_\_\_  
Gina Inguanzo, Town Clerk

By: \_\_\_\_\_  
Edward Pidermann, Town Manager

By: \_\_\_\_\_  
Town Attorney

Signed, sealed and witnessed in the presence of:

**AS TO CONTRACTOR:**

\_\_\_\_\_  
Contractor's Name

By: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**CORPORATE RESOLUTION**

WHEREAS, \_\_\_\_\_, Inc. desires to enter into a contract with the Town of Miami Lakes for the purpose of performing the work described in the contract to which this resolution is attached; and

WHEREAS, the Board of Directors at a duly held corporate meeting has considered the matter in accordance with the By-Laws of the corporation;

Now, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS that the \_\_\_\_\_,  
(type title of officer)

\_\_\_\_\_, is hereby authorized  
(type name of officer)

and instructed to enter into a contract, in the name and on behalf of this corporation, with the Town of Miami Lakes upon the terms contained in the proposed contract to which this resolution is attached and to execute the corresponding performance bond.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_  
Corporate Secretary

(Corporate Seal)

**FORM OF PERFORMANCE BOND** (Page 1 of 2)

BY THIS BOND, We \_\_\_\_\_, as Principal, hereinafter called Contractor, and \_\_\_\_\_, as Surety, are bound to the Town of Miami Lakes, Florida, as Obligee, hereinafter called Town, in the amount of \_\_\_\_\_ Dollars (\$\_\_\_\_\_) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written agreement entered into a Contract, No. **2019-19**, awarded the \_\_\_\_\_ day of \_\_\_\_\_, **20**\_\_\_\_, with Town which Contract Documents are by reference incorporated herein and made a part hereof, and specifically include provision for liquidated damages, and other damages identified, and for the purposes of this Bond are hereafter referred to as the "Contract";

THE CONDITION OF THIS BOND is that if Contractor:

1. Performs the Contract between Contractor and Town for Royal Oaks Drainage and Roadway Improvements Phases I & II, the Contract being made a part of this Bond by reference, at the times and in the manner prescribed in the Contract; and
2. Pays Town all losses, liquidated damages, expenses, costs and attorney's fees including appellate proceedings, that Town sustains as a result of default by Contractor under the Contract; and
3. Performs the guarantee of all Work and materials furnished under the Contract for the time specified in the Contract; then THIS BOND IS VOID, OTHERWISE IT REMAINS IN FULL FORCE AND EFFECT.
4. Whenever Contractor is, and declared by Town to be, in default under the Contract, and the Town having performed Town obligations hereunder, the Surety must promptly remedy the default, or must promptly:
  - 4.1. Complete the Project in accordance with the terms and conditions of the Contract Documents; or

**FORM OF PERFORMANCE BOND** (Page 2 of 2)

4.2. Obtain a bid or bids for completing the Project in accordance with the terms and conditions of the Contract, and upon determination by Surety of the lowest responsible Bidder, or, if Town elects, upon determination by Town and Surety jointly of the lowest responsible Bidder, arrange for a contract between such Bidder and Town, and make available as Work progresses (even though there should be a default or a succession of defaults under the Contract or Contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract Price; but not exceeding, including other costs and damages for which the Surety may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract Price," as used in this paragraph, means the total amount payable by Town to Contractor under the Contract and any amendments thereto, less the amount properly paid by Town to Contractor.

No right of action will accrue on this bond to or for the use of any person or corporation other than Town, as named herein.

The Surety hereby waives notice of and agrees that any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect Surety's obligation under this Bond.

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Contractor

WITNESSES:

\_\_\_\_\_  
(Name of Corporation)

\_\_\_\_\_  
Secretary

By: \_\_\_\_\_

(Signature)

(CORPORATE SEAL)

\_\_\_\_\_  
(Print Name and Title)

IN THE PRESENCE OF:

INSURANCE COMPANY:

By: \_\_\_\_\_

Agent and Attorney-in-Fact

Address: \_\_\_\_\_

(Street)

\_\_\_\_\_  
(City/State/Zip Code)

Telephone No.: \_\_\_\_\_

**FORM OF PAYMENT BOND** (Page 1 of 2)

BY THIS BOND, We \_\_\_\_\_, as Principal, hereinafter called Contractor, and \_\_\_\_\_, as Surety, are bound to the Town of Miami Lakes, Florida, as Obligee, hereinafter called Town, in the amount of \_\_\_\_\_ Dollars (\$\_\_\_\_\_) for the payment whereof Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

WHEREAS, Contractor has by written agreement entered into a **Contract No. 2019-19**, for the **Royal Oaks Drainage and Roadway Improvements Phases I & II**, awarded the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, with Town which Contract are by reference incorporated herein and made a part hereof, and specifically include provision for liquidated damages, and other damages identified, and for the purposes of this Bond are hereafter referred to as the "Contract";

THE CONDITION OF THIS BOND is that if Contractor:

1. Pays Town all losses, liquidated damages, expenses, costs and attorney's fees including appellate proceedings, that Town sustains because of default by Contractor under the Contract; and
2. Promptly makes payments to all claimants as defined by Florida Statute 255.05(1) for all labor, materials and supplies used directly or indirectly by Contractor in the performance of the Contract;

THEN CONTRACTOR'S OBLIGATION WILL BE VOID; OTHERWISE, IT WILL REMAIN IN FULL FORCE AND EFFECT SUBJECT, HOWEVER, TO THE FOLLOWING CONDITIONS:

- 2.1. A claimant, except a laborer, who is not in privity with Contractor and who has not received payment for its labor, materials, or supplies must, within forty-five (45) days after beginning to furnish labor, materials, or supplies for the prosecution of the Work, furnish to Contractor a notice that he intends to look to the bond for protection.
- 2.2. A claimant who is not in privity with Contractor and who has not received payment for its labor, materials, or supplies must, within ninety (90) days after performance of the labor or after complete delivery of the materials or supplies, deliver to Contractor and to the Surety, written notice of the performance of the labor or delivery of the materials or supplies and of the nonpayment.
- 2.3. No action for the labor, materials, or supplies may be instituted against Contractor or the Surety unless the notices stated under the preceding conditions (2.1) and (2.2) have been given.

2.4. Any action under this Bond must be instituted in accordance with the longer of the applicable Notice and Time Limitations provisions prescribed in Section 255.05(2), or Section 95-11, Florida Statutes.

The Surety hereby waives notice of and agrees that any changes in or under the Contract Documents and compliance or noncompliance with any formalities connected with the Contract or the changes does not affect the Surety's obligation under this Bond.

Signed and sealed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Contractor

ATTEST:

\_\_\_\_\_  
(Name of Corporation)

\_\_\_\_\_  
(Secretary)

By: \_\_\_\_\_  
(Signature)

(Corporate Seal)

\_\_\_\_\_  
(Print Name and Title)

\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

IN THE PRESENCE OF:

INSURANCE COMPANY:

\_\_\_\_\_  
By: \_\_\_\_\_  
Agent and Attorney-in-Fact

\_\_\_\_\_  
Address: \_\_\_\_\_  
(Street)

\_\_\_\_\_  
(City/State/Zip Code)

Telephone No.: \_\_\_\_\_



Exhibit "A"  
Fee Schedule



**RG UNDERGROUND ENGINEERING, INC**

14375 SW 120 ST

SUITE 104 MIAMI, FL 33186

PH: (305) 386-6293

FAX: (305) 386-5241

[OFFICE@RGUNDERGROUND.COM](mailto:OFFICE@RGUNDERGROUND.COM)

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RFP 2020-11

**WEST LAKES DRAINAGE AND ROADWAY IMPROVEMENTS PROJECT**

BID: 1/24/2020

**PRICE COMPONENT- PART B**

**RFP 2019-31**  
**Price Proposal**  
**West Lakes Drainage and Roadway Improvements Project**  
**Form PP**

The Proposer declares that it has fully reviewed the requirements of the RFP, and informed itself fully of the Scope of Work and all other conditions and circumstances pertaining to the work to be performed; and that this Proposal is submitted voluntarily and willingly.

The Proposer had determined based on its business and profession expertise that it can perform the work in accordance with the requirements of the RFP and the Contract.

The Proposer agrees, if its Proposal is accepted, to timely execute a contract with the Town, pursuant to the terms and conditions of the RFP and the Agreement.

The cost of construction stated below includes all costs to complete the work under the RFP and Contract except for the cost of permits, which shall be paid as a reimbursable expense from an allowance account established by the Town.

**Total Price Proposal Amount: \$ 2,196,917.25**

### Subcontractor Breakdown of the Price Proposal

The following information shall be provided for all of the Subcontractors listed under Exhibit 6, Subcontractor Utilization Form. This form is to include all tiers of Subcontractors. The Tier column is to be used to identify if they are a 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> etc. tier and who they are the sub-tier for if it is not the Successful Proposer. Add additional pages if required.

Name of Business	Value of the Work
<i>C &amp; R Milling &amp; Paving Inc</i>	\$156,000.00
<i>H &amp; J Asphalt, INC.</i>	\$143,000.00
	\$
	\$
	\$
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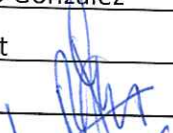
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.....

Company Name: RG Underground Engineering, Inc

Signatory's Name: Ricardo Gonzalez

Signatory's Title: President

Signatory's Signature: 

NOTE: This Form is to be submitted in a separate sealed envelope.



West Lakes Drainage and Roadway Improvements Project  
Sub-basins B, C, D, and E  
RFP 2020-11  
Form PS (Bid Form)

PAY ITEM NO.	DESCRIPTION	UNIT OF MEASUREMENT	QUANTITY	UNIT PRICE	TOTAL
ITEM-1	MOBILIZATION	LS	1.00	\$ 68,000.00	\$ 68,000.00
ITEM-2	MAINTENANCE OF TRAFFIC	LS	1.00	\$ 20,000.00	\$ 20,000.00
ITEM-3	SEDIMENT BARRIER	LF	13,275.00	\$ 1.00	\$ 13,275.00
ITEM-4	INLET PROTECTION SYSTEM	EA	101.00	\$ 40.00	\$ 4,040.00
ITEM-5	FRENCH DRAIN, 18"	LF	6,790.00	\$ 95.50	\$ 648,445.00
ITEM-6	PIPE CULVERT, HDPE, ROUND, 15"SD	LF	617.00	\$ 69.00	\$ 42,573.00
ITEM-7	PIPE CULVERT, HDPE, ROUND, 18"SD	LF	615.00	\$ 72.50	\$ 44,587.50
ITEM-8	PIPE CULVERT, DIP, ROUND, 18" SD	LF	613.00	\$ 127.00	\$ 77,851.00
ITEM-9	PIPE CULVERT, HDPE, ROUND, 24" SD	LF	198.00	\$ 90.00	\$ 17,820.00
ITEM-10	PIPE CULVERT, HDPE, ROUND, 30" SD	LF	20.00	\$ 112.00	\$ 2,240.00
ITEM-11	INLETS (MIAMI-DADE SD 2.2 & 2.3)	EA	40.00	\$ 2,930.00	\$ 117,200.00
ITEM-12	CORE DRILL (MODIFY) EXISTING STRUCTURE	EA	44.00	\$ 600.00	\$ 26,400.00
ITEM-13	MANHOLES, P-7, <10'	EA	65.00	\$ 3,690.00	\$ 239,850.00
ITEM-14	MANHOLES, J-7, <10'	EA	5.00	\$ 7,650.00	\$ 38,250.00
ITEM-15	MILLING EXIST ASPH PAVT, 1" AVG DEPTH	SY	14,115.50	\$ 2.90	\$ 40,934.95
ITEM-16	ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, FC-9.5, PG-76-22, 1"	TN	1,268.80	\$ 160.00	\$ 203,008.00
ITEM-17	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, 2"	TN	984.80	\$ 132.00	\$ 129,993.60
ITEM-18	TYPE B STABILIZATION	SY	8,953.00	\$ 2.75	\$ 24,620.75
ITEM-19	LIMEROCK BASE COURSE, 8" THICK (PRIMED)	SY	8,953.00	\$ 20.00	\$ 179,060.00
ITEM-20	CLEARING & GRUBBING	AC	0.11	\$ 82,000.00	\$ 9,020.00
ITEM-21	VALLEY GUTTER-CONCRETE (INCLUDE SAW-CUT)	LF	595.00	\$ 40.00	\$ 23,800.00
ITEM-22	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	474.00	\$ 6.15	\$ 2,915.10
ITEM-23	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONAL OR CHEVRON	LF	204.00	\$ 5.15	\$ 1,050.60
ITEM-24	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	1,012.00	\$ 3.35	\$ 3,390.20
ITEM-25	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF	250.00	\$ 1.65	\$ 412.50
ITEM-26	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	LF	254.00	\$ 3.40	\$ 863.60
ITEM-27	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	4,222.00	\$ 1.65	\$ 6,966.30
ITEM-28	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	6.00	\$ 135.00	\$ 810.00
ITEM-29	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	474.00	\$ 2.80	\$ 1,327.20
ITEM-30	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID FOR DIAGONAL OR CHEVRON, 18"	LF	204.00	\$ 2.25	\$ 459.00
ITEM-31	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12"	LF	1,012.00	\$ 1.50	\$ 1,518.00
ITEM-32	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	LF	250.00	\$ 0.65	\$ 162.50
ITEM-33	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP 6", 10-30 OR 3-9 SKIP,	LF	254.00	\$ 1.35	\$ 342.90
ITEM-34	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	LF	4,222.00	\$ 0.65	\$ 2,744.30
ITEM-35	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROW	EA	6.00	\$ 75.00	\$ 450.00
ITEM-36	RETRO-REFLECTIVE/RAISED PAVEMENT MARKERS	EA	262.00	\$ 10.75	\$ 2,816.50
			<b>SUB-TOTAL</b>		<b>\$ 1,997,197.50</b>
			<b>CONTINGENCY (10%)</b>		<b>\$ 199,719.75</b>
			<b>GRAND TOTAL</b>		<b>\$ 2,196,917.25</b>

### Certification – Trench Safety Act

The Bidder, by virtue of signing the Bid Form, affirms that the Bidder is aware of the Trench Safety Act, and will comply with all applicable trench safety standards. Such assurance shall be legally binding on all persons employed by the Bidder and Subcontractors.

The Bidder is also obligated to identify the anticipated method and cost of compliance with the applicable trench safety standards.

Bidder acknowledges that included in the various items of the proposal and in the total Bid price are costs for complying with the Florida Trench Safety Act. These items are a breakout of the respective items involving trenching and will not be paid separately. They are not to be confused with bid items in the schedule of prices, nor be considered additional Work.

The Bidder further identifies the costs and methods summarized below:

Description	Unit	Quantity	Unit Price	Extended Price	Method
trench box	LF	6,790	1.00	1.00	trench box

Total \$ \$6,790.00

The Bidder/Proposer shall acknowledge this Bid and certifies to the above stated IV by signing and completing the spaces provided below.

Firm's Name: RG Underground Engineering, Inc

Signature: \_\_\_\_\_

Printed Name/Title: Ricardo Gonzalez / President

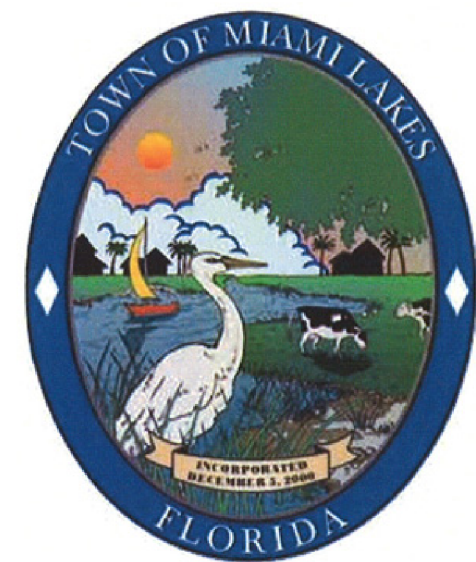
City/State/Zip: Miami, FL 33186

Telephone No.: 305-386-6293

E-Mail Address: office@rgunderground.com

**Exhibit “B”**  
**Plans and Specifications**





## UTILITY PROVIDERS

POWER:

Florida Power and Light  
6195 NW 82nd Avenue  
Miami, FL 33166  
Contact: Ms. Karessa Jackson  
Phone: (305) 626-7692

AT&T/ Distribution  
9101 SW 24th ST 1st Floor  
Miami, FL33165  
Contact: Mr. Jose Suarez  
Phone: (305) 222-8247

GAS:

Florida City Gas  
955 E 25th ST  
Hialeah, FL 33013  
Contact: Ms. Maria Lopez  
Phone: (786) 332-8913

## DESIGN TEAM

SURVEYOR:

Marlin Engineering, Inc.  
15802 SW 200th Street  
Miami FL 33187  
Phone: (305) 477-7575

GEOTECHNICAL ENGINEER:

Oracio Riccobono, P.E.  
5795-A NW 151st street  
Miami Lakes, FL 33014  
Phone: (305) 828-4367  
Fax: (305) 828-4235



## LOCATION MAP

COMMUNITY OFFICIALS  
Manny Cid, Mayor

Jeffrey Rodriguez, Councilmember  
Josh Dieguez, Councilmember  
Carlos O. Alvarez, Councilmember

Edward Piderman, Town Manager

## INDEX OF SHEETS

<u>SHEET #</u>	<u>SHEET TITLE</u>
C-100	COVER SHEET
C-200 TO C-201	GENERAL NOTES AND TABULATION OF QUANTITIES
C-300	PROJECT LAYOUT
C-301 TO C-306	DRAINAGE PLAN
C-307 TO C-309	ROADWAY AND DRAINAGE DETAILS
C-400 TO C-405	PAVING PLAN
C-500 TO C-505	SIGNING AND PAVEMENT MARKING PLAN
C-600	TRAFFIC CONTROL PLAN GENERAL NOTES
C-700	EROSION AND SEDIMENT CONTROL NOTE
C-701 TO C-706	EROSION AND SEDIMENT CONTROL PLAN
C-707	EROSION AND SEDIMENT CONTROL DETAIL



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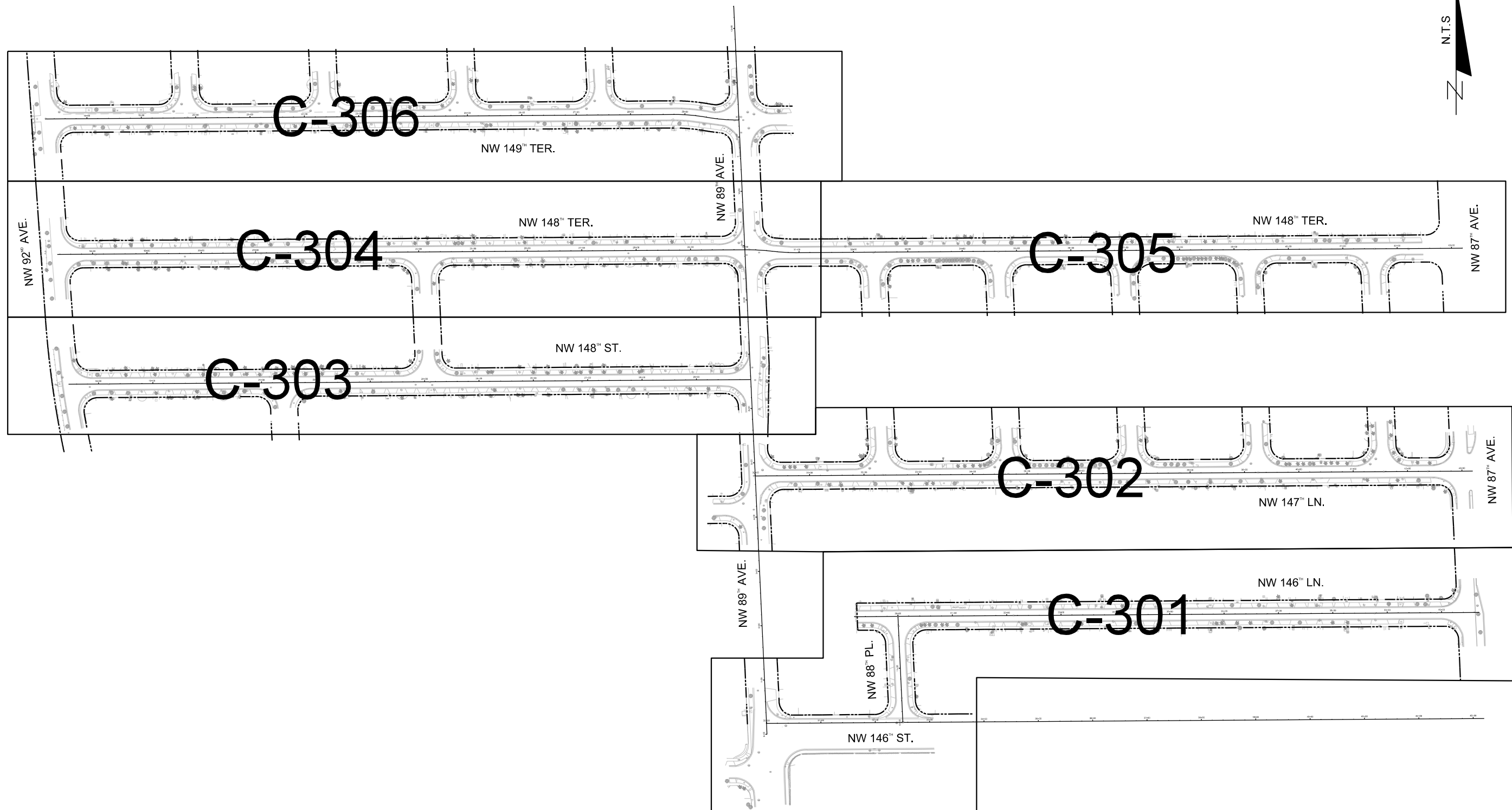
[www.callsunshine.com](http://www.callsunshine.com)


<div> <div> <div>REVISIONS</div> <div> <div>DESCRIPTION</div> <div>DATE</div> <div>BY</div> </div> <div> <div>DESCRIPTION</div> <div>DATE</div> <div>BY</div> </div> </div> <div> <div> <div>MARLIN ENGINEERING INC.</div> <div> <div>1700 NW 66th Avenue</div> <div>Plantation, Florida 33313</div> <div>(954) 870-5070 C.A. No. 6104</div> </div> <div> <div>Jose Santiago, P.E. No. 60248</div> <div>DESIGNED BY</div> <div>DRAWN BY</div> <div>CHECKED BY</div> </div> </div> <div> <div>NAME</div> <div>DATE</div> </div> </div> </div>						<div> <div>TOWN OF MIAMI LAKES</div> <div>DRAINAGE IMPROVEMENTS</div> </div>		<div> <div>COVER SHEET</div> <div>C-100</div> </div>		<div>SHEET NUMBER</div>
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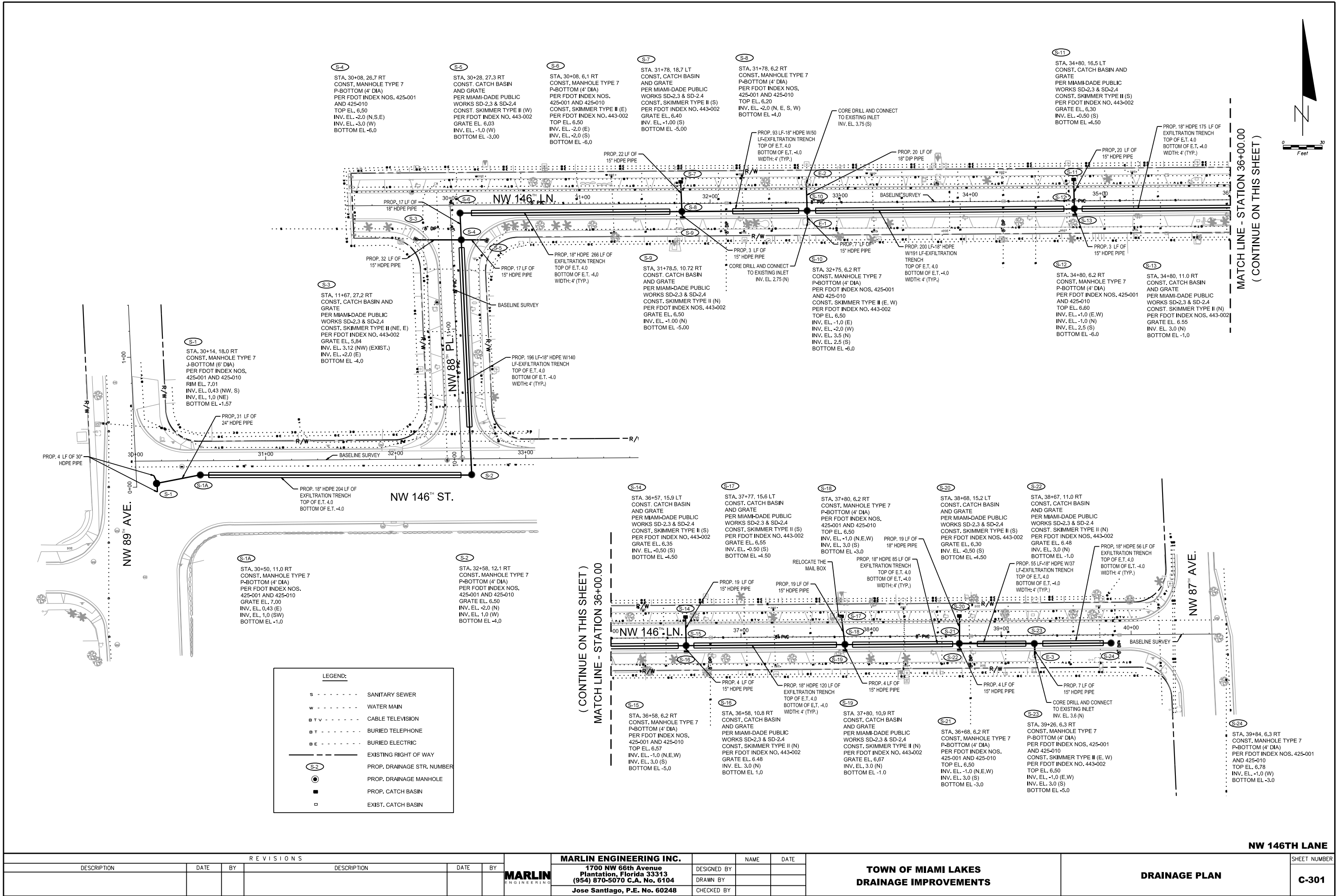
GENERAL NOTES									
1.	ALL MATERIALS AND CONSTRUCTION UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE LATEST STANDARDS, CODES AND SPECIFICATIONS OF THE MIAMI-DADE COUNTY WATER AND SEWER DEPARTMENT, FLORIDA DEPARTMENT OF TRANSPORTATION AND THE FLORIDA BUILDING CODE, CURRENT EDITION.	17.	THE CONTRACTOR SHALL TAKE SPECIAL NOTE OF SOIL CONDITIONS THROUGHOUT THIS PROJECT. ANY SPECIAL EQUIPMENT SHORING, SHEETING OR OTHER PROCEDURES NECESSARY TO PROTECT ADJACENT PROPERTY, EITHER PUBLIC OR PRIVATE, DURING EXCAVATION OF SUBSOIL MATERIAL OR DURING THE FILLING OF ANY AREA, OR FOR ANY OPERATION DURING CONSTRUCTION SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR AND PROVIDED AT NO ADDITIONAL COST TO THE OWNER.	37.	CONTRACTOR IS RESPONSIBLE TO REMOVE AND REINSTALL ALL BRICK OR PAVR DRIVEWAYS IMPACTED BY CONSTRUCTION. REPAIR OR REPLACE ALL ASPHALT, CONCRETE, OR STAMPED CONCRETE DRIVEWAYS IMPACTED BY CONSTRUCTION. ALL COST ASSOCIATED WITH THIS WORK SHALL BE INCLUDED AS PART OF THE LUMP SUM SWALE RESTORATION PAY ITEM.	49.	CONTRACTOR SHALL SAWCUT EXISTING ASPHALT NEATLY AND IN A STRAIGHT LINE PRIOR TO REMOVAL WHERE UNDER GROUND WORK IS REQUIRED (MIAMI DADE COUNTY SPECIFICATIONS). IF ADJACENT ASPHALT BASE IS DAMAGED, CONTRACTOR SHALL REMOVE DAMAGED ASPHALT AND REWORK EXISTING BASE AS DIRECTED BY ENGINEER.	SOIL EROSION, SEDIMENT, AND TURBIDITY CONTROL GENERAL NOTES	
2.	THE LOCATION OF EXISTING RIGHT-OF-WAY LINES, CENTERLINES, ROADWAY PAVEMENT, UTILITIES, TREES AND OTHER PHYSICAL ABOVE-GROUND FEATURES SHOWN ON THE PLANS WERE TAKEN FROM THE SPECIFIC PURPOSE SURVEYS PREPARED BY: MARLIN ENGINEERING, INC. 1700 NW 66TH AVE SUITE 106 PLANTATION, FLORIDA 33313 TEL: (954) 870-5070	18.	THE CONTRACTOR SHALL COORDINATE WITH UTILITIES TO ARRANGE RELOCATION AND TEMPORARY SUPPORT OF UTILITY FEATURES, ETC, AS NECESSARY TO COMPLETE THE WORK.	38.	THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT, EMPLOYEES OR THOSE OF HIS SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS.	50.	CONTRACTOR SHALL SAWCUT EXISTING CONCRETE SIDEWALK, CURB AND GUTTER AT THE NEAREST FLAG OR JOINT PRIOR TO REMOVAL OR AS DIRECTED BY ENGINEER. ANY DAMAGE CONCRETE SIDEWALK OR CURB AND GUTTER SHALL BE REPLACED TO THE NEAREST FLAG AT CONTRACTOR'S EXPENSE.	1.	THIS PROJECT IS SUBJECT TO ALL RELATED ENVIRONMENTAL REQUIREMENTS WHICH INCLUDE A "CONTROL OF EROSION AND SEDIMENTATION PLAN". THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY AND ADEQUATE MEASURES FOR PROPER CONTROL OF EROSION DUE TO SEDIMENTATION RUNOFF FROM THE SITE PRIOR TO CONSTRUCTION OPERATIONS IN A PARTICULAR AREA. ALL SEDIMENTATION AND EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO START OF CONSTRUCTION. FIELD ADJUSTMENTS WITH RESPECT TO LOCATIONS AND DIMENSIONS MAY BE MADE BY THE ENGINEER AS REQUIRED.
3.	ALL STATIONS AND OFFSETS ARE REFERENCED TO BASELINE/CENTERLINE OF CONSTRUCTION. ELEVATIONS SHOWN HEREON RELATE TO NATIONAL GEODETIC VERTICAL DATUM, N.G.V.D., 1929.	19.	THE CONTRACTOR IS REQUIRED TO OBTAIN ALL APPLICABLE CONSTRUCTION PERMITS PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL APPLY FOR AND PROCURE ALL PERMITS AND LICENSES, PAY ALL CHARGES, TAXES, ROYALTIES & FEES, AND GIVE ALL NOTICES NECESSARY TO COMPLETE THIS PROJECT.	39.	ANY MAIL BOXES, WALLS, FENCES OR OTHER HOMEOWNER PROPERTY OR IMPROVEMENTS SHALL BE TEMPORARILY RELOCATED AND REPLACED. SUCH RELOCATIONS SHALL BE COORDINATED WITH THE ENGINEER OF RECORD AND ALL COSTS SHALL BE INCLUDED IN THE COST OF THE OVERALL BID.	51.	PAYMENT FOR FRENCH DRAIN INCLUDES THE REMOVAL OF EXISTING DRAINAGE SYSTEMS IN DIRECT CONFLICT WITH THE DESIGN, ELSE LEAVE IN PLACE. THE PAYMENT DOES NOT INCLUDE THE SUBBASE, BASE AND ASPHALT USED DURING PAVEMENT RESTORATION.	2.	EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RAIN FOR DAMAGE AND GENERAL EFFECTIVENESS. ANY DAMAGED OR INEFFECTIVE CONTROLS SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR.
4.	EXISTING SECTION CORNERS AND 1/4 SECTION CORNERS, AND OTHER LAND MARKERS OR MONUMENTS LOCATED WITHIN PROPOSED CONSTRUCTION ARE TO BE REFERENCED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND RESET AFTER CONSTRUCTION USING A REGISTERED LAND SURVEYOR LICENSED IN THE STATE OF FLORIDA.	20.	INSTALLATION OF ALL STORM SEWERS, INLETS, MANHOLES AND APPURTENANCES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MIAMI-DADE COUNTY DEPARTMENT OF PUBLIC WORKS, FDOT OR AS INDICATED ON THE DRAWINGS.	40.	ALL SIDEWALK IMPACTED BY CONSTRUCTION MUST BE REPLACED/REPAIRED BY THE CONTRACTOR AT NO COST TO THE PROJECT. WORK INCLUDES ALL MEASURES NECESSARY TO COMPLY WITH ADA STANDARDS AND REQUIREMENTS.	52.	PAY-ITEM 11 CORE DRILL (MODIFY) EXISTING STRUCTURE INCLUDES THE WORK NEEDED TO CONNECT TO OTHER EXISTING DRAINAGE COMPONENTS SUCH AS BUT NOT LIMITED TO PIPES OR FRENCH DRAIN. WHEN 4 LF OF PIPE, USED TO CONNECT TO EXISTING DRAINAGE STRUCTRES, IS CALLED OUT IN PLANS, THE WORK SHALL BE DONE AS PER FDOT STANDARD PLAN INDEX 430-001.	3.	ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED, IF DEEMED NECESSARY, BY THE ON-SITE INSPECTOR.
5.	ANY NGVD - 1929 MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, NOTIFY: GEODETIC INFORMATION CENTER ATTN: MARK MAINTENANCE SECTION N/CG-162 6001 EXECUTIVE BLVD. ROCKVILLE, MARYLAND 20852 TEL: (301) 443-8319	21.	STAGING AND MATERIAL STORAGE SHALL NOT BE CONDUCTED ON ABUTTING PRIVATE PROPERTY OR PUBLIC R-O-W WITHOUT APPROVAL FROM THE TOWN.	41.	COMPLETE "AS-BUILT" INFORMATION RELATIVE TO LOCATION, SIZE AND DEPTH OF NEW PIPES, EXFILTRATION TRENCH MANHOLES, INLETS, ETC., SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR AND SUBMITTED (SIGNED AND SEALED BY A FLORIDA CERTIFIED P.L.S.) PRIOR TO FINAL ACCEPTANCE OF THE WORK. ALL RECORD INFORMATION ON EXISTING UTILITY CROSSINGS ENCOUNTERED DURING CONSTRUCTION, INCLUDING BUT NOT LIMITED TO PIPES, INLETS, MANHOLES, ETC., SHALL BE RECORDED BY A FLORIDA REGISTERED SURVEYOR AND SHOWN ON THE RECORD DRAWINGS. THE COST OF SIGNED AND SEALED AS-BUILTS SHALL BE INCLUDED IN THE COST OF THE OVERALL BID.	53.	CONTRACTOR IS RESPONSIBLE FOR ALL SAFETY PRECAUTION AND OSHA COMPLIANCE. CONTRACTOR IS TO REFER TO ARTICLE 3.21 OF THE CONTRACT TERMS AND CONDITIONS.	4.	EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. TEMPORARY AND PERMANENT MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6.	EXISTING LAND MARKERS WITHIN LIMITS OF CONSTRUCTION SHALL BE REFERENCED IF DISTURBED BY THE CONTRACTOR'S SURVEY PARTY UNDER THE DIRECTION OF A FLORIDA REGISTERED LAND SURVEYOR.	22.	APPARENT ERRORS, DISCREPANCIES, OR OMISSIONS ON THE DRAWING SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE THE BIDDING. NO EXTRA PAYMENT WILL BE ALLOWED FOR ANY WORK REQUIRED DUE TO MISUNDERSTANDING OF JOB OR SITE CONDITIONS AFFECTING THE WORK AS DESCRIBED IN THE SPECIFICATIONS OR SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL NOT TAKE ADVANTAGE OF ANY APPARENT ERROR OR OMISSION IN DRAWINGS OR SPECIFICATIONS, AND THE ENGINEER SHALL BE PERMITTED TO MAKE CORRECTIONS AND INTERPRETATIONS AS MAY BE DEEMED NECESSARY FOR FULFILLMENT OF THE INTENT OF THE CONTRACT DOCUMENTS. THE TENDERING OF A PROPOSAL WILL ACKNOWLEDGE ACCEPTANCE OF THESE CONDITIONS BY THE BIDDER.	42.	DURING CONSTRUCTION, THE PROJECT SITE, STAGING AREA, AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEEP BROOM CLEAN.	54.	CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE WORK. CONTRACTOR IS TO REFER TO ARTICLE 3.24 OF THE CONTRACT TERMS AND CONDITIONS.	5.	ALL TEMPORARY SEDIMENT CONTROL DEVICES SHALL BE LEFT IN PLACE AND MAINTAINED UNTIL THE AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION.
7.	ITEMS IN CONFLICT WITH DESIGN SUCH AS EXISTING CURBS AND GUTTERS, SIDEWALKS, DRAINAGE STRUCTURES AND PIPES, EXFILTRATION TRENCH, PAVEMENT AND BASE AND EXCESS EXCAVATIONS ARE TO BE REMOVED BY CONTRACTOR AND DISPOSED OF IN A LEGAL AND PROPER MANNER AWAY FROM THE JOB SITE AT THE CONTRACTOR'S EXPENSE UNLESS THE ITEMS ARE TO BE REUSED ON THE PROJECT.	23.	THE AMOUNT OF EACH OF THE MATERIALS PROVIDED IS THE ESTIMATED AMOUNT REQUIRED TO COMPLETE THE JOB. THESE QUANTITIES ARE ESTIMATED ONLY AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLETE THE JOB IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. SHOULD ADDITIONAL MATERIALS BE REQUIRED THEY WILL BE PAID FOR AT THE CONTRACT UNIT PRICES AS DESCRIBED IN THE BID DOCUMENTS.	43.	WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR BEEN PLACED IN WATER COURSES, GRAVITY SEWER, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.	55.	CONTRACTOR IS RESPONSIBLE FOR ALL SHOP DRAWINGS, PRODUCT DATA AND SAMPLES. REFER TO ARTICLES 3.15 & 3.16 OF APPENDIX B OFOF THE CONTRACT TERMS AND CONDITIONS.	6.	ALL CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOW OF MUD ON TO ANY PUBLIC RIGHT-OF-WAY. THIS SHALL REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS REQUIRE. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED ON TO PUBLIC RIGHT-OF-WAY OR INTO STORM DRAINS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
8.	THE MAINTENANCE OF TRAFFIC FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE APPLICABLE FDOT STANDARD PLANS INDEX SERIES 102 AND THESE DOCUMENTS: THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (U.S. DEPARTMENT OF TRANSPORTATION, FHWA), SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS. PEDESTRIAN AND VEHICULAR TRAFFIC SHALL BE MAINTAINED AND PROTECTED AT ALL TIMES.	24.	UPON THE RECEIPT OF THE "NOTICE TO PROCEED" THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRE CONSTRUCTION CONFERENCE TO INCLUDE THE TOWN OF MIAMI LAKES, AND ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, THE OWNER, AND THE ENGINEER OF RECORD.	44.	THE CONTRACTOR SHALL GIVE THE ENGINEER OF RECORD AT LEAST 48 HOURS ADVANCE NOTICE PRIOR TO BACKFILLING OR COMPLETING THE INSPECTION OF THE FOLLOWING ITEMS SO THE ENGINEER OF RECORD CAN PERFORM FIELD OBSERVATIONS: A. STORM DRAINAGE. B. SUBGRADE; SUBMIT AND HAVE APPROVED DENSITIES PRIOR TO PLACEMENT OF ROCK. C. LIMEROCK BASE; SUBMIT AND HAVE APPROVED DENSITIES AND AS-BUILTS PRIOR TO THE PLACEMENT OF ANY ASPHALT. D. ASPHALTIC CONCRETE. E. FINAL. IF THE CONTRACTOR FAILS TO NOTIFY THE ENGINEER OF RECORD PRIOR TO COMPLETING THE ABOVE, THE ENGINEER RESERVES THE RIGHT TO ISSUE ANY CERTIFICATIONS OR FINAL INSPECTIONS.	56.	CONTRACTOR IS RESPONSIBLE TO INSPECT THE SITE PRIOR TO COMMENCING WORK AND CONTRACT SUNSHINE ONE CALL PRIOR TO COMMENTING ANY TRENCHING OR DIGGING. CONTRACTOR IS TO REFER TO ARTICLE 3.11 OF THE CONTRACT TERMS AND CONDITIONS.	7.	CONTRACTOR SHALL INSTALL AND MAINTAIN INLET PROTECTION SYSTEMS AT EVERY INLET UNTIL THE PROJECT IS COMPLETED.
9.	THE INFORMATION PROVIDED IN THESE PLANS IS TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF THE WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT ANY INVESTIGATIONS THEY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED AND UPON WHICH THEIR BIDS WILL BE BASED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE SITE CONDITIONS OF THE PROJECT AND FULLY SATISFY HIMSELF OF BOTH THE SURFACE AND SUBSURFACE CONDITIONS AND BASE HIS PRICING ACCORDINGLY. GEOTECHNICAL REPORT IS IN THE CONTRACT DOCUMENTS.	25.	THE UTILITY COMPANIES SHALL BE NOTIFIED BY THE CONTRACTOR 48 HOURS IN ADVANCE OF ANY EXCAVATION INVOLVING THEIR UTILITIES SO THAT COMPANY REPRESENTATIVES CAN BE PRESENT.	45.	PRIOR TO CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD FOR THE FOLLOWING ITEMS: POLLUTION RETARDANT BAFFLES, INLETS GRATES, FRAMES AND CATCH BASINS AND ALL OTHER DRAINAGE STRUCTURES, DRAINAGE PIPE, BALLAST ROCK, EXFILTRATION TRENCH FILTER FABRIC, ASPHALT, LIMEROCK, ETC.	57.	CONTRACTOR SHALL COMPLY WITH THE TRENCH SAFETY ACT, SECTION 533.60 THROUGH 533.64 OF FLORIDA STATUTES. CONTRACTOR IS TO REFER TO ARTICLE 3.10 & APPENDIX A OF THE CONTRACT TERMS AND CONDITIONS.	8.	CONTRACTOR SHALL SOD GRASS AREAS DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO OWNER. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE ENVIRONMENTAL PROTECTION AGENCY (EPA) AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES).
10.	THE LOCATION OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE ONLY; THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. RELOCATION OF UTILITIES SHALL BE COORDINATED WITH UTILITY COMPANIES BY THE CONTRACTOR AFTER IDENTIFICATION OF CONFLICT. CONTRACTOR SHALL NOTIFY ENGINEER IN ADVANCE BEFORE ANY RELOCATION.	26.	THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES OR UNDERGROUND UTILITIES.	46.	ALL ONSITE STORM DRAINAGE MATERIALS AND INSTALLATION SHALL CONFORM TO THE APPLICABLE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT SPECIFICATIONS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:  A. GEOTEXTILE FABRIC SHALL BE APPROVED BY THE MIAMI-DADE COUNTY PUBLIC WORKS DEPARTMENT. IT SHALL BE USED TO WRAP ALL SIDES, BOTTOM AND TOP OF THE EXFILTRATION TRENCH. THE TOP SECTION OF THE MATERIAL SHALL BE LAPPED A MINIMUM OF 12 INCHES AND THE CONTRACTOR SHALL TAKE EXTREME CARE IN BACKFILLING TO AVOID BUNCHING OF THE FABRIC.  B. PROVIDE A MINIMUM PROTECTIVE COVER OF 24 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.  C. PROPOSED ASPHALT PAVEMENT SHALL BE CONNECTED TO EXISTING AS PER MIAMI-DADE COUNTY STANDARD DETAILS AND AS SHOWN ON THESE PLANS. CONTRACTOR SHALL MATCH EXISTING ELEVATIONS ON NEW SIDEWALK OR NEW PAVEMENT.  D. SEE DETAIL FOR ADDITIONAL INFORMATION.	58.	CONTRACTOR IS TO REFER TO ARTICLE 3.44 OF THE CONTRACT TERMS AND CONDITIONS FOR SITE MAINTENANCE.	ENVIRONMENTAL NOTES:	
11.	THE CONTRACTOR SHALL CALL SUNSHINE (1-800-432-4770) FOR FIELD LOCATIONS 48 HOURS BEFORE DIGGING NEAR UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH HE FAILS TO REQUEST LOCATIONS. HE/SHE IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.	27.	PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.	47.	ALL DISPOSAL OF MATERIALS, RUBBISH AND DEBRIS ARE TO BE MADE AT A LEGAL DISPOSAL SITE OR BY OTHER PRE-APPROVED MANNER. MATERIAL CLEARED FROM THE SITE AND DISPOSED OF ON ADJACENT AND/OR NEARBY PROPERTY WILL NOT BE CONSIDERED AS HAVING BEEN DISPOSED OF SATISFACTORILY. REMOVAL OF ALL MATERIAL WILL BE AT THE CONTRACTOR'S EXPENSE.	59.	CONTRACTOR IS TO PROTECT ALL PROPERTY AND UTILITIES. CONTRACTOR IS TO REFER TO ARTICLE 3.18 OF THE CONTRACT TERMS AND CONDITIONS.	1.	DURING CONSTRUCTION ANY GENERATED DEBRIS SHALL BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA. APPROPRIATE SCREENS AND BARRIERS SHALL BE ERECTED TO PROTECT PEDESTRIAN, BICYCLE AND VEHICULAR TRAFFIC.
12.	LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING FACILITIES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF FIELD SURVEY. THE CONTRACTOR SHALL CONFIRM THE ELEVATIONS, AND OTHER FEATURES AFFECTING HIS/HER WORK PRIOR TO CONSTRUCTION, AND NOTIFY THE ENGINEER IMMEDIATELY WHEN CONFLICT BETWEEN DRAWINGS AND ACTUAL CONDITIONS ARE DISCOVERED. THE CONTRACTOR SHALL WORK AS NEEDED TO AVOID CONFLICT WITH EXISTING UTILITIES (NO ADDITIONAL COST SHALL BE PAID FOR THIS WORK). EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE UTILITY OWNER.	28.	THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES THAT REMAIN IN PLACE.	48.	ALL REQUIRED DENSITY AND LBR TEST RESULTS FOR SUBGRADE SHALL BE PERFORMED BY AN INDEPENDENT SOIL TESTING LABORATORY CERTIFIED IN THE STATE OF FLORIDA, PROVIDED EVERY 100 FT, AND APPROVED BY THE ENGINEER AND THE TOWN OF MIAMI LAKES PRIOR TO THE PLACING THE LIMEROCK BASE MATERIAL.	60.	CONTRACTOR IS RESPONSIBLE FOR PREPARING AS BUILT DRAWING. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS FOR SIGNING AND SEALING BY A REGISTERED LAND SURVEYOR, IF REQUIRED. CONTRACTOR IS TO REFER TO ARTICLE 4.27 OF CONTRACT TERMS AND CONDITIONS.	SIGNING AND PAVEMENT MARKING GENERAL NOTES:	
13.	ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.	29.	ALL EXISTING AND PROPOSED DRAINAGE STRUCTURES SHALL BE PROTECTED FROM CONTAMINATION BY SILT AND CONSTRUCTION DEBRIS UNTIL CONSTRUCTION OPERATIONS ARE COMPLETED. IN ACCORDANCE WITH THE ATTACHED STORMWATER POLLUTION PREVENTION PLANS.			61.	CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL LAWS. CONTRACTOR IS TO REFER TO ARTICLE 3.50 OF THE CONTRACT TERMS AND CONDITIONS.	1.	ALL EXISTING SIGNS AND SUPPORTS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE SPECIFIED.
14.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AND ALL STATE AND LOCAL SAFETY AND HEALTH REGULATIONS.	30.	UPON COMPLETION OF THE PROPOSED DRAINAGE WORK, THE CONTRACTOR SHALL CLEAN THE NEW SYSTEM, REMOVE ALL POLLUTION CONTROL DEVICES FROM THE NEW AND EXISTING SYSTEM, AND CLEAN THE EXISTING STRUCTURES AND DRAINAGE SYSTEM AT NO ADDITIONAL COST.			62.	CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT MANAGER OF ANY CONFLICTS IN THE DRAWINGS. CONTRACTOR IS TO REFER TO ARTICLE 4.21 OF THE CONTRACT TERMS AND CONDITIONS.	2.	ALL SIGNING AND PAVEMENT MARKINGS INSTALLED AS PART OF THESE PLANS SHALL CONFORM TO THE CURRENT EDITION OF THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREET AND HIGHWAYS. ALL SIGN PANELS SHALL BE FABRICATED TO COMPLY WITH THE MOST RECENT EDITION OF THE FEDERAL HIGHWAY AND ADMINISTRATION STANDARD HIGHWAY SIGNS.
15.	ALL DITCH EXCAVATION SHALL BE PERFORMED IN FULL COMPLIANCE WITH THE PROVISIONS OF THE FLORIDA TRENCH SAFETY ACT.	31.	EXISTING CATCH BASINS AND STORM SEWER STRUCTURES REQUIRING MODIFICATIONS MAY BE REPAIRED IN PLACE WITH CAST-IN-PLACE CONCRETE.			63.	CONTRACTOR SHALL PERFORM TESTING REQUIRED BY THE PERMITTING ENTITIES OR THE TOWN; CONTRACTOR SHALL REFER TO ARTICLE 3.27 OF THE CONTRACT TERMS AND CONDITIONS.	3.	SIGN ASSEMBLY LOCATIONS SHOWN ON THE PLANS WHICH ARE IN CONFLICT WITH LIGHTING UTILITIES, DRIVEWAYS, LANDSCAPING, WHEEL CHAIR RAMPS, ETC, MAY ONLY BE ADJUSTED WITH APPROVAL BY THE ENGINEER.
16.	CONTRACTOR SHALL PRESERVE ALL STREET SIGNS, PARKING METERS, BENCHES, TRAFFIC CONTROL SIGNS, LANDSCAPING, ETC, WHEN DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL REINSTALL OR DELIVERY SAID PUBLIC PROPERTY TO THE TOWN.	32.	ALL ROAD CROSSINGS ARE OPEN CUT UNLESS OTHERWISE NOTED ON THE DRAWINGS.			64.	PERMITTING ENTITIES AND THE TOWN SHALL ACCESS TO INSPECT THE WORK. CONTRACTOR SHALL REFER TO ARTICLE 3.27 OF THE CONTRACT TERMS AND CONDITIONS.	4.	ALL STOP BARS SHALL BE LOCATED 4 FT FROM THE PROPOSED CROSSWALK, UNLESS OTHERWISE DIMENSIONED IN THE PLANS. ALL CROSSWALKS SHALL BE 10FT WIDE UNLESS OTHERWISE DIMENSIONED IN THE PLANS

## TABULATION OF QUANTITIES

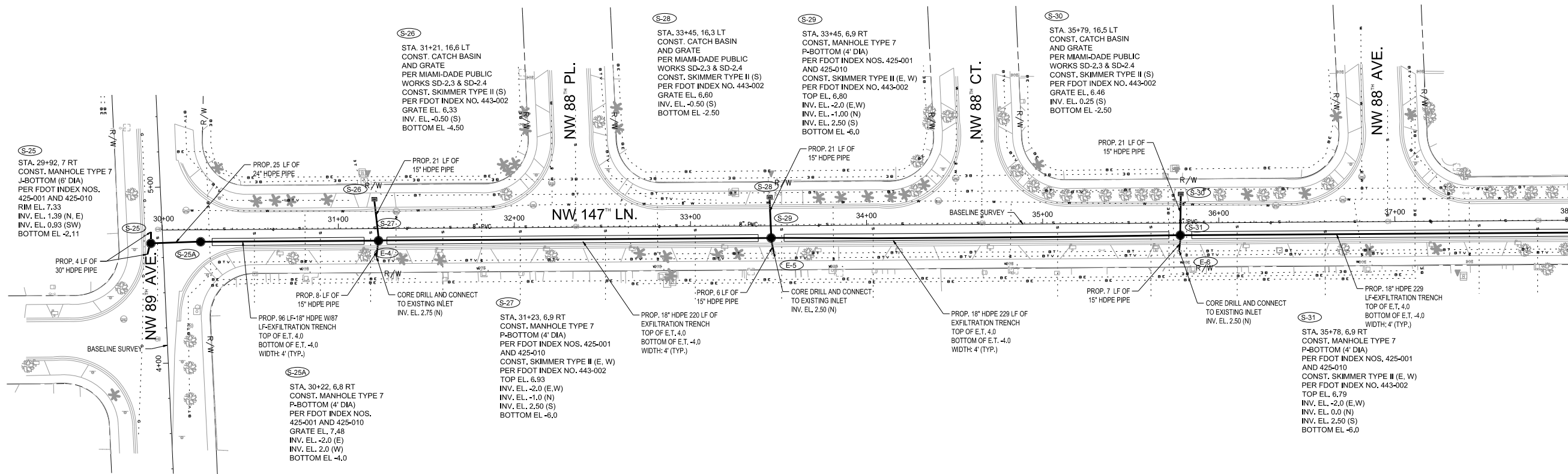
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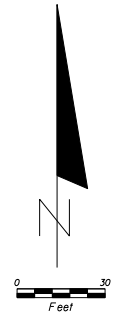
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DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104 Jose Santiago, P.E. No. 60248	DESIGNED BY					C-300
								DRAWN BY					
								CHECKED BY					



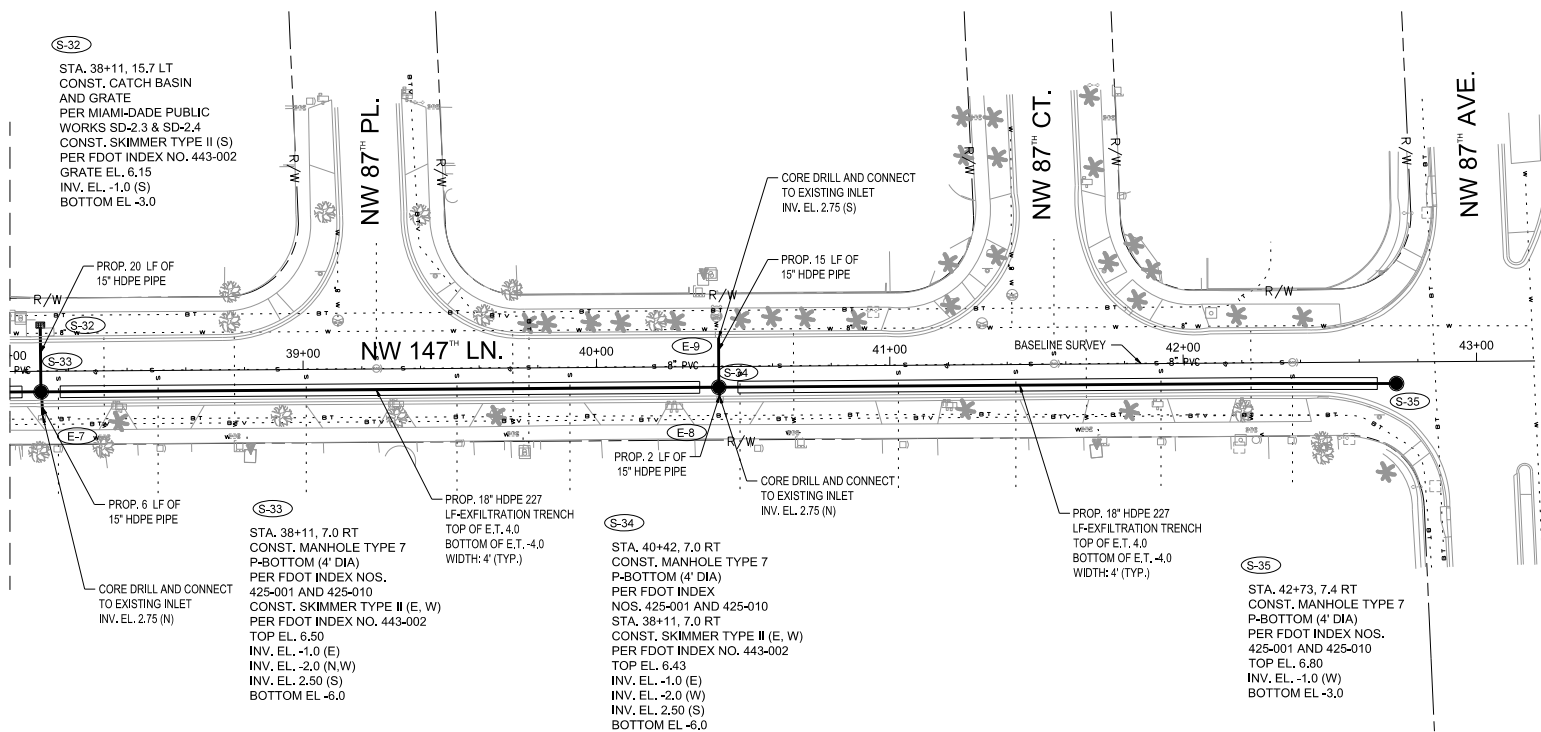




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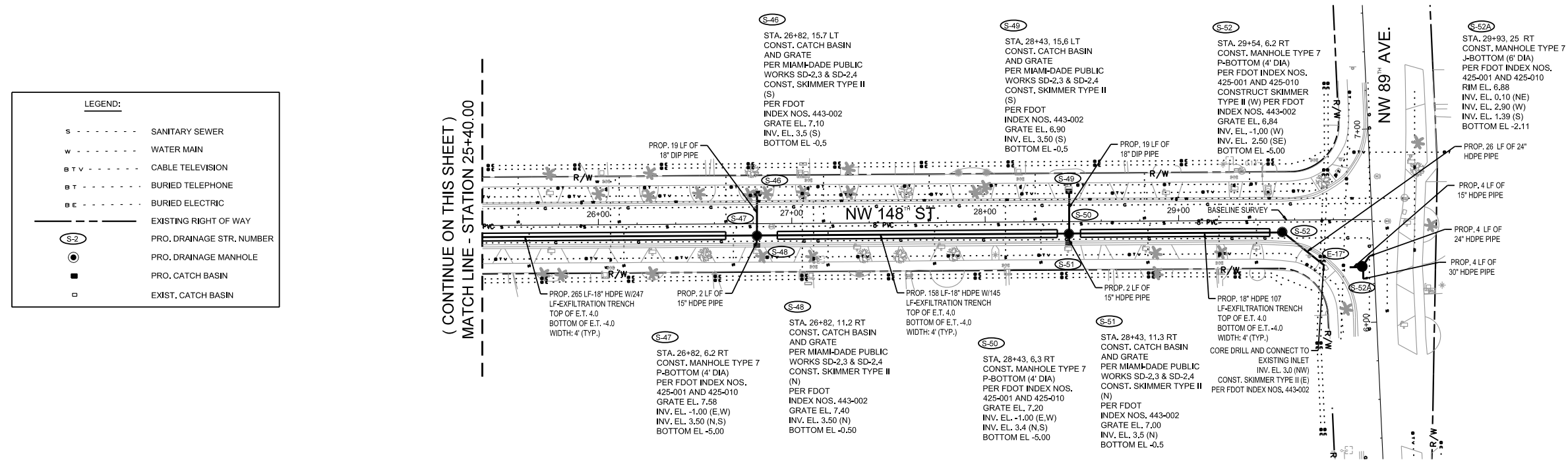
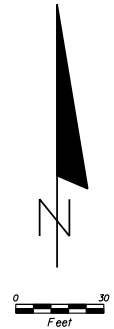
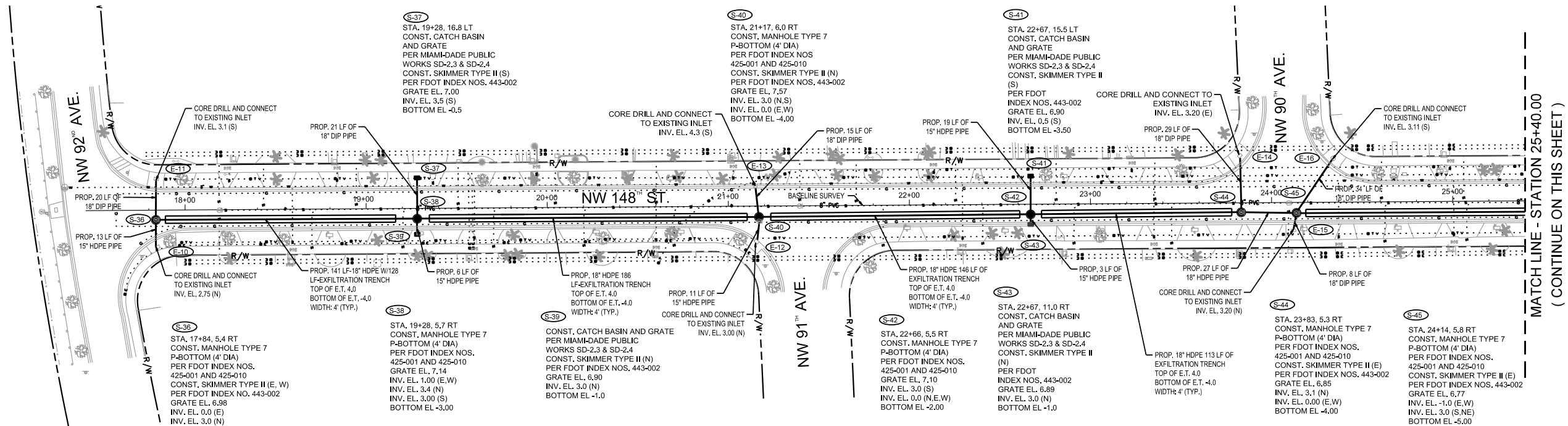


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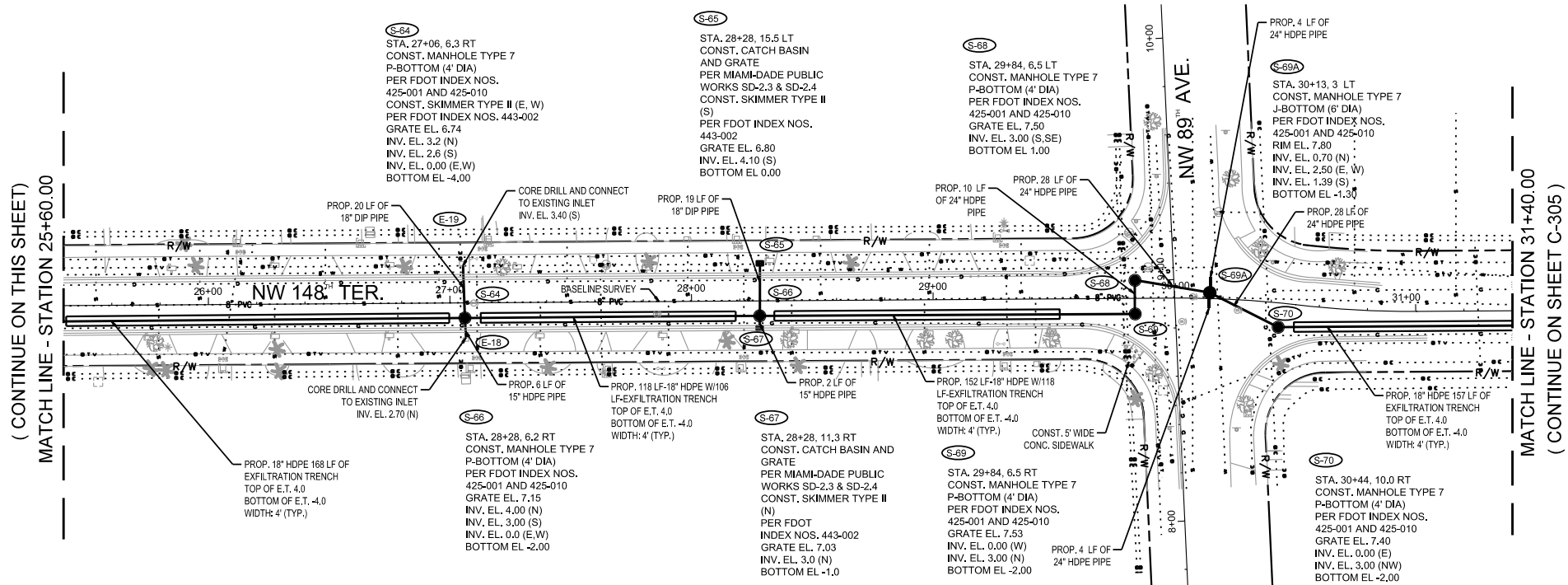
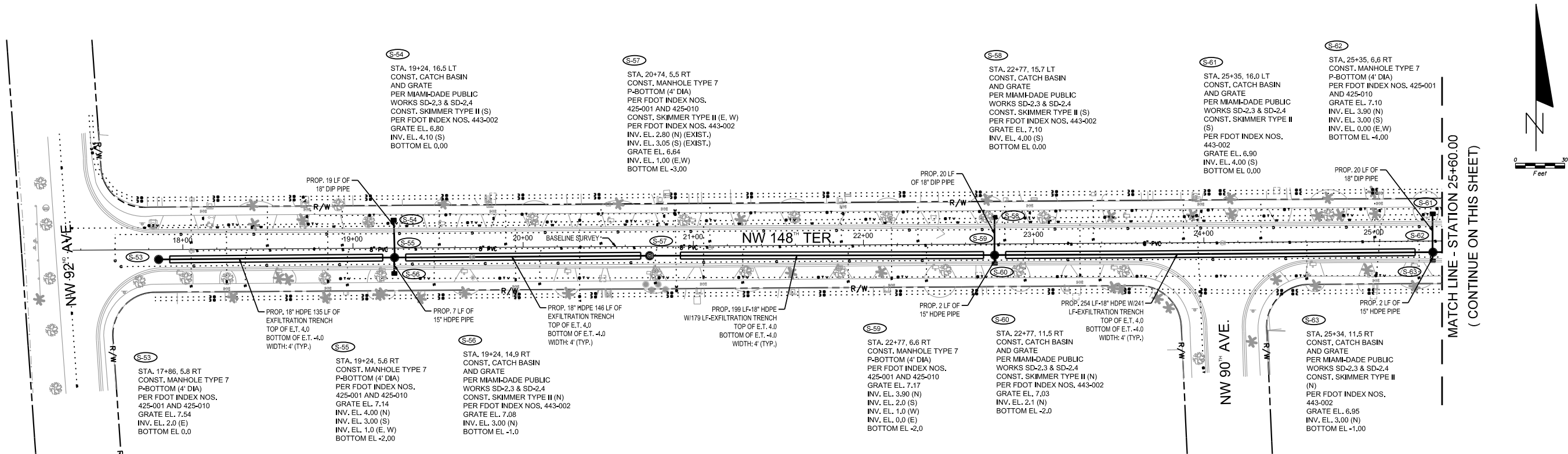


LEGEND:	
S - - - - -	SANITARY SEWER
W - - - - -	WATER MAIN
BTV - - - - -	CABLE TELEVISION
BT - - - - -	BURIED TELEPHONE
BE - - - - -	BURIED ELECTRIC
- - - - -	EXISTING RIGHT OF WAY
(S-2)	PRO. DRAINAGE STR. NUMBER
●	PRO. DRAINAGE MANHOLE
■	PRO. CATCH BASIN
□	EXIST. CATCH BASIN

REVISIONS						MARLIN ENGINEERING INC.			TOWN OF MIAMI LAKES		DRAINAGE PLAN	
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104 Jose Santiago, P.E. No. 60248			DESIGNED BY	NAME	DATE	SHEET NUMBER
									DRAWN BY			C-302
									CHECKED BY			



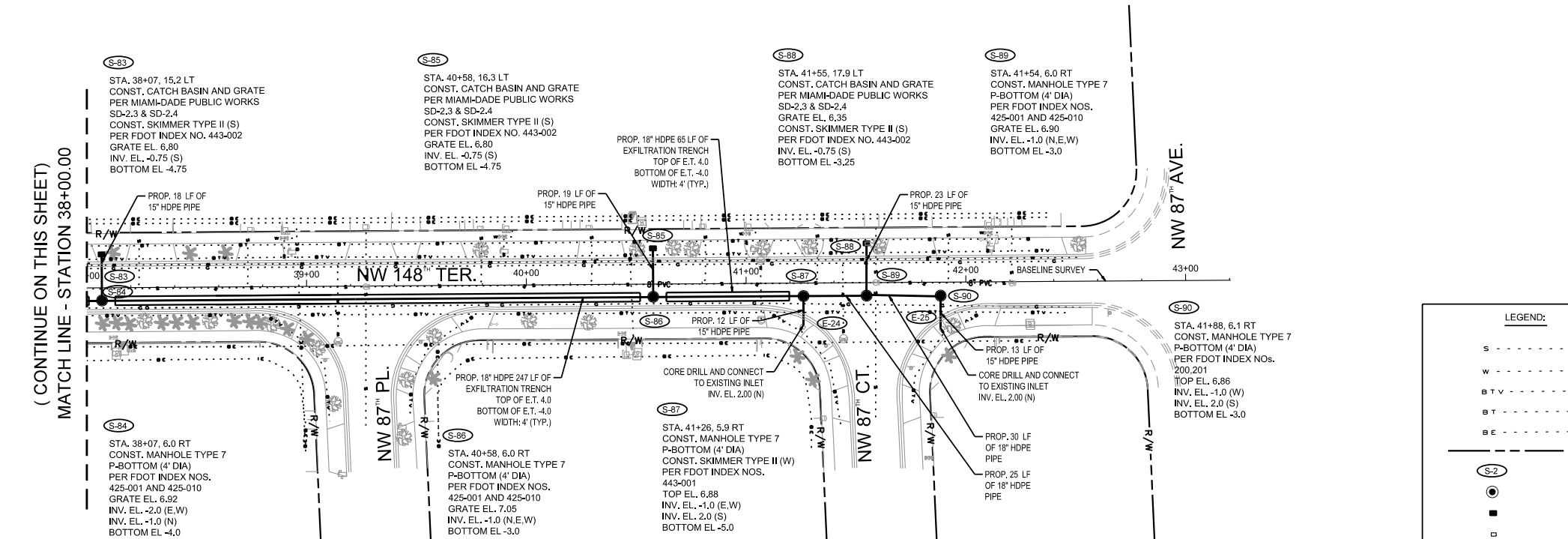
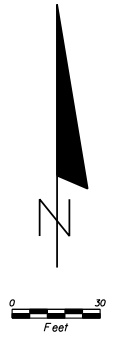
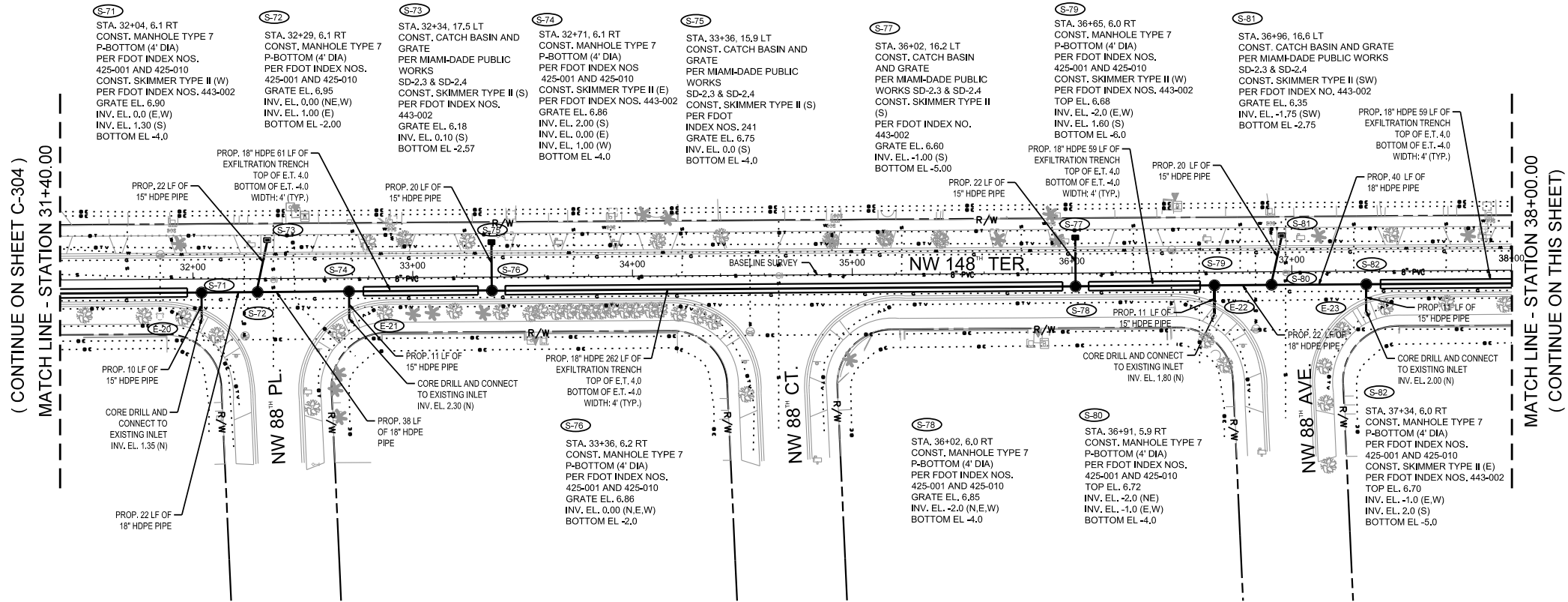
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R E V I S I O N S						<div>MARLIN ENGINEERING</div>	MARLIN ENGINEERING INC.		NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	DRAINAGE PLAN	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY					C-303
							Jose Santiago, P.E. No. 60248	DRAWN BY					
								CHECKED BY					



LEGEND:	
	SANITARY SEWER
	WATER MAIN
	CABLE TELEVISION
	BURIED TELEPHONE
	BURIED ELECTRIC
	EXISTING RIGHT OF WAY
	PRO. DRAINAGE STR. NUMBER
	PRO. DRAINAGE MANHOLE
	PRO. CATCH BASIN
	EXIST. CATCH BASIN

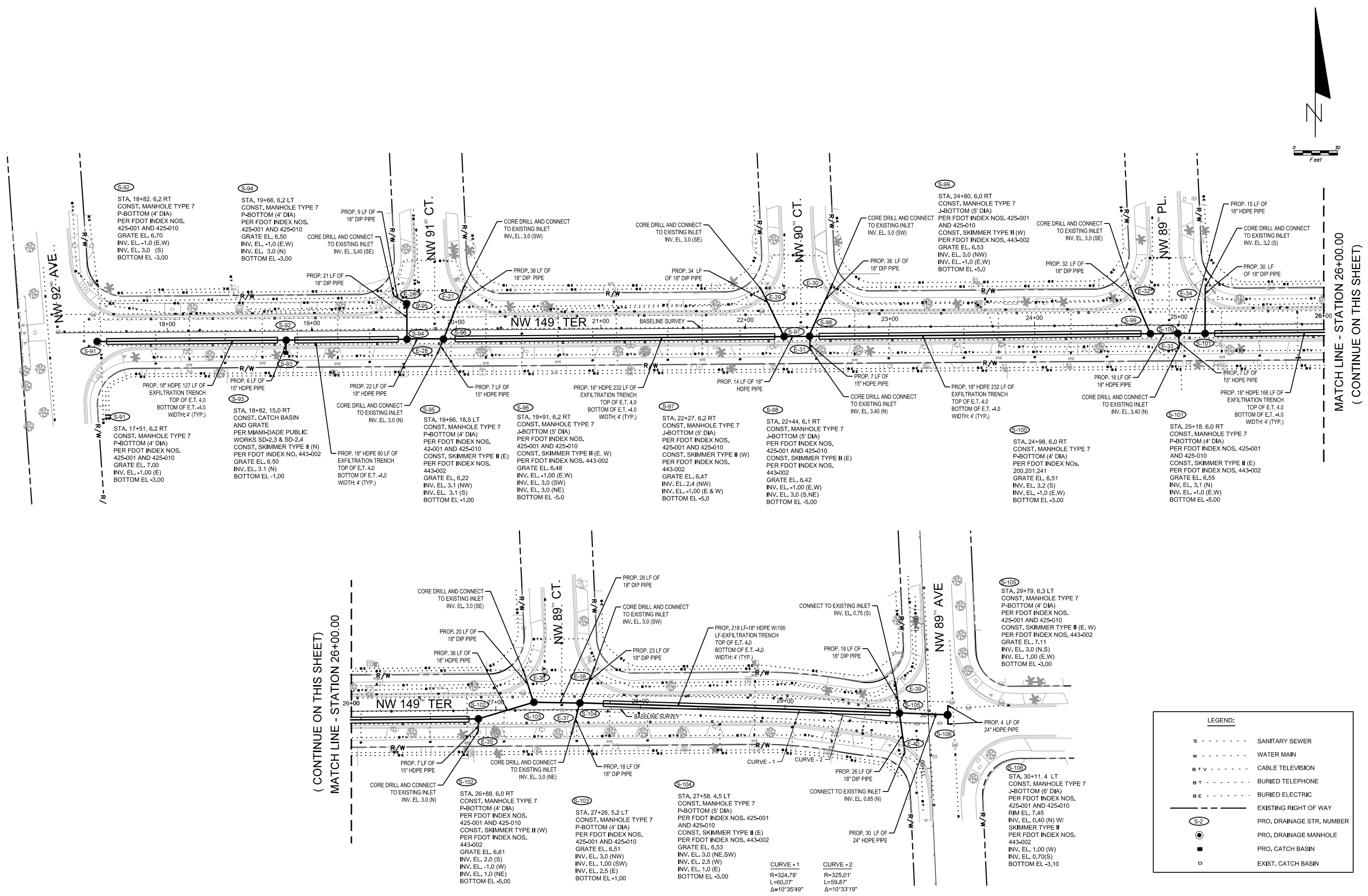
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R E V I S I O N S						<div>MARLIN ENGINEERING</div>	MARLIN ENGINEERING INC.		NAME	DATE	<div>TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS</div>	<div>DRAINAGE PLAN</div>	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY					C-304
							Jose Santiago, P.E. No. 60248	DRAWN BY					
								CHECKED BY					



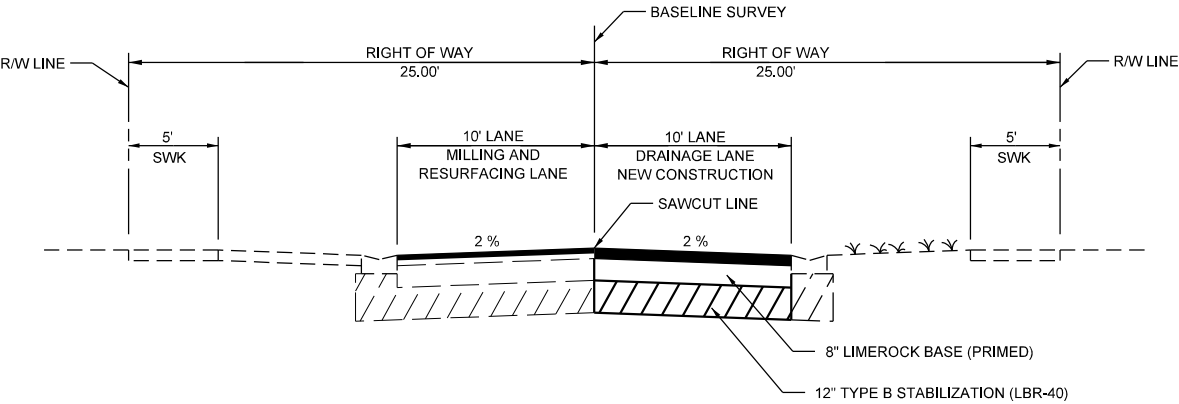


LEGEND:	
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w - - - - -	WATER MAIN
BTV - - - - -	CABLE TELEVISION
BT - - - - -	BURIED TELEPHONE
BE - - - - -	BURIED ELECTRIC
- - - - -	EXISTING RIGHT OF WAY
(S-2)	PRO. DRAINAGE STR. NUMBER
●	PRO. DRAINAGE MANHOLE
■	PRO. CATCH BASIN
□	EXIST. CATCH BASIN

NW 148TH TERRACE													
REVISIONS						<div>MARLIN ENGINEERING</div>	MARLIN ENGINEERING INC.		NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	DRAINAGE PLAN	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY					C-305
							Jose Santiago, P.E. No. 60248	CHECKED BY					



REVISIONS						MARLIN ENGINEERING INC.			TOWN OF MIAMI LAKES		DRAINAGE PLAN	
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY	NAME	DATE	DRAINAGE IMPROVEMENTS		SHEET NUMBER
						Jose Santiago, P.E. No. 60248	DRAWN BY					C-306
							CHECKED BY					



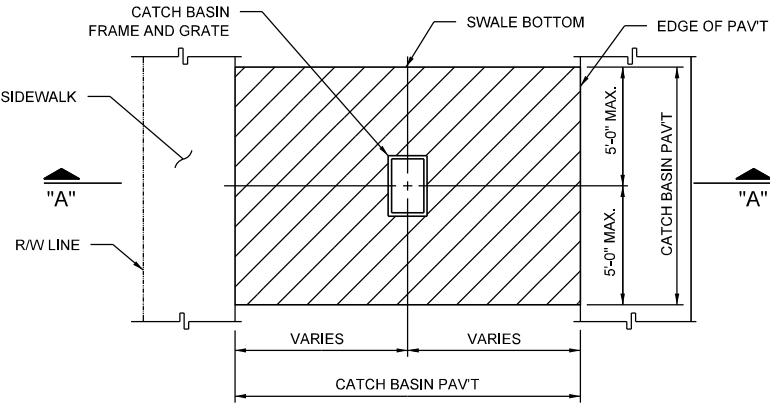
ROADWAY TYPICAL SECTION

MILLING AND RESURFACING

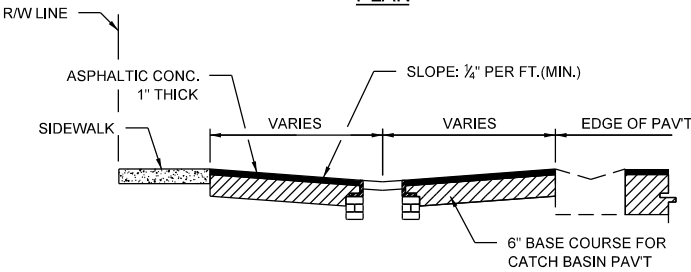
MILL EXISTING ASPHALT PAVEMENT (1" AVERAGE DEPTH)  
RESURFACE WITH FC-9.5, TRAFFIC B, PG 76-22 (1" THICK)

NEW CONSTRUCTION

12" TYPE B STABILIZATION  
LIMEROCK BASE COURSE, 8" THICK (PRIMED)  
SUPERPAVE (SP-12.5), TRAFFIC B, (2" THICK)  
FRICTION COURSE FC-9.5, TRAFFIC B, PG 76-22 (1" THICK)



PLAN



SECTION "A-A"

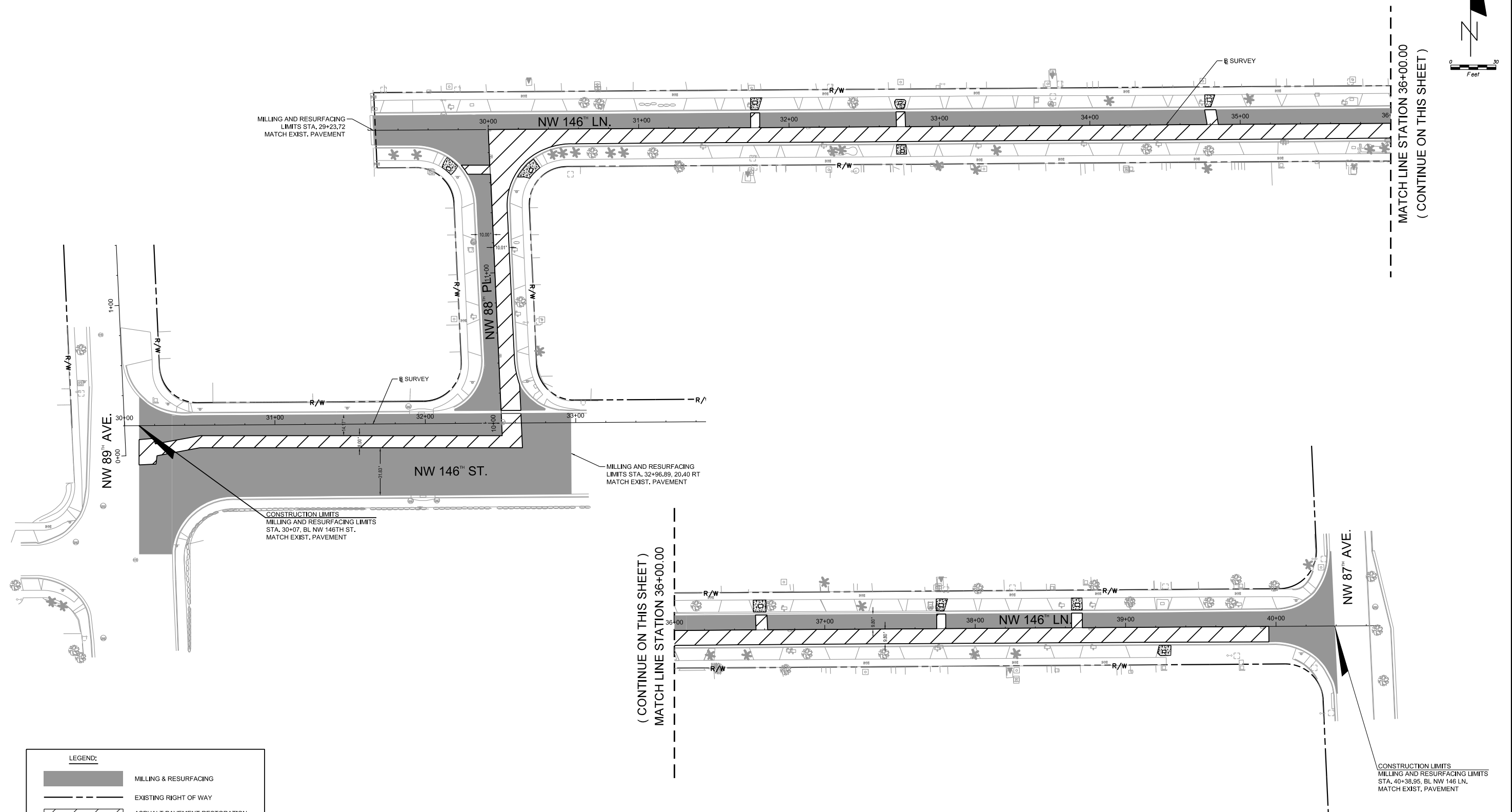
CATCH BASIN PAVEMENT DETAIL

N.T.S.

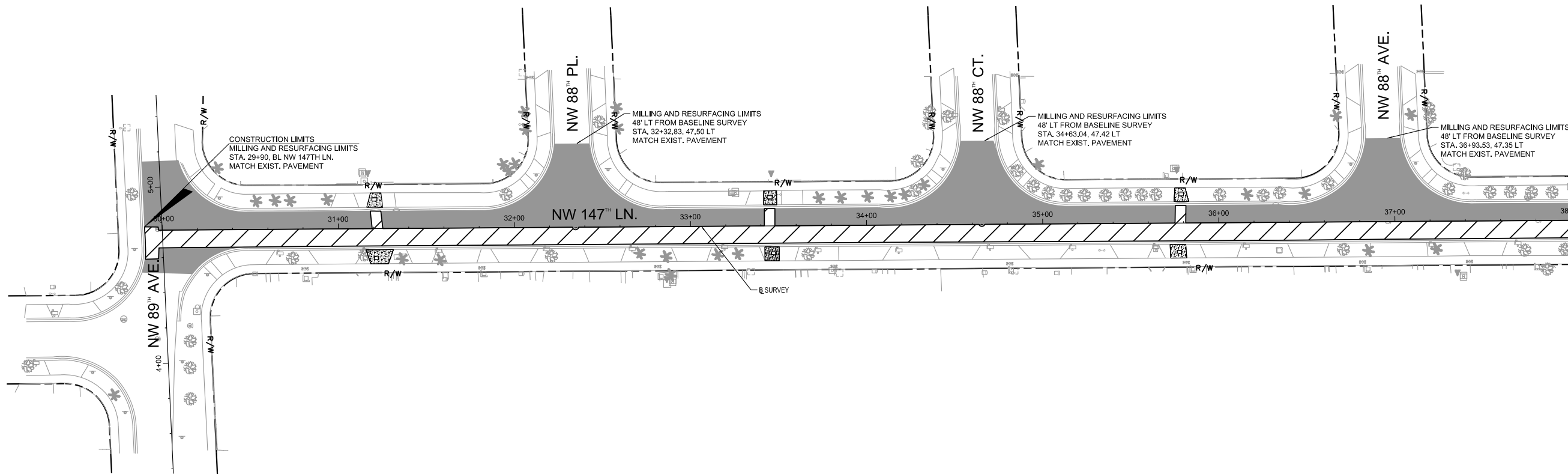
R E V I S I O N S						MARLIN ENGINEERING INC.			NAME			TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	ROADWAY AND DRAINAGE DETAILS	SHEET NUMBER C-307
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	1700 NW 66th Avenue, Suite 106 Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY	DATE						
						Jose Santiago, P.E. No. 60248	DRAWN BY							
							CHECKED BY							







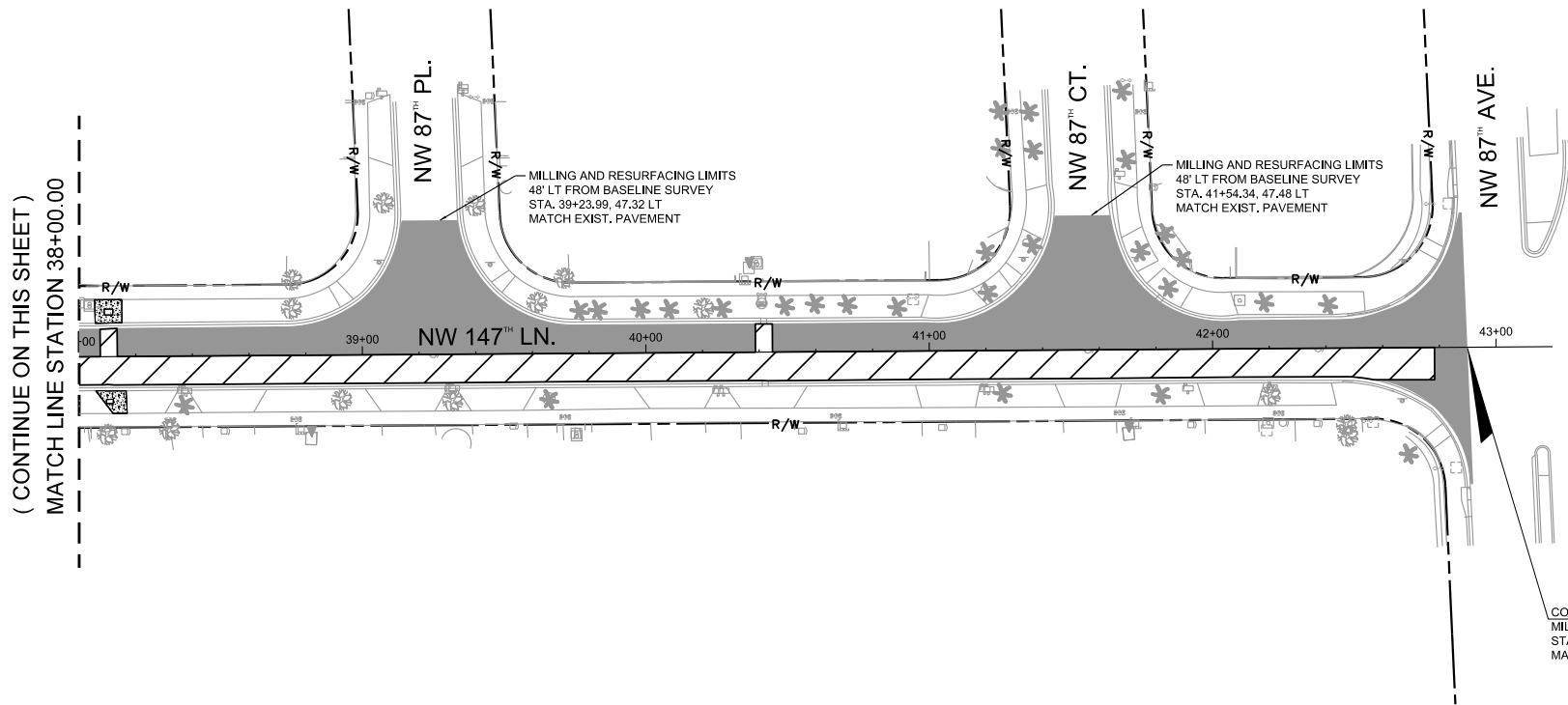
<div>LEGEND:</div> <div><div><div></div><div>MILLING &amp; RESURFACING</div></div><div><div></div><div>EXISTING RIGHT OF WAY</div></div><div><div></div><div>ASPHALT PAVEMENT RESTORATION AS PER MDPW DETAIL R 21.1</div></div><div><div></div><div>CATCH BASIN PAVING. SEE DETAIL ON SHEET C-307</div></div></div>						<div>CONSTRUCTION LIMITS</div> <div>MILLING AND RESURFACING LIMITS</div> <div>STA. 40+38.95, BL NW 146 L.N.</div> <div>MATCH EXIST. PAVEMENT</div>											
NW 146 <sup>TH</sup> LANE																	
R E V I S I O N S						<div>MARLIN ENGINEERING</div> <div>1700 NW 66th Avenue</div> <div>Plantation, Florida 33313</div> <div>(954) 870-5070 C.A. No. 6104</div> <div>Jose Santiago, P.E. No. 60248</div>		NAME		DATE		TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS		PAVING PLAN		SHEET NUMBER  C-400	
DESCRIPTION		DATE		BY				DESIGNED BY									
								DRAWN BY									
								CHECKED BY									



MATCH LINE STATION 38+00.00  
( CONTINUE ON THIS SHEET )

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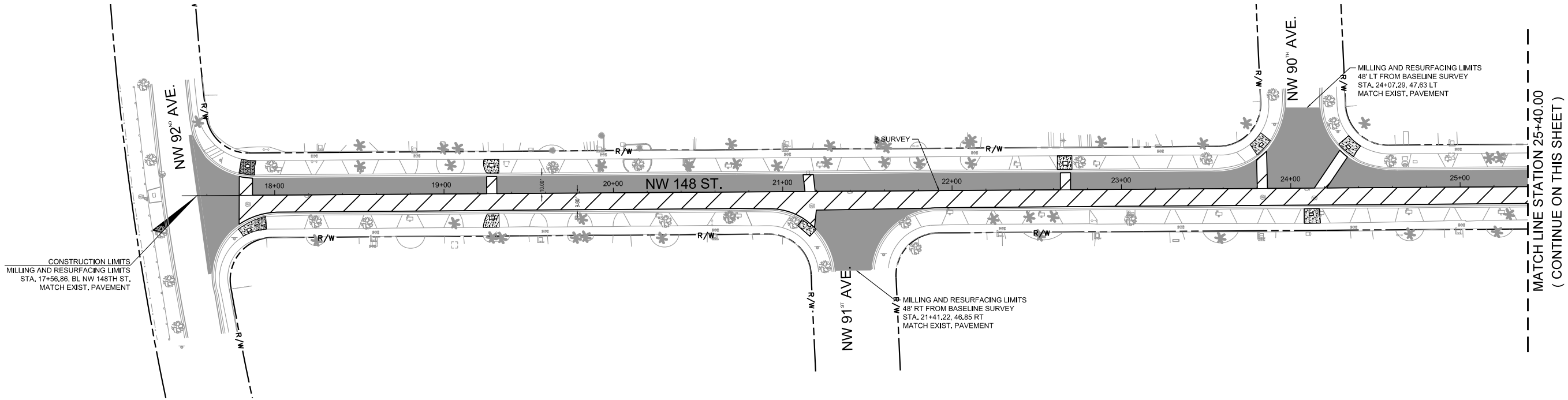
	MILLING & RESURFACING
	EXISTING RIGHT OF WAY
	ASPHALT PAVEMENT RESTORATION AS PER MDPW DETAIL R 21.1
	CATCH BASIN PAVING. SEE DETAIL ON SHEET C-307



CONSTRUCTION LIMITS  
MILLING AND RESURFACING LIMITS  
STA. 42+89.90, BL NW 147 LN.  
MATCH EXIST. PAVEMENT

NW 147<sup>TH</sup> LANE

REVISIONS						MARLIN ENGINEERING INC.			TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS		PAVING PLAN		SHEET NUMBER C-401
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY								
						1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104			DESIGNED BY				
						Jose Santiago, P.E. No. 60248			DRAWN BY				
									CHECKED BY				

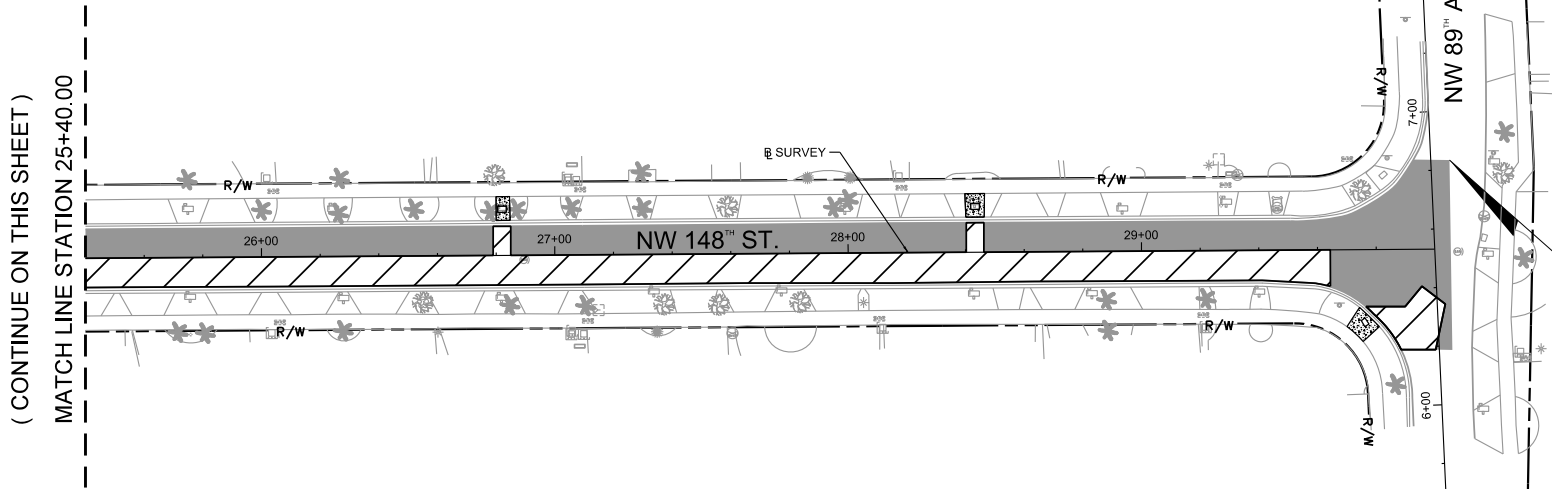


CONSTRUCTION LIMITS  
MILLING AND RESURFACING LIMITS  
STA. 17+56.86, BL NW 148TH ST.  
MATCH EXIST. PAVEMENT


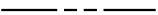
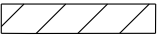
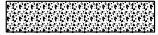
MILLING AND RESURFACING LIMITS  
48' LT FROM BASELINE SURVEY  
STA. 24+07.29, 47.63 LT  
MATCH EXIST. PAVEMENT


MILLING AND RESURFACING LIMITS  
48' RT FROM BASELINE SURVEY  
STA. 21+41.22, 46.85 RT  
MATCH EXIST. PAVEMENT

MATCH LINE STATION 25+40.00  
( CONTINUE ON THIS SHEET )

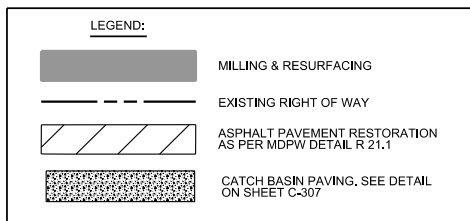
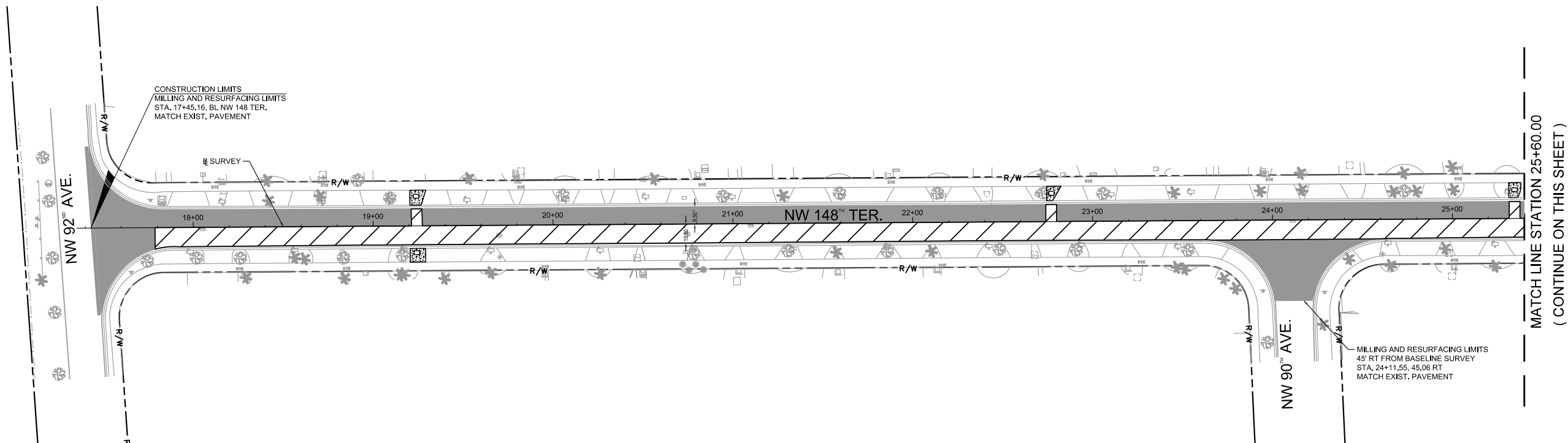


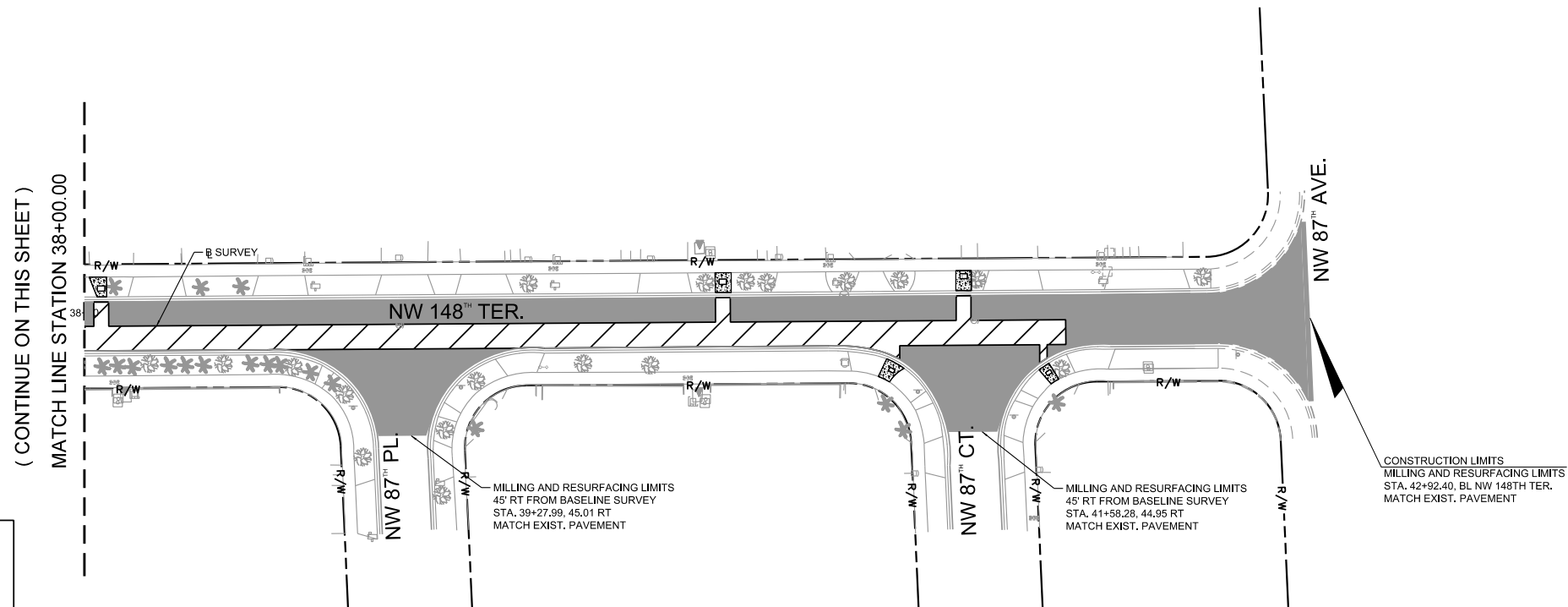
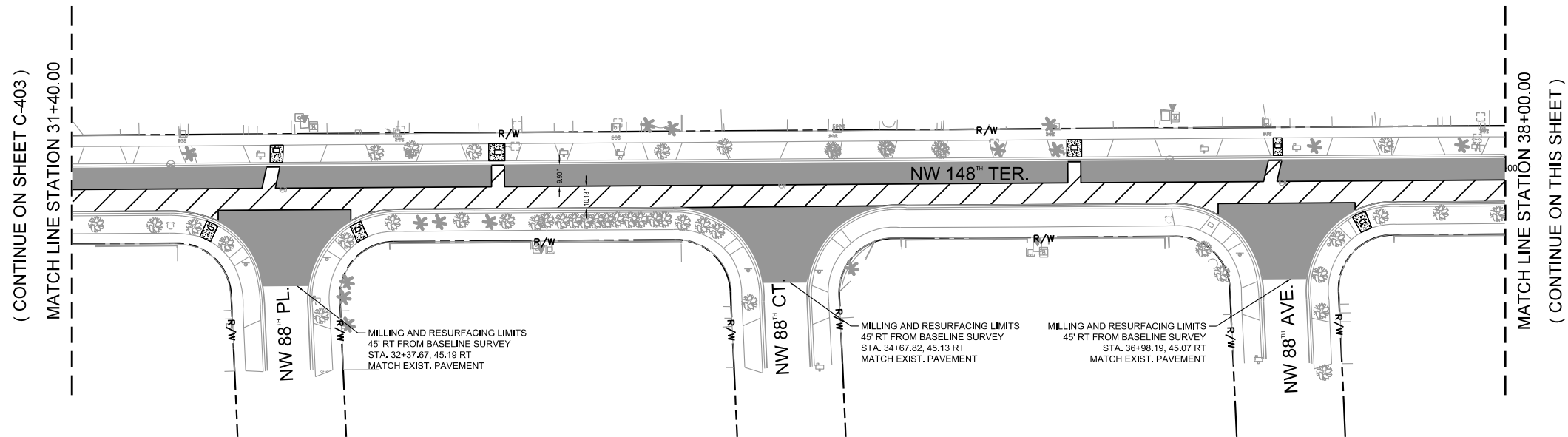
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MILLING AND RESURFACING LIMITS  
STA. 30+10, BL NW 148TH ST.  
MATCH EXIST. PAVEMENT

LEGEND:			
	MILLING & RESURFACING		
	EXISTING RIGHT OF WAY		
	ASPHALT PAVEMENT RESTORATION AS PER MDPW DETAIL R 21.1		
	CATCH BASIN PAVING. SEE DETAIL ON SHEET C-307		


NW 148 <sup>TH</sup> STREET													
R E V I S I O N S						 <b>MARLIN</b> ENGINEERING	<b>MARLIN ENGINEERING INC.</b>		NAME	DATE	<b>TOWN OF MIAMI LAKES</b> <b>DRAINAGE IMPROVEMENTS</b>	<b>PAVING PLAN</b>	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		<b>1700 NW 66th Avenue</b> <b>Plantation, Florida 33313</b> <b>(954) 870-5070 C.A. No. 6104</b> <b>Jose Santiago, P.E. No. 60248</b>	DESIGNED BY					C-402
								DRAWN BY					
								CHECKED BY					

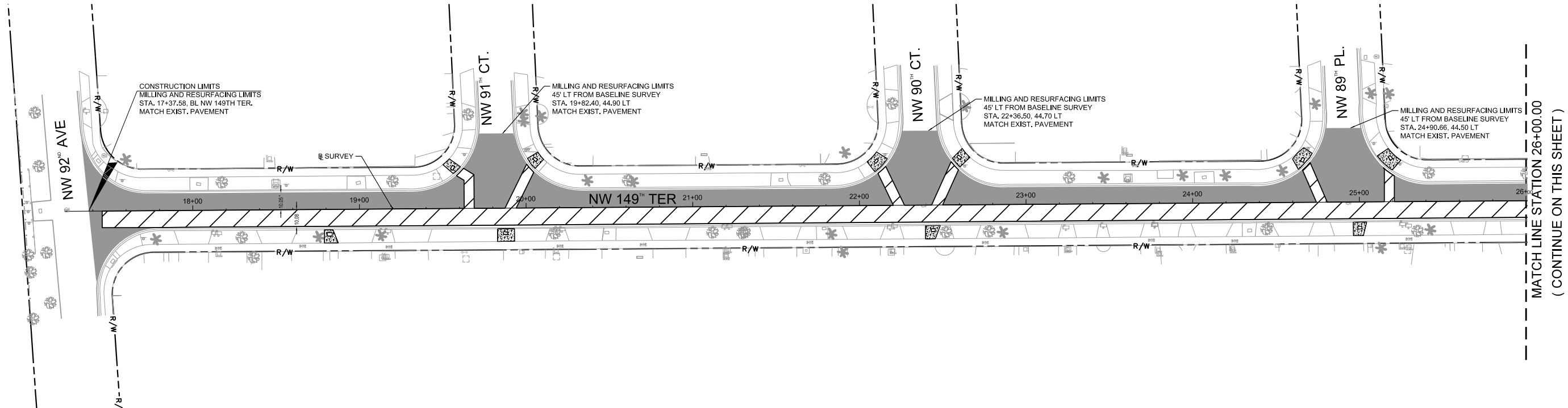
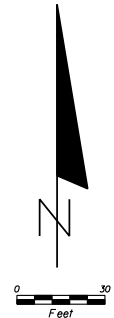






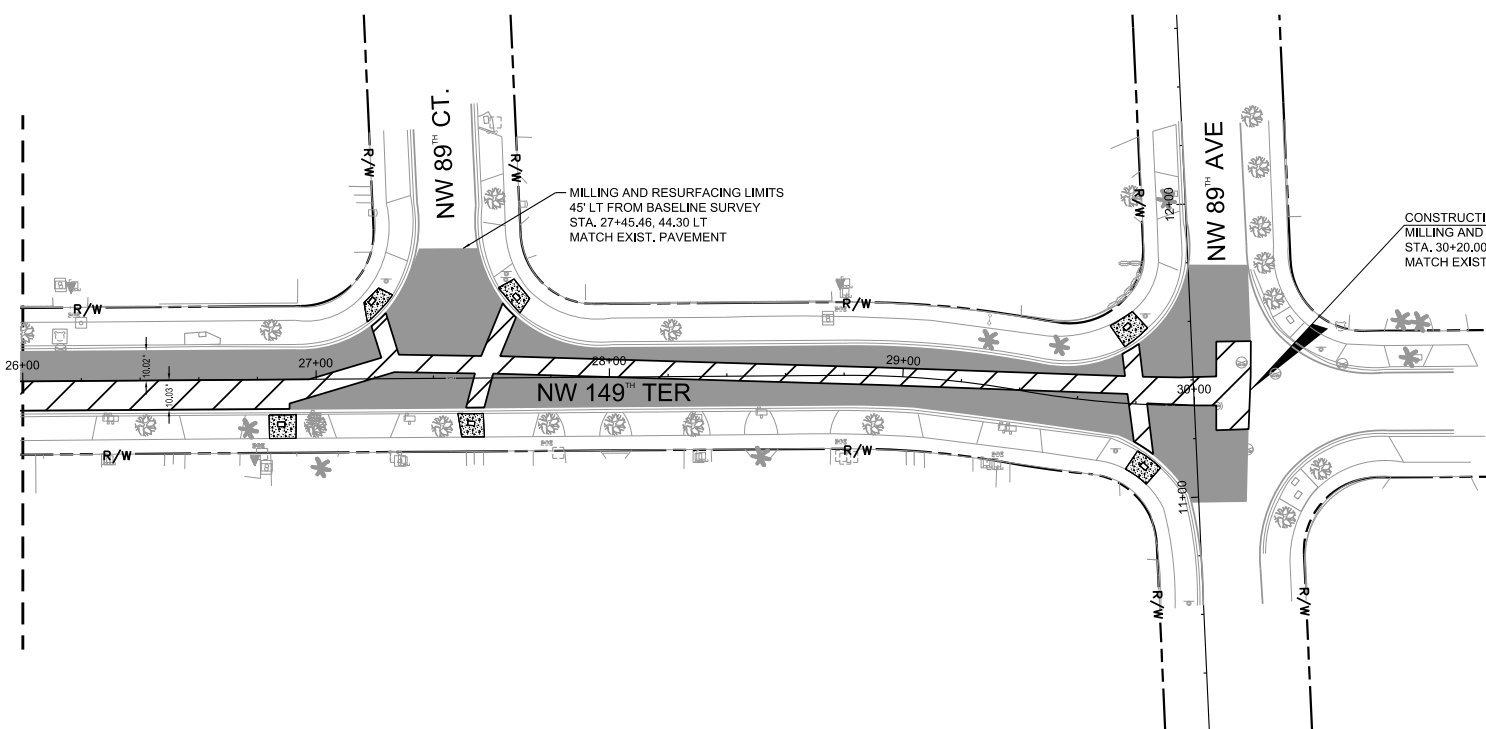
LEGEND:	
	MILLING & RESURFACING
	EXISTING RIGHT OF WAY
	ASPHALT PAVEMENT RESTORATION AS PER MDPW DETAIL R 21.1
	CATCH BASIN PAVING. SEE DETAIL ON SHEET C-307

NW 148 <sup>TH</sup> TERRACE													
REVISIONS							MARLIN ENGINEERING INC.		NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	PAVING PLAN	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY					C-404
							Jose Santiago, P.E. No. 60248	DRAWN BY					
								CHECKED BY					



MATCH LINE STATION 26+00.00  
( CONTINUE ON THIS SHEET )

( CONTINUE ON THIS SHEET )  
MATCH LINE STATION 26+00.00



CONSTRUCTION LIMITS  
MILLING AND RESURFACING LIMITS  
STA. 30+20.00, BL NW 149TH TER  
MATCH EXIST. PAVEMENT

LEGEND:

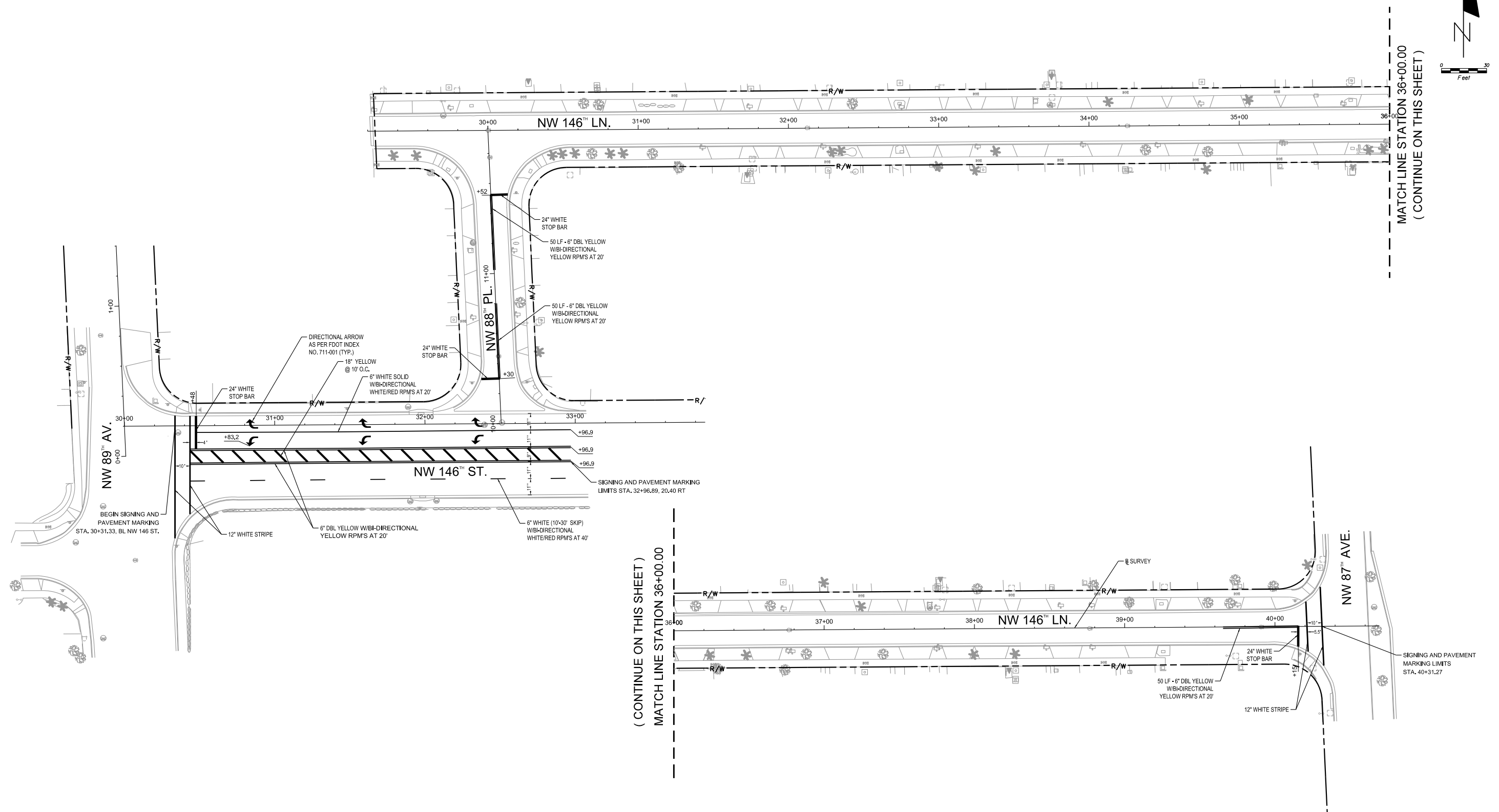
MILLING & RESURFACING

EXISTING RIGHT OF WAY

ASPHALT PAVEMENT RESTORATION  
AS PER MDPW DETAIL R 21.1

CATCH BASIN PAVING. SEE DETAIL  
ON SHEET C-307

NW 149 <sup>TH</sup> TERRACE													
REVISIONS						<div>MARLIN ENGINEERING INC. 1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104 Jose Santiago, P.E. No. 60248</div>	MARLIN ENGINEERING INC.		NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	PAVING PLAN	SHEET NUMBER  C-405
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		DESIGNED BY						
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							CHECKED BY						



**NW 146<sup>TH</sup> LANE**

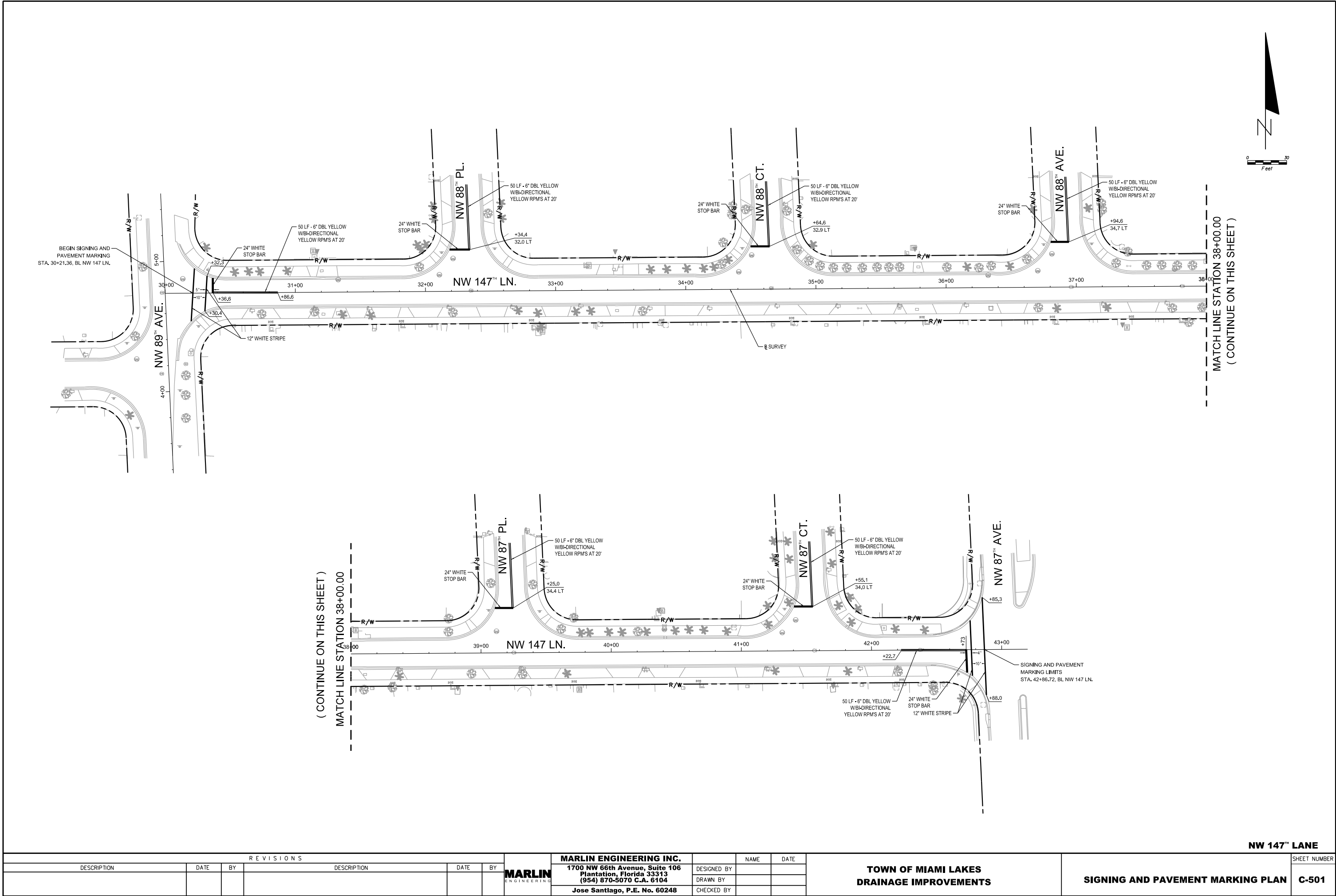
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**MARLIN ENGINEERING INC.**  
1700 NW 66th Avenue, Suite 106  
Plantation, Florida 33313  
(954) 870-5070 C.A. 6104  
**Jose Santiago, P.E. No. 60248**

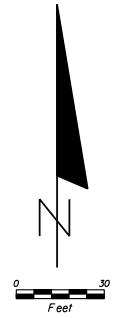
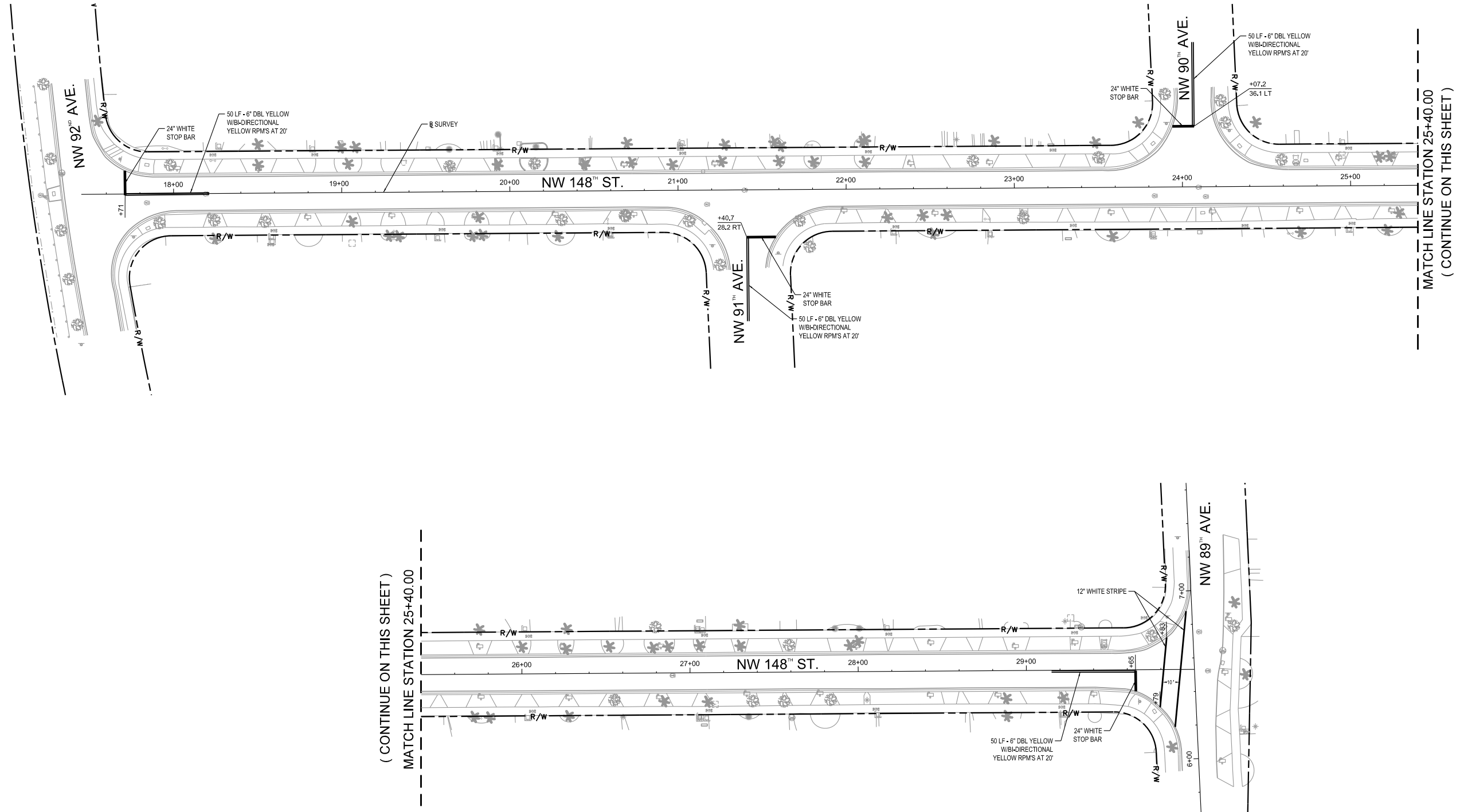
NAME	DATE

## TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS

**C-500**



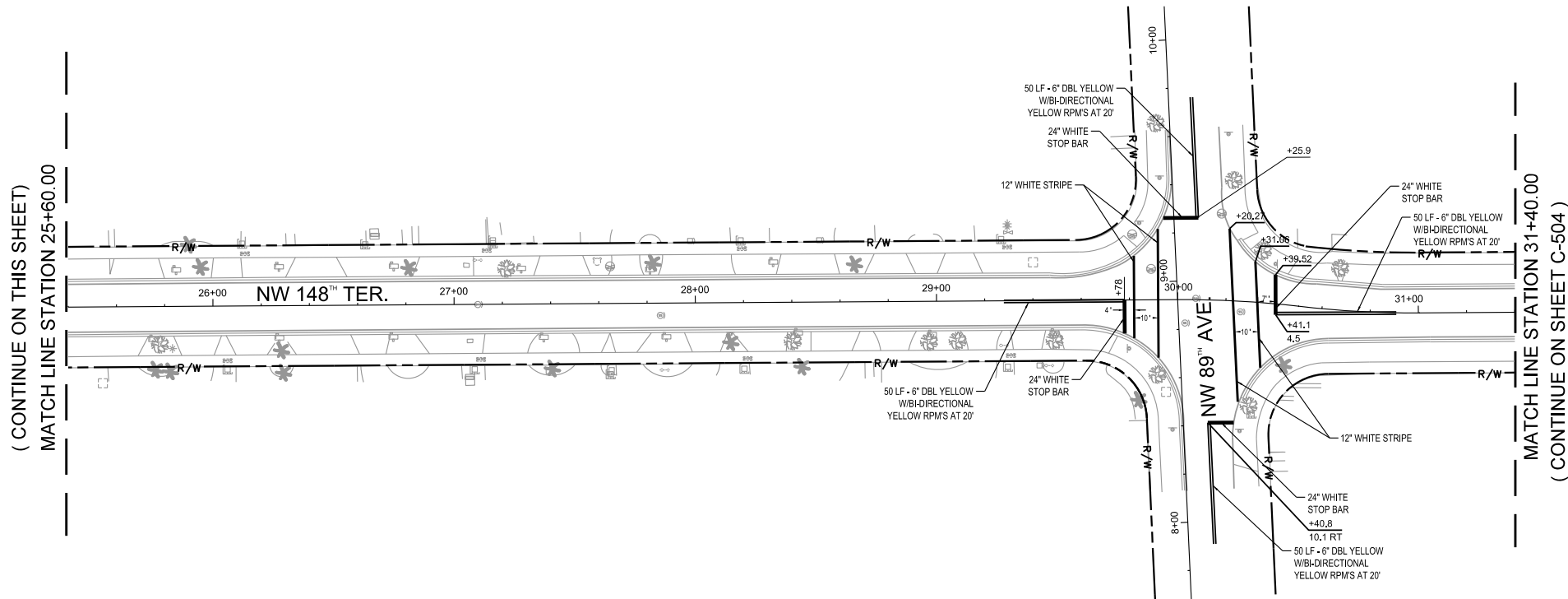
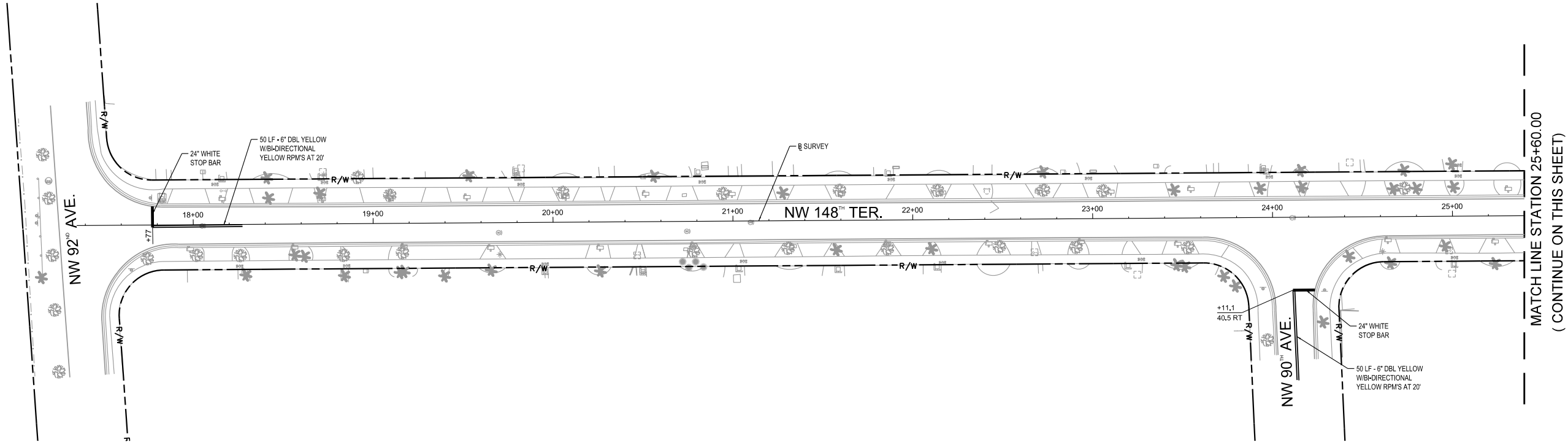
REVISIONS										<div>MARLIN ENGINEERING</div>	MARLIN ENGINEERING INC.			TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	SIGNING AND PAVEMENT MARKING PLAN	NW 147 <sup>TH</sup> LANE	
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY	1700 NW 66th Avenue, Suite 106 Plantation, Florida 33313 (954) 870-5070 C.A. 6104	DESIGNED BY	NAME	DATE		SHEET NUMBER						
							DRAWN BY										
						Jose Santiago, P.E. No. 60248	CHECKED BY					C-501					



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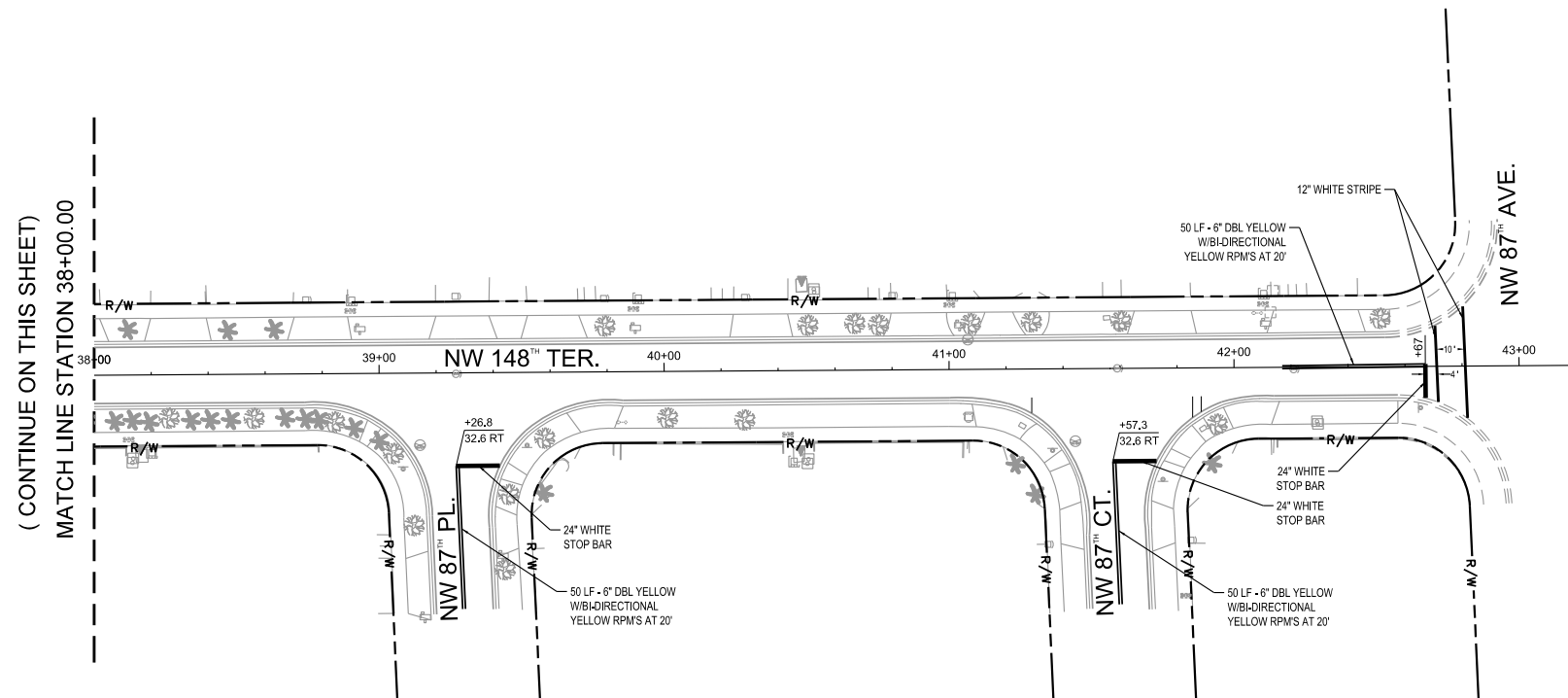
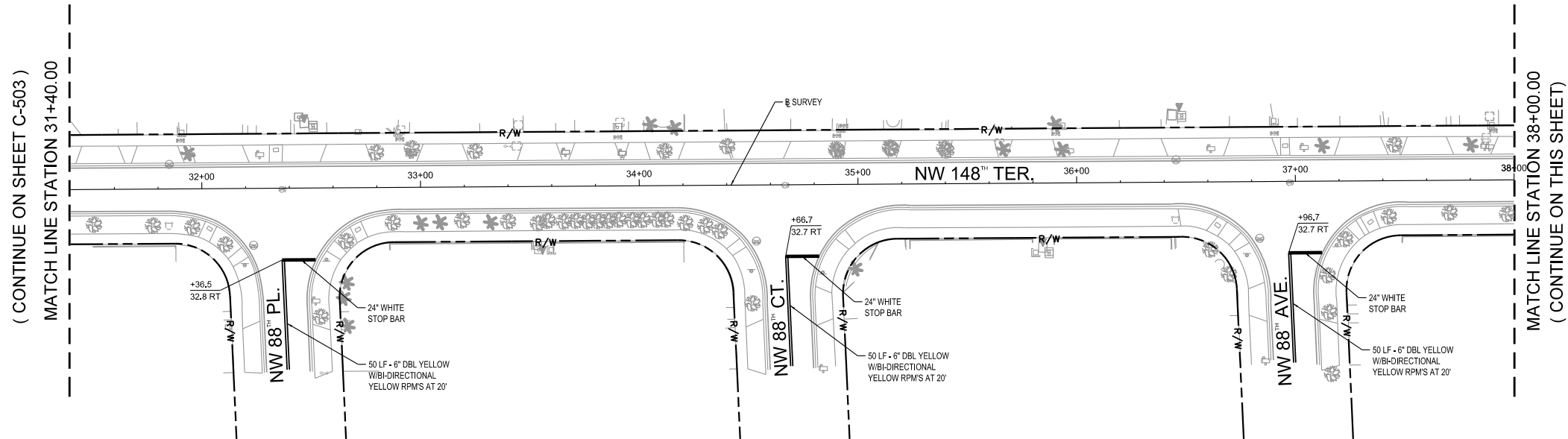
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NW 148 <sup>TH</sup> STREET													
REVISIONS						<div>MARLIN ENGINEERING</div>	MARLIN ENGINEERING INC.		NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	SIGNING AND PAVEMENT MARKING PLAN	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue, Suite 106 Plantation, Florida 33313 (954) 870-5070 C.A. 6104	DESIGNED BY					C-502
							Jose Santiago, P.E. No. 60248	DRAWN BY					
								CHECKED BY					



NW 148<sup>TH</sup> TERRACE

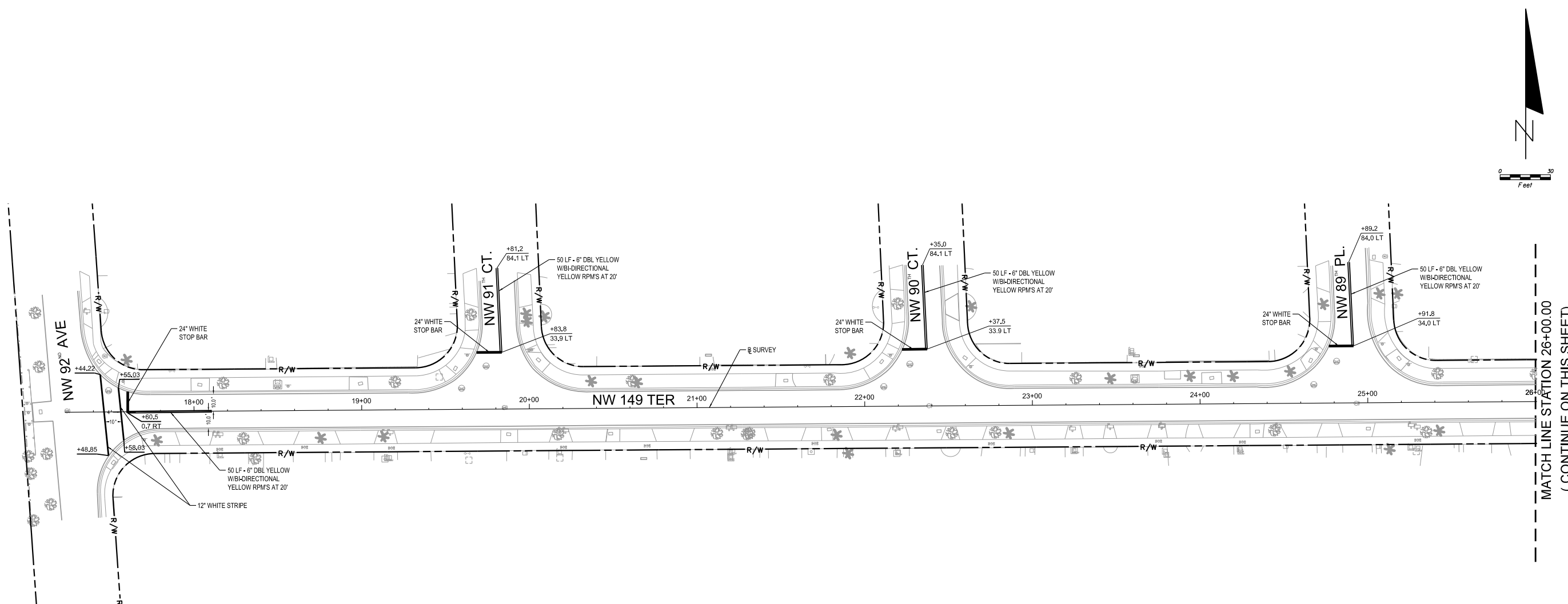
R E V I S I O N S						<div>MARLIN ENGINEERING</div>	MARLIN ENGINEERING INC.		NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	SIGNING AND PAVEMENT MARKING PLAN	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue, Suite 106 Plantation, Florida 33313 (954) 870-5070 C.A. 6104	DESIGNED BY					C-503
							Jose Santiago, P.E. No. 60248	DRAWN BY					
								CHECKED BY					



NW 148<sup>TH</sup> TERRACE

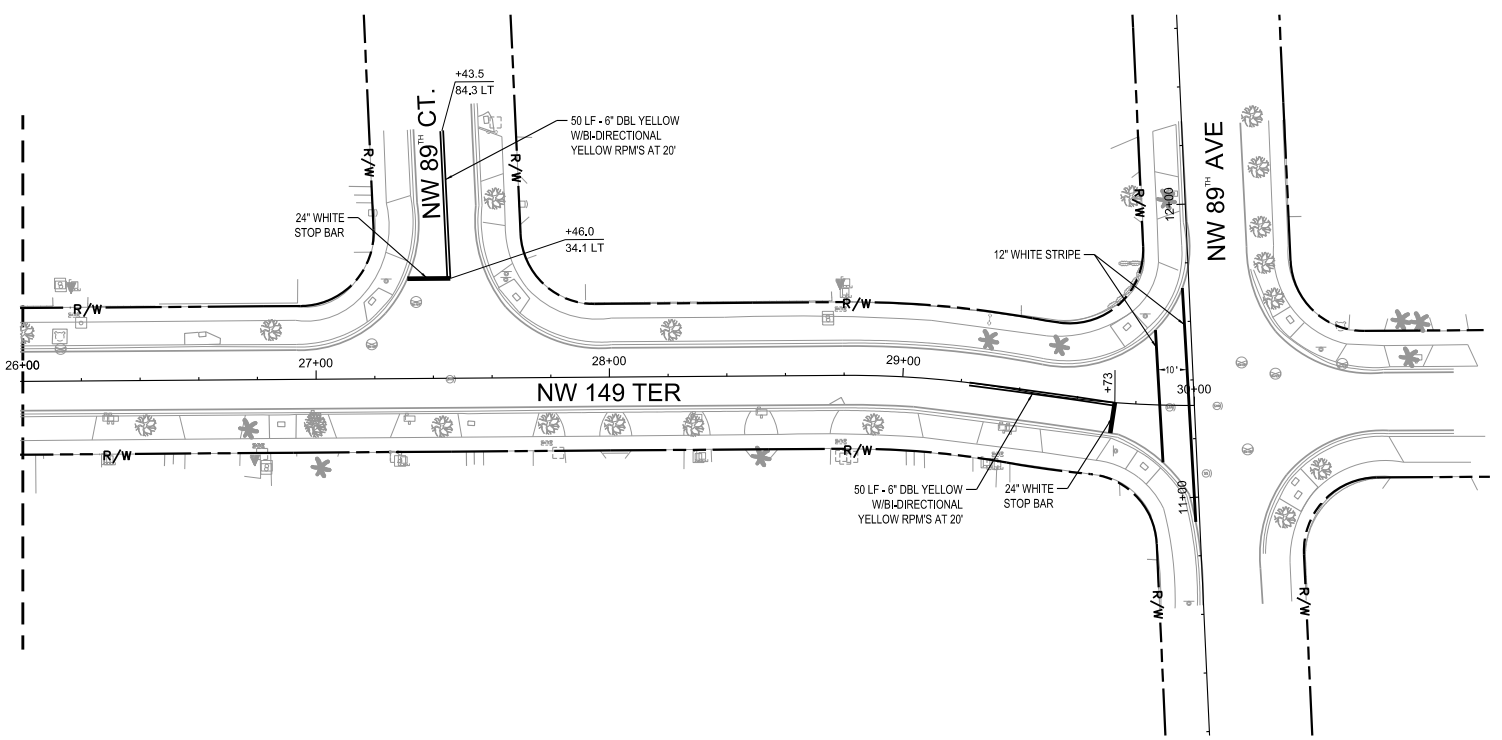
REVISIONS							MARLIN ENGINEERING INC. 1700 NW 66th Avenue, Suite 106 Plantation, Florida 33313 (954) 870-5070 C.A. 6104 Jose Santiago, P.E. No. 60248	DESIGNED BY	NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	SIGNING AND PAVEMENT MARKING PLAN	SHEET NUMBER C-504
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MATCH LINE STATION 26+00.00  
(CONTINUE ON THIS SHEET)

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MATCH LINE STATION 26+00.00



NW 149<sup>TH</sup> TERRACE

REVISIONS						<div>MARLIN ENGINEERING 1700 NW 66th Avenue, Suite 106 Plantation, Florida 33313 (954) 870-5070 C.A. 6104 Jose Santiago, P.E. No. 60248</div>	NAME		TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	SIGNING AND PAVEMENT MARKING PLAN	SHEET NUMBER C-505
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY						
							DESIGNED BY				
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							CHECKED BY				

TRAFFIC CONTROL GENERAL NOTES

1.- TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE FLORIDA DOT STANDARD PLANS FOR ROADWAY CONSTRUCTION (STANDARD PLANS - INDEX 102) AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 EDITION) AS MINIMUM CRITERIA.

2.- THE CONTRACTOR SHALL IMMEDIATELY REPAIR ALL POTHOLES 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 1, MAINTENANCE OF TRAFFIC.

3.- 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.

4.- ROADWAY CLOSURES SHALL OCCUR FROM:  
8:00 AM TO 7:00 PM - MONDAYS THRU FRIDAYS  
8:00 AM TO 9:00 PM - SATURDAYS  
NO WORK TO BE PERFORMED ON SUNDAYS

5.- ALL STREETS SHALL REMAIN OPEN AND MAINTAIN TWO WAY TRAFFIC DURING NONWORKING HOURS UNLESS APPROVED BY THE ENGINEER AND THE TOWN OF MIAMI LAKES.

6.- REGULATORY SPEED ESTABLISHED WITHIN DETOUR LIMITS SHALL REMAIN THE SAME AS EXISTING POSTED SPEED.

7.- 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 1, MAINTENANCE OF TRAFFIC.

8.- 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 TEMPORARILY REMOVING, RELOCATING, COVERING AND RESTORING THE SIGNS SHALL BE INCLUDED IN PAY ITEM 1, MAINTENANCE OF TRAFFIC.

9.- EACH EXISTING STREET NAME AND STOP SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AND MAINTAINED IN AN APPROPRIATE LOCATION FOR THE DURATION 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 1, MAINTENANCE OF TRAFFIC.

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

11.- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING AT HIS OWN EXPENSE ANY ITEMS DAMAGED DUE TO HIS PERSONNEL OR EQUIPMENT INSIDE AND/OR OUTSIDE OF THE CONSTRUCTION AREA.

12.- CONTRACTOR SHALL INSURE THAT ALL MUD OR ANY OTHER TYPE OF DEBRIS IS CLEANED FROM ADJACENT ROADWAYS (WHERE APPLICABLE) AT THE END OF EACH DAY. CONTRACTORS SHALL BE LIABLE FOR ANY PERSONAL OR PROPERTY DAMAGE CAUSED BY ANY TYPE OF DEBRIS LEFT ON ROADWAYS AND/OR PEDESTRIAN WAYS.

13.- CONTRACTOR SHALL AVOID DAMAGING EXISTING IRRIGATION SYSTEMS. IN CASE OF DAMAGE, THE CONTRACTOR SHALL REPLACE IRRIGATION SYSTEMS TO MATCH EXISTING CONDITIONS AND LOCATION AT HIS EXPENSE.

14.- CONTRACTOR SHALL COMPLY WITH THE TOWN OF MIAMI LAKES NOISE ORDINANCE. ANY EXCEPTIONS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT FOR APPROVAL IN WRITING.

15.- ALL CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOW OF MUD ONTO ANY PUBLIC RIGHT-OF-WAY. THIS SHALL REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS REQUIRE. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED ON TO PUBLIC RIGHT-OF-WAY OR INTO STORM DRAINS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.

16.- THE CONTRACTOR SHALL NOT CLOSE MORE THAN ONE STREET AT A TIME.

17.- BEFORE BEGINING CONSTRUCTION ON A NEW STREET, THE CONTRACTOR MUST AT LEAST COMPLETE THE CONSTRUCTION OF THE DRAINAGE SYSTEM AND THE ROADWAY BASE ON THE PREVIOUS STREET.

18. THE CONTRACTOR SHALL ALLOW VEHICULAR AND PEDESTRAIN ACCESS AT ALL TIMES.

19.- THE CONTRACTOR SHALL NOT TRENCH MORE THAN WHAT HE/SHE CAN RESTORE THE SAME DAY.

20. -THE CONTRACTOR SHALL PROVIDE TEMPORARY PAVEMENT MARKINGS WITHIN THE SAME DAY THEY WERE REMOVED DUE TO CONSTRUCTION.

21. -THE CONTRACTOR SHALL PROVIDE THE ENGINEER A DETOUR ROUTE 72 HOURS IN ADVANCE FOR APPROVAL WHEN CLOSING A STREET FOR CONSTRUCTION.

DROP OFFS:

22.- FOR DROP OFFS, THE CONTRACTOR'S ATTENTION IS DIRECTED TO CURRENT FDOT STANDARD PLAN INDEX 102-600, SHEET 9 OF 12.

INTERSECTIONS:

23.- ADJACENT INTERSECTIONS SHALL NOT BE CONSTRUCTED SIMULTANEOUSLY UNLESS DIRECTED BY THE ENGINEER.

ADVANCE CONSTRUCTION NOTICE:

24.- THE CONTRACTOR SHALL FURNISH AND MAINTAIN ADVANCE WARNING MESSAGE SIGNS L-1 AND L-2 TWO WEEKS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL USE ADVANCE WARNING MESSAGE SIGNS L-3 AND L-4 DURING CONSTRUCTION. ALL ADVANCE WARNING SIGNS SHALL HAVE TWO TYPE B HIGH INTENSITY FLASHING WARNING LIGHTS AS INDICATED HEREINAFTER.

PEDESTRIANS:

25.- DURING THE ENTIRE CONSTRUCTION OF THE PROJECT, ANY DROP OFF ADJACENT TO THE EXISTING SIDEWALK SHALL BE BACKFILLED FLUSHED WITH THE SIDEWALK OR SHALL BE PROTECTED WITH BARRICADES.

26.- CHANNELIZING DEVICES SHALL BE USED TO PREVENT PEDESTRIAN FROM ENTERING THE WORK ZONE. COST SHALL BE INCLUDED IN PAY ITEM 1, MAINTENANCE OF TRAFFIC.

PHASE 1: CONSTRUCTION OF DRAINAGE SYSTEM/ROADWAY BASE (DETOUR)

1.- PLACE ALL TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNING NECESSARY TO CLOSE THE ROADWAY AND PROVIDE DETOUR.

2.- DETOUR TRAFFIC.

3.- CONSTRUCT DRAINAGE SYSTEM AND RECONSTRUCT PAVEMENT EXCLUDING ASPHALT OPERATIONS.

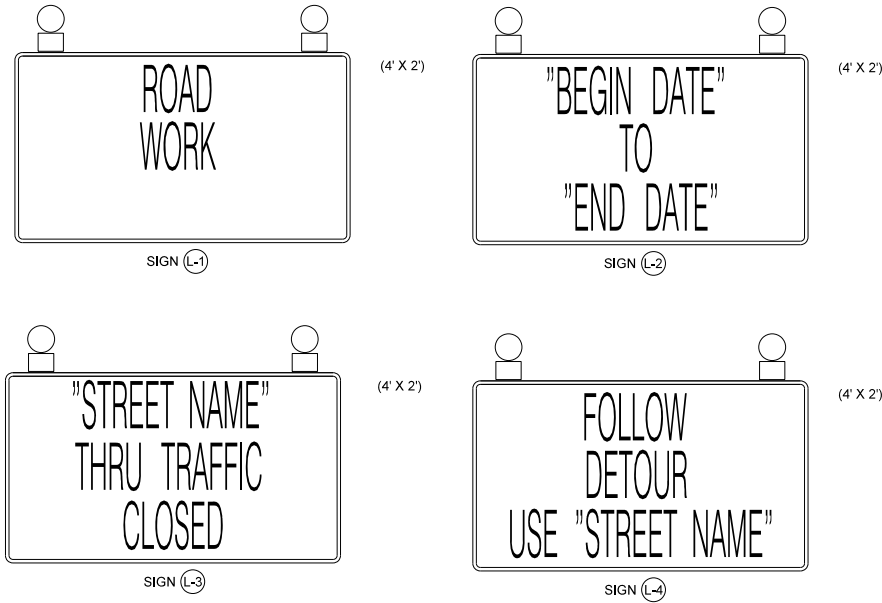
PHASE 2: ROADWAY ASPHALT OPERATIONS (LANE CLOSURE)

1.- PLACE ALL TRAFFIC CONTROL DEVICES AND TEMPORARY SIGNING NECESSARY TO MAINTAIN TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY FLAGGING OPERATIONS AS PER FDOT STANDARD PLAN INDEX 102-603.

2.- PERFORM ASPHALT OPERATIONS.

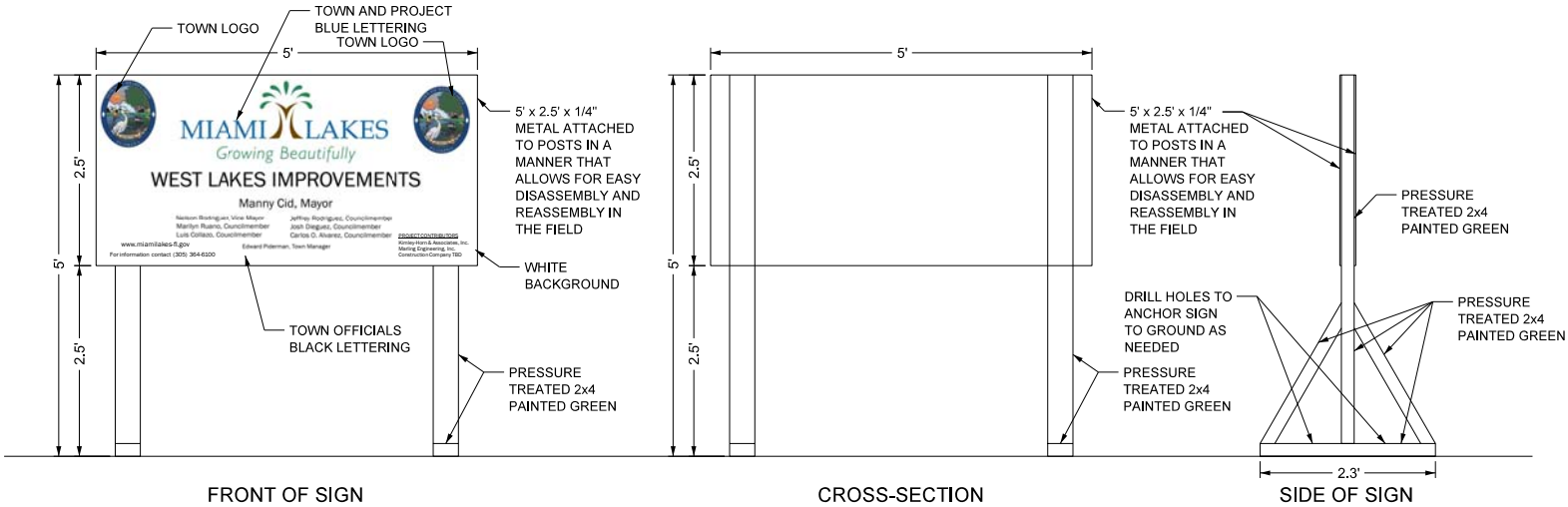
3.- PLACE PAVEMENT MARKINGS.

4.- OPEN ROADWAY TO TWO-WAY TRAFFIC



\*- CONTRACTOR SHALL COORDINATE WITH ENGINEER FOR THE PLACEMENT OF POST-MOUNTED SINGS.

PROJECT CONSTRUCTION SIGN



						<div>MARLIN ENGINEERING</div>	MARLIN ENGINEERING INC.			NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	TRAFFIC CONTROL PLAN GENERAL NOTES	SHEET NUMBER
DESCRIPTION			DATE	BY	1700 NW 66th Avenue, Suite 106 Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104			DESIGNED BY			C-600			
								DRAWN BY						
					Jose Santiago, P.E. No. 60248			CHECKED BY						

BEST MANAGEMENT PRACTICES (BMPS):

THIS PLAN HAS BEEN PREPARED TO ENSURE COMPLIANCE WITH APPROPRIATE CONDITIONS OF THE MIAMI-DADE COUNTY LAND DEVELOPMENT REGULATIONS, THE RULES OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP), CHAPTER 17-25, F.A.C., THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD), CHAPTER 400-4, F.A.C. AND THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) DOCUMENT NO. EPA 832/R-92-005 (SEPTEMBER 1992). THE PLAN ADDRESSES THE FOLLOWING:

- A. PREVENT LOSS OF SOIL DURING CONSTRUCTION BY STORMWATER RUNOFF AND/OR WIND EROSION, INCLUDING PROTECTING TOPSOIL BY STOCKPILING FOR REUSE.
- B. SEDIMENT PROTECTION OF STORM SEWER OR RECEIVING STREAM.
- C. PREVENT POLLUTING THE AIR WITH DUST AND PARTICULATE MATTER. THE VARIOUS TECHNIQUES OR ACTIONS IDENTIFIED UNDER EACH SECTION INDICATE THE APPROPRIATE SITUATION WHEN THE TECHNIQUES SHOULD BE EMPLOYED. ALSO IDENTIFIED IS A CROSS -REFERENCE TO A DIAGRAM OR FIGURE REPRESENTING THE TECHNIQUE. IT SHOULD BE NOTED THAT THE MEASURES IDENTIFIED ON THIS PLAN ARE ONLY SUGGESTED BMP(S). THE CONTRACTOR SHALL PROVIDE POLLUTION PREVENTION AND EROSION CONTROL MEASURES AS SPECIFIED IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS. CONTRACTOR SHALL PREPARE REQUIRED NPDES DOCUMENTATION AND OBTAIN PERMIT PRIOR TO COMMENCEMENT OF CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO PREPARE THE REQUIRED NPDES DOCUMENT AND OBTAIN THE NPDES PERMIT. ALL COST ASSOCIATED WITH SUCH WORK SHALL BE DEEMED INCIDENTAL TO THE PROJECT LUMP SUM COST.

GENERAL EROSION CONTROL NOTES:

- A. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THESE EROSION CONTROL DRAWINGS, THE STANDARD DETAILS, THE NPDES PERMIT (TO BE OBTAINED BY CONTRACTOR) AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- B. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THIS DRAWING AND THE STATE OF FLORIDA NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- C. CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMP) IN ALL CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

1. FUEL SPILLS AND LEAKS PREVENTION

2. PREVENT/REDUCE VEHICLE AND EQUIPMENT WASHING AND STEAM CLEANING

3. VEHICLE AND EQUIPMENT MAINTENANCE AND REPAIR

4. PROPER OUTDOOR LOADING/UNLOADING OF MATERIALS

5. PREVENT/REDUCE OUTDOOR STORAGE OF RAW MATERIALS, PRODUCTS, AND BY-PRODUCTS

6. SOLID WASTE MANAGEMENT

7. HAZARDOUS WASTE MANAGEMENT

8. CONCRETE WASTE MANAGEMENT

9. SANDBLASTING WASTE MANAGEMENT

10. STRUCTURE CONSTRUCTION AND PAINTING

11. SPILL PREVENTION AND CONTROL

12. CONTAMINATED SOIL MANAGEMENT

13. SANITARY/SEPTIC WASTE MANAGEMENT

14. SOIL EROSION CONTROL

15. STORM WATER TURBIDITY MANAGEMENT

ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.

- D. BEST MANAGEMENT PRACTICES (BMPS) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- E. SITE MAP MUST CLEARLY DELINEATE ALL STATE WATERS. CONTRACTOR MUST MAINTAIN ALL PERMITS FOR ANY CONSTRUCTION ACTIVITY IMPACTING STATE WATERS OR REGULATED WETLANDS ON SITE AT ALL TIMES.
- F. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- G. CONTRACTOR SHALL BEGIN CLEARING AND GRUBBING THOSE PORTIONS OF THE SITE NECESSARY TO IMPLEMENT PERIMETER CONTROL MEASURES. CLEARING AND GRUBBING FOR THE REMAINING PORTIONS OF THE PROPOSED SITE SHALL COMMENCE ONCE PERIMETER CONTROLS ARE IN PLACE. PERIMETER CONTROLS SHALL BE ACTIVELY MAINTAINED UNTIL SAID AREAS HAVE BEEN STABILIZED AND SHALL BE REMOVED ONCE FINAL STABILIZATION IS COMPLETE.
- H. GENERAL EROSION CONTROL BMPS SHALL BE EMPLOYED TO MINIMIZE SOIL EROSION AND POTENTIAL LAKE SLOPE CAVE-INS. WHILE THE VARIOUS TECHNIQUES REQUIRED WILL BE SITE AND PLAN SPECIFIC, THEY SHOULD BE EMPLOYED AS SOON AS POSSIBLE DURING CONSTRUCTION.
- I. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- J. SURFACE WATER QUALITY SHALL BE MAINTAINED BY EMPLOYING THE FOLLOWING BMP'S IN THE CONSTRUCTION PLANNING AND CONSTRUCTION OF ALL IMPROVEMENTS.

STORM WATER EROSION CONTROL PRACTICES:

- A. CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT FROM DETENTION PONDS AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- B. SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- C. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (COMPOST SOCK DEVICES, ETC.) TO PREVENT EROSION.
- D. WHERE PRACTICAL, STORMWATER SHALL BE CONVEYED BY SWALES.
- E. EROSION CONTROL MEASURES SHALL BE EMPLOYED TO MINIMIZE TURBIDITY OF SURFACE WATERS LOCATED DOWNSTREAM OF ANY CONSTRUCTION ACTIVITY. WHILE THE VARIOUS MEASURES REQUIRED WILL BE SITE SPECIFIC, THEY SHALL BE EMPLOYED AS NEEDED IN ACCORDANCE WITH THE FOLLOWING:

1. IN GENERAL, EROSION SHALL BE CONTROLLED AT THE FURTHEST PRACTICAL UPSTREAM LOCATION.

2. STORMWATER INLETS SHALL BE PROTECTED DURING CONSTRUCTION. PROTECTION MEASURES SHALL BE EMPLOYED AS SOON AS PRACTICAL DURING THE VARIOUS STAGES OF INLET CONSTRUCTION. SILT BARRIERS SHALL REMAIN IN PLACE UNTIL SODDING AROUND INLETS IS COMPLETE.

3. WHEN NEEDED A TEMPORARY SEDIMENT TRAP SHOULD BE CONSTRUCTED TO DETAIN SEDIMENT-LADEN RUNOFF FROM DISTURBED AREAS.
- F. SILT BARRIERS, ANY SILT WHICH ACCUMULATES BEHIND THE BARRIERS, AND ANY FILL USED TO ANCHOR THE BARRIERS SHALL BE REMOVED PROMPTLY AFTER THE END OF THE MAINTENANCE PERIOD SPECIFIED FOR THE BARRIERS.
- G. SLOPES OF BANKS OF RETENTION/DETENTION PONDS SHALL BE CONSTRUCTED NOT STEEPER THAN 3H:1V FROM TOP OF BANK TO TWO FEET BELOW NORMAL WATER LEVEL, AS APPLICABLE.
- H. SOD SHALL BE PLACED FOR A 2-FOOT WIDE STRIP ADJOINING ALL CURBING AND AROUND ALL INLETS. SOD SHALL BE PLACED BEFORE SILT BARRIERS ARE REMOVED.
- I. WHERE REQUIRED TO PREVENT EROSION FROM SHEET FLOW ACROSS BARE GROUND FROM ENTERING A LAKE OR SWALE, A TEMPORARY SEDIMENT SUMP SHALL BE CONSTRUCTED.
- J. FILTER FABRIC SHOULD BE USED FOR STORM DRAIN INLET PROTECTION BEFORE FINAL STABILIZATION.

WIND EROSION CONTROL PRACTICES:

- A. WIND EROSION SHALL BE CONTROLLED BY EMPLOYING THE FOLLOWING METHODS AS NECESSARY AND APPROPRIATE:

1. BARE EARTH AREAS SHALL BE WATERED DURING CONSTRUCTION AS NECESSARY TO MINIMIZE THE TRANSPORT OF FUGITIVE DUST. IT MAY BE NECESSARY TO LIMIT CONSTRUCTION VEHICLE SPEED IF BARE EARTH HAS NOT BEEN EFFECTIVELY WATERED. IN NO CASE SHALL FUGITIVE DUST BE ALLOWED TO LEAVE THE SITE UNDER CONSTRUCTION.

2. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED (SEE PERMANENT STABILIZATION PRACTICES FOR DETAILS). THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN. CLEARED SITE DEVELOPMENT AREAS NOT CONTINUALLY SCHEDULED FOR CONSTRUCTION ACTIVITIES SHALL BE COVERED WITH HAY OR OVERSEEDED AND PERIODICALLY WATERED SUFFICIENTLY TO STABILIZE THE TEMPORARY GROUNDCOVER (SEE TEMPORARY STABILIZATION PRACTICES FOR DETAILS).

3. AT ANY TIME BOTH DURING AND AFTER SITE CONSTRUCTION THAT WATERING AND/OR VEGETATION ARE NOT EFFECTIVE IN CONTROLLING WIND EROSION AND/OR TRANSPORT OF FUGITIVE DUST, OTHER METHODS AS ARE NECESSARY FOR SUCH CONTROL SHALL BE EMPLOYED. THESE METHODS SHOULD INCLUDE ERECTION OF DUST CONTROL FENCES. A 6-FT GEOTEXTILE FILTER FIBER SHOULD BE HANGING AGAINST THE EXISTING CHAIN LINK FENCE AND GATE.
- B. ALL DUST ON THE SITE SHALL BE CONTROLLED. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.

STABILIZATION PRACTICES:

SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO. 62-621.300(4)(a)

STRUCTURAL PRACTICES:

SHALL BE IN ACCORDANCE WITH DEP DOCUMENT NO. 62-621.300(4)(a)

WASTE DISPOSAL:

- A. WASTE MATERIALS - ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER WITH A SECURE LID IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE SHALL BE DEPOSITED IN THE DUMPSTER. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITIES TO HAVE THE DUMPSTER EMPTIED AT LEAST TWICE A WEEK AND THE WASTE TAKEN TO AN APPROPRIATE LANDFILL. NO CONSTRUCTION WASTE MATERIALS SHALL BE BURIED ON SITE. THE SUPERINTENDENT SHALL ORGANIZE TRAINING FOR THE EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH WASTE MATERIALS. THE SUPERINTENDENT SHALL BE RESPONSIBLE FOR POSTING AND ENFORCING WASTE MATERIAL PROCEDURES.
- B. HAZARDOUS WASTE - HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS OR AS DIRECTED BY THE MANUFACTURER. THE SUPERINTENDENT SHALL ORGANIZE THE PROPER TRAINING FOR EMPLOYEES IN THE PROPER PRACTICES WHEN DEALING WITH HAZARDOUS WASTE MATERIALS. THESE PROCEDURES SHALL BE POSTED ON THE SITE. THE PERSON WHO MANAGES THE SITE SHALL BE RESPONSIBLE FOR ENFORCING THE PROCEDURES.
- C. SANITARY WASTE - SANITARY WASTE SHALL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL AND STATE LAWS. THE SUPERINTENDENT SHALL COORDINATE WITH THE LOCAL UTILITY FOR COLLECTION OF THE SANITARY WASTE AT LEAST THREE TIMES A WEEK TO PREVENT SPILLAGE ONTO THE SITE.
- D. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE INTO DRAINAGE DITCHES OR WATERS OF THE STATE.

OFFSITE TRACKING:

- A. STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROVIDED TO REDUCE SEDIMENT TRACKING OFFSITE. THE MAJOR ROAD CONNECTED TO THE PROJECT SHALL BE CLEANED ONCE A DAY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK RESULTING FROM CONSTRUCTION TRAFFIC. ALL TRUCKS HAULING MATERIALS OFFSITE SHALL BE COVERED WITH A TARPULIN.
- B. GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATION PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES. HEAVY CONSTRUCTION EQUIPMENT PARKING AND MAINTENANCE AREAS SHALL BE DESIGNED TO PREVENT OIL, GREASE, AND LUBRICANTS FROM ENTERING SITE DRAINAGE FEATURES INCLUDING STORMWATER COLLECTION AND TREATMENT SYSTEMS. CONTRACTORS SHALL PROVIDE BROAD DIKES, HAY BALES OR SILT SCREENS AROUND, AND SEDIMENT SUMPS WITHIN, SUCH AREAS AS REQUIRED TO CONTAIN SPILLS OF OIL, GREASE OR LUBRICANTS. CONTRACTORS SHALL HAVE AVAILABLE, AND SHALL USE, ABSORBENT FILTER PADS TO CLEAN UP SPILLS AS SOON AS POSSIBLE AFTER OCCURRENCE.
- C. ALL WASH WATER FROM CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC. SHALL BE DETAINED ON SITE AND SHALL BE PROPERLY TREATED OR DISPOSED.
- D. IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- E. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

SPILL CLEAN UP:

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED ABOVE, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

- A. SPILL CLEANUP INFORMATION SHALL BE POSTED ON SITE TO INFORM EMPLOYEES ABOUT CLEANUP PROCEDURES AND RESOURCES.
- B. THE FOLLOWING CLEAN-UP EQUIPMENT MUST BE KEPT ON-SITE NEAR THE MATERIAL STORAGE AREA: GLOVES, MOPS, RAGS, BROOMS, DUST PANS, SAND, SAWDUST, LIQUID ABSORBER, GOGGLES, AND TRASH CONTAINERS.
- C. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOTATION BOOMS SHALL BE MAINTAINED ONSITE AND READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- D. ALL SPILLS SHALL BE CLEANED UP AS SOON AS POSSIBLE.
- E. WHEN CLEANING A SPILL, THE AREA SHOULD BE WELL VENTILATED AND THE EMPLOYEE SHALL WEAR PROPER PROTECTIVE COVERING TO PREVENT INJURY.
- F. TOXIC SPILLS MUST BE REPORTED TO THE PROPER AUTHORITY REGARDLESS OF THE SIZE OF THE SPILL.
- G. AFTER A SPILL, THE PREVENTION PLAN SHALL BE REVIEWED AND CHANGED TO PREVENT FURTHER SIMILAR SPILLS FROM OCCURRING. THE CAUSE OF THE SPILL, MEASURES TO PREVENT IT, AND HOW TO CLEAN THE SPILL UP SHALL BE RECORDED.
- H. THE SUPERINTENDENT SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR AND IS RESPONSIBLE FOR THE DAY TO DAY SITE OPERATIONS. THE SUPERINTENDENT ALSO OVERSEES THE SPILL PREVENTION PLAN AND SHALL BE RESPONSIBLE FOR EDUCATING THE EMPLOYEES ABOUT SPILL PREVENTION AND CLEANUP PROCEDURES.

MAINTENANCE:

- ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.5" RAINFALL EVENT, AND CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:
- A. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
- B. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEDED AS NEEDED.
- C. THE COMPOST SOCK FILTRATION DEVICE SHALL BE INSPECTED PERIODICALLY FOR HEIGHT OF SEDIMENT AND CONDITION OF DEVICE. COMPOST SOCK SHALL BE REPAIRED TO ITS ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE COMPOST SOCK WHEN IT REACHES ONE-THIRD THE HEIGHT OF THE COMPOST SOCK.
- D. THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- E. THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- F. OUTLET STRUCTURES IN THE SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. THE SEDIMENT BASINS/DITCHES SHALL BE CHECKED MONTHLY FOR DEPTH OF SEDIMENT. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 10% AND AFTER CONSTRUCTION IS COMPLETE.
- G. ALL MAINTENANCE OPERATIONS SHALL BE DONE IN A TIMELY MANNER BUT IN NO CASE LATER THAN SEVEN CALENDAR DAYS FOLLOWING THE INSPECTION.
- H. DIVERSION DIKES SHALL BE INSPECTED MONTHLY. ANY BREACHES SHALL BE PROMPTLY REPAIRED.
- I. A MAINTENANCE REPORT SHALL BE COMPLETED DAILY AFTER EACH INSPECTION OF THE SEDIMENT AND EROSION CONTROL METHODS. THE REPORTS SHALL BE FILED IN AN ORGANIZED MANNER AND RETAINED ON-SITE DURING CONSTRUCTION. AFTER CONSTRUCTION IS COMPLETED, THE REPORTS SHALL BE SAVED FOR AT LEAST THREE YEARS. THE REPORTS SHALL BE AVAILABLE FOR ANY AGENCY THAT HAS JURISDICTION OVER EROSION CONTROL.
- J. ALL REPAIRS MUST BE MADE WITHIN 24 HOURS OF REPORT.
- K. THE SUPERINTENDENT SHALL ORGANIZE THE TRAINING FOR INSPECTION PROCEDURES AND PROPER EROSION CONTROL METHODS FOR EMPLOYEES THAT COMPLETE INSPECTIONS AND REPORTS.

SPILL PREVENTION AND CONTROL:

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

- A. GOOD HOUSEKEEPING

1. SUPERINTENDENT SHALL INSPECT PROJECT AREA DAILY FOR PROPER STORAGE, USE, AND DISPOSAL OF CONSTRUCTION MATERIALS.

2. STORE ONLY ENOUGH MATERIAL ON SITE FOR PROJECT COMPLETION.

3. ALL SUBSTANCES SHOULD BE USED BEFORE DISPOSAL OF CONTAINER.

4. ALL CONSTRUCTION MATERIALS STORED SHALL BE ORGANIZED AND IN THE PROPER CONTAINER AND IF POSSIBLE, STORED UNDER A ROOF OR PROTECTIVE COVER.

5. PRODUCTS SHALL NOT BE MIXED UNLESS DIRECTED BY THE MANUFACTURER.

6. ALL PRODUCTS SHALL BE USED AND DISPOSED OF ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
- B. HAZARDOUS PRODUCTS

1. MATERIALS SHOULD BE KEPT IN ORIGINAL CONTAINER WITH LABELS UNLESS THE ORIGINAL CONTAINERS CANNOT BE RESEALED. IF ORIGINAL CONTAINERS CANNOT BE USED, LABELS AND PRODUCT INFORMATION SHALL BE SAVED.

2. PROPER DISPOSAL PRACTICES SHALL ALWAYS BE FOLLOWED IN ACCORDANCE WITH MANUFACTURER AND LOCAL/STATE REGULATIONS.
- C. PRODUCT SPECIFIC PRACTICES

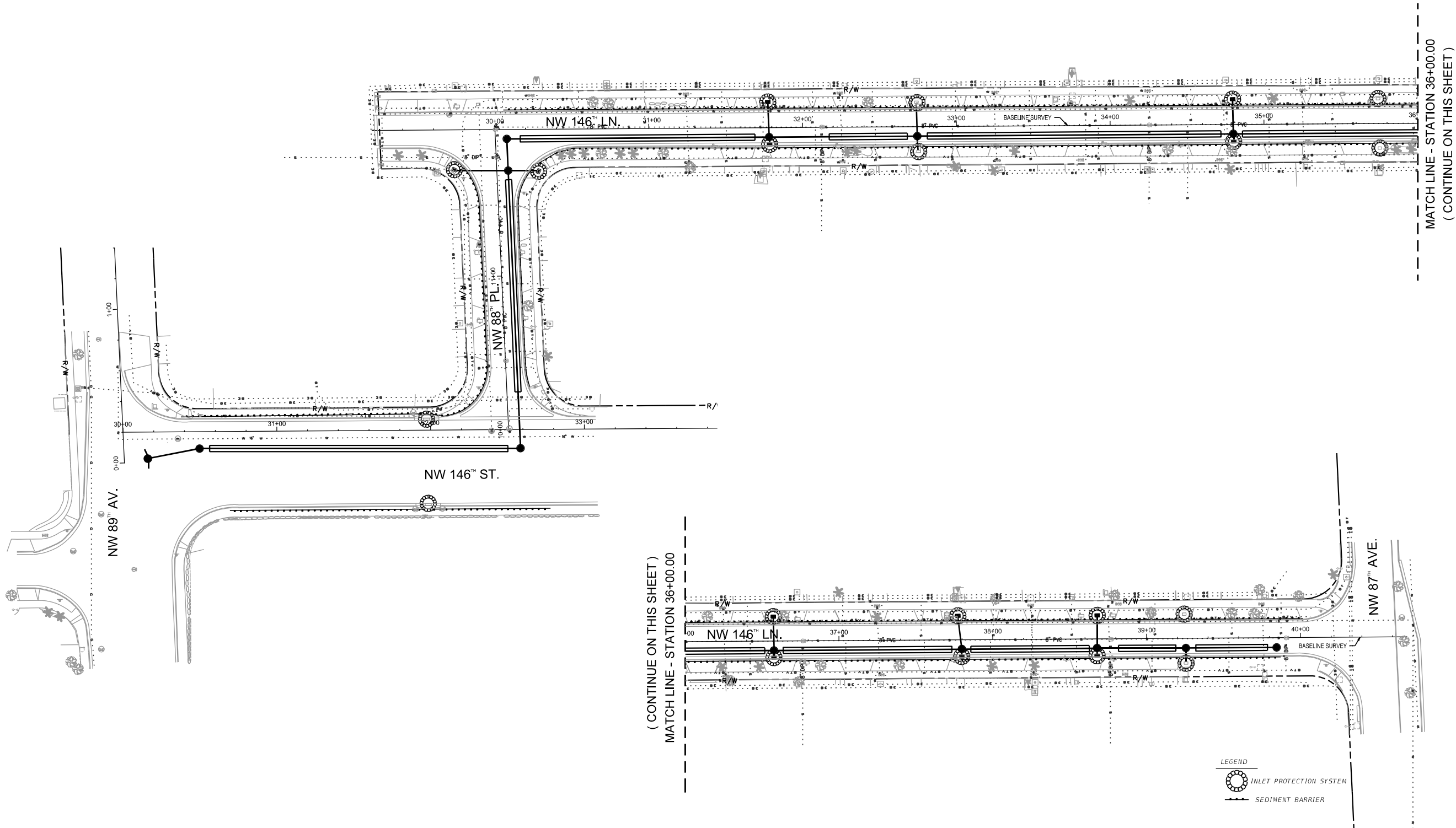
1. PETROLEUM PRODUCTS MUST BE STORED IN PROPER CONTAINERS AND CLEARLY LABELED. VEHICLES CONTAINING PETROLEUM PRODUCTS SHALL BE PERIODICALLY INSPECTED FOR LEAKS. PRECAUTIONS SHALL BE TAKEN TO AVOID LEAKAGE OF PETROLEUM PRODUCTS ON SITE.

2. THE MINIMUM AMOUNT OF FERTILIZER SHALL BE USED AND MIXED INTO THE SOIL IN ORDER TO LIMIT EXPOSURE TO STORM WATER. FERTILIZERS SHALL BE STORED IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

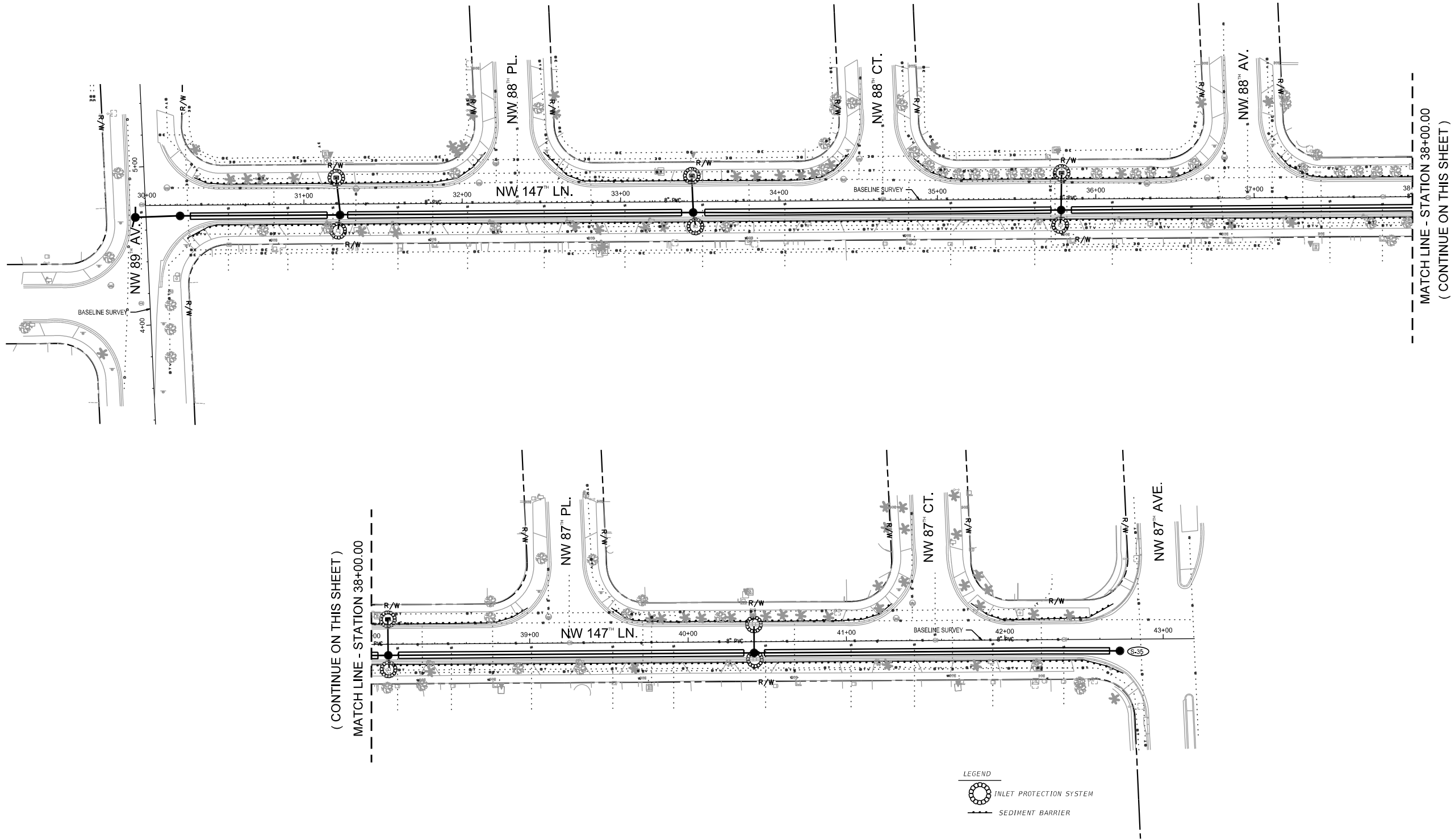
3. PAINT CONTAINERS SHALL BE SEALED AND STORED WHEN NOT IN USE. EXCESS PAINT MUST BE DISPOSED OF IN AN APPROVED MANNER.



4. CONCRETE TRUCKS SHALL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE SITE.


R E V I S I O N S								MARLIN ENGINEERING INC.		NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	EROSION AND SEDIMENT CONTROL NOTES	SHEET NUMBER  C-700
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY			1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY					
								Jose Santiago, P.E. No. 60248	DRAWN BY					
									CHECKED BY					

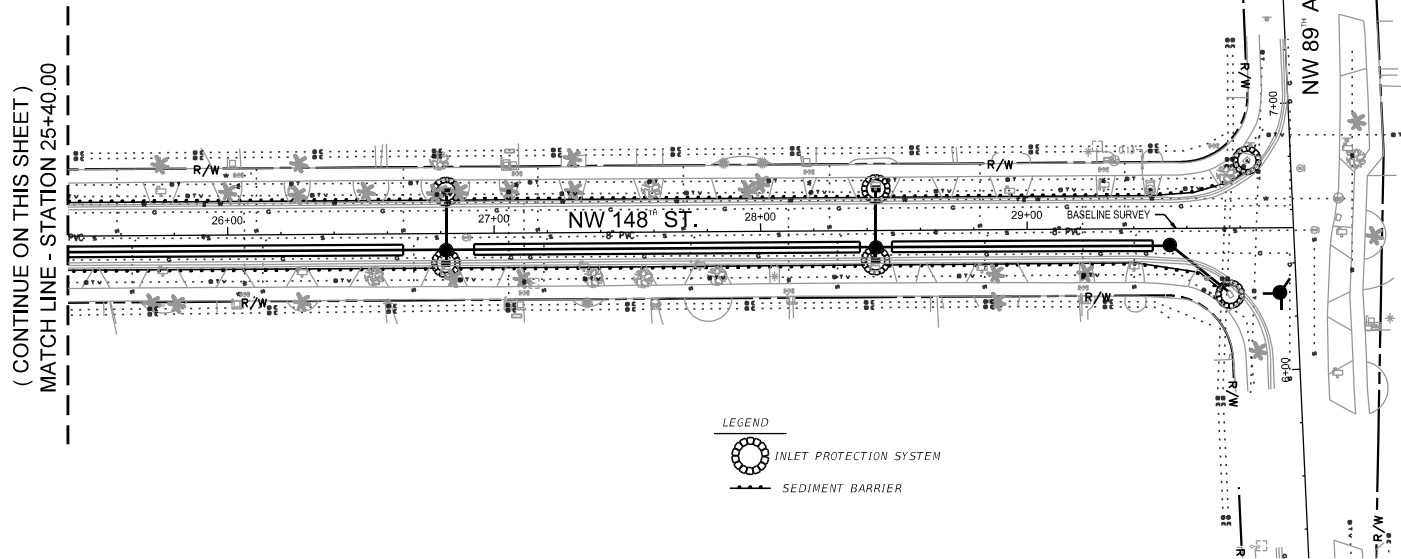
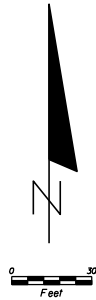
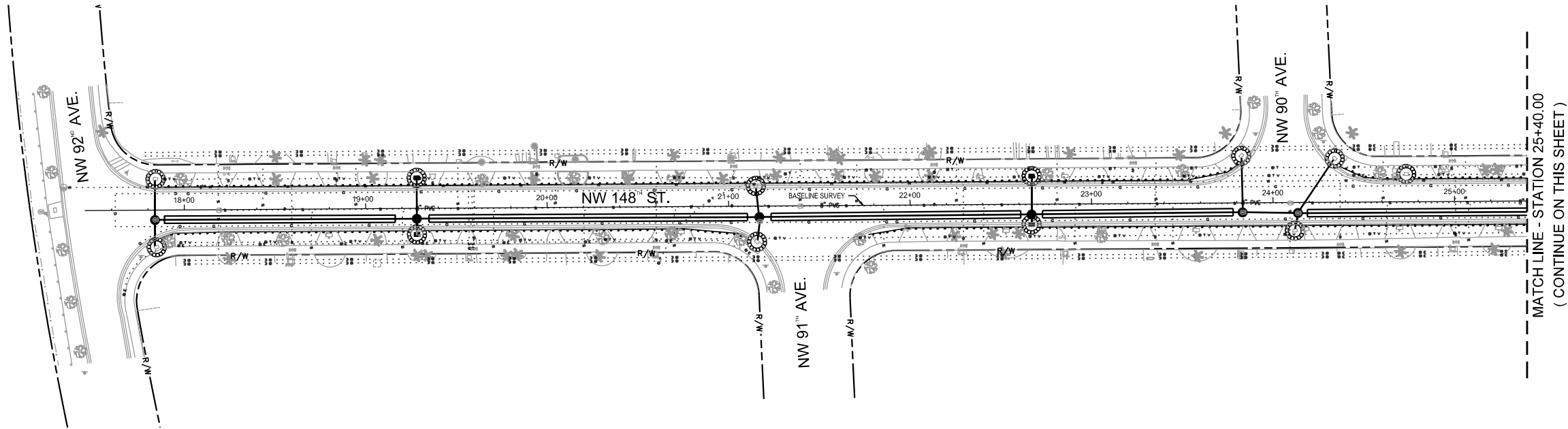



NW 146TH LANE													
REVISIONS						<div>MARLIN ENGINEERING</div>	MARLIN ENGINEERING INC.			TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER	
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY	NAME			DATE	C-701
							Jose Santiago, P.E. No. 60248	DRAWN BY					
								CHECKED BY					

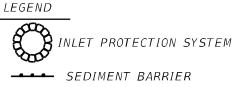
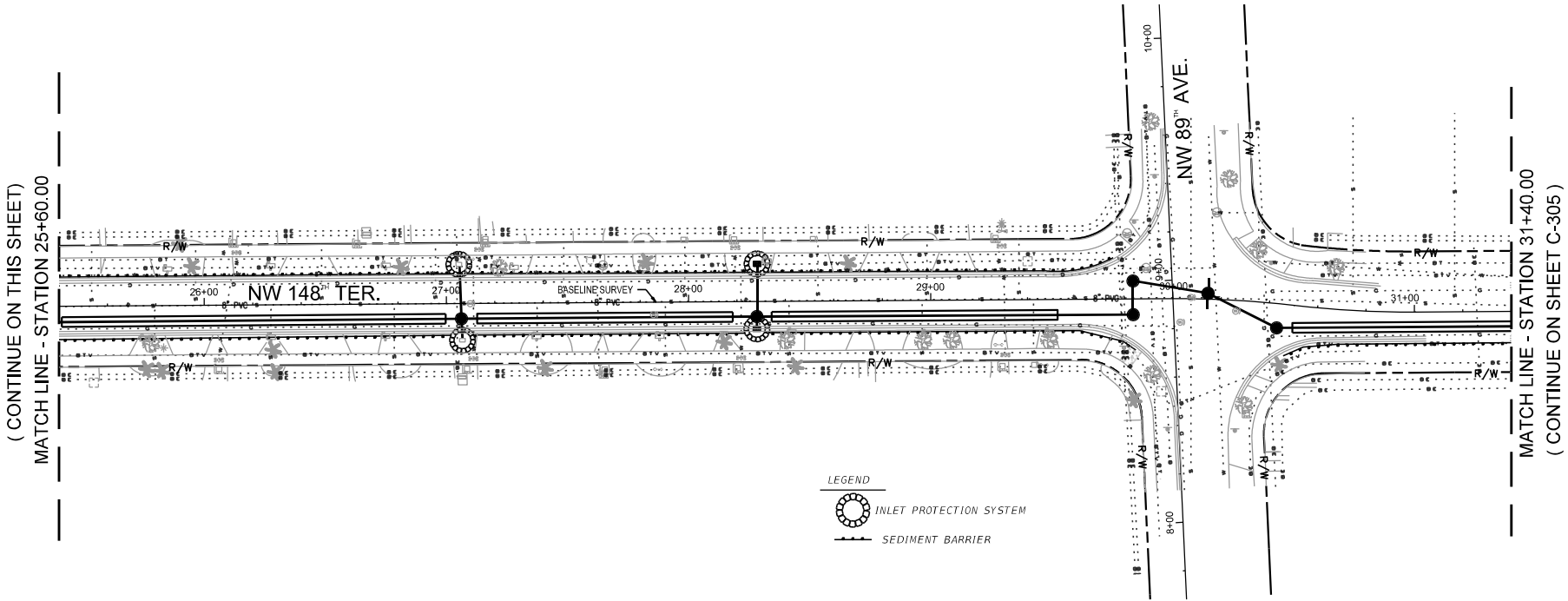
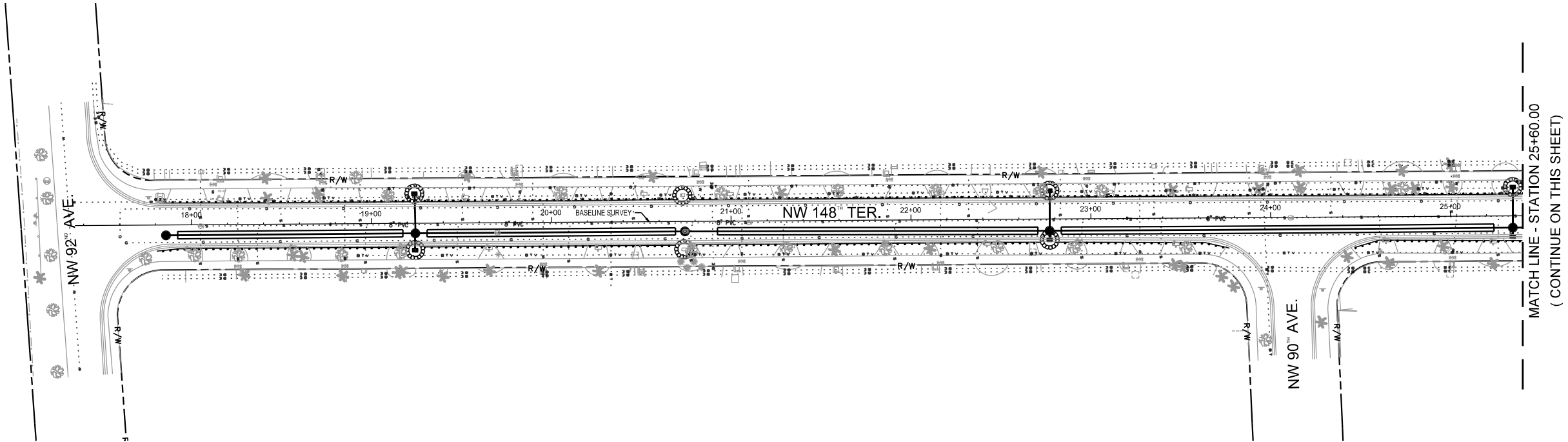



- LEGEND
-  INLET PROTECTION SYSTEM
  -  SEDIMENT BARRIER

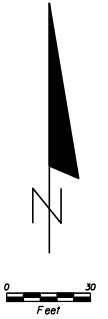
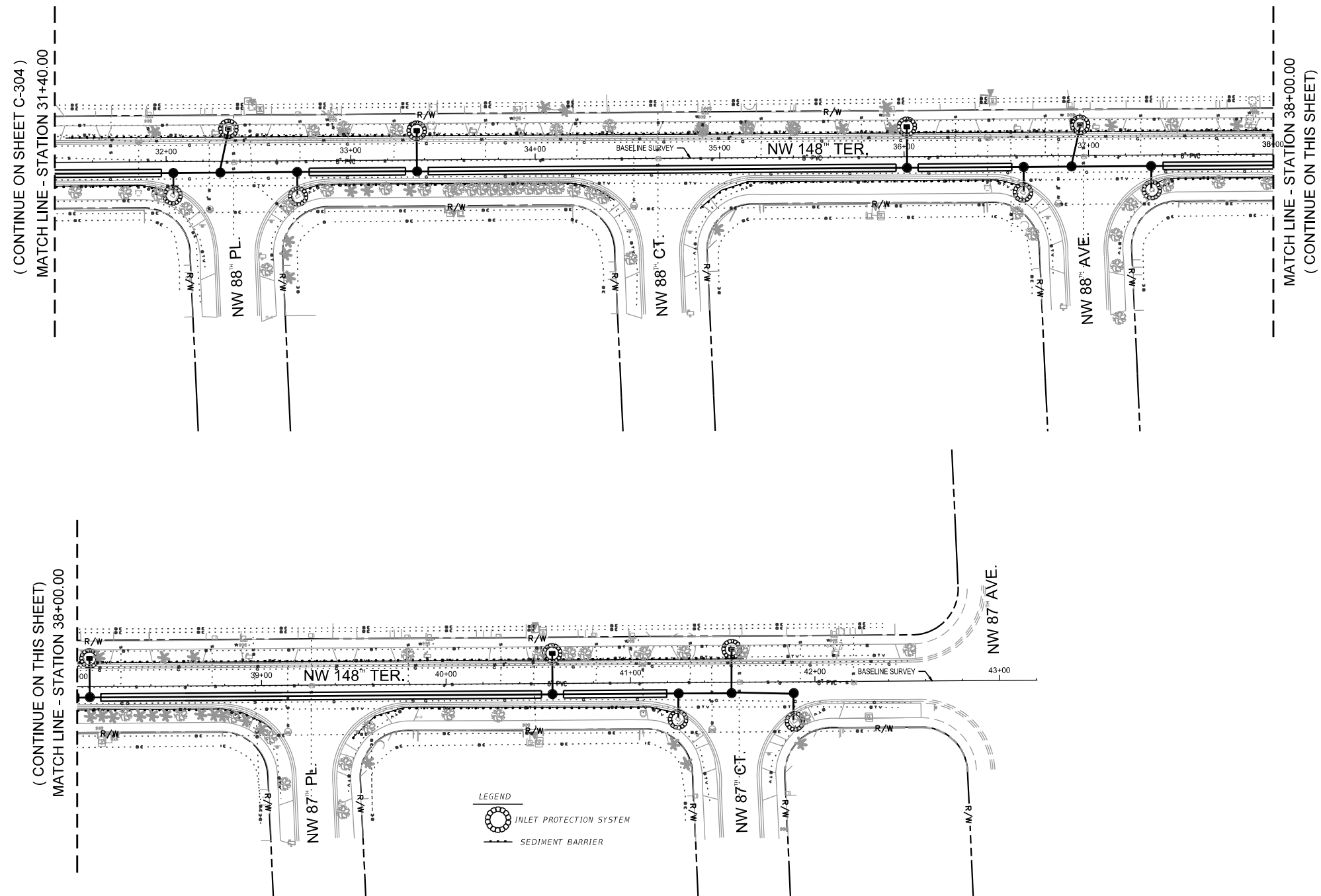
NW 147TH LANE													
REVISIONS							MARLIN ENGINEERING INC.		NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY					C-702
							Jose Santiago, P.E. No. 60248	DRAWN BY					
								CHECKED BY					




REVISIONS						MARLIN ENGINEERING INC.			TOWN OF MIAMI LAKES		EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER  C-703
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY	NAME	DATE		
							Jose Santiago, P.E. No. 60248	DRAWN BY				
								CHECKED BY				

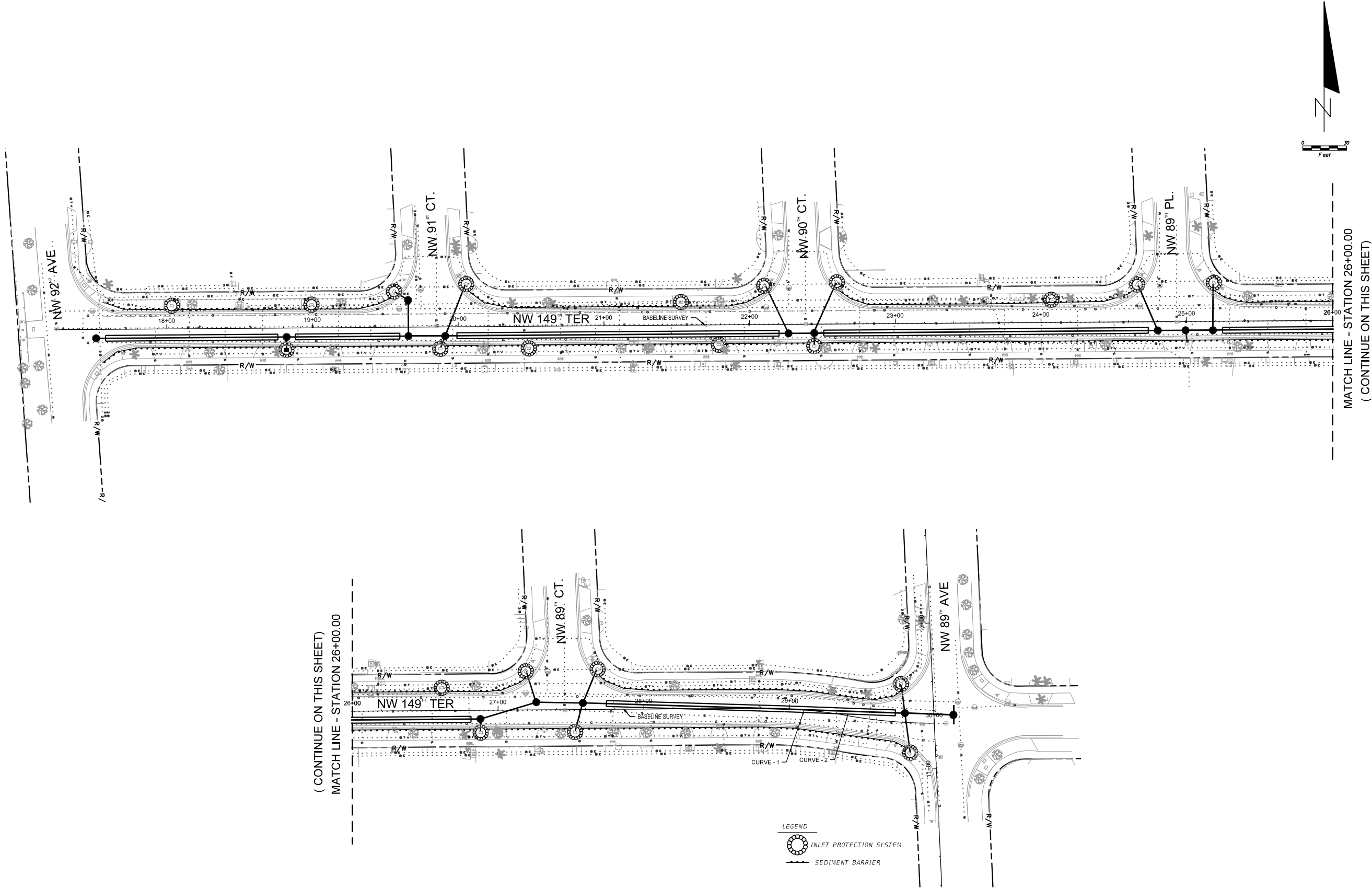


NW 148TH TERRACE													
REVISIONS							MARLIN ENGINEERING INC.		NAME	DATE	TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY					C-704
							Jose Santiago, P.E. No. 60248	DRAWN BY					
								CHECKED BY					



NW 148TH TERRACE												
R E V I S I O N S						 <b>MARLIN ENGINEERING INC.</b> 1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104 Jose Santiago, P.E. No. 60248		NAME	DATE	<b>TOWN OF MIAMI LAKES</b>  <b>DRAINAGE IMPROVEMENTS</b>	<b>EROSION AND SEDIMENT CONTROL PLAN</b>	SHEET NUMBER
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		DESIGNED BY:					C-705
							DRAWN BY:					
							CHECKED BY:					





NW 149TH TERRACE													
REVISIONS						<div>MARLIN ENGINEERING</div>	MARLIN ENGINEERING INC.			TOWN OF MIAMI LAKES DRAINAGE IMPROVEMENTS	EROSION AND SEDIMENT CONTROL PLAN	SHEET NUMBER  C-706	
DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY		1700 NW 66th Avenue Plantation, Florida 33313 (954) 870-5070 C.A. No. 6104	DESIGNED BY	NAME				DATE
							DRAWN BY						
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