

# **Miami Shores Village**



## **Request for Proposal**

**No. 2021-02-01**

**“N.E. 96<sup>th</sup> Street from N.E. 2<sup>nd</sup> Ave to N.E. 10<sup>th</sup>  
Ave – Roadway Improvements”**

**RFP Sealed Qualification Acceptance:  
March 17, 2021, 2:00 P.M.**

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Miami Shores Village, Florida (the “Village”) invites qualified firms to submit proposals to provide:

Construction services for a roadway improvement of approximately 1 mile along N.E. 96th Street between N.E. 2nd Avenue and N.E. 10th Avenue per plans and specifications. The project includes primarily milling and resurfacing of the roadway mainlines and intersection along the corridor as well as spot drainage correction and restoration of the curb and gutters and sidewalks, replacement of pavement markings along the corridor including crosswalks restriped to the existing conditions.

Miami Shores Village is accepting Requests for Proposal from a firm(s) to provide services necessary for the project (the “Project”) described herein.

Miami Shores Village, Florida (the “Village”) will receive sealed proposals until 2:00 PM (local), March 17, 2021, at Village Hall, 10050 N.E. 2<sup>nd</sup> Avenue, Miami Shores, FL 33138. Faxed or e-mailed proposals shall be rejected and will not be accepted.

**The Village’s contact information for this RFP is:**

**Public Works Director**

**Scott W. Davis**

10050 N.E. 2<sup>nd</sup> Avenue

Miami Shores, Florida 33138

Telephone: 305-795 2210

RFP No. 2021-02-01 N.E. 96<sup>TH</sup> ST FROM N.E. 2<sup>ND</sup> AVE TO N.E. 10<sup>TH</sup> AVE – ROADWAY IMPROVEMENTS documents may be obtained via the Internet at the Miami Shores Village website at [www.msvfl.gov](http://www.msvfl.gov) No. 2021-02-01 “N.E. 96<sup>TH</sup> ST FROM N.E. 2<sup>ND</sup> AVE TO N.E. 10<sup>TH</sup> AVE – ROADWAY IMPROVEMENTS”. If you do not have internet access, you may obtain the documents by contacting the Village Clerk’s Office at 305-762-4870 or via email at [rodriguez@msvfl.gov](mailto:rodriguez@msvfl.gov).



# **1. SCHEDULE OF EVENTS**

N.E. 96<sup>th</sup> Street from N.E. 2<sup>nd</sup> Ave to N.E. 10<sup>th</sup>  
Ave – Roadway Improvements

\*NOTE: Dates are Subject to Change

<b>No.</b>	<b>Event</b>	<b>Date</b>	<b>Time</b>
<b>1</b>	<b>Bid Advertisement</b>	<b>2/26/21</b>	
<b>2</b>	<b>MANDATORY PRE-BID MEETING</b>	<b>3/10/21</b>	<b>10:00 AM</b>
<b>3</b>	<b>Deadline to Submit RFP Response</b>	<b>3/17/21</b>	<b>2:00 PM</b>



## **2. RFP GENERAL INFORMATION**

### **A. DEFINITIONS**

For the purposes of this Request for Proposal (RFP): **Proposer** shall mean the contractor, respondent, organization, firm, or other person submitting a response to this RFP. **Village** shall mean the Miami Shores Village, Village Council or Village Manager, as applicable, and any officials, employees, agents and elected officials.

**Contact information** for the purpose of this RFP shall mean:

**Scott W. Davis, Public Works Director**

10050 N.E. 2<sup>nd</sup> Avenue  
Miami Shores, Florida 33138  
Telephone: 305-795-2210  
Email: daviss@msvfl.gov

### **B. INVITATION TO PROPOSE; PURPOSE**

The Village solicits proposals from responsible Proposers to submit proposals to perform work for or provide goods and/or services to the Village as specifically described in the Scope of Services.

### **C. CONTRACT AWARDS**

The Village Council anticipates entering into a contract with the Proposer who submits the submission judged by the Village to be most advantageous. The Village anticipates awarding one contract but reserves the right to award more than one contract if in its best interest. If the Village selects a submission, the Village will provide a written notice of the award.

The Proposer understands that neither this RFP nor the notice of award constitutes an agreement or a contract with the Proposer. A contract or agreement is not binding until a written contract or agreement has been approved as to form by the Village Attorney and has been executed by both the Village (with Council approval, if applicable) and the successful Proposer.

### **D. PROPOSAL COSTS**

Neither the Village nor its representatives shall be liable for any expenses incurred in connection with preparation of a response to this RFP. Costs of preparation of a response to this request for proposals are solely those of the proposers. Proposers should prepare their submissions simply and economically, providing a straightforward and concise description of the Proposer's ability to meet the requirements of the RFP. The Village bears no responsibility for any costs associated with any administrative or judicial proceedings resulting for the solicitation process.



## E. INQUIRIES

The Village will not respond to oral inquiries. Proposers may, via electronic mail, submit written inquiries for interpretation of this RFP to the attention of Scott W. Davis at [daviss@msvfl.gov](mailto:daviss@msvfl.gov). Please mark the correspondence "RFP No. 2021-02-01".

The Village will respond to written inquiries received at least 5 working days prior to the date scheduled for receiving the submissions. The Village will record its responses to inquiries and any supplemental instructions in the form of a written addendum. If addenda are issued, the Village will email, mail or fax written addenda to any potential Proposer who has provided their contact information to the Public Works Director. Although the Village will make an attempt to notify each prospective Proposer of the addendum, it is the sole responsibility of a Proposer to remain informed as to any changes to the RFP. Any addendum issued will be posed on the village website.

## F. DELAYS

The Village may postpone scheduled due dates in its sole discretion. The Village will attempt to notify all registered Proposers of all changes in scheduled due dates by written addenda.

## G. PRE-BID MEETING

A mandatory pre-bid meeting will be held on **03/10/2021, at 10:00 AM**. The location of the meeting will be in front of Village Hall 10050 N.E. 2<sup>nd</sup> Ave, Miami Shores, Florida 33138.

## H. QUALIFICATION SUBMISSION

Proposers shall submit five (5) copies of the submission in a sealed package. All copies will be on 8 ½" x 11" plain white paper, typed, and signed by an authorized representative who is able to contractually bind the Proposer. In addition, Proposers must submit one (1) original copy of the submission on electronic media in printable Adobe or Microsoft Word format (or another format approved by the Village). Failure to adhere to the submittal quantity criteria may result in the submission being considered non-responsive.

Submissions shall be submitted in person or by mail. Email submittals are not accepted. Any submission may be withdrawn until the date and time set above for the submissions. Late submittals, additions, or changes will not be accepted and will be returned.

Pursuant to County Code, public notice is hereby given that a **"Cone of Silence"** is imposed concerning the Miami Shores Village competitive purchasing process, which generally prohibits communications concerning the RFP from the time of advertisement of the RFP until such time as the Village Manager makes a written recommendation to the Village Council concerning the competitive purchase transaction. For more information on the "Cone of Silence," please contact Elizabeth Keeley, Assistant to the Village Manager at [keeleye@msvfl.gov](mailto:keeleye@msvfl.gov).



### **3. PURPOSE and GENERAL INFORMATION**

The purpose of the Request for Proposal (RFP) is to select a qualified Contractor to perform construction enhancement that includes roadway improvement of approximately 1 mile along N.E. 96th Street between N.E. 2nd Avenue and N.E. 10th Avenue per plans and specifications. The project includes primarily milling and resurfacing of the roadway mainlines and intersection along the corridor as well as spot drainage correction and restoration of the curb and gutters and sidewalks, replacement of pavement markings along the corridor including crosswalks restriped to the existing conditions.

The required services and conditions are described in the Scope of Services. Satisfaction of RFP requirements will be the basis of identifying the successful consultant. The qualified firm should have experience in Stormwater and roadway improvement, permitting and regulatory requirements, construction administration, and project management.

### **4. BACKGROUND**

Miami Shores Village is situated in the northeastern end of Miami-Dade County and is located in close proximity to I-95 and downtown Miami. The Village has a resident population of approximately 10,450 and was incorporated in 1932.

### **5. SUBMITTAL REQUIREMENTS**

Proposers shall submit five (5) copies of the proposal in a sealed package. All copies will be on 8 ½” x 11” plain white paper, typed, and signed by an authorized representative who is able to contractually bind the Proposer. In addition, Proposers must submit one (1) original copy of the proposal on electronic media in printable Adobe or Microsoft Word format (or another format approved by the Village). Failure to adhere to the submittal quantity criteria may result in the proposal being considered non-responsive.

The package shall be clearly marked on the outside as follows:

To: Miami Shores Village – Village Clerk

RFP No. 2021-02-01

**Subject: “N.E. 96<sup>TH</sup> ST FROM N.E. 2<sup>ND</sup> AVE TO N.E. 10<sup>TH</sup> AVE – ROADWAY IMPROVEMENTS”**

Submitted by: \_\_\_\_\_

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

Submissions must be submitted no later than 2:00 PM on Wednesday, March 17, 2021, to Village Clerk, Ysabely Rodriguez, Miami Shores Village, 10050 N.E. Second Avenue, Miami Shores, FL 33138.

Submissions received after the date indicated will not be considered.



Submissions shall be delivered in person or by mail. Email submittals are not accepted. Any proposal may be withdrawn until the date and time set above for the submissions. Late submittals, additions, or changes will not be accepted and will be returned.

The successful firm(s) shall respond to the RFP with the information requested below. This information shall be provided in the order shown in this request. Information can be provided in multiple sections but must appear in the requested section. Each tab must contain a narrative on the requested subject and examples of direct experience when requested.

Miami Shores Village will not be responsible for considering information provided under the wrong tab. The proposing firm is solely responsible for its interpretation of this RFP. For the purpose of this RFP, the term "firm" shall be interpreted to mean firm or firms. In the case of partnerships, the requested information shall be provided for each firm in the partnership and shall be provided in separate sections under the requested tab. Failure to respond in the requested format may result in the firm being disqualified from consideration. All submitted materials become the property of Miami Shores Village.

Submittals shall be 8-1/2 x 11 inch and organized in sections following the order specified under contents.

RFP submittals shall contain the following information:

- A letter of transmittal signed by an individual authorized to bind the proposing entity.
- A list of current South Florida or Florida clients of approximately the same size and scope as Miami Shores Village.
- General information about the firm (i.e., company, location of office(s), years in business, organization chart, number and position titles of staff, and any certification(s) or degree(s)).
- Provide the name, title, experience and qualifications of the personnel who will be assigned to provide service to the Village including a project manager and the main project team. Please include an organizational chart of the proposed team with key personnel highlighted.
- Provide proof of compliance with insurance requirements and attach a copy of a valid insurance certificate for the firm's general liability, professional liability, and automobile insurance, and proof of adequate worker's compensation coverage for employees.
- Degree of work, if any, that is to be subcontracted.





## **6. SCOPE OF SERVICE**

The scope of services, as may be modified through negotiation and/or by written addendum issued by the Village, will be made a part of the Agreement.

The Scope of work consists of a roadway improvement of approximately 1 mile along N.E. 96th Street between N.E. 2nd Avenue and N.E. 10th Avenue per plans and specifications. The project includes primarily milling and resurfacing of the roadway mainlines and intersection along the corridor as well as spot drainage correction and restoration of the curb and gutters and sidewalks, replacement of pavement markings along the corridor including crosswalks restriped to the existing conditions.

## **7. INSURANCE REQUIREMENTS**

Under the terms and conditions of all contracts, leases and agreements, the Village requires appropriate coverage listing Miami Shores Village as an additional insured. The insurance described herein reflects the insurance requirements deemed necessary for this contract by the Village. It is not necessary to have this level of insurance in effect at the time of submittal, but certificates indicating that the insurance is currently carried or a letter from the Carrier indicating upgrade ability will speed the review process to determine the most qualified Proposer.

The successful Proposer(s) shall not commence operations until certification or proof of insurance, detailing terms and provisions of coverage, has been received and approved by Miami Shores Village.

The following is a list of types of insurance coverage and limits that shall be required.  
\*Note: This list may not be all inclusive, and the Village reserves the right to require additional types of insurance, or to raise or lower the stated limits based upon identified risk.

- a. **Worker's Compensation Insurance** covering all employees and providing benefits as required by Florida Statute, Chapter 440, regardless of the size of the company (number of employees), but no less than \$1,000,000 for Employers' Liability. Said coverage shall include a waiver of subrogation in favor of Miami Shores Village and its agents, employees and officials. The Contractor further agrees to be responsible for employment, control and conduct of its employees and for any injury sustained by such employees in the course of their employment.
- b. **Liability Insurance**
  - i. Naming Miami Shores Village as an additional insured, on General Liability Insurance only, in connection with work being done under this contract.
  - ii. Professional Liability (Errors and Omissions) coverage shall include coverage for all claims arising out of the services performed with limits not less than \$1,000,000 per claim. The aggregate limit shall either apply separately to this contract or shall be at least twice the required per claim limit.



- iii. Such Liability insurance shall include the following checked types of insurance and indicated minimum policy limits.

The selected firm shall provide a Certificate of Insurance listing Miami Shores Village as “Certificate Holder” and “Miami Shores Village is Additional Insurance as respect to coverage noted.” Insurance companies providing insurance coverages must have a current rating A.M. Best Co. of “B+” or higher. (Note: An insurance contract or binder may be accepted as proof of insurance if Certificate is providing upon selection of the service provider.)

The certification or proof of insurance must contain a provision for notification to the Village thirty (30) days in advance of any material change in coverage or cancellation.

The successful Proposer shall furnish to the Village the certification or proof of insurance required by the provisions set forth above, within ten (10) days after notification of award of contract.

### **A. Waiver of Subrogation**

Required insurance coverages shall not prohibit the service provider from waiving the right of subrogation prior to a loss. Service provider shall waive all subrogation rights against the indemnified parties. Policies shall contain or be endorsed to contain such provisions.

### **B. Deductible**

Any deductible or self-insured retention must be approved in writing by the Village and shall protect the indemnified parties in the same manner and to the same extent as they would have been protected had the policy or policies not contained a deductible or self-insured retention.

### **C. Failure to Maintain Coverage**

The service provider agrees to suspend and cease all operations hereunder during such period of time as the required insurance coverage is not in effect and evidence of insurance has not been furnished to the Village. The Village shall have the right to withhold any payment due the service provider until compliance with the insurance provisions of this agreement are satisfied.



## LIMITS OF LIABILITY

### Type of Insurance

### Occurrence/Aggregate

**GENERAL LIABILITY: MINIMUM \$1,000,000 per OCCURRENCE/ \$2,000,000 AGGREGATE**

\* Policy to be written on a claim incurred basis

XX	Comprehensive form	
XX	premises - operations	bodily injury
XX	explosion & collapse hazard	property damage
XX	underground hazard	_____
XX	products/completed operations hazard	bodily injury and property damage
XX	contractual insurance	property damage
XX	broad form property damage	Combined
XX	independent contractors	_____
XX	personal injury	personal injury

**AUTOMOBILE LIABILITY: MINIMUM \$1,000,000 per OCCURRENCE/\$2,000,000 AGGREGATE**

		bodily injury (each person)
		bodily injury <u>each accident</u>
XX	comprehensive form	<u>property damage</u>
XX	owned	bodily injury and
XX	hired	property damage
XX	non-owned	Combined

### **REAL & PERSONAL PROPERTY**

Comprehensive Form          Consultant must show proof they have this coverage.

### **EXCESS LIABILITY**

XX	umbrella form	bodily injury and property damage		
XX	other than umbrella	combined	\$2,000,000	\$2,000,000
XX	PROFESSIONAL LIABILITY		\$1,000,000	\$1,000,000
	* Policy to be written on a claim made basis			



## **SELECTION PROCESS**

All properly submitted RFP packages shall be evaluated by Miami Shores Village through a Selection/Evaluation Committee that will be appointed to select the most qualified firm(s). The firm(s) selected will be one whose proposal is determined to be the most advantageous to the Village.

## **OTHER**

### **Non-Discrimination**

There shall be no discrimination as to race, color, religion, sex, marital status, pregnancy, gender, gender expression or identity, disability, national origin, veteran status, sexual orientation, age or genetic information in the operations conducted under any contract with the Village.



## **8. GENERAL PROVISIONS**

<p style="text-align: center;"><b>IMPORTANT!</b> <b>PLEASE READ CAREFULLY BEFORE SUBMITTING PROPOSAL</b></p>
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These general terms and conditions apply in like force to this solicitation and to any contract resulting therefrom.

### **ACKNOWLEDGMENT OF AMENDMENTS**

From time to time, Miami Shores Village may issue an addendum to change the intent or to clarify the meaning of the proposal documents. It is each Proposers responsibility to check with the issuing office and immediately secure all addenda before submitting proposals. It is the usual practice for the Village to email known proposers and post the addendum online at [www.msvfl.gov](http://www.msvfl.gov). This does not guarantee that all proposers will receive ALL addendum(s) in this manner. Proposers shall acknowledge receipt of any amendment to the solicitation by identifying the amendment number in the space provided for this purpose on the proposal form, by letter, or by returning a copy of the issued amendment with the submitted proposal. The acknowledgment should be received by Miami Shores Village by the time and at the place specified for the receipt of proposals. Failure to acknowledge an issued amendment may result in proposal rejection and disqualification.

### **ANTITRUST**

By entering into a contract, the contractor conveys, sells, assigns, and transfers to Miami Shores Village all rights, titles, and interest it may now have or hereafter acquire under the antitrust laws of the United States and the State of Florida that relate to the particular goods or services purchased or acquired by Miami Shores Village under the said contract.

### **APPLICABLE LAW**

The contract shall be governed in all respects by the laws of the State of Florida, and any litigation with respect thereto shall be brought only in the courts of Miami-Dade County, Florida. The contractor shall comply with all applicable Federal, State, and local laws and regulations. Lack of knowledge by the proposer

### **ASSIGNMENT**

The contractor shall not assign, transfer, convey, sublet, or otherwise dispose of any award or any or all of its rights, title, or interest therein, or delegate the duties hereunder without the prior written consent of Miami Shores Village which consent may be withheld in the Village's sole and absolute discretion and without reason or justification of any kind.

### **AWARD**

Consideration for award will be by proximity to specifications given, costs, time of delivery, and other factors deemed by the Village to be appropriate. All purchases, leases, or contracts that are based on competitive proposals may be accepted if deemed as the best responsive and responsible proposer which represents the most advantageous proposal to the Village. The lowest monetary proposal will NOT in all cases, necessarily be awarded. Complete and accurate responses to all items are necessary for the complete and fair evaluation of proposals. Total-cost or life-cycle-costing, which includes the identification of identifiable costs associated with acquisition, installation, maintenance, and operation



of the proposer's offered equipment or service may be used to determine the best responsible proposer which represents the most advantageous proposal to the Village. Such analysis may be based upon the proposer's proposal data including, but not limited to price, quantifiable factors and other data which is gathered by the Village. Additional factors that may be considered include the expected life of equipment, output, maintenance, consumption costs, disposal value, warranty, complexity of operation, required training, and other factors that may contribute to the overall cost of ownership. In determining the responsibility of vendors, past performance, references, documented experience, financial capability, and other reasonable factors may be considered. The Village reserves the right to reject any and all proposals and to waive technical errors as heretofore set forth. Miami Shores Village reserves the right to award by lowest total, or whatever manner is deemed to be in Miami Shores Village's best interest. In addition, the Village reserves the right to award the contract to more than one proposer.

### **CANCELLATION**

Miami Shores Village reserves the right to cancel a resulting contract, without cause, by giving ten (10) business days prior written notice to the contractor of the intention to cancel, or with cause if at any time the contractor fails to fulfill the proposal by any of the terms or conditions specified. Failure of the contractor to comply with any of the provisions of a resulting contract shall be considered a material breach of contract and shall be cause for immediate termination of the contract at the sole discretion of Miami Shores Village. In addition to all other legal remedies available to the Miami Shores Village, the Village reserves the right to cancel and obtain from another source, any services which have not been provided within the required period of time or, if no such time is stated, within a reasonable period of time from the date of order or request, as determined by Miami Shores Village.

### **CERTIFICATION OF INDEPENDENT PRICE DETERMINATION**

The proposer certifies that the prices submitted in response to the solicitation have been arrived at independently and without - for the purpose of restricting competition - any consultation, communication, or agreement with any other proposer or competitor relating to those prices, the intention to submit a proposal, or the methods or factors used to calculate the prices proposal.

### **CHANGE IN SCOPE OF WORK**

Miami Shores Village may order changes in the work consisting of additions, deletions, or other revisions within the general scope of the contract. No claims may be made by the contractor that the scope of the project or of the contractor's services has been changed, requiring changes to the amount of compensation to the contractor or other adjustments to the contract, unless such changes or adjustments have been made by written amendment to the contract or purchase order signed by the Village Manager. If the contractor believes that any particular work is not within the scope of the project, is a material change, or will otherwise require more compensation to the contractor, the contractor must immediately notify Miami Shores Village in writing of this belief. If Miami Shores Village believes that the particular work is within the scope of the contract as written, the contractor will be ordered to and shall continue with the work as changed and at the cost stated for the work within the scope.

### **COLLUSION AMONG PROPOSERS**

Each proposer, by submitting a proposal, certifies that it is not a party to any collusive



action or any action that may be in violation of the Sherman Antitrust Act. Any or all proposals shall be rejected if there is any reason for believing that collusion exists among the proposers. Miami Shores Village may or may not, at its discretion, accept future proposals for the same work from participants in such collusion. More than one (1) proposal from an individual, firm, partnership, cooperation, or association under the same or different names may be rejected. Reasonable grounds for believing that a proposer has interest in more than one (1) proposal for the work being proposal may result in rejection of all proposals in which the proposer is believed to have interest. Nothing in this clause shall preclude a firm acting as a subcontractor to be included as a subcontractor for two (2) or more primary contractors submitting a proposal for the work.

### **CONFLICT OF INTEREST**

The contractor, by submission of its proposal, certifies that to the best of his/her knowledge or belief, no elected/appointed official or employee of Miami Shores Village is financially interested, directly or indirectly, in the offer of goods or services specified in this invitation and the required form must be submitted with the proposal. The award is subject to all conflict of interest provisions of the laws of Miami Shores Village, Miami-Dade County and the State of Florida.

### **DEBARMENT**

By submitting a proposal, the proposer certifies that it is not currently debarred from submitting proposals for contracts issued by any political subdivision or agency of the State of Florida and that it is not an agent of a person or entity that is currently debarred from submitting proposals for contracts issued by any subdivision or agency of the State of Florida.

### **ERRORS IN EXTENSIONS**

If the unit price and the extension price are at variance, the unit price shall prevail.

### **ETHICS IN PUBLIC PROCUREMENT**

The contract shall incorporate by reference the provisions of law contained in Chapter 112, Florida Statutes. A person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a proposal on a contract to provide any goods or services to a public entity; may not submit a proposal on a contract with a public entity for the construction or repair of a public building or public work; may not submit proposals on leases or real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO for a period of thirty-six (36) months from the date of being placed on the convicted vendor list. The proposer certifies that its proposal was made without collusion or fraud; that it has not offered or received any kickbacks or inducements from any other proposer, supplier, manufacturer, or subcontractor in connection with this proposal; and that it has not conferred on any public employee having official responsibility for this procurement transaction any payment, loan, subscription, advance, deposit of money, services, or anything of value. The required form must be submitted with the proposal.

### **EXCEPTIONS**

Proposers taking exception to any part or section of the solicitation shall indicate such



exceptions on the proposal form or appendix. Failure to indicate any exception will be interpreted as the proposer's intent to comply fully with the minimum requirements as written. Conditional or qualified proposals, unless specifically allowed, shall be subject to rejection in whole or in part.

### **EXPENSES INCURRED IN PREPARING PROPOSAL**

Miami Shores Village accepts no responsibility for any expense incurred by the proposer in the preparation and presentation of a proposal. Such expenses shall be borne exclusively by the proposer.

### **FAILURE TO DELIVER**

In the event of failure of the contractor to deliver the goods and services in accordance with the contract terms and conditions, Miami Shores Village may procure the goods and services from other sources and hold the contractor responsible for any resulting additional costs. A failure to deliver may result in immediate termination of a resulting contract, and immediate disqualification and debarment from submitting proposals to Miami Shores Village for a maximum of three (3) years. These remedies shall be in addition to any other remedies that Miami Shores Village may have available.

### **FAILURE TO ENFORCE**

Failure by Miami Shores Village at any time to enforce the provisions of the contract shall not be construed as a waiver of any such provisions. Such failure to enforce shall not affect the validity of the contract or any part thereof or the right of Miami Shores Village to enforce any provision at any time in accordance with its terms.

### **FAIR LABOR STANDARDS**

By submission of a proposal, the proposer certifies that the contractor(s) and/or subcontractor(s) providing product(s) or service(s) shall, in the execution or performance of such a contract, maintain fair labor standards as defined in applicable State and Federal regulations.

### **FLORIDA PUBLIC RECORDS LAW**

Proposers are hereby notified that all proposals, including without limitation, any and all information and documentation submitted herewith, are exempt from public records requirements under FSS§119.07(1) until such time as the Village provides notice of an intended decision or until thirty (30) days after the proposal opening, whichever is earlier. In addition, the Proposer agrees to be full compliance with FSS§119.0701 including, but not limited to, agreement to (a) keep and maintain public records that ordinarily and necessarily would be required by the public agency in order to perform the services; (b) provide the public with access to public records on the same terms and conditions that the public agency would provide the records and at a cost that does not exceed the cost provided in this chapter or as otherwise provided by law; (c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; (d) Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the contractor upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the public agency in a format that is compatible with the information technology systems of the public agency.





## **FORCE MAJEURE**

The contractor shall not be held responsible for failure to perform the duties and responsibilities imposed by the contract due to legal strikes, fires, riots, rebellions, and acts of God beyond the control of the contractor, unless otherwise specified in the contract.

## **IDENTICAL PROPOSALS**

Identical proposals or proposals which otherwise appear suspicious will be reported to the Village Attorney for investigation and the Village shall have the right to declare such proposals non-responsive.

## **INDEMNIFICATION**

In consideration of the sum of Fifteen and 00/100 Dollars (\$15.00), the receipt and sufficiency of which is acknowledged by the contractor to be included and paid for in the contract price, the contractor shall indemnify, defend, and hold harmless Miami Shores Village and its agents and employees from and against all liabilities, claims, damages, losses, and expenses, including attorneys' fees, arising out of or resulting from the performance of the work, provided that any such liability, claim, damage, loss, or expense: 1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself), including the loss of use resulting therefrom; and 2) is caused in whole or in part by any negligent act or omission of the contractor and subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, except for those wholly caused by the negligent act or omission of Miami Shores Village.

In any and all claims against Miami Shores Village or any of its agents or employees by any employee of the contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation under the previous paragraph shall not be limited in any way as to the amount or type of damages, compensation, or benefits payable by or for the contractor or any subcontractor under Workers' Compensation Acts, disability benefit acts, or other employee benefit acts.

## **INDEPENDENT CONTRACTOR**

The contractor shall be legally considered an independent, licensed contractor and neither the contractor nor its employees shall, under any circumstances, be considered servants or agents of Miami Shores Village; and Miami Shores Village shall be at no time legally responsible for any negligence or other wrongdoing by the contractor, its servants, or agents. Miami Shores Village shall not withhold from the contractor any Federal or State unemployment taxes, Federal or State income taxes, Social Security tax, or any other amounts for benefits to the contractor. Further, Miami Shores Village shall not provide to the contractor any insurance coverage or other benefits, including workers' compensation, normally provided by Miami Shores Village for its employees.

## **INFORMALITIES AND IRREGULARITIES**

Miami Shores Village has the right to waive minor defects or variations of a proposal from the exact requirements of the specifications that do not affect the price, quality, quantity, delivery, or performance time of the services being procured. If insufficient information is submitted by a proposer with the proposal for Miami Shores Village to properly evaluate the proposal, Miami Shores Village has the right to require such additional information as it may deem necessary after the time set for receipt of proposals, provided that the



information requested does not change the price, quality, quantity, delivery, or performance time of the services being procured. Miami Shores Village reserves the right to reject any or all proposals in whole or in part; to award by any item, group(s) of items, total proposal, or accept the proposal that is most advantageous and in the best interest of Miami Shores Village.

### **LAW COMPLIANCE**

Each party will comply with all applicable Federal, State, County and local laws, ordinances, codes, rules, regulations, guidelines and all orders and decrees of bodies or tribunals having jurisdiction or authority related to performance or which may, in any manner affect, the scope of services and/or project under this proposal. This includes, without limitation, the Americans with Disabilities Act, Title VII of the Civil Rights Act, the EEOC Uniform Guidelines, and all EEO regulations and guidelines. In particular, the contractor/vendor/named party verifies and affirms that it is in compliance with 8 U.S.C., Sec. 1324, prohibiting the employment either directly or by contract, subcontract, or exchange of unauthorized aliens in the United States. The Village will consider the employment of unauthorized aliens by any contractor/vendor/named party, during the term of the agreement, a violation of the Immigration and Nationality Act. Such violation shall be cause for unilateral cancellation of such agreement by the Village. Lack of knowledge by the proposer will in no way be a cause for relief from responsibility for compliance.

### **LIMITATION OF COST**

The contractor agrees to perform the work specified and complete all obligations under the contract within the stated amounts.

### **LOBBYING ACTIVITIES**

All proposers should familiarize themselves with the requirement of the Miami Shores Village Code Chapter 2, Article VII (Code §§2-100 et seq.) regarding Lobbyist Registration and should comply therewith. Failure to comply may result in a proposal being deemed non-responsive.

### **NON-APPROPRIATION**

All funds for payment by Miami Shores Village under any awarded contract are subject to the availability of an annual appropriation for this purpose by Miami Shores Village. In the event of non-appropriation of funds by Miami Shores Village for the services provided under the contract, Miami Shores Village will terminate the contract, without termination charge or other liability, on the last day of the then- current fiscal year or when the appropriation made for the then-current year for the services covered by this contract is spent, whichever event occurs first. If at any time funds are not appropriated for the continuance of this contract, cancellation shall be accepted by the contractor on thirty (30) days prior written notice, but failure to give such notice shall be of no effect, and Miami Shores Village shall not be obligated under this contract beyond the date of termination.

### **NON-CONFORMING TERMS AND CONDITIONS**

A proposal response that includes terms and conditions that do not conform to the terms and conditions in the proposal document is subject to rejection as nonresponsive. Miami Shores Village reserves the right to permit the proposer to withdraw non-conforming terms and conditions from its proposal response prior to a determination by Miami Shores Village of non-responsiveness based on the submission of nonconforming terms and conditions.



## **NON-DISCRIMINATION**

By submission of proposal, the proposer certifies that the contractor(s) and/or subcontractor(s) providing product(s) or service(s) shall not discriminate against any employee or applicant for employment, to be employed in the performance of such contract, with respect to his/her hire, tenure, terms, conditions, or privileges of employment because of his/her race, color, religion, sex, marital status, pregnancy, gender, gender expression or identity, disability, national origin, veteran status, sexual orientation, age or genetic information, as outlined in applicable local, State and Federal regulations.

## **ORAL STATEMENTS**

No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in this invitation or any awarded contract. All modifications to the contract or purchase order must be made in writing by Miami Shores Village.

## **OFFICIAL DOCUMENTS**

Miami Shores Village is not responsible for expenses incurred prior to award. Miami Shores Village officially distributes solicitation documents through its website at [www.msvfl.gov](http://www.msvfl.gov). Solicitation documents may be downloaded at NO COST using this system and may also be obtained from the Village Clerk in accordance with Florida Statutes that pertain to Public Records.

Copies of solicitation documents obtained from other sources are not considered official and should not be relied upon. Miami Shores Village is not responsible for solicitation documents obtained from sources other than the Miami Shores Village website or the Village Clerk. Only vendors who properly obtain solicitation documents directly from the Miami Shores Village website or the Village Clerk will receive addenda and other important information if issued. Any potential proposer should register and/or provide contact information to the individual named in the proposal information sheet. Vendors are responsible for acquiring knowledge of changes, modifications, or additions to official solicitation documents. Vendors who submit responses and later claim they did not receive complete documents or had no knowledge of any change, modifications, or additions made to the official solicitation documents shall still be bound by the solicitation, including any changes, modifications, or additions to the official solicitation documents. IF YOU OBTAINED A SOLICITATION DOCUMENT FROM A SOURCE OTHER THAN THE MIAMI SHORES VILLAGE WEBSITE OR THE MIAMI SHORES VILLAGE CLERK, IT IS HIGHLY RECOMMENDED THAT YOU DOWNLOAD THE OFFICIAL DOCUMENT AT **WWW.MSVFL.GOV** AT NO COST.

## **PATENTS AND ROYALTIES**

The contractor covenants to save, defend, keep harmless, and indemnify Miami Shores Village and all of its officers, departments, agencies, agents, and employees from and against all claims, loss, damage, injury, fines, penalties, and cost—including court costs and attorney's fees, charges, liability, and exposure, however caused—for or on account of any copyright or patented or unpatented invention, process, or article manufactured or used in the performance of the contract, including its use by Miami Shores Village. If the contractor uses any design, device, or materials covered by patent or copyright, it is mutually agreed and understood without exception that the contract price includes all royalties or costs arising from the use of such design, device, or materials in any way in the work.



## **PAYMENT PROCEDURES**

Miami Shores Village has adopted best practices for its invoice payment procedures policy in order to help ensure that vendors providing goods and/or services to Miami Shores Village receive payment in a timely manner and in accordance with Chapter 218, Part VII, Florida Statutes (The Florida Prompt Payment Act). For further information, please call (305) 795-2207.

Several payment options are available to successful vendor, upon receipt of a correct invoice:

1. Check may be mailed to the remit address on the invoice. The check is sent to the Post Office after Miami Shores Village processes the approval.
2. Check may be picked up in Miami Shores Village. The vendor must pick up the check after Miami Shores Village processes the approval. The successful proposer or contractor must call (305) 795-2207 for detailed instructions.

## **PAYMENT TERMS AND DISCOUNTS**

Unless otherwise indicated in the proposal documents, payment terms will be net forty-five (45) days. Terms not consistent with this provision are not acceptable and may be cause for rejection. Miami Shores Village will pay the contractor within forty-five (45) days after the receipt of a correct invoice for the specified work.

Discounts for prompt payment requiring payment by Miami Shores Village within a stipulated number of days will be interpreted as applying within the stipulated number of calendar days after the date of receipt by Miami Shores Village of a correct invoice describing reasonable work allocable to the contract or after the date of acceptance of work that meets contract requirements, whichever event occurs later. Discounts for payment in less than forty-five (45) days will not be considered during evaluation for award but may be taken if applicable after award.

## **PROPOSAL ACCEPTANCE PERIOD**

Any proposal submitted as a result of the solicitation shall be binding on the proposer for a minimum of one hundred twenty (120) calendar days following the proposal opening date. Any proposal for which the proposer specifies a shorter acceptance period may be rejected.

## **PROPOSAL CLARIFICATIONS**

If any party contemplating the submission of a proposal on this invitation is in doubt as to the true meaning of any part of the plans, specifications, or other documents, he should submit a written request for an interpretation. The Village will not respond to oral inquiries. Proposers may, via electronic mail, submit written inquiries for interpretation of this invitation to proposal to the individual named in the proposal information sheet. Questions or requests for interpretations shall clearly state, in detail, the basis for such question(s) or request(s) including a reference to the specific paragraph or language in the solicitation. The request shall be clearly marked as a "PREPROPOSAL QUESTION" and must include the solicitation number. The Village will respond to written inquiries received at least five (5) working days prior to the date scheduled for receiving the proposals. Modifications to solicitations will be made only by properly issued written addenda. All such addenda shall become part of the solicitation and resulting contract documents. Miami Shores Village shall only be responsible for written explanations or interpretations that are issued in



accordance herewith. If addenda are issued, the Village will email, mail or fax written addenda to any potential proposer who has provided their contact information to the individual named in the proposal information sheet. Although the Village will make an attempt to notify each prospective proposer of the addendum, it is the sole responsibility of the proposer to remain informed as to any changes to the Invitation to Proposal. No oral interpretations will be made as to the meaning of specifications or any other contract documents. Failure to comply with this provision will result in the proposer waiving his/her right to dispute the proposal specification.

### **PROPOSER CERTIFICATION**

The proposer agrees that submission of a signed proposal form is certification that the proposer will accept an award made to it as a result of the submission.

### **PROPOSER INVESTIGATIONS**

Before submitting a proposal, each proposer shall make all investigations and examinations necessary to ascertain all site conditions and requirements affecting the full performance of the contract and to verify any representations made by Miami Shores Village upon which the proposer will rely. If the proposer receives an award as a result of its proposal submission, failure to have made such investigations and examinations will in no way, relieve the proposer from its obligation to comply in every detail with all provisions and requirements of the contract documents, nor will a plea of ignorance of such conditions and requirements be accepted as a basis for any claim whatsoever by the contractor for additional compensation.

### **PROPOSAL ENVELOPES**

Envelopes containing proposals must be sealed and marked in the lower left-hand corner with the proposal number, commodity, and date and hour of opening of proposals. Failure to do so may cause proposal not to be considered. Express Company or Express Mail envelopes containing a sealed proposal shall also be sealed and should be clearly marked with the invitation number, commodity, and date and hour of opening of proposals. Failure to clearly mark envelopes may delay delivery and render the response late.

### **PROPOSAL FORM SUBMISSION**

Portions of the proposal shall be submitted on the attached required forms in addition to the required qualifications of the firm, the operations plan, cost proposal and minority participation. All required documentation must be submitted in a sealed envelope. Required form information not submitted on the attached proposal forms shall be rejected. Proposals concerning separate proposal invitations must not be combined on the same form or placed in the same envelope. Proposals submitted in violation of this provision shall not be considered. All proposals must be signed, in ink, in order to be considered. Erasures are not acceptable on proposals; if necessary, to make a change, strike out or draw a line through incorrect item and type the correction above, and initial the correction in ink. If the proposer is a firm or corporation, the proposer must show the title of the individual executing the proposal, and if the individual is not an officer of the firm or corporation, the proposer must submit proof that the individual has the authority to obligate the firm or corporation. PROPOSALS MAY NOT BE ALTERED OR AMENDED AFTER THE PROPOSAL CLOSING.



## **PROPOSAL RECEIPT AND OPENING**

Miami Shores Village will receive sealed proposals until date and time indicated on the proposal cover sheet. Proposals must be delivered, by hand or mail, to the attention of the Village Clerk, Miami Shores Village Hall located at 10050 NE 2<sup>nd</sup> Avenue, Miami Shores, Florida 33138. Proposals must be time stamped by the Village Clerk before or on the hour and date indicated on the cover sheet (Request for Proposal) for the proposal opening. Proposals received after the date and time of the proposal opening will be received, date stamped, and returned to the proposer unopened. It is the responsibility of the proposer to ensure that proposals arrive at the designated opening place on time. Late or non-delivery due to mail or express delivery company failure will not be considered adequate reason for consideration of late proposals. **FAXED or EMAILED PROPOSALS WILL NOT BE ACCEPTED AND SHALL NOT BE CONSIDERED FOR EVALUATION OR AWARD.** In accordance with Chapters 119.071 and 286.0113, Florida Statutes, only the names of the firms submitting a proposal, proposal, or reply will be publicly read in an opening. Pursuant to Florida Statutes, sealed proposals, proposals, or replies received by an agency pursuant to a competitive solicitation are exempt records until such time as the agency provides notice of an intended decision or until thirty (30) days after opening the proposals, proposals, or replies, whichever is earlier.

## **PROPOSAL WITHDRAWAL**

Proposals may not be changed after the proposal closing time. To withdraw a proposal that includes a clerical error after proposal opening, the proposer must give notice in writing to Miami Shores Village of claim or right to withdraw a proposal. Within two (2) business days after the proposal opening, the proposer requesting withdrawal must provide to Miami Shores Village all original work papers, documents, and other materials used in the preparation of the proposal. A proposer may also withdraw a proposal prior to the time set for the opening of proposals by simply making a request in writing to Miami Shores Village; no explanation is required. No proposer who is permitted to withdraw a proposal shall, for compensation, supply any material or labor to or perform any subcontract or other work for the person to whom the contract is awarded or otherwise benefit from the contract. No partial withdrawals of a proposal are permitted after the time and date set for the proposal opening; only complete withdrawals are permitted. The decision to allow or disallow proposal withdrawal remains solely with Miami Shores Village.

## **PUBLIC ENTITY CRIME**

A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crimes may not submit a bid on a contract to provide any goods or services to a public entity, may not submit a bid on a contract with a public entity for the construction or repair of a public building or public work, may not submit bids on leases of real property to public entity, may not be awarded or perform work as a contractor, supplier, sub-contractor, or consultant under a contract with a public entity, and may not transact business with any public entity in excess of the threshold amount provided in Sec. 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

## **PUBLIC INFORMATION**

Proposals or proposals presented to Miami Shores Village as a result of this solicitation, any and all information contained therein may, at the appropriate time, be considered public record and may be made available in accordance with Florida Law. (See Page 3.)



## **PURCHASE ORDER REQUIREMENT**

Purchases of Miami Shores Village are authorized only if a signed purchase order is issued in advance of the transaction, showing that the ordering agency has sufficient funds available to pay for the service. Contractors providing services without a signed purchase order do so at their own risk. Miami Shores Village will not be liable for payment for any services provided under contract unless a valid purchase order has been issued to the contractor.

## **QUALIFICATIONS OF PROPOSERS**

The proposer may be required before the award of any contract to show to the complete satisfaction of Miami Shores Village that it has the necessary facilities, ability, and financial resources to provide the service specified therein in a satisfactory manner. If the scope of work requires, proposers must be licensed contractors in the State of Florida and/or South Florida at the time of proposal submission and be current with all insurance requirements per the licensing authority. The successful proposer will be required to apply for and obtain applicable building permits from the Miami Shores Village Building Department prior to project start date.

The proposer may also be required to give a past history and references in order to satisfy Miami Shores Village in regard to the proposer's qualifications. Miami Shores Village may make reasonable investigations deemed necessary and proper to determine the ability of the proposer to perform the work, and the proposer shall furnish to Miami Shores Village all information for this purpose that may be requested. Miami Shores Village reserves the right to reject any proposal if the evidence submitted by, or investigation of, the proposer fails to satisfy Miami Shores Village that the proposer is properly qualified to carry out the obligations of the contract and to complete the work described therein. Evaluation of the proposer's qualifications shall include:

1. The ability, capacity, skill, and financial resources to perform the work or provide the service required.
2. The ability of the proposer to perform the work or provide the service promptly or within the time specified, without delay or interference.
3. The character, integrity, reputation, judgment, experience, and efficiency of the proposer.
4. The quality of performance of previous contracts or services.

## **QUALITY OF GOODS**

All goods shall be new, in first class condition, and of the manufacturer's latest design of the model presently in production. All materials, supplies, and equipment furnished or services performed under the terms of this purchase order or contractual agreement shall comply with the requirements and standards specified in the Williams-Steiger Occupational Safety and Health Act of 1970 (Public Law 91-596), as well as other applicable Federal, State, and local codes. Equipment and materials furnished by the proposer having serious defects, corrosion, or scratches which tend to present an "other than new" appearance shall be promptly replaced or such defects promptly corrected by the proposer at no cost to Miami Shores Village. Any existing Material Safety Data Sheets (MSDS) for the products, materials, supplies, or equipment being proposal must be submitted with the proposal. No product containing asbestos, lead paint, or polychlorinated biphenyl (PCB) in any form will be considered for award by Miami Shores Village.



## **RECOVERY OF MONEY**

Whenever, under an awarded contract, any sum of money shall be recoverable from or payable by the contractor to Miami Shores Village, the same amount may be deducted from any sum due the contractor under such contract or under any other contract between the contractor and Miami Shores Village. The rights of Miami Shores Village are in addition and without prejudice to any other right Miami Shores Village may have to claim the amount of any loss or damage suffered by Miami Shores Village on account of the acts or omissions of the contractor.

## **RIGHT TO INSPECT**

The contractor shall maintain such financial records and other records as they relate to the purchase of goods and/or services by Miami Shores Village from the subject vendor. The contractor shall retain these records for a period of five (5) years after final payment. These records shall be made available during the term of the contract and the subsequent five (5) year period for examination and/or transcription by Miami Shores Village, its designees, or other authorized bodies.

## **RISK OF LOSS**

Miami Shores Village shall be relieved from all risks of loss or damage to goods during periods of transportation, manufacture, and the entire time the goods are in the possession of Miami Shores Village prior to acceptance by Miami Shores Village. Upon acceptance, the risk of loss or damage for goods shall pass to Miami Shores Village. The proposer/contractor shall not be responsible for damage to the goods occasioned by negligence of Miami Shores Village or its employees.

## **TAXES**

All proposals shall be submitted exclusive of direct Federal, State, and local taxes; however, if the proposer believes certain taxes are properly payable, he/she may list such taxes separately in each case directly below the respective item proposal price. Prices quoted must be in units specified and shall not include the cost of any such taxes, including those on any material, supplies, or equipment used or installed in the work. Miami Shores Village does not pay Federal Excise and Sales Taxes on direct purchases of tangible personal property. See Exemption Number on face of the resulting purchase order. This exemption does not apply to purchases of tangible personal property made by contractors who use the tangible personal property in the performance of contracts for improvement of Village-owned real property. Please refer to Chapter 192, Florida Statutes.

## **UNSATISFACTORY WORK**

If, at any time during the contract term, the service performed or work done by the contractor is considered by Miami Shores Village to create a condition that threatens the health, safety, or welfare of the community, the contractor shall, on being notified by Miami Shores Village, immediately correct such deficient service or work. In the event the contractor fails, after notice, to correct the deficient service or work immediately, Miami Shores Village shall have the right to order the correction of the deficiency by separate contract or with its own resources at the expense of the contractor. Notwithstanding the above, Miami Shores Village reserves the right to cancel a resulting contract, without cause, by giving ten (10) business days prior written notice to the contractor of the intention to cancel.





## **ACCESS STATEMENT**

The Americans with Disabilities Act (ADA) obligates the State and Local government to provide effective communication for individuals with disabilities. This includes written and oral communications. To request materials in accessible format, sign language interpreters and/or accommodation to participate in a Village sponsored program or meeting regarding this solicitation, please contact the Village Clerk, Ysabely Rodriguez at 305-762-4870 or via email at [rodriguezy@msvfl.gov](mailto:rodriguezy@msvfl.gov). Please contact this person for this solicitation five (5) days in advance to initiate you request.

## **END OF GENERAL PROVISIONS**



## **9. SPECIAL PROVISIONS**

In addition to the General Provisions of this solicitation, these Special Provisions, along with the specifications that follow, apply in like force to this solicitation and to any subsequent contract resulting therefrom.

### **INSURANCE REQUIREMENTS**

The insurance required must be written by an insurer authorized to do business in the State of Florida and also have an "A" policyholder's rating and a financial rating of at least Class VIII in accordance with the most current *Best's Key Rating Guide*. Prior to the time the contractor is entitled to commence any part of the project, work, or services under this contract, the contractor shall procure, pay for, and maintain at least the following insurance coverages and limits. The said insurance shall be evidenced by delivery to Miami Shores Village of 1) Certificates of Insurance executed by the insurers listing coverages and limits, expiration dates and terms of policies and all endorsements whether or not required by Miami Shores Village, and listing all carriers issuing the said policies; and 2) upon request, a certified copy of each policy, including all endorsements. The insurance requirements shall remain in effect throughout the term of this contract.

- 1. Workers' Compensation** in at least the limits as required by law; Employers' Liability Insurance of not less than One Hundred Thousand and 00/100 Dollars (\$100,000.00) for each accident. The contractor agrees to waive its right of subrogation as part of this coverage.
- 2. Comprehensive General Liability Insurance** including, but not limited to, Independent, Contractor, Contractual, Premises/Operations, Products/Completed Operation and Personal Injury covering the liability assumed under indemnification provisions of this contract, with limits of liability for personal injury and/or bodily injury, including death, of not less than Two Million and 00/100 Dollars (\$2,000,000.00), each occurrence; and property damage of not less than One Million and 00/100 Dollars (\$1,000,000.00), each occurrence. (Combined single limits of not less than Two Million and 00/100 Dollars [\$2,000,000.00], each occurrence, will be acceptable unless otherwise stated.) Coverage shall be on an "occurrence" basis, and the policy shall include Broad Form Property Damage coverage and Fire Legal Liability of not less than Fifty Thousand and 00/100 Dollars (\$50,000.00) per occurrence, unless otherwise stated by exception herein.
- 3. Comprehensive Automobile and Truck** liability covering owned, hired, and non-owned vehicles with combined single limits of not less than One Million and 00/100 Dollars (\$1,000,000.00), each occurrence. Coverage shall be on an "occurrence" basis, such insurance to include coverage for loading and unloading hazards.

Each insurance policy shall include the following conditions by endorsement to the policy:

- 1.** Each policy shall require that thirty (30) days prior to expiration, cancellation, nonrenewal, or any material change in coverages or limits, a notice thereof shall be given to Miami Shores Village by certified mail to: Miami Shores Village, 10050 NE 2<sup>nd</sup> Avenue, Miami Shores, FL 33138. The contractor shall also notify Miami Shores Village, in a like manner, within twenty-four (24) hours after receipt, of any notices of expiration,



cancellation, nonrenewal, or material change in coverage received by the said contractor from its insurer; and nothing contained herein shall absolve the contractor of this requirement to provide notice.

2. Companies issuing the insurance policy, or policies, shall have no recourse against Miami Shores Village for payment of premiums or assessments for any deductibles that all are at the sole responsibility and risk of the contractor.

3. The term "Village" or "Miami Shores Village" shall include all Authorities, Boards, Bureaus, Commissions, Divisions, Departments, and Offices of Village and individual members, employees thereof in their official capacities, and/or while acting on behalf of Miami Shores Village.

4. Miami Shores Village shall be endorsed to the required policy or policies as an additional named insured.

5. The policy clause "Other Insurance" shall not apply to any insurance coverage currently held by Miami Shores Village to any such future coverage, or to Miami Shores Village's self-insured retentions of whatever nature.

#### **MOTOR VEHICLE INDUSTRY LICENSING**

The contractor shall comply with Chapter 320, Florida Statutes. Failure to comply may result in a determination of non-responsibility on the basis that the proposer is not qualified to legally contract with Miami Shores Village and may further cause such noncompliant offers to be rejected.

## **END OF SPECIAL PROVISIONS**



## 10. SCHEDULE OF VALUES

**RESPONDENTS ARE TO COMPLETE THE "SCHEDULE OF VALUES" FORM ON THE FOLLOWING PAGES.**

**FAILURE TO COMPLETE AND SUBMIT THE SCHEDULE OF VALUES FORM MAY RENDER YOUR SUBMITTAL AS NONRESPONSIVE.**

### N.E. 96th STREET FROM N.e. 2nd AVENUE TO N.E. 10th AVENUE - ROADWAY IMPROVEMENTS VILLAGE OF MIAMI SHORES RFP 2021-02-01

PAY ITEM	FDOT PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY	UNIT PRICE	PRICE
1	0110-1-1	Clearing and Grubbing	LS	1		
2	0104-10-3	Sediment Barriers (Silt Fence)	LF	100		
3	0104-18	Inlet Protection System	EA	44		
4		Cleaning/Destiling Exist. & Prop. Storm Sewer	LS	1		
5	0110-4-A	Removal of Existing Concrete	SY	136		
6	0285-711	Optional Base Group 11 (12" Limerock LBR 100, for Trench Reconstruction)	SY	271		
7	0327-70-1	Milling Existing Asphalt Pavement (1" Average)	SY	0		
8	0337-7-80	Asph Conc Friction Course Traffic B (FC-9.5)	TN	351		
9	0425-1202	Curb Inlet Type 9 with Round Bottom >10'	EA	8		
10	0425-2-42	Manhole, P-7, >10'	EA	2		
11	0425-1-54 1	Gutter Inlet - Type V >10'	EA	1		
12	0425-1-432	Inlet Drainage - Type 3 J Bottom >10'	EA	1		
13	0425-5	Manhole-Ajust, Existing Sanitary & Storm Manhole Rim Elevation	EA	10		
14	0443-70-4	French Drain, 24"HDPE	LF	480		
15	0430-115-118	Pipe Culvert, round Shape 18" HDPE S/CD	LF	130		
16	0522-002	Concrete Sidewalk for Curb Ramps, 6" thick	SY	136		
17	0527-002	Detectable warnings	SF	141		
<b>Subtotal Roadway</b>						
PAY ITEM	FDOT PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY	UNIT PRICE	PRICE
1	0706-3	Retro-Reflective Pavement Markers	EA	369		
2	0711 - 11123	Thermoplastic, Std, White, Solid, 12"	LF	1,937		
3	0711 - 11124	Thermoplastic, Std, White, Solid, 18"	LF	38		
4	0711 - 11125	Thermoplastic, std, white, solid, 24"	LF	362		
5	0711 - 11160	Thermoplastic, standard, white, message or symbol	EA	4		
6	0711 - 11170	Thermoplastic, standard, white, arrow	EA	5		
7	0711 - 16101	Thermoplastic, Std-Oth, White, Solid, 6"	GM	1.837		
8	0711 - 16131	Thermoplastic, std-oth, White (10-30) skip, 6"	GM	0.303		
9	0711 - 16201	Thermoplastic, Std-Oth, Yellow,Solid, 6"	GM	1.870		
<b>Subtotal Pavement Marking and Signage</b>						
<b>TOTAL</b>						
		Mobilization	LS	1		
		Maintenance of Traffic	LS	1		
		Permitting Allowance	LS	1		
		Contingency (Do Not Bid)	LS	1	\$ 60,000.00	\$ 60,000.00
<b>Subtotal</b>						
<b>PROJECT TOTAL (IN FIGURES)</b>						



SUBMITTED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_ 20\_\_\_\_.

PROPOSAL SUBMITTED BY:

\_\_\_\_\_  
Company

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Name of Person Authorized to Submit Proposal

\_\_\_\_\_  
Fax Number

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Email Address

\_\_\_\_\_  
Title

**END OF SECTION**



## **11. CONSTRUCTION PLANS**

**UNDER SEPARATE COVER**



## **12. TECHNICAL SPECIFICATIONS**

This project will follow Division I, II and DIV III - Construction Detail contain in the 2021 FDOT Standard Specification. See the link below:

[https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/specbooks/january2021/1-21ebook.pdf?sfvrsn=1c62cb58\\_2](https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/implemented/specbooks/january2021/1-21ebook.pdf?sfvrsn=1c62cb58_2)



## 13. CONSTRUCTION BID FORM

THIS PROPOSAL IS SUBMITTED TO:

Tom Benton Village Manager  
10050 NE 2<sup>nd</sup> Avenue Miami Shores, FL 33138

1. If this Proposal is accepted, the undersigned Respondent agrees to enter into a Contract with Miami Shores Village in the form included in this Solicitation Package and to perform and furnish all work as specified or indicated in this Solicitation, for the Proposed Price as set forth below, within the Contract Time and in accordance with the other terms and conditions of the Solicitation Package.
2. Respondent accepts all the terms and conditions of the Solicitation and Instructions to Respondents, including without limitation those dealing with the disposition of Proposal/Bid Bond, if required. This Proposal will remain subject to acceptance for 180 calendar days after the day of the Proposal Opening. The Respondent, by signing and submitting this proposal, agrees to all of the terms and conditions of the form of contract that is a part of the Solicitation package with appropriate changes to conform to the information contained in this Bid Form. Respondent agrees to sign and submit the Bonds, if required by this Solicitation, required insurance documents, and other documents required by the Solicitation, including the Contract if not already submitted, within ten (10) calendar days after the date of the Village's Notice of Award.
3. In submitting this Proposal, Respondent represents that:
  - a. Respondent has examined copies of all the Solicitation Documents and of the following Addenda, if any (receipt of all which is hereby acknowledged.)

Addendum No. \_\_\_\_\_

Dated: \_\_\_\_\_

- b. Respondent has familiarized himself with the nature and extent of the Contract Documents, the proposed work, site, locality, and all local conditions and laws and regulations that in any manner may affect cost, progress, performance or furnishing of the Work.
- c. Subsurface conditions: If applicable to this Solicitation, the Respondent represents that:
  - i. Respondent has carefully studied all reports and drawings, if applicable, of subsurface conditions and drawings of physical conditions.
  - ii. Respondent has obtained and carefully studied (or assumes responsibility for obtaining and carefully studying) all such examinations, investigations, explorations, tests and studies in addition to or to supplement those referred to in this paragraph which pertain to the subsurface or physical conditions at the site or otherwise may affect the cost, progress, performance, or the furnishing of the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents. The Respondent hereby acknowledges that no additional examinations, investigations, explorations, tests, reports or similar information or data are, or





- will, be required by Respondent for any reason in connection with the Proposal. The failure of the Respondent to request a pre-bid marking of the construction site by any or all utility companies shall create an irrefutable presumption that the Respondent's bid, or proposal price, has taken into consideration all possible underground conditions and Respondent, if awarded the contract, shall not be entitled to a change order for any such condition discovered thereafter.
- iii. Respondent has correlated the results of all such observations, examinations, investigations, explorations, tests, reports and studies with the terms and conditions of the Contract Documents.
  - iv. Respondent has reviewed and checked all information and data shown or indicated in the Solicitation Package or in the Contract Documents with respect to existing Underground Facilities or conditions at or contiguous to the site and assumes responsibility for the accurate location of all Underground Facilities and conditions that may affect the Work. No additional examinations, investigations, explorations, tests, reports or similar information or data in respect to any Underground Facilities or conditions are, or will be, required by Respondent in order to perform and furnish the Work at the Contract Price, within the Contract Time and in accordance with the other terms and conditions of the Contract Documents unless the Proposal specifically states that the contract price is subject to adjustment for future discovery of underground facilities and/or conditions that affect the cost of the Work and unless the respondent makes a written request to the Village for additional information prior to submitting the bid or proposal as required in subsection ii above,
- d. Respondent has given the Village written notice of all conflicts, errors or discrepancies that it has discovered in the Contract Documents and, if any conflicts, errors or discrepancies have been found and notice given, the Respondent represents, by submitting its proposal to the Village, that the Respondent has received sufficient notice of the resolution thereof from the Village, that such resolution is acceptable to Respondent and that the Respondent waives any claim regarding the conflicts, errors or discrepancies.
  - e. This Proposal is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted pursuant to any agreement or rules of any group, association, organization, or corporation; Respondent has not directly or indirectly induced or solicited any other Respondent to submit a false or sham Proposal; Respondent has not solicited or induced any person, firm or corporation to refrain from responding; and Respondent has not sought by collusion or otherwise to obtain for itself any advantage over any other Respondent or over the VILLAGE.
4. Respondent understands and agrees that the Contract Price is the amount that it needs to furnish and install all of the Work complete and in place. The Schedule of Values, if required, is provided for the purpose of Proposal Evaluation and when initiated by the VILLAGE, it shall form the basis for calculating the pricing of change orders. The Contract Price shall not be adjusted in any way so as to result in a deviation from the Schedule of Values, except to the extent that the VILLAGE changes the Scope of the Work after the Contract Date. As such, the Respondent shall furnish all labor, materials, equipment, tools, superintendence and services necessary to provide a complete, in place, Project for the Proposal



Price. If this Solicitation requires the completion of a *Respondent Cost and Technical Proposal, if any*, as may be set forth in in an exhibit to this Solicitation, such proposal must be attached to this Construction Bid Form and will take the place of the Lump Sum Price, otherwise, the Contract Price for the completed work is as follows:

**LUMP SUM BASE PRICE**

\_\_\_\_\_dollars  
and \_\_\_\_\_  
\_\_\_\_\_cents

Alternates: #1 \_\_\_\_\_ #2 \_\_\_\_\_

A fee breakdown for each task included in the lump sum contract price, if applicable, must be provided. Failure to provide this information shall render the proposal non-responsive.

5. The ENTIRE WORK for this project is in accordance with the Scope of Services, and shall be completed, in full, within **180 Calendar days** from the commencement date set forth in the NOTICE TO PROCEED. Failure to complete the entire work during the described time period shall result in the assessment of liquidated damages as may be set forth in the Contract.

6. Insert the following information for future communication with you

concerning this Proposal: RESPONDENT: \_\_\_\_\_

Address: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Facsimile: \_\_\_\_\_  
Contact \_\_\_\_\_  
Person \_\_\_\_\_

7. The terms used in this Proposal which are defined in the Contract shall have the same meaning as is assigned to them in the Contract Documents, unless specifically defined in this Solicitation Package.

8. If a Respondent's Cost & Technical Proposal, if any, is required by the Solicitation, Respondent hereby certifies that all of the facts and responses to the questions posed in the Cost & Technical Proposal, if such an exhibit is made a part of the Solicitation, are true and correct and are hereby adopted as part of this **Construction Bid Form**, and are made a part of this proposal, by reference.

9. By submitting this proposal, I, on behalf of the business that I represent, hereby agree to the terms of the form of contract contained in the Solicitation package and I agree to be bound by those terms, with any appropriate blank boxes, if any, checked and any blank lines filled in with the appropriate information contained in the Solicitation Documents and this Proposal, or such information that the Village



and I have agreed upon in the course of contract negotiations and which have been confirmed by the Village in writing, including e-mail confirmation, if any. I hereby certify under penalty of perjury that I am the lawful representative of the business entity referenced in this Bid Form, that I have authority to bid for that entity, that I have authority to sign contracts for that entity and bind it to those contract terms and that all of the information and representations contained herein are true and correct to the best of my knowledge, information and belief.

SUBMITTED \_\_\_\_\_ THIS \_\_\_\_\_ DAY OF 20\_\_\_\_.

PROPOSAL SUBMITTED BY:

\_\_\_\_\_

Company

Telephone Number

\_\_\_\_\_

Name of Person Authorized to Submit Proposal Fax Number

Signature

Email Address

\_\_\_\_\_

Title

**END OF SECTION**



# **14. ADDENDUMS**



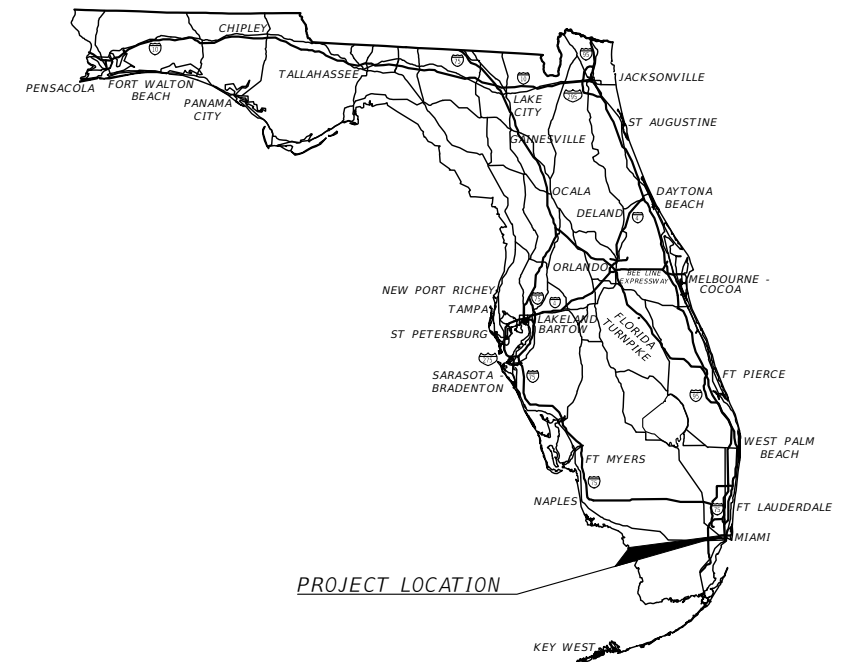
# MIAMI SHORES VILLAGE

## CONTRACT PLANS

N.E. 96TH STREET  
 BETWEEN N.E. 2nd AVE. & N.E. 10th AVE.  
 ROADWAY IMPROVEMENTS  
 100% SUBMITTAL  
 FEBRUARY 12, 2021

### INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	TYPICAL SECTION
3	GENERAL NOTES
4	SUMMARY OF PAY ITEMS & QUANTITIES
5-15	DRAINAGE AND GRADING PLAN
16-25	ROADWAY PLANS
26-35	SIGNING & PAVEMENT MARKING PLANS
36-38	STORM WATER POLLUTION PREVENTION PLAN (SWPPP)
39-45	DETAILS
46	MAINTENANCE OF TRAFFIC



####  
 ENGINEER OF RECORD:  
 FRANCISCO J. ALONSO  
 P.E. NO.: 66918  
 TYLIN INTERNATIONAL  
 201 ALHAMBRA CIR, SUITE 900  
 CORAL GABLES, FL, 33134  
 CONTRACT NO.: \*\*\*\*\*  
 VENDOR NO.: \*\*\_\*\*\*\*\*  
 CERTIFICATE OF AUTHORIZATION NO.: \*\*\*\*\*

VILLAGE PROJECT MANAGER:  
 CHRIS MIRANDA

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	2021	1

GOVERNING STANDARD PLANS:  
 Florida Department of Transportation, FY2020-21 Standard plans for Road and Bridge Construction and applicable Interim Revisions (Irs).

Standard Plans for Road Construction and associated Irs are available at the following website:  
<http://www.fdot.gov/design/Standardplans.shtm>

APPLICABLE IRs: IR536-001-01, IR521-001-01

Standard Plans for Bridge Construction are included in the Structures Plans Component.

GOVERNING STANDARD SPECIFICATIONS:  
 Florida Department of Transportation, JANUARY, 2021 Standard Specifications for Road and Bridge Construction at the following website:  
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

**GENERAL NOTES:**

- BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD29). ALL PUBLIC LAND CORNERS AND PRIMARY NETWORK CONTROL SURVEY MONUMENTS ARE TO BE PROTECTED. CORNERS AND MONUMENTS WITHIN THE WORK ZONE AND IN DANGER OF BEING DAMAGED, DESTROYED OR COVERED SHALL BE PROPERLY REFERENCED BY A REGISTERED LAND SURVEYOR IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS OF THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYOR PRIOR TO THE BEGINNING OF WORK. UPON PROJECT COMPLETION, RESTORE ALL SUCH CORNERS AND MONUMENTS AND FURNISH TO THE VILLAGE A SIGNED AND SEALED COPY OF THE LAND SURVEYOR'S REFERENCE DRAWING. INCLUDE ALL COST OF REFERENCING, RESTORING AND PRESERVING CORNERS AND MONUMENTS IN THE BID PRICE FOR MOBILIZATION.
- ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:  
 JORGE R. AVINO  
 P.S.M. No. 4996  
 AVINO & ASSOCIATES  
 1350 S.W. 57th AVENUE, SUITE 207  
 EB # 5098; LB # 5098  
 JRAVINO@AVINOANDASSOCIATES.COM
- THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH, AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- HAND EXCAVATE AROUND AREAS WHERE EXISTING UNDERGROUND UTILITIES ARE EXPECTED OR SUSPECTED IN ORDER TO AVOID DAMAGES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS AND COSTS TO CORRECT DAMAGES RESULTING FROM FAILURE TO TAKE ALL NECESSARY PRECAUTIONS INCLUDING LOCATING, MARKING AND CAREFUL EXCAVATION, AND SHOULD BE INCIDENTAL TO THE COST OF THE PROJECT.
- OBTAIN ALL NECESSARY PERMITS PRIOR TO COMMENCING CONSTRUCTION.
- IT IS THE OBLIGATION OF THE BIDDER OR THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION AND SATISFY HIMSELF FULLY OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS BID. FAILURE TO DO SO, WILL NOT RELIEVE HIM OF HIS OBLIGATION TO COMPLETE THE WORK FULLY AND ACCEPTABLE TO THE ENGINEER AND THE OWNER FOR THE CONSIDERATION SET FORTH IN HIS BID.
- DO NOT SCALE DIMENSIONS FROM PRINTS FOR CONSTRUCTION PURPOSES.
- CUT EXISTING DRIVEWAYS AND SIDEWALKS CAREFULLY AND NEATLY FINISH TO MATCH EXISTING SURFACE LEVEL.
- BASELINE OF CONSTRUCTION FOR ALL STREETS SHALL BE THE STREET CENTER LINE OR AS SHOWN ON THE PLANS.
- ALL DISTURBED GRASS AREAS TO BE RESTORED WITH SUITABLE SOIL AND SOLID ST AUGUSTINE SOD IF NOT SPECIFIED OTHERWISE ON THE PLANS.
- IT IS THE INTENT OF THESE PLANS TO BE IN COMPLIANCE WITH APPLICABLE CODES OF AUTHORITIES HAVING JURISDICTION. ANY DISCREPANCIES BETWEEN THESE PLANS AND APPLICABLE CODES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER.
- WHERE NEW PAVEMENT MEETS EXISTING, CONNECTION SHALL BE MADE IN A NEAT STRAIGHT (FEATHERED) LINE AND FLUSH WITH EXISTING PAVEMENT.
- USE MIAMI DADE COUNTY DEPARTMENT OF TRANSPORTATION & PUBLIC WORKS (MDC - DTPW) STANDARDS AND THE FDOT STANDARD PLANS - FY 2020-21 UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING TREES, STRUCTURES, UTILITIES AND UTILITY MARKERS, WHICH MAY NOT BE SHOWN ON PLANS. ANY EXISTING STRUCTURES, PAVEMENT, TREES, UTILITIES, UTILITY MARKERS OR OTHER EXISTING IMPROVEMENT NOT SPECIFIED FOR REMOVAL WHICH IS TEMPORARILY DAMAGED, EXPOSED OR IN ANY WAY DISTURBED BY CONSTRUCTION PERFORMED UNDER THIS CONTRACT, SHALL BE REPAIRED, PATCHED OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL RESET OR REPLACE EXISTING METER BOXES AND PULL BOXES AS REQUIRED FOR SIDEWALK RECONSTRUCTION AND FOR ADA COMPLIANCE. INSTALLATIONS OF NEW PULL BOXES SHALL BE PERFORMED BY QUALIFIED ELECTRICAL CONTRACTOR. WHEN REPLACING AN EXISTING PULL BOX, THE CONTRACTOR SHALL ADJUST CONDUITS AND CABLES TO FIT THE NEW PULL BOX ELEVATION. COST OF ADJUSTMENTS AND NEW PULL BOXES/METER BOXES IS INCIDENTAL TO TOTAL PROJECT COST.
- NO STAGING OR OTHER ACTIVITIES FOR THIS PROJECT NOT DEPICTED ON THE CURRENT PLAN SUBMITTAL WILL BE ALLOWED WITHIN OR IMMEDIATELY ADJACENT TO THE NATIONAL REGISTERLISTED BARRY UNIVERSITY HISTORIC DISTRICT NORTH OF STA. 137+00.00.
- ALL IMPROVEMENTS ARE TO BE CONSTRUCTED AND/OR INSTALLED WITHIN THE EXISTING STATE AND/OR LOCAL RIGHT-OF-WAY
- ALL EXISTING TREES WITHIN PROJECT LIMITS WILL REMAIN. ALL EXISTING TREES AND PALMS SHALL BE PROTECTED PER FDOT INDEX 110-100. LIST OF EXISTING TREES IS SHOWN ON THE SURVEY.

**PAY ITEM NOTES**

- ALL DEMOLITION, WITH THE EXCEPTION OF REMOVAL OF EXISTING PAVEMENTS, SHALL BE PAID UNDER CLEARING AND GRUBBING.

**ENVIRONMENTAL NOTES**

- ANY MATERIAL TO BE STOCKPILED FOR PERIODS GREATER THAN 24 HOURS SHALL BE PROTECTED BY APPROPRIATE EROSION CONTROL DEVICES.
- REVIEW ENVIRONMENTAL REQUIREMENTS OF ANY PROPOSED STAGING AREAS WITH THE ENGINEER (FRANCISCO ALONSO 305-567-1888) AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO USE.
- CONTRACTOR SHALL NOT STAGE OR OPERATE EQUIPMENT WITHIN THE DRIPLINE OF TREES.
- A NATIONAL POLLUTANT AND DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT IS REQUIRED. STORMWATER, EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE VILLAGE'S MUNICIPAL SEPARATE STORM SEWER SYSTEM (MS4) PERMIT. A NPDES PERMIT FROM THE FDEP WILL ALSO BE REQUIRED.
- UNIDENTIFIED AREAS OF CONTAMINATION

**PAVING, GRADING AND DRAINAGE NOTES:**

- ALL WORK TO BE IN COMPLIANCE WITH THE REQUIREMENTS OF AND ACCEPTABLE TO VILLAGE OF MIAMI SHORES. PUBLIC WORKS DEPARTMENT, FDOT DISTRICT 6 AND MIAMI-DADE COUNTY'S DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (MDC - DTPW).
- CONTRACTOR SHALL PROVIDE HIS OWN LINE AND GRADE FROM HORIZONTAL AND VERTICAL CONTROL. CONTRACTOR SHALL ALSO PROVIDE "AS BUILT" GRADES CERTIFIED BY A REGISTERED LAND SURVEYOR AS REQUIRED BY THE VILLAGE OF MIAMI SHORES.
- PAVEMENT RESTORATION AND DRIVEWAY CONSTRUCTION SHALL BY CONSTRUCTED IN ACCORDANCE WITH THE VILLAGE OF MIAMI SHORES.
- BID PRICES SHALL INCLUDE ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS COMPLETE IN PLACE, TESTED, AND ACCEPTED BY THE ENGINEER.
- THE CONTRACTOR SHALL USE SWEEPER (USING WATER) OR OTHER EQUIPMENT CAPABLE OF CONTROLLING AND REMOVING DUST. APPROVAL OF THE USE OF SUCH EQUIPMENT IS CONTINGENT UPON ITS DEMONSTRATED ABILITY TO DO WORK. COST TO BE INCLUDED IN PAY ITEM 102-1 MAINTENANCE OF TRAFFIC.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING EXISTING AND NEW INLETS CLEAN OF MILLING MATERIAL, LIMEROCK, DEBRIS, ETC. THIS SHALL BE DONE DURING THE CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER. ALL EXISTING LINES AND STRUCTURES SHALL BE CLEANED PRIOR TO FINAL INSPECTION AND ACCEPTANCE.
- EXISTING GRADES WERE TAKEN FROM THE BEST AVAILABLE DATA AND MAY NOT ACCURATELY REFLECT PRESENT CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH CURRENT SITE CONDITIONS, AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER PRIOR TO STARTING WORK.
- CONTRACTOR SHALL INCLUDE IN THE BID PRICE FOR REMOVAL OF EXISTING CONCRETE PAVEMENT/REMOVAL OF EXISTING CONCRETE THE FOLLOWING ITEMS: STREET NAMES, CONCRETE DRIVEWAY PADS, ASPHALTIC DRIVEWAY PADS, SIDEWALK FLAGS TO BE REPLACED AND CURB RAMPS.

**ADA COMPLIANCE NOTES:**

- SIDEWALK WITHIN LIMITS OF THE PROJECT MUST BE ACCESSIBLE AND ADA COMPLIANT.
- ALL SIDEWALK WORK MUST COMPLY WITH ADA TITLE II.
- THE MAXIMUM CROSS-SLOPE FOR NEW SIDEWALK AND PEDESTRIAN ACCESS ROUTE (PAR) IS 2%.
- DO NOT "MEET AND MATCH EXISTING SIDEWALK", UNLESS THE EXISTING IS ADA COMPLIANT.
- PROPOSED SIDEWALKS NEED TO BE IN COMPLIANCE WITH ADA AND MDC PUBLIC WORKS MANUAL, AND AS PER CITY STANDARD SPECIFICATIONS.
- MINIMUM SIDEWALK CLEAR PEDESTRIAN ACCESS ROUTE (PAR) IS 48"WIDE.
- NO OBSTRUCTION IS PERMITTED ALONG THE WIDTH OF THE SIDEWALK UP TO 7'-0"IN HEIGHT.
- ALL LIDS SURFACES OF PULL BOXES, MANHOLES, ETC. IN THE SIDEWALKS ON THE SIDEWALK MUST BE FLUSH AND ADA COMPLIANT.
- DAMAGED CURB AND GUTTER TO BE REPLACED FROM JOINT TO JOINT.
- ALL CURB RAMPS AFFECTED BY THE JOB NEED TO BE REPLACED AS PER FDOT STANDARD PLANS FOR ROAD CONSTRUCTION INDEX NO. 522-002.
- DETECTABLE WARNING SURFACE (DWS) TO BE SELECTED FROM MDC ARTICLE 527 LIST.

**UTILITY NOTES**

- CONTRACTOR SHALL FIELD VERIFY ALL UNDERGROUND EXISTING UTILITIES BEFORE EXCAVATING.
- ALL EXISTING UTILITIES ARE TO REMAIN UNLESS OTHERWISE NOTED.
- PRE-EXCAVATING IN THE ALIGNMENT AND GRADE OF PROPOSED IMPROVEMENTS SHALL BE PERFORMED SEVEN DAYS IN ADVANCE OF ITS CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE UNDERGROUND UTILITY OWNERS AND MIAMI SHORES VILLAGE PROJECT MANAGER A SEVEN DAYS ADVANCE NOTICE OF ANY CONFLICT WITH PROPOSED CONSTRUCTION. THIS NOTIFICATION SHALL PROVIDE SURVEY INFORMATION ABOUT EXISTING UTILITY ALIGNMENT, GRADE AND POSSIBLE CONFLICTS. PAYMENT FOR PRE-EXCAVATING, SURVEY AND BACKFILLING SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE WORK BEING DONE.
- CONTRACTOR TO EXERCISE EXTREME CAUTION DURING EXCAVATION AND INSTALLATION OF PROPOSED IMPROVEMENTS. ADJUSTMENT TO GUY WIRES, EXIST. VALVE BOXES AND MANHOLES TOPS TO FINISHED GRADE SHALL BE INCLUDED IN THE COST OF THE RELATED BID ITEM FOR THE WORK BEING DONE. CONTRACTOR TO COORDINATE ALL ADJUSTMENTS WITH THE APPROPRIATE UTILITY OWNERS.
- ALL IMPROVEMENTS THAT MUST CROSS, OR RUN PARALLEL, TO AN EXISTING MD-WASD UTILITY SHOULD BE INSTALLED WITH A MINIMUM HORIZONTAL SEPARATION OF 3 FT. (OUTER FACE TO OUTER FACE) FROM ANY MD-WASD UTILITY AND SHALL MEET ALL APPLICABLE REQUIREMENTS SET FORTH IN F.A.C. RULE 62-555.314.

**UTILITY COMPANY CONTACT LIST:**

AT&T DISTRIBUION	DINO FARRUGGIO	561-997-0240
COMCAST CABLE	LEONARD MAXWELL-NEWBOLD	754-221-1254
MIAMI-DADE COUNTY PUBLIC WORKS	OCTAVIO VIDAL	305-412-0891 EXT.201
FLORIDA POWER AND LIGHT-DADE	EDGAR AGUILAR	386-586-6403
MIAMI-DADE WATER AND SEWER	LAZARO GUERRA	786-268-5273
TECO PEOPLE GAS SOUTH FLORIDA	JOAN DOMNING	813-275-3783
FDOT LIGHTING	IGOR DUBROVSKIY	305-640-7431

**PROJECT CONTACT LIST:**

MIAMI-DADE DEPARTMENT OF TRANSPORTATION & PUBLIC WORKS (DTPW),  
 OFFICE OF SAFETY & SECURITY: (305) 375-4240  
 MIAMI-DADE DTPW BUS TRAFFIC CONTROL CENTER: (305) 375-2925

**SYMBOL LEGEND**

	Tree		Manhole Unmarked
	Palm Tree		Wood Pole
	Single Support Sign		Wiring Pull Box
	Manhole Drainage		Catch Basin
	Curb Inlet		Manhole Sewer
	Meter Water		Guard Post
	Fire Hydrant		Column
	Valve Water		Guy Wire

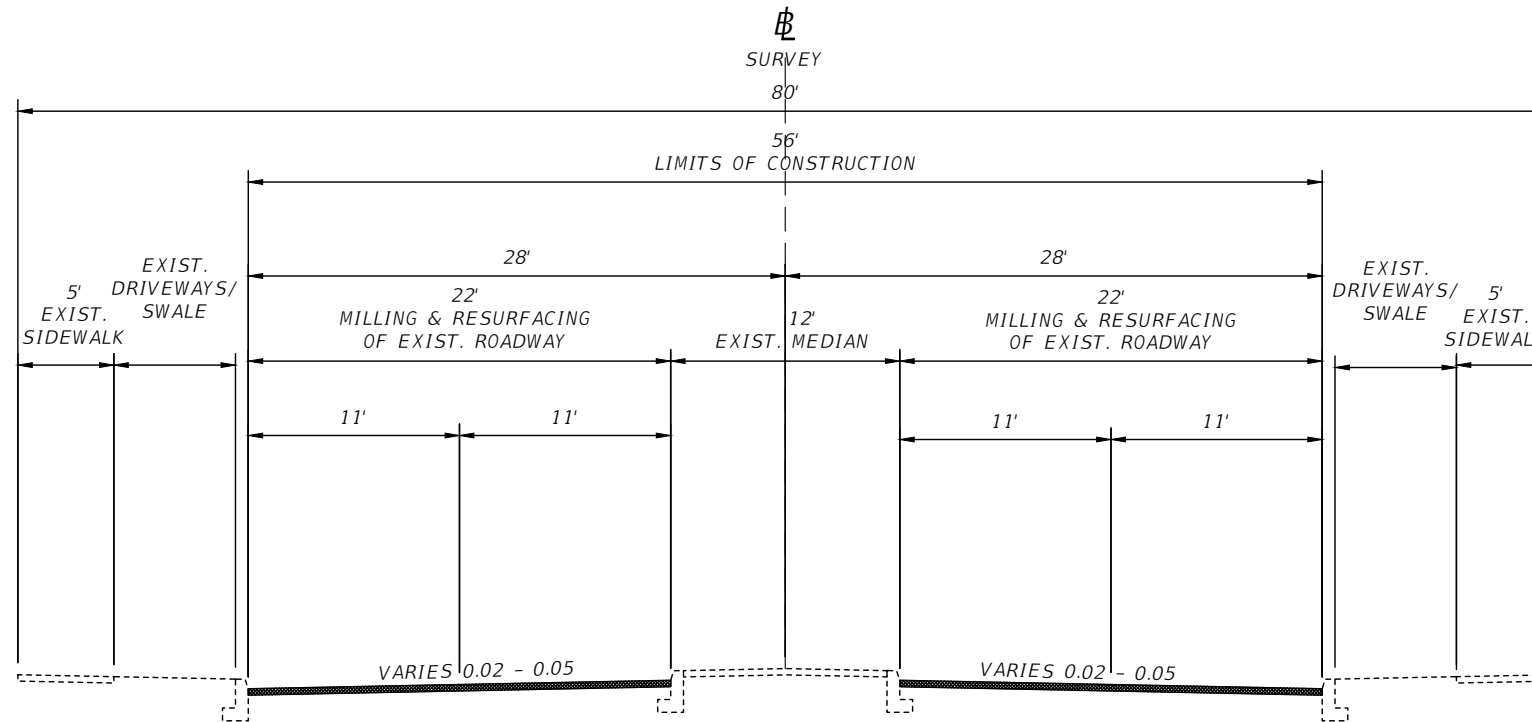
**LINE LEGEND:**

	Overhead Line
	Chain link Fence
	Metal Fence



**ABBREVIATION**

	CBS	Concrete Block Stucco
	Typ.	Typical
	Transf.	Transformer
	Conc.	Concrete
	El.	Elevation
	Sta.	Station
	Conc.	Concrete
	T.B.M.	Temporary Bench Mark
	Fnd.	Found
		Irrigation Valve

REVISIONS				FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 TYLIN INTERNATIONAL 201 ALHAMBRA CIR CORAL GABLES, FL 33134 CERTIFICATE OF AUTHORIZATION ----	 MIAMI SHORES VILLAGE COUNTY <b>TYLIN</b> INTERNATIONAL	 COUNTY <b>TYLIN</b> INTERNATIONAL	<b>GENERAL NOTES</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					2
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TYPICAL SECTION  
 NE 96th STREET  
 Btw NE 2nd AVE & NE 10th AVE  
 MILLING & RESURFACING  
 STA. 10+51.58 TO 63+05.62

REVISIONS				FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 TYLIN INTERNATIONAL 201 ALHAMBRA CIR CORAL GABLES, FL 33134 CERTIFICATE OF AUTHORIZATION ----	 MIAMI SHORES VILLAGE		<i>TYPSTRD01</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					3
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### MIAMI SHORES - NE 96th STREET

PAY ITEM	FDOT PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY
1	0110-1-1	Clearing and Grubbing	LS	1
2	0104-10-3	Sediment Barriers (Silt Fence)	LF	100
3	0104-18	Inlet Protection System	EA	44
4		Cleaning/Destiling Exist. & Prop. Storm Sewer	LS	1
5	0110-4-A	Removal of Existing Concrete	SY	136
6	0285-711	Optional Base Group 11 (12" Limerock LBR 100, for Trench Reconstruction)	SY	271
7	0327-70-1	Milling Existing Asphalt Pavement (1" Average)	SY	31,413
8	0337-7-80	Asph Conc Friction Course Traffic B (FC-9.5)	TN	1,728
9	0425-1202	Curb Inlet Type 9 with Round Bottom >10'	EA	9
10	0425-2-42	Manhole, P-7, >10'	EA	2
11	0425-1-54 1	Gutter Inlet - Type V >10	EA	1
12	0425-1-432	Inlet Drainage	EA	1
13	0425-5	Manhole-Adjust, Existing Sanitary & Storm Manhole Rim Elevation	EA	10
14	0443-70-4	French Drain, 24"HDPE	LF	480
15	0430-115-118	Pipe Culvert, round Shape 18" HDPE S/CD	LF	130
16	0522-002	Concrete Sidewalk for Curb Ramps, 6" thick	SY	136
17	0527-002	Detectable warnings	SF	141
<b>Subtotal Roadway</b>				
PAY ITEM	FDOT PAY ITEM	PAY ITEM DESCRIPTION	UNIT	PLAN QUANTITY
1	0706-3	Retro-Reflective Pavement Markers	EA	369
2	0711 - 11123	Thermoplastic, Std, White, Solid, 12"	LF	1,937
3	0711 - 11124	Thermoplastic, Std, White, Solid, 18"	LF	38
4	0711 - 11125	Thermoplastic, std, white, solid, 24"	LF	362
5	0711 - 11160	Thermoplastic, standard, white, message or symbol	EA	4
6	0711 - 11170	Thermoplastic, standard, white, arrow	EA	5
7	0711 - 16101	Thermoplastic, Std-Oth, White, Solid, 6"	GM	1,837
8	0711 - 16131	Thermoplastic, std-oth, White (10-30) skip, 6"	GM	0.303
9	0711 - 16201	Thermoplastic, Std-Oth, Yellow,Solid, 6"	GM	1,870
<b>Subtotal Pavement Marking and Signage</b>				
<b>TOTAL</b>				
		Mobilization	LS	S 1.00
		Maintenance of Traffic	LS	S 1.00
		Permitting Allowance	LS	S 1.00
		Contingency (Do Not Bid)	LS	S 1.00
<b>Subtotal</b>				
<b>PROJECT TOTAL</b>				

REVISIONS				FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 TYLIN INTERNATIONAL 201 ALHAMBRA CIR CORAL GABLES, FL 33134 CERTIFICATE OF AUTHORIZATION ----	 MIAMI SHORES VILLAGE		<b>SUMMARY OF PAY ITEMS &amp; QUANTITIES</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					4
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CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+75.26  
27.58 LT.

CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+57.99  
26.33 LT.

Drainage Manhole  
Rim Elev.=9.62'  
Inv. Elev.(N)=2.42' (36" Metal Pipe)  
Inv. Elev.(S)=2.22' (36" Metal Pipe)  
Inv. Elev.(E)=3.32' (15" Metal Pipe)  
Inv. Elev.(W)=3.22' (15" Metal Pipe)  
Bottom Elev.=0.42'

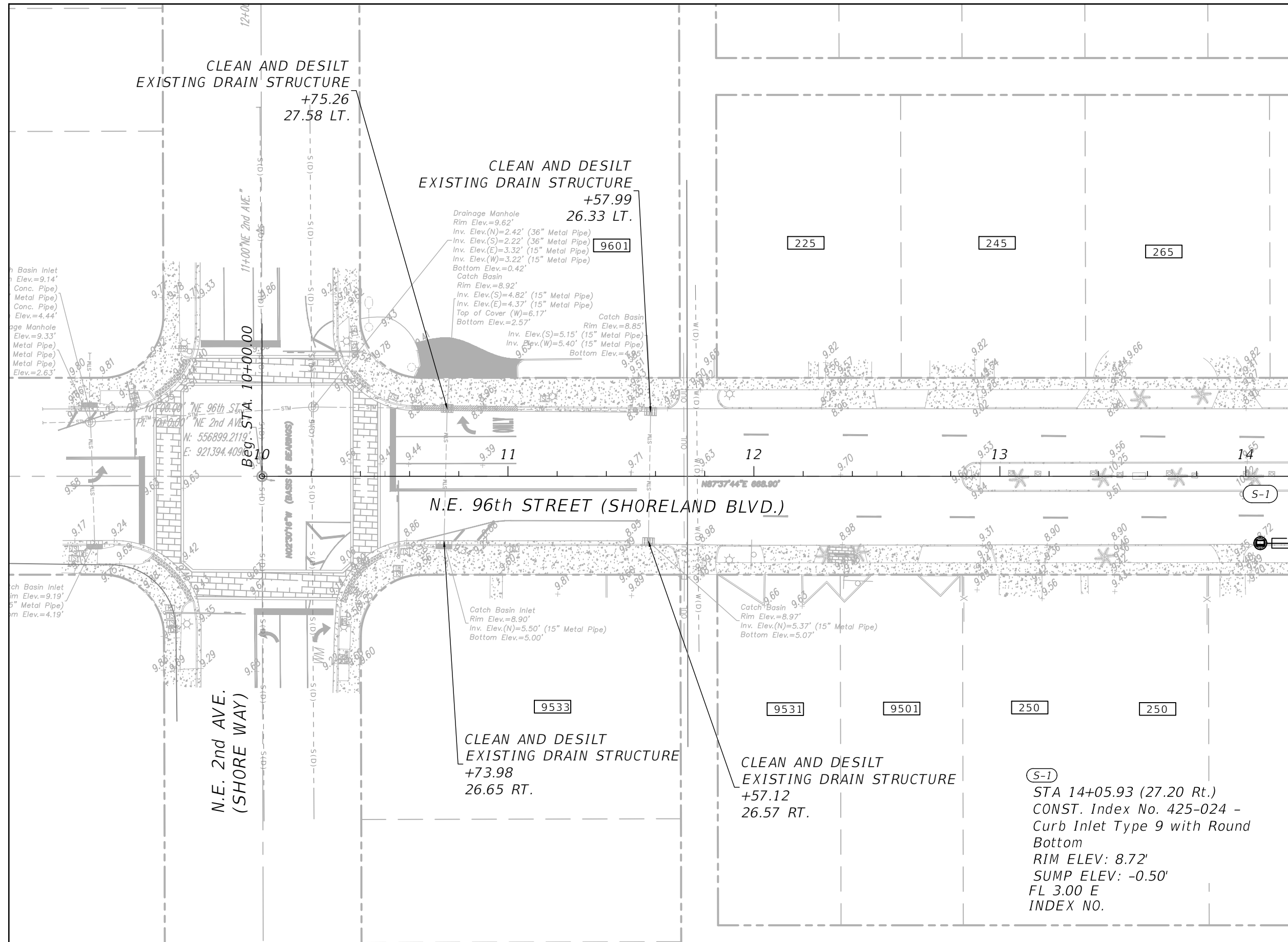
Catch Basin  
Rim Elev.=8.92'  
Inv. Elev.(S)=4.82' (15" Metal Pipe)  
Inv. Elev.(E)=4.37' (15" Metal Pipe)  
Top of Cover (W)=6.17'  
Bottom Elev.=2.57'

Catch Basin  
Rim Elev.=8.85'  
Inv. Elev.(S)=5.15' (15" Metal Pipe)  
Inv. Elev.(W)=5.40' (15" Metal Pipe)  
Bottom Elev.=4.95'

CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+73.98  
26.65 RT.

CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+57.12  
26.57 RT.

(S-1)  
STA 14+05.93 (27.20 Rt.)  
CONST. Index No. 425-024 -  
Curb Inlet Type 9 with Round  
Bottom  
RIM ELEV: 8.72'  
SUMP ELEV: -0.50'  
FL 3.00 E  
INDEX NO.



MATCHLINE STA. - 14+19.82

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

 MIAMI SHORES VILLAGE	 TYLIN INTERNATIONAL	<b>DRAINAGE &amp; GRADING</b>	SHEET NO. 5

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 14+19.82

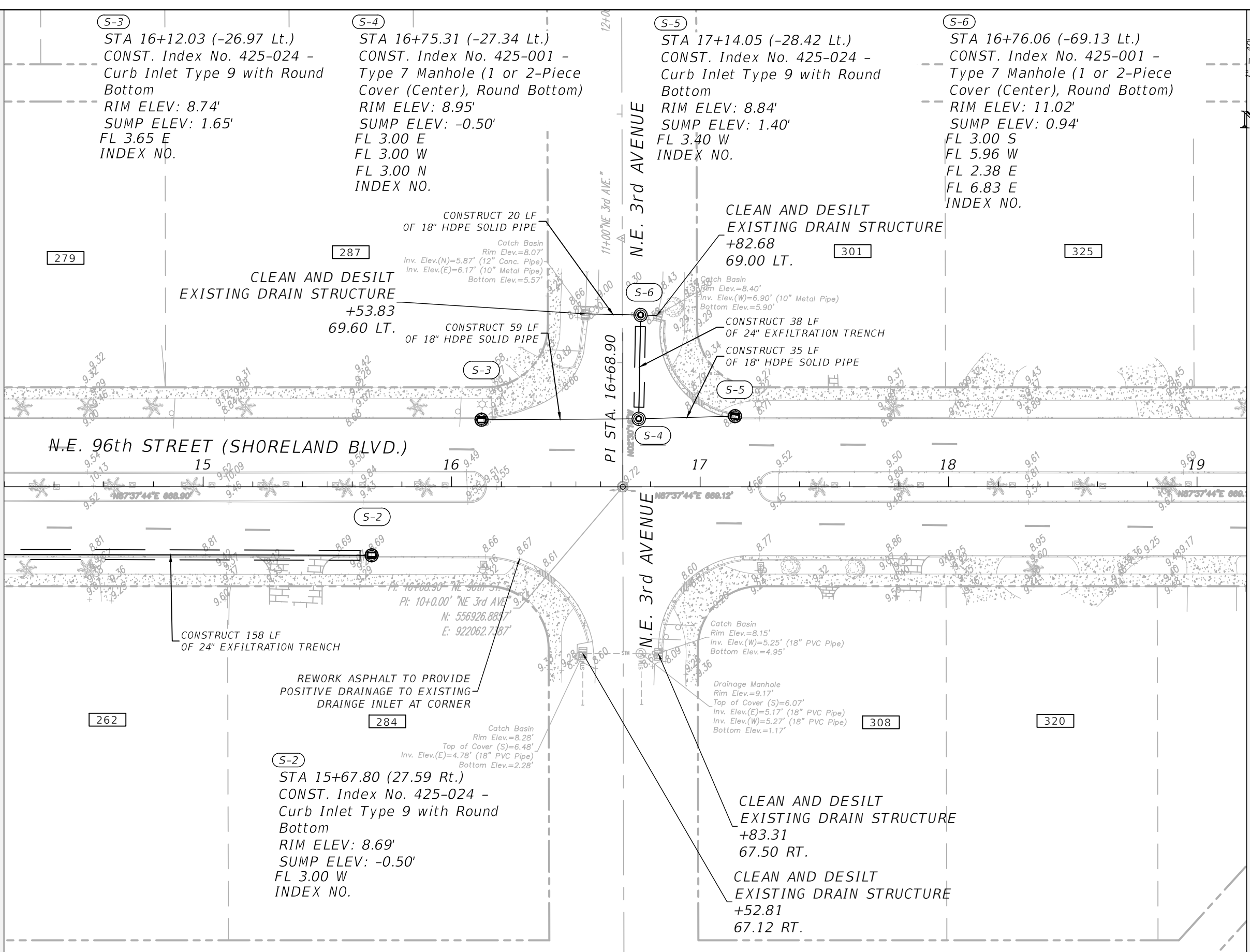
MATCHLINE STA. - 19+20.00

(S-3)  
 STA 16+12.03 (-26.97 Lt.)  
 CONST. Index No. 425-024 -  
 Curb Inlet Type 9 with Round  
 Bottom  
 RIM ELEV: 8.74'  
 SUMP ELEV: 1.65'  
 FL 3.65 E  
 INDEX NO.

(S-4)  
 STA 16+75.31 (-27.34 Lt.)  
 CONST. Index No. 425-001 -  
 Type 7 Manhole (1 or 2-Piece  
 Cover (Center), Round Bottom)  
 RIM ELEV: 8.95'  
 SUMP ELEV: -0.50'  
 FL 3.00 E  
 FL 3.00 W  
 FL 3.00 N  
 INDEX NO.

(S-5)  
 STA 17+14.05 (-28.42 Lt.)  
 CONST. Index No. 425-024 -  
 Curb Inlet Type 9 with Round  
 Bottom  
 RIM ELEV: 8.84'  
 SUMP ELEV: 1.40'  
 FL 3.40 W  
 INDEX NO.

(S-6)  
 STA 16+76.06 (-69.13 Lt.)  
 CONST. Index No. 425-001 -  
 Type 7 Manhole (1 or 2-Piece  
 Cover (Center), Round Bottom)  
 RIM ELEV: 11.02'  
 SUMP ELEV: 0.94'  
 FL 3.00 S  
 FL 5.96 W  
 FL 2.38 E  
 FL 6.83 E  
 INDEX NO.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FRANCISCO J. ALONSO, P.E.  
 P.E. LICENSE NUMBER 66918  
 TYLIN INTERNATIONAL  
 201 ALHAMBRA CIR  
 CORAL GABLES, FL 33134  
 CERTIFICATE OF AUTHORIZATION ----



MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

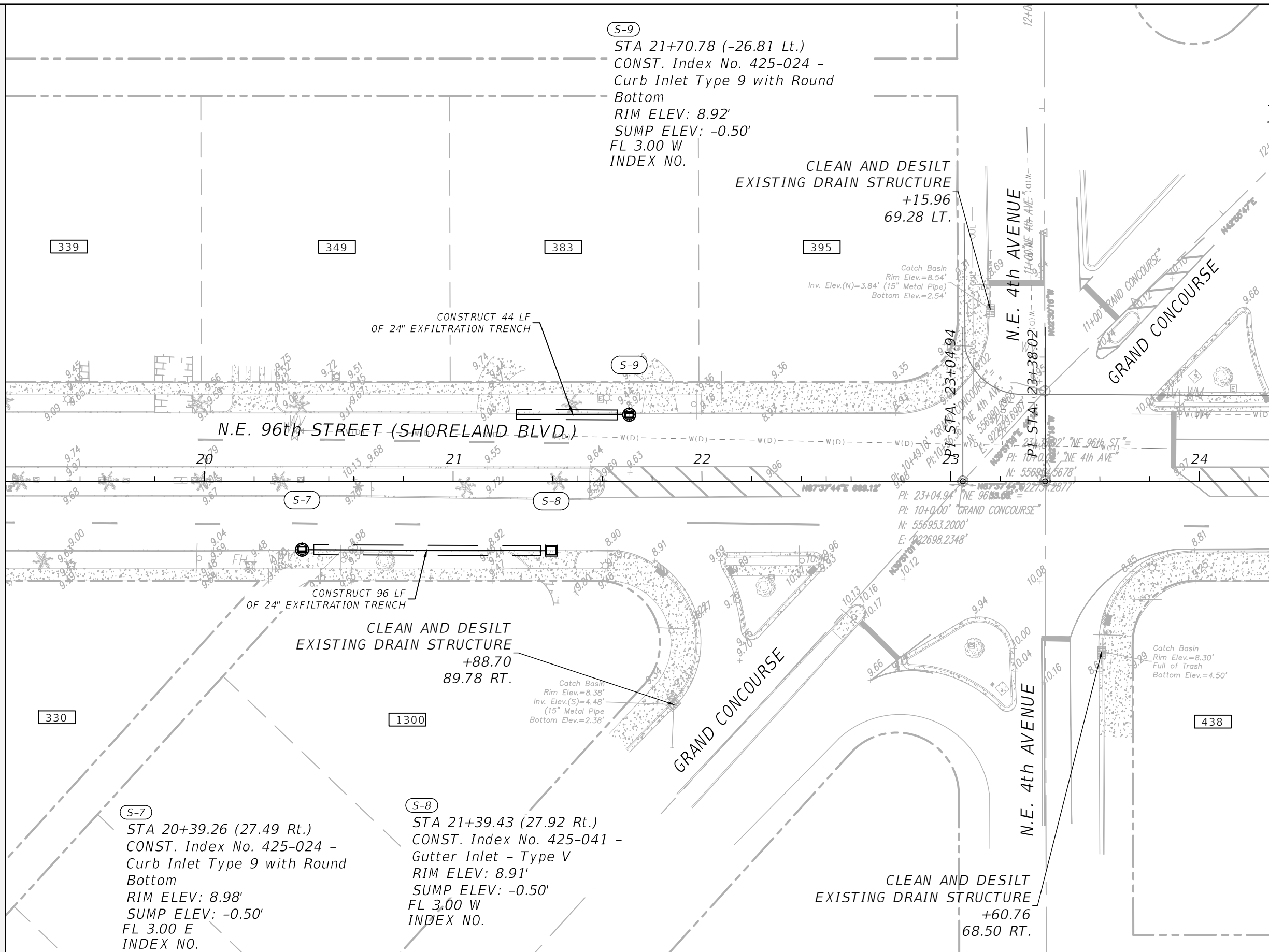
**DRAINAGE & GRADING**

SHEET NO.  
 6

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 19+20.00

MATCHLINE STA. - 24+30.00



REVISIONS	
DATE	DESCRIPTION

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 CORAL GABLES, FL 33134  
 CERTIFICATE OF AUTHORIZATION ----



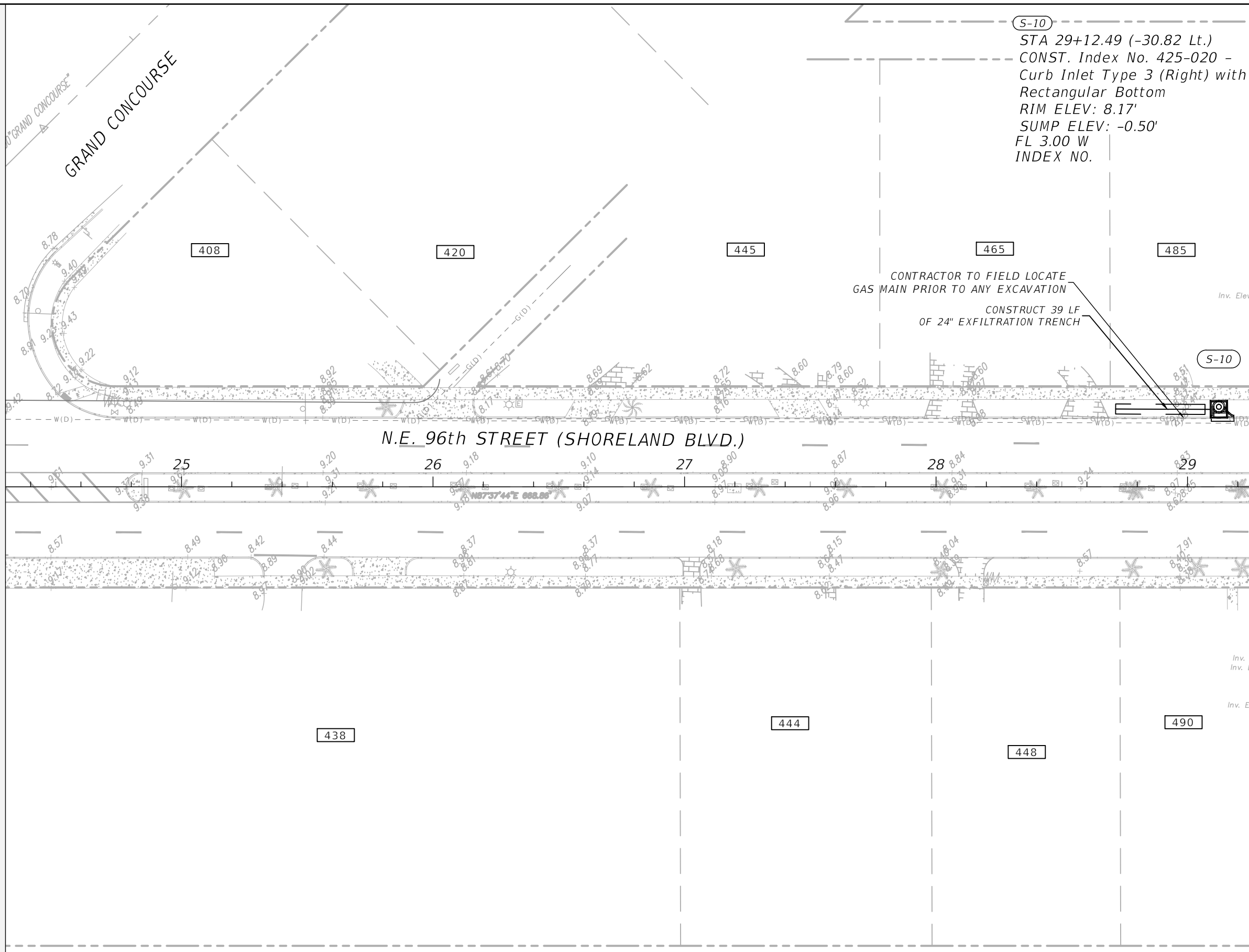
MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

**DRAINAGE & GRADING**

SHEET NO.  
 7

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 24+30.00



MATCHLINE STA. - 29+24.88

S-10  
 STA 29+12.49 (-30.82 Lt.)  
 CONST. Index No. 425-020 -  
 Curb Inlet Type 3 (Right) with  
 Rectangular Bottom  
 RIM ELEV: 8.17'  
 SUMP ELEV: -0.50'  
 FL 3.00 W  
 INDEX NO.



CONTRACTOR TO FIELD LOCATE  
 GAS MAIN PRIOR TO ANY EXCAVATION  
 CONSTRUCT 39 LF  
 OF 24\"/>

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FRANCISCO J. ALONSO, P.E.  
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MIAMI SHORES VILLAGE  
 TYLIN INTERNATIONAL

**DRAINAGE & GRADING**

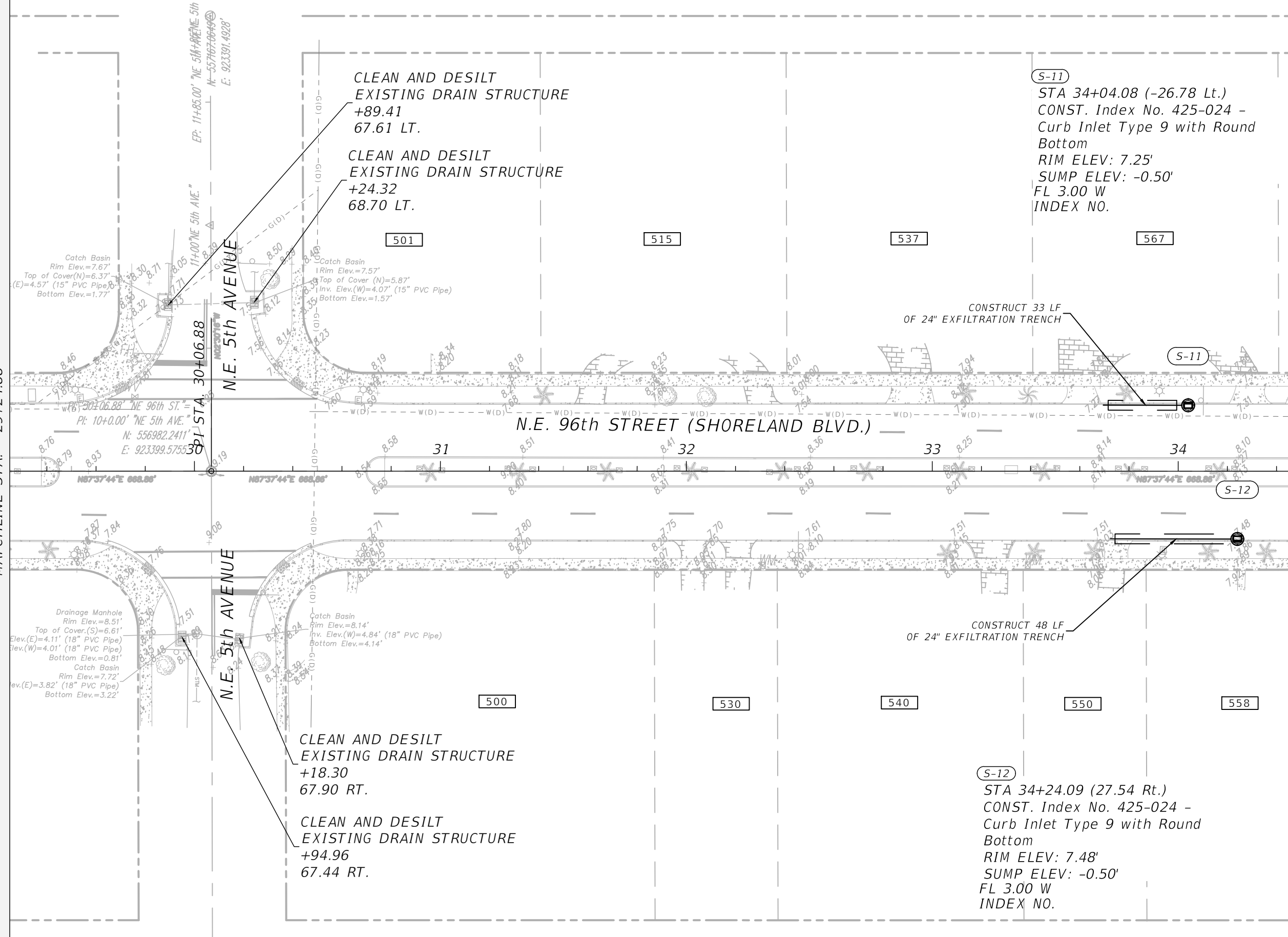
SHEET NO.  
 8

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 29+24.88

MATCHLINE STA. - 34+50.00



CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+89.41  
67.61 LT.

CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+24.32  
68.70 LT.

S-11  
STA 34+04.08 (-26.78 Lt.)  
CONST. Index No. 425-024 -  
Curb Inlet Type 9 with Round  
Bottom  
RIM ELEV: 7.25'  
SUMP ELEV: -0.50'  
FL 3.00 W  
INDEX NO.

CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+18.30  
67.90 RT.

CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+94.96  
67.44 RT.

S-12  
STA 34+24.09 (27.54 Rt.)  
CONST. Index No. 425-024 -  
Curb Inlet Type 9 with Round  
Bottom  
RIM ELEV: 7.48'  
SUMP ELEV: -0.50'  
FL 3.00 W  
INDEX NO.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FRANCISCO J. ALONSO, P.E.  
P.E. LICENSE NUMBER 66918  
TYLIN INTERNATIONAL  
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CERTIFICATE OF AUTHORIZATION ----



MIAMI SHORES VILLAGE

**TYLIN** INTERNATIONAL

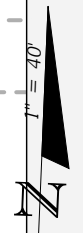
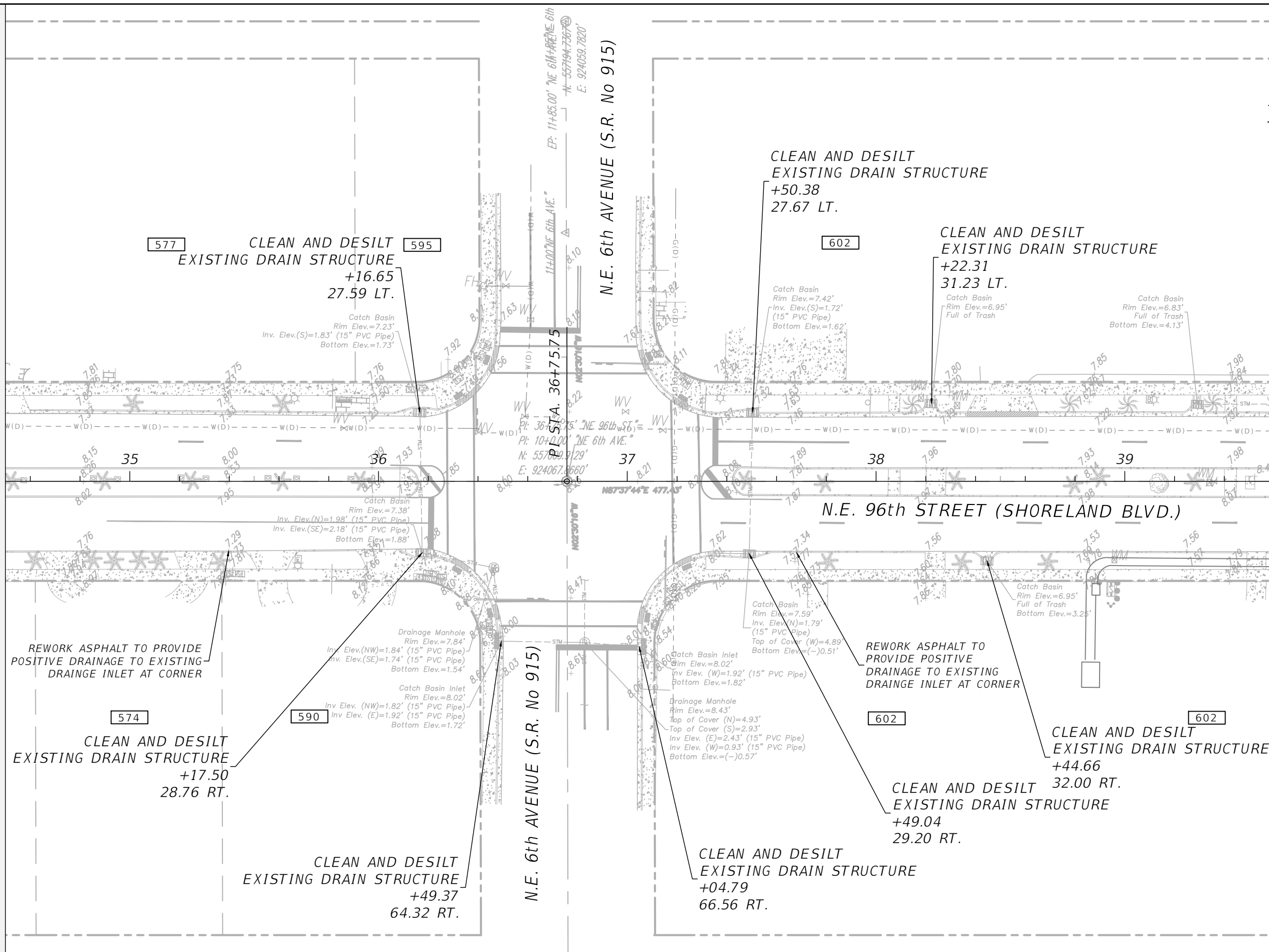
**DRAINAGE & GRADING**

SHEET NO.  
9

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MATCHLINE STA. - 34+50.00

MATCHLINE STA. - 39+60.00



REVISIONS			
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CERTIFICATE OF AUTHORIZATION ----



MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

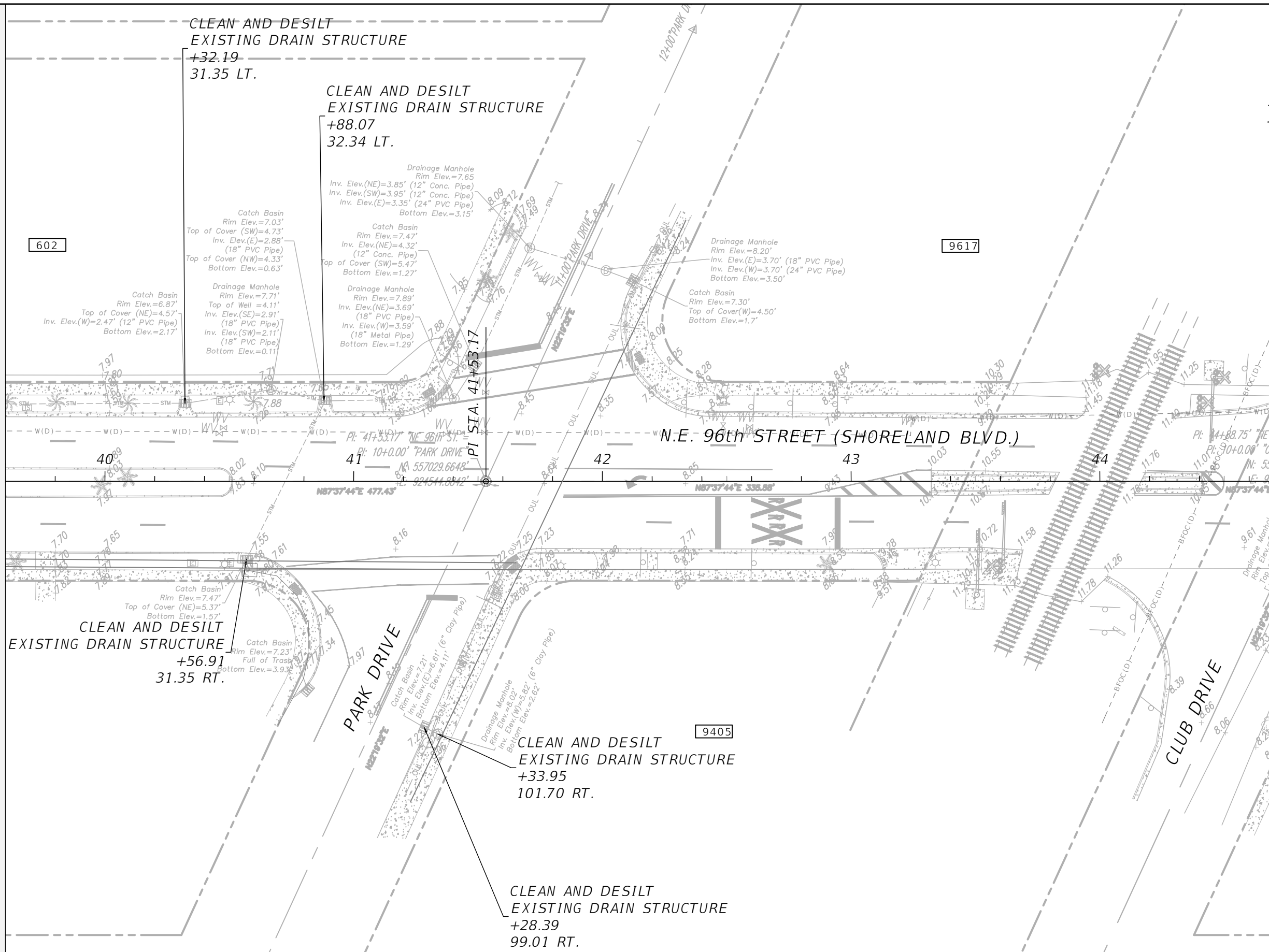
**DRAINAGE & GRADING**

SHEET NO.  
10

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MATCHLINE STA. - 39+60.00

MATCHLINE STA. - 44+70.00



REVISIONS			
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CERTIFICATE OF AUTHORIZATION ----



MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

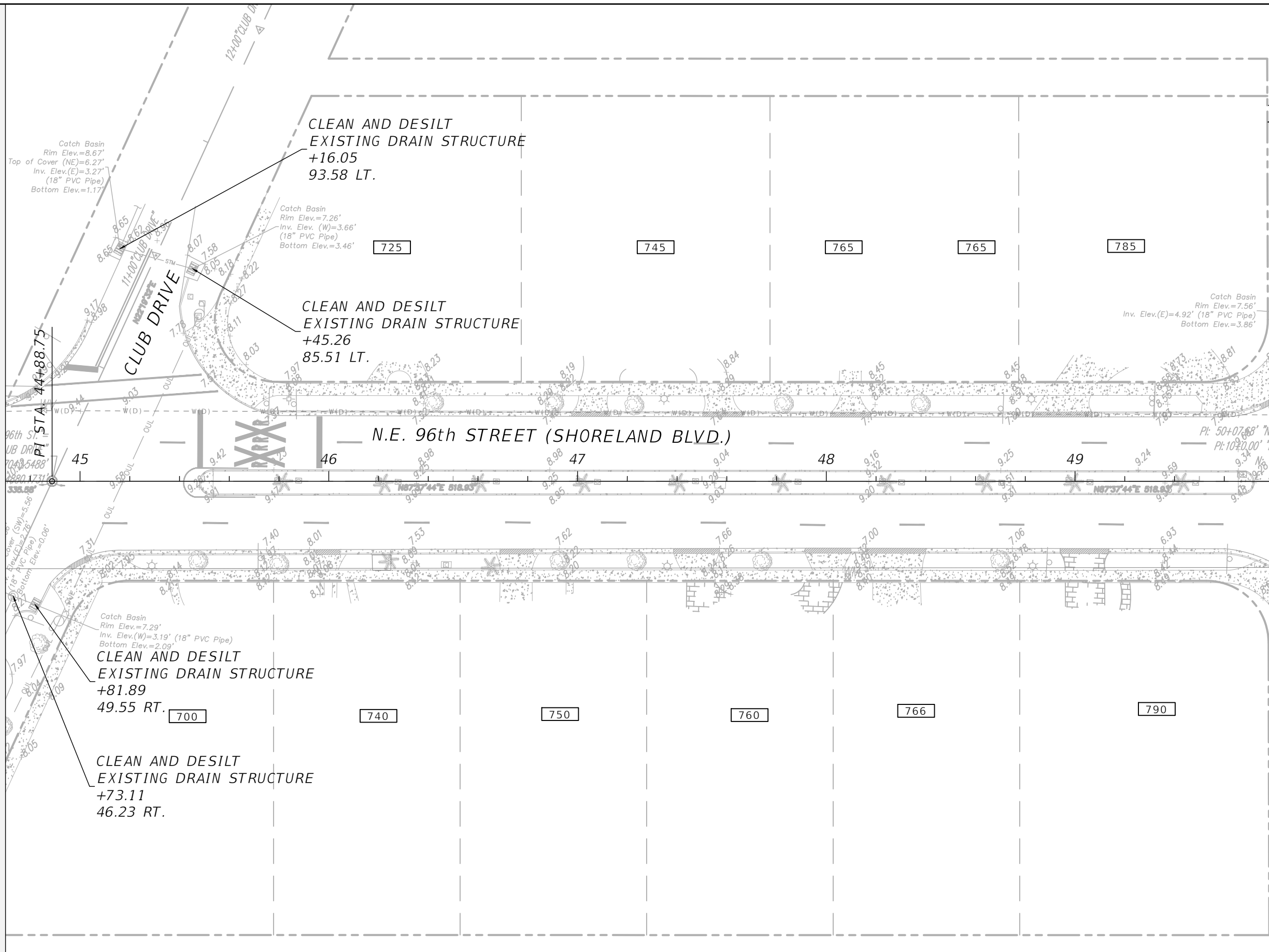
**DRAINAGE & GRADING**

SHEET NO.  
**11**

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCHLINE STA. - 44+70.00

MATCHLINE STA. - 49+80.00



Catch Basin  
Rim Elev.=8.67'  
Top of Cover (NE)=6.27'  
Inv. Elev.(E)=3.27'  
(18" PVC Pipe)  
Bottom Elev.=1.17'

CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+16.05  
93.58 LT.

Catch Basin  
Rim Elev.=7.26'  
Inv. Elev. (W)=3.66'  
(18" PVC Pipe)  
Bottom Elev.=3.46'

CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+45.26  
85.51 LT.

Catch Basin  
Rim Elev.=7.56'  
Inv. Elev.(E)=4.92' (18" PVC Pipe)  
Bottom Elev.=3.86'

Catch Basin  
Rim Elev.=7.29'  
Inv. Elev.(W)=3.19' (18" PVC Pipe)  
Bottom Elev.=2.09'

CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+81.89  
49.55 RT.

CLEAN AND DESILT  
EXISTING DRAIN STRUCTURE  
+73.11  
46.23 RT.

N.E. 96th STREET (SHORELAND BLVD.)

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FRANCISCO J. ALONSO, P.E.  
P.E. LICENSE NUMBER 66918  
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CERTIFICATE OF AUTHORIZATION ----



MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

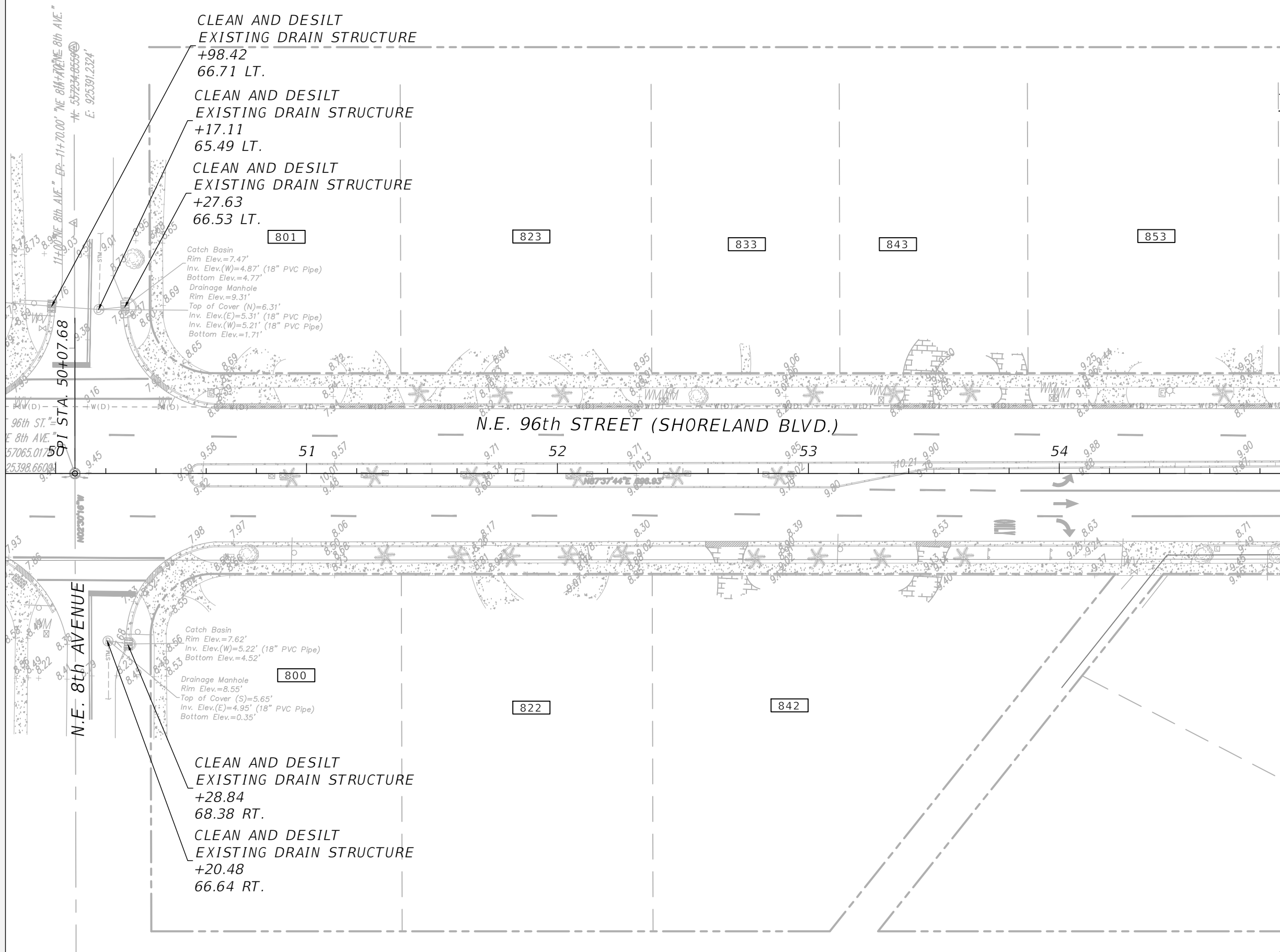
**DRAINAGE & GRADING**

SHEET NO.  
12

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



MATCHLINE STA. - 49+80.00



MATCHLINE STA. - 54+90.00



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CERTIFICATE OF AUTHORIZATION ----



MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

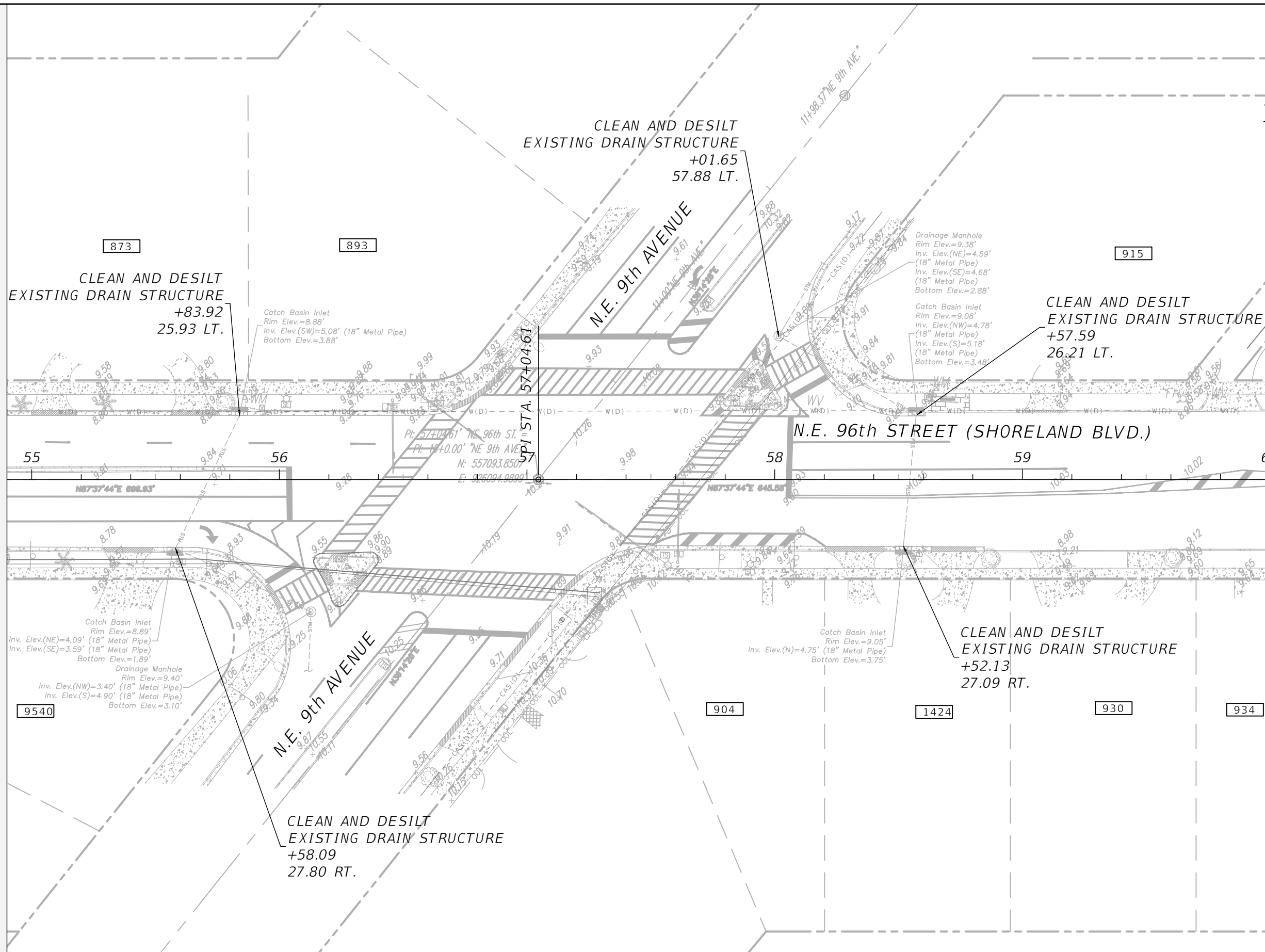
**DRAINAGE & GRADING**

SHEET NO.  
13

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MATCHLINE STA. - 54+90.00

MATCHLINE STA. - 60+00.00



REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION
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MIAMI SHORES VILLAGE

**TYLIN**INTERNATIONAL

*DRAINAGE & GRADING*

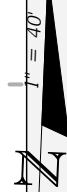
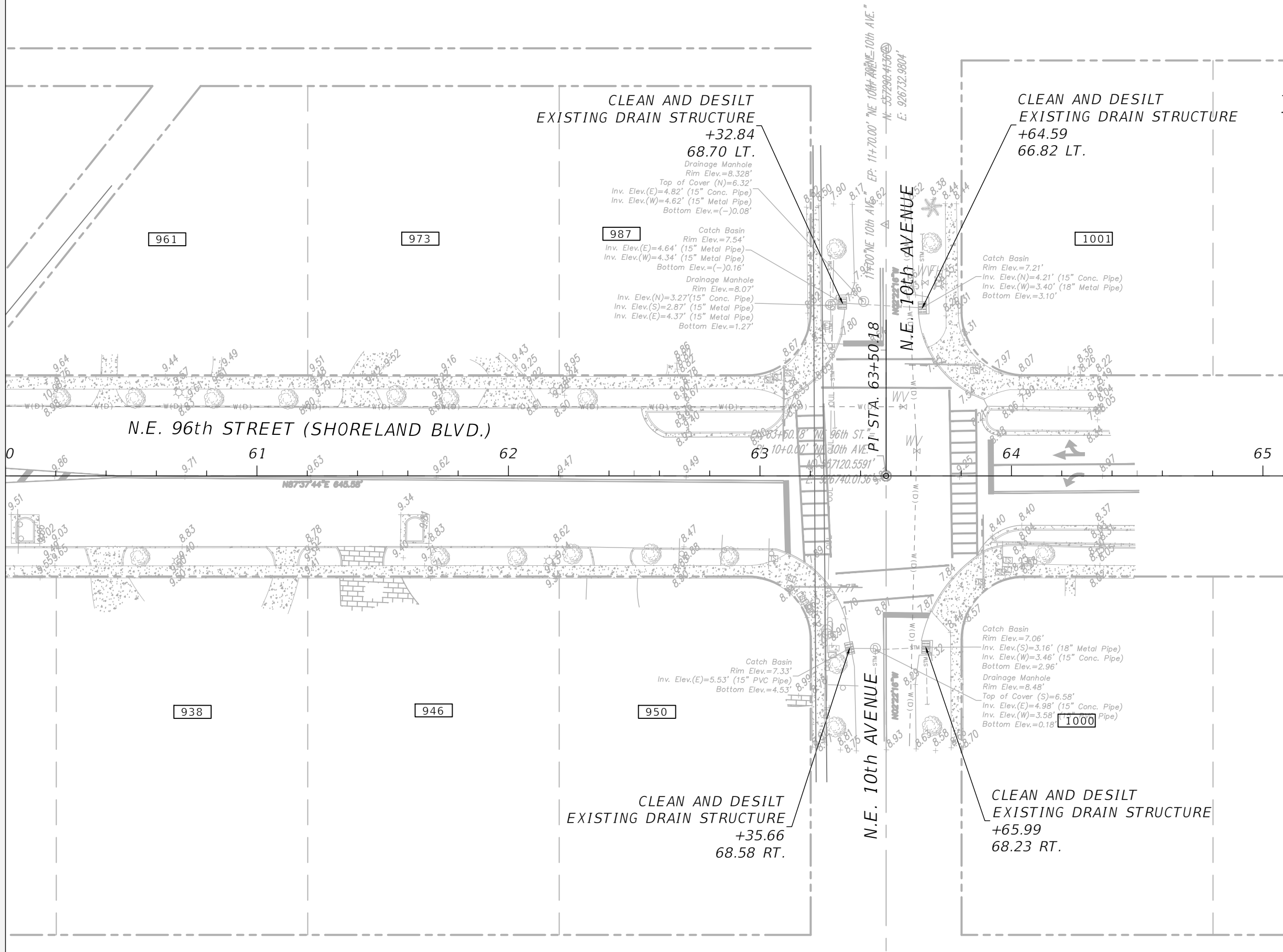
SHEET NO.

14

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MATCHLINE STA. - 60+00.00

MATCHLINE STA. - 65+10.00



N.E. 96th STREET (SHORELAND BLVD.)

N.E. 10th AVENUE

N.E. 10th AVENUE

61 62 63 64 65

961

973

987

1001

938

946

950

1000

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
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 CERTIFICATE OF AUTHORIZATION ----

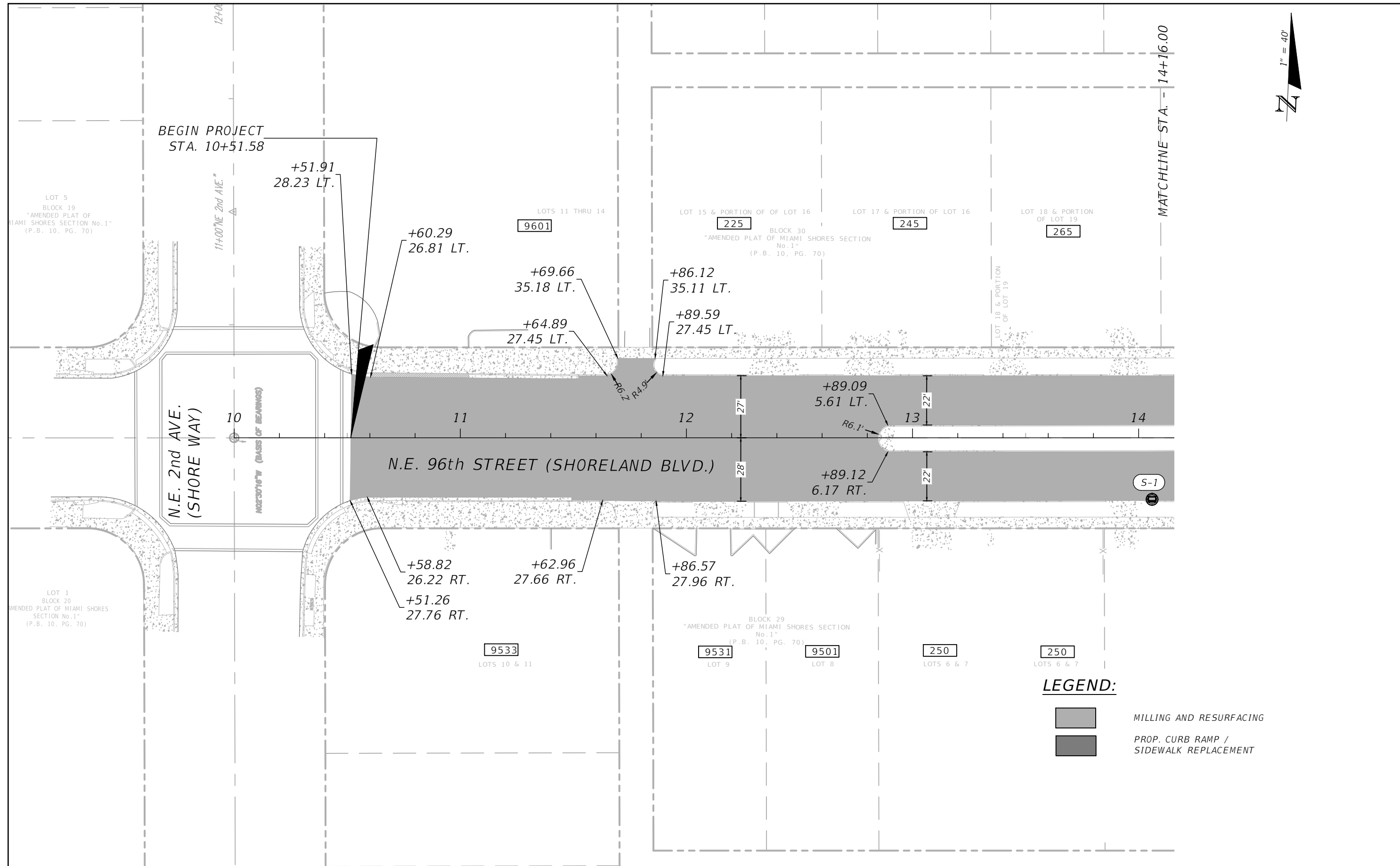


MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

**DRAINAGE & GRADING**

SHEET NO.  
 15

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 P.E. LICENSE NUMBER 66918  
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 CORAL GABLES, FLORIDA 33134  
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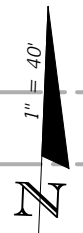
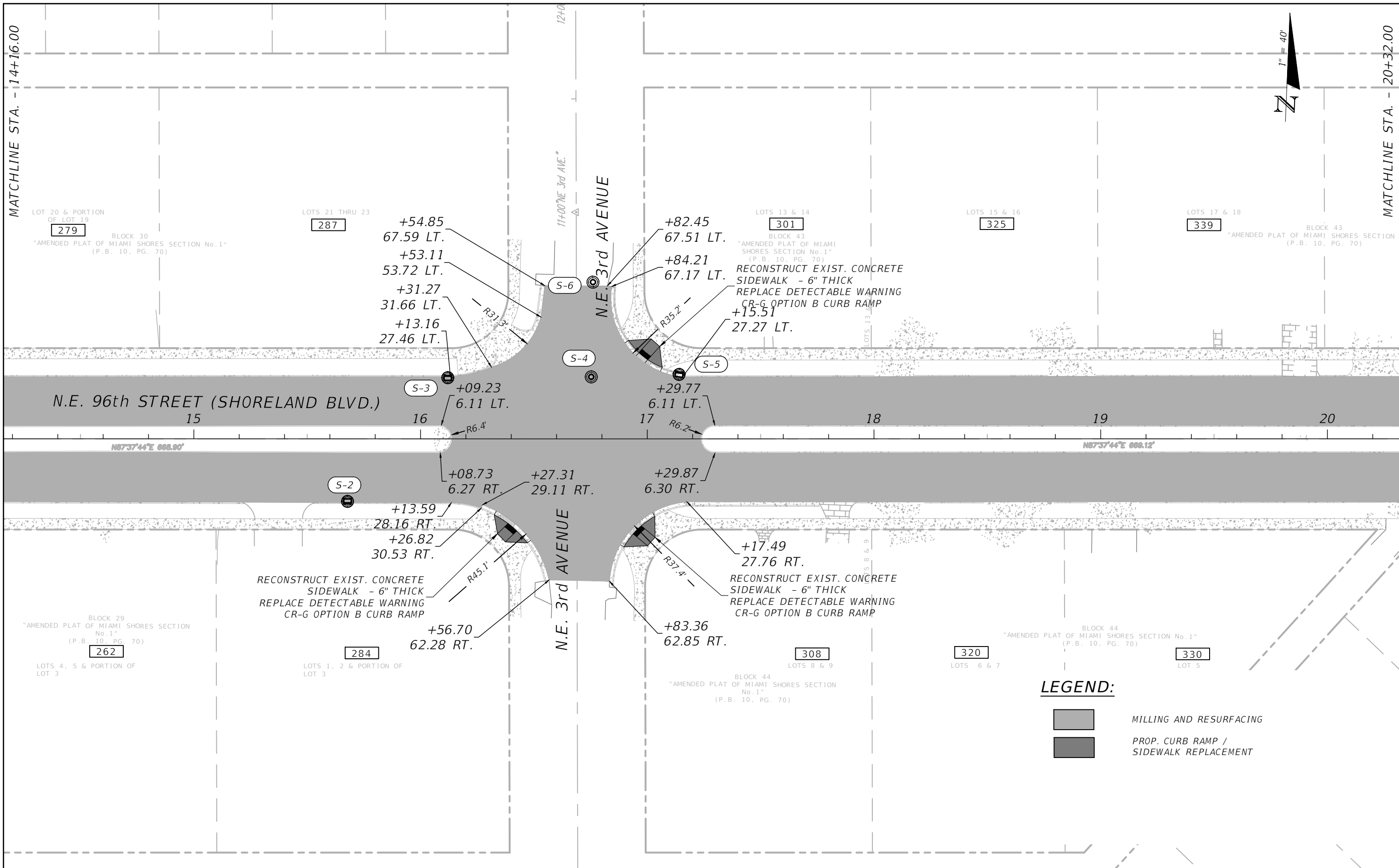
MIAMI SHORES VILLAGE

**TYLIN** INTERNATIONAL

ROADWAY PLANS

SHEET NO.  
16

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**LEGEND:**

- MILLING AND RESURFACING
- PROP. CURB RAMP / SIDEWALK REPLACEMENT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FRANCISCO J. ALONSO, P.E.  
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 201 ALHAMBRA CIR.  
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**MIAMI SHORES VILLAGE**

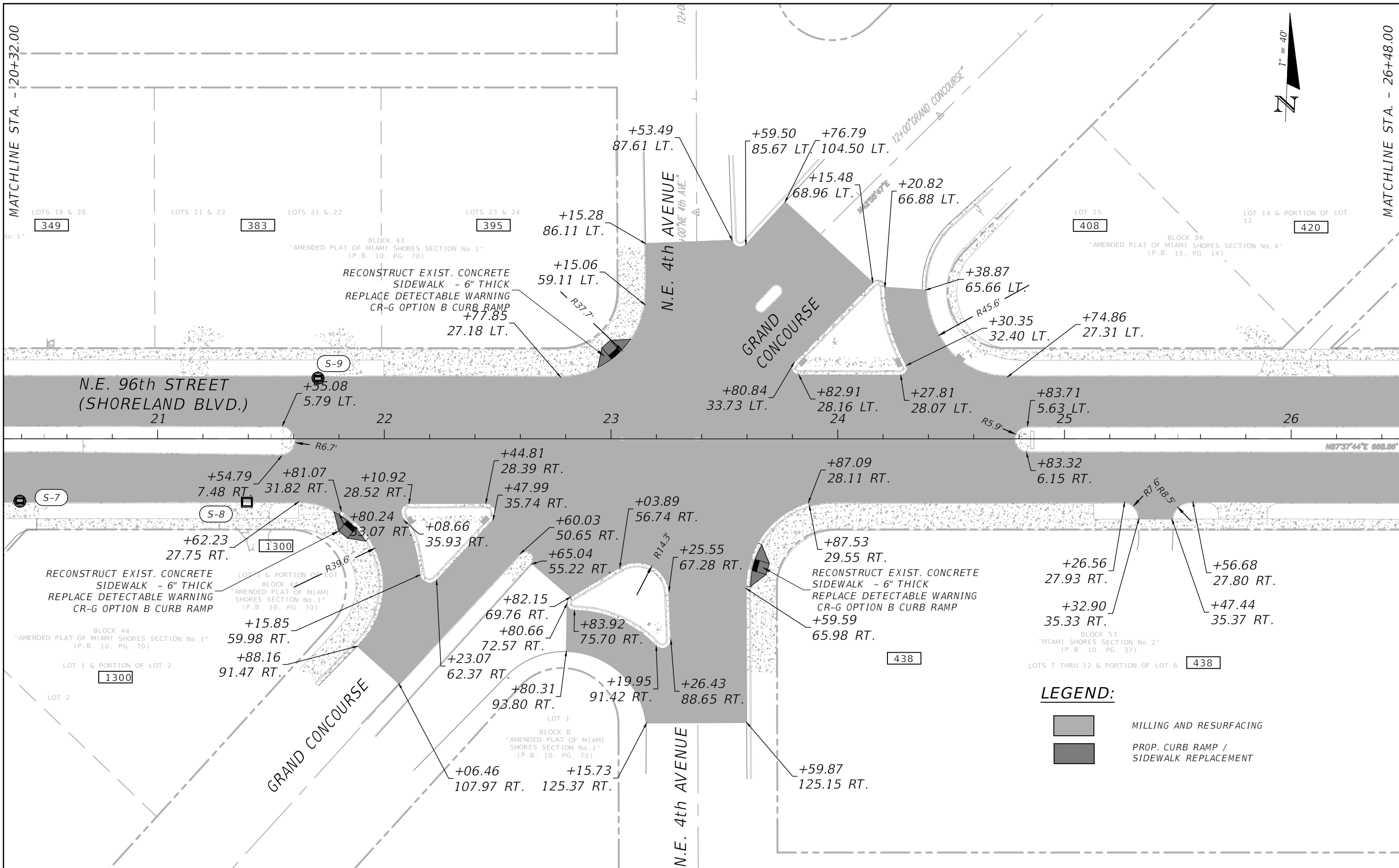
COUNTY

**TYLIN INTERNATIONAL**

**ROADWAY PLANS**

SHEET NO.  
**17**

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

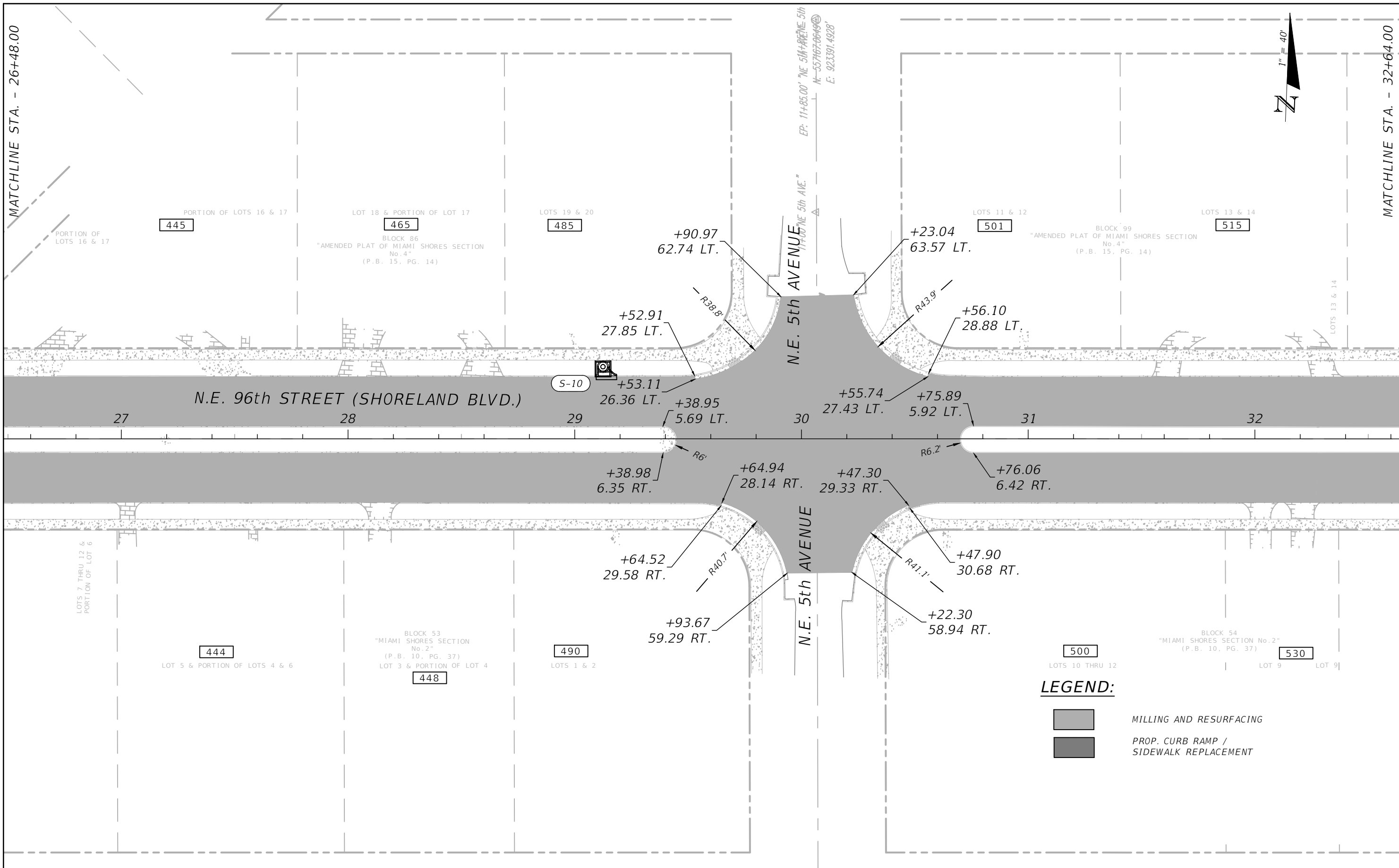
FRANCISCO J. ALONSO, P.E.  
 P.E. LICENSE NUMBER 66918  
 TYLIN INTERNATIONAL  
 201 ALHAMBRA CIR.  
 CORAL GABLES, FLORIDA 33134  
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MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

**ROADWAY PLANS**

SHEET NO.  
 18



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 TYLIN INTERNATIONAL  
 201 ALHAMBRA CIR.  
 CORAL GABLES, FLORIDA 33134  
 CERTIFICATE OF AUTHORIZATION 00000000

MIAMI SHORES VILLAGE

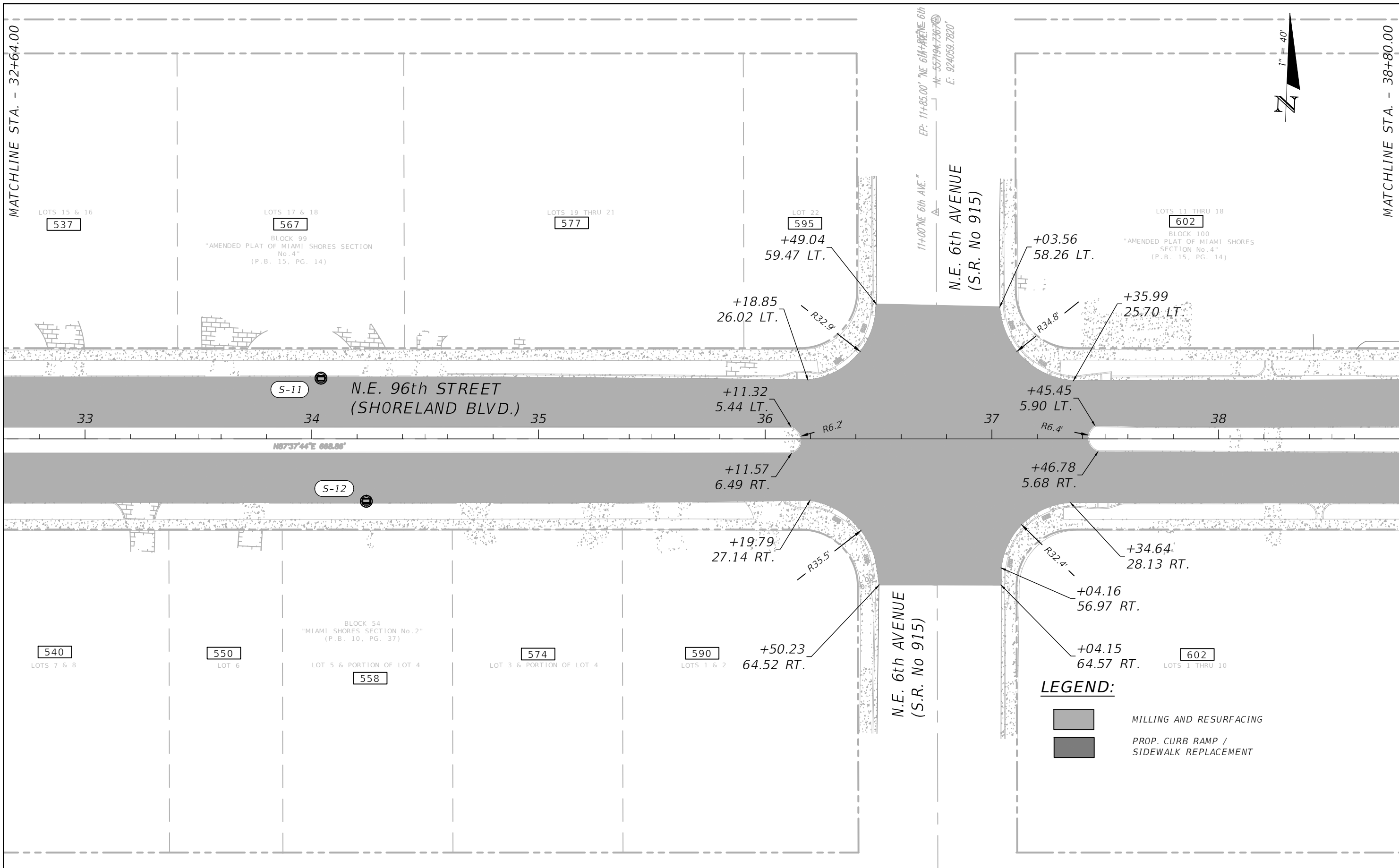
**TYLIN** INTERNATIONAL

Michelle Arana 2/12/2021 8:26:14 AM

ROADWAY PLANS

SHEET NO.  
19

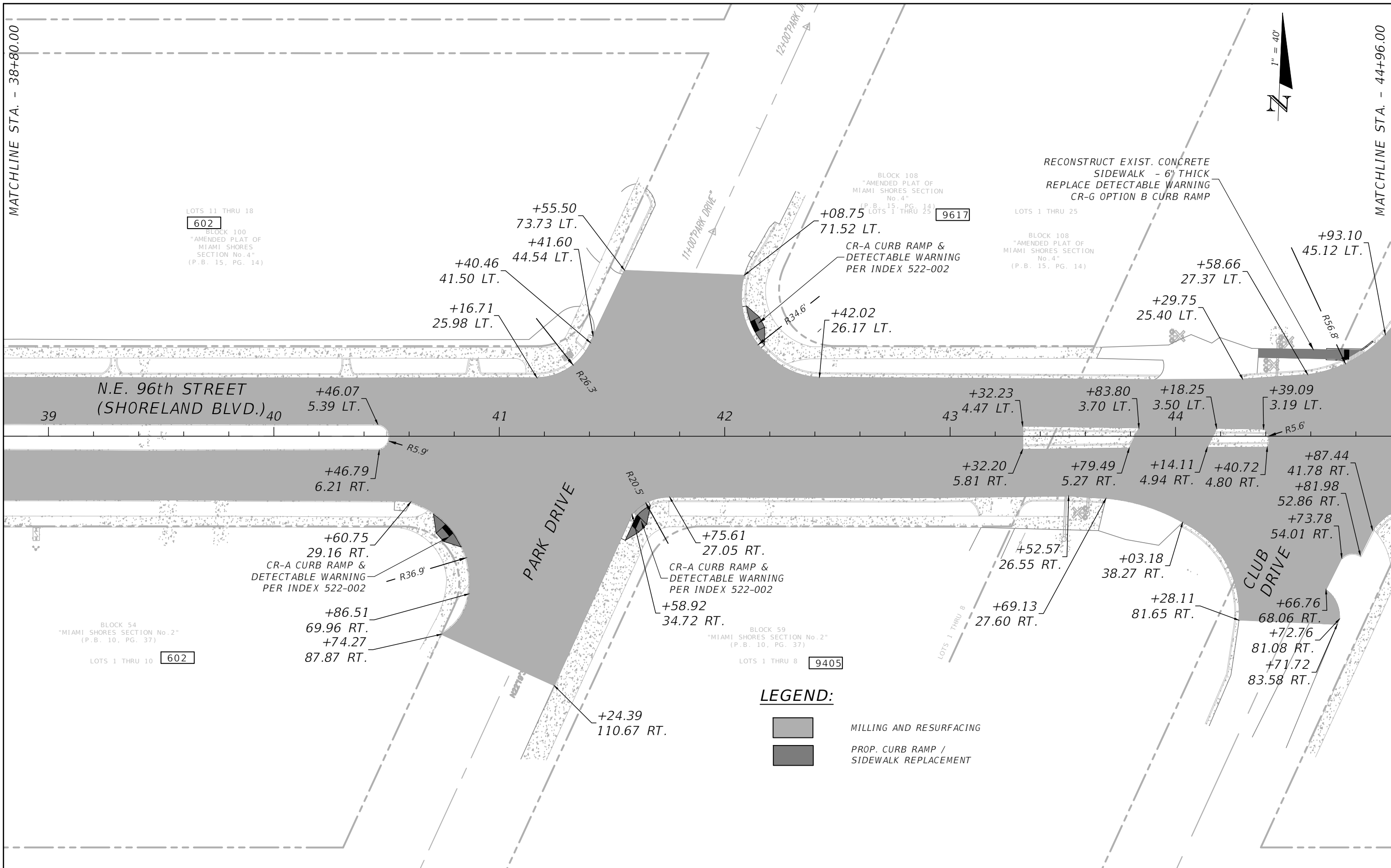
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THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

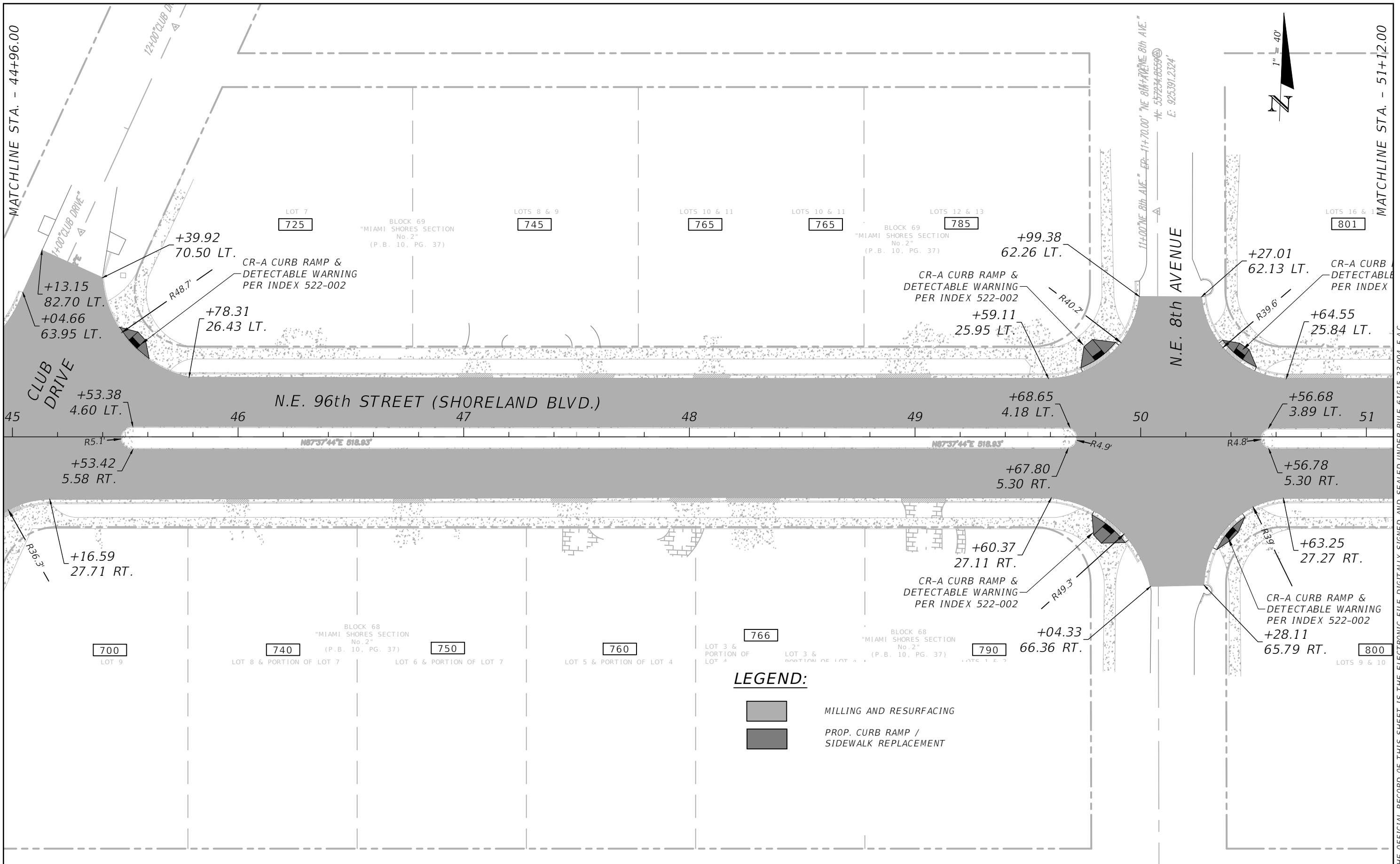
REVISIONS				FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 TYLIN INTERNATIONAL 201 ALHAMBRA CIR. CORAL GABLES, FLORIDA 33134 CERTIFICATE OF AUTHORIZATION 00000000	 <b>TYLIN</b> INTERNATIONAL	MIAMI SHORES VILLAGE		<b>ROADWAY PLANS</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION						20





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DATE	DESCRIPTION	DATE	DESCRIPTION					



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FRANCISCO J. ALONSO, P.E.  
 P.E. LICENSE NUMBER 66918  
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 CORAL GABLES, FLORIDA 33134  
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MIAMI SHORES VILLAGE

Michelle Arana 2/11/2021 12:03:21 AM

ROADWAY PLANS

SHEET NO.  
22

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MATCHLINE STA. - 51+12.00

MATCHLINE STA. - 57+28.00



RAMP & WARNING 522-002

LOTS 18 & 19  
BLOCK 74  
"MIAMI SHORES SECTION No. 2"  
(P.B. 10, PG. 37)  
**823**

LOT 20 & PORTION OF LOT 21  
**833**

LOT 22 & PORTION OF LOT 21  
**843**

LOT 22 & PORTION OF LOT 21  
**853**

LOTS 23 & 24  
BLOCK 74  
"MIAMI SHORES SECTION No. 2"  
(P.B. 10, PG. 37)  
**873**

LOTS 25 & 26  
**893**

LOTS 3 & 4  
**893**

N.E. 96th STREET (SHORELAND BLVD.)

52 53 54 55 56 57

N87°37'44"E 686.93'

+10.41  
5.67 RT.

+47.46  
1.69 LT.

+68.85  
25.85 LT.

+68.69  
5.27 LT.

+68.70  
3.28 LT.

+65.68  
27.49 RT.

+67.72  
27.57 RT.

BLOCK 75  
"MIAMI SHORES SECTION No. 2"  
(P.B. 10, PG. 37)  
**822**  
LOTS 7 & 8



**842**  
LOTS 5 & 6

BLOCK 75  
"MIAMI SHORES SECTION No. 2"  
(P.B. 10, PG. 37)

BLOCK 75  
"MIAMI SHORES SECTION No. 2"  
(P.B. 10, PG. 37)

**9540**  
PORTION OF LOT 1

**LEGEND:**

-  MILLING AND RESURFACING
-  PROP. CURB RAMP / SIDEWALK REPLACEMENT

N.E. 9th AVENUE

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FRANCISCO J. ALONSO, P.E.  
P.E. LICENSE NUMBER 66918  
TYLIN INTERNATIONAL  
201 ALHAMBRA CIR.  
CORAL GABLES, FLORIDA 33134  
CERTIFICATE OF AUTHORIZATION 00000000



MIAMI SHORES VILLAGE

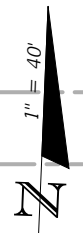
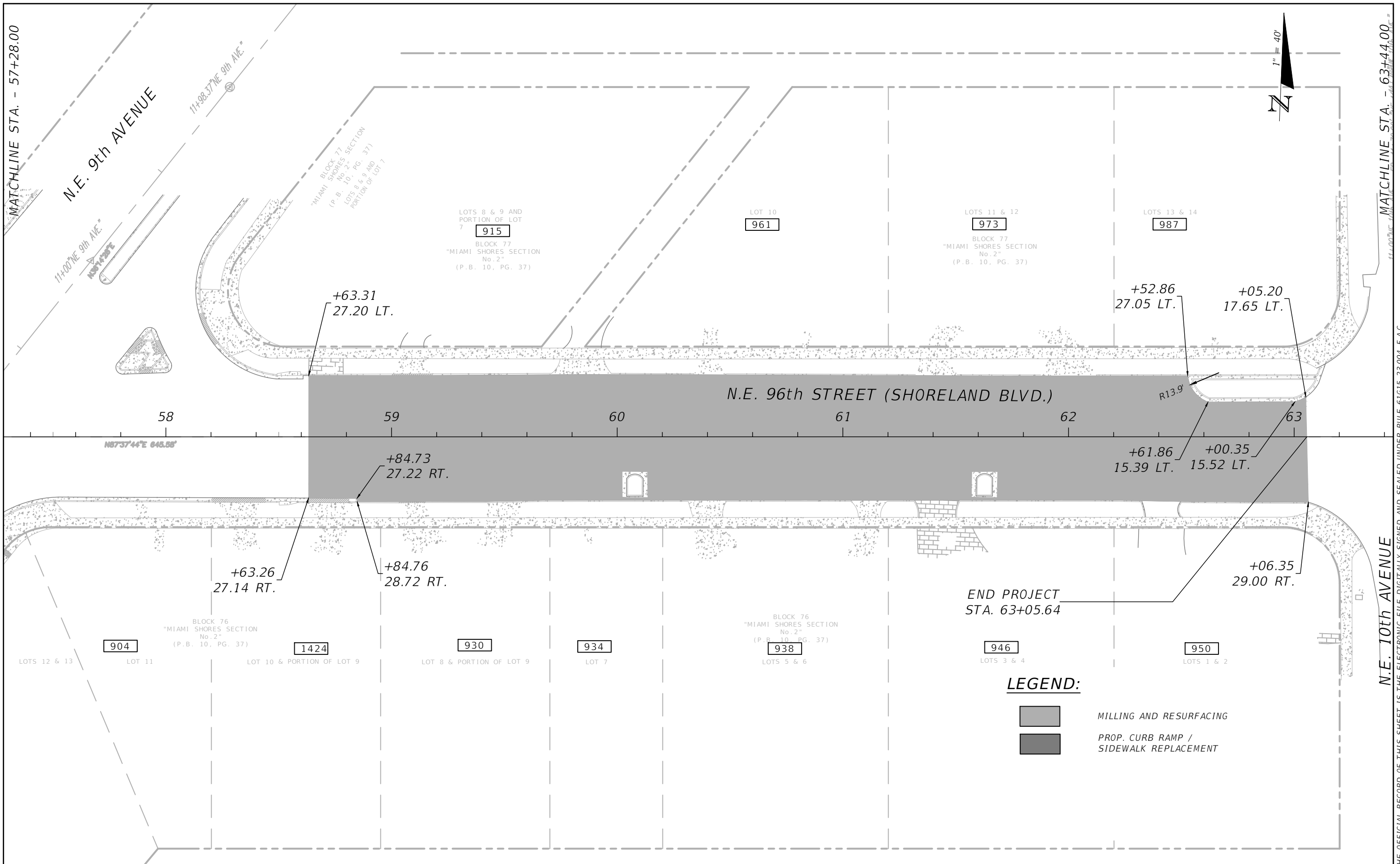
**TYLIN**INTERNATIONAL

ROADWAY PLANS

SHEET NO.

23

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**LEGEND:**

- MILLING AND RESURFACING
- PROP. CURB RAMP / SIDEWALK REPLACEMENT

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

FRANCISCO J. ALONSO, P.E.  
 P.E. LICENSE NUMBER 66918  
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 201 ALHAMBRA CIR.  
 CORAL GABLES, FLORIDA 33134  
 CERTIFICATE OF AUTHORIZATION 00000000

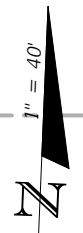
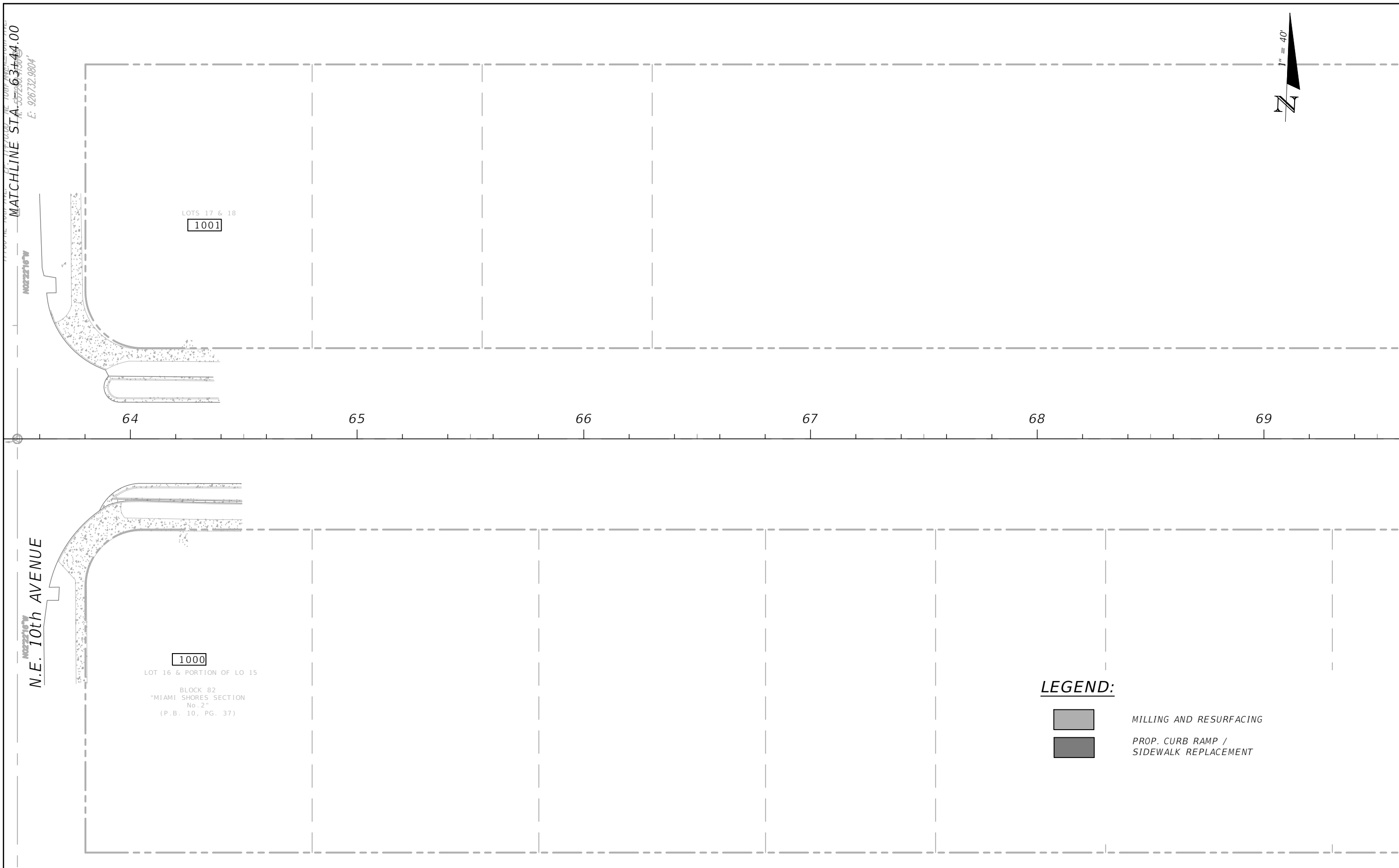
MIAMI SHORES VILLAGE

**TYLIN** INTERNATIONAL



ROADWAY PLANS


SHEET NO.  
24

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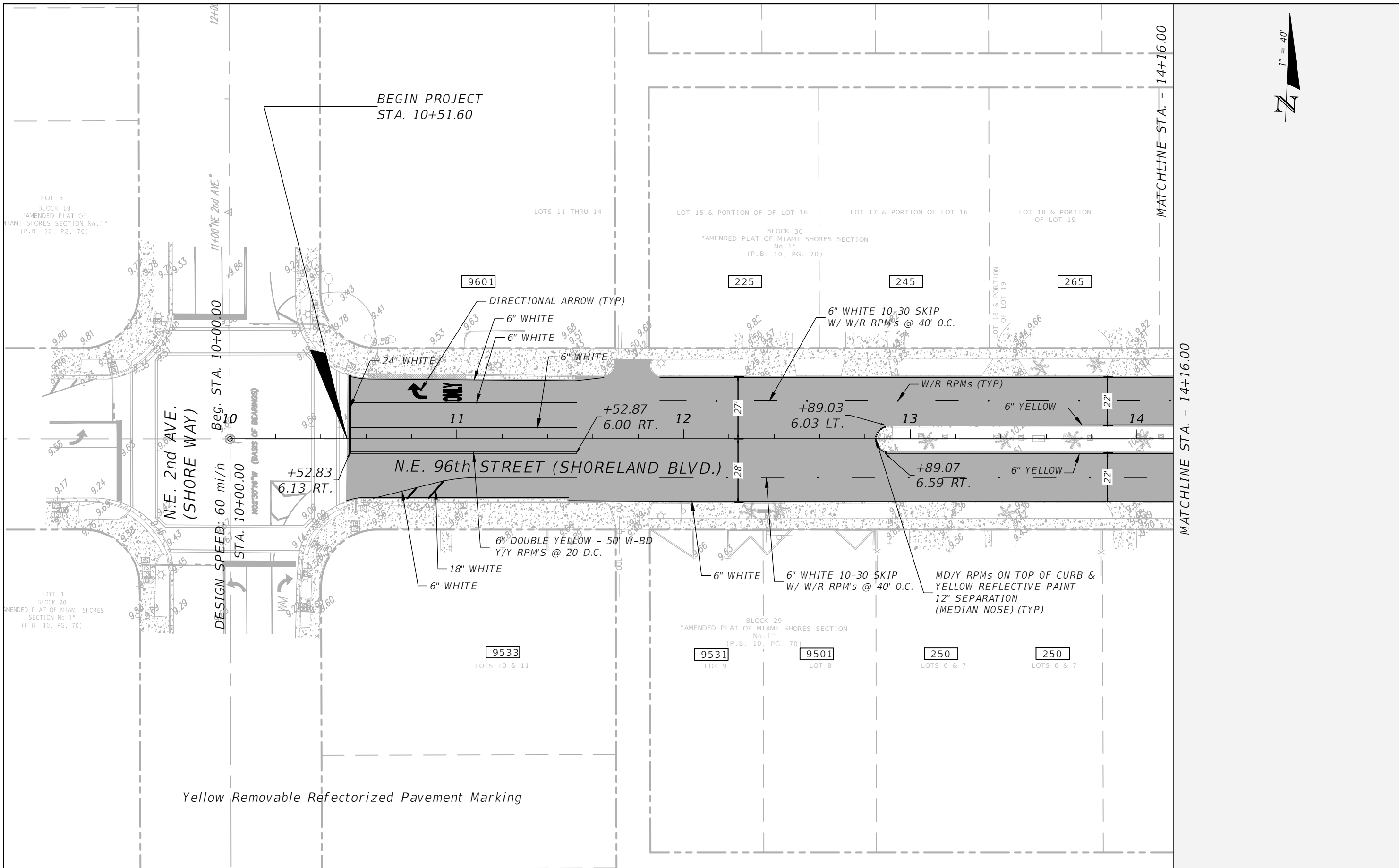


**LEGEND:**

-  MILLING AND RESURFACING
-  PROP. CURB RAMP / SIDEWALK REPLACEMENT

REVISIONS				FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 TYLIN INTERNATIONAL 201 ALHAMBRA CIR. CORAL GABLES, FLORIDA 33134 CERTIFICATE OF AUTHORIZATION 00000000	 MIAMI SHORES VILLAGE	ROADWAY PLANS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				25

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Yellow Removable Refectorized Pavement Marking

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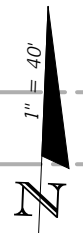
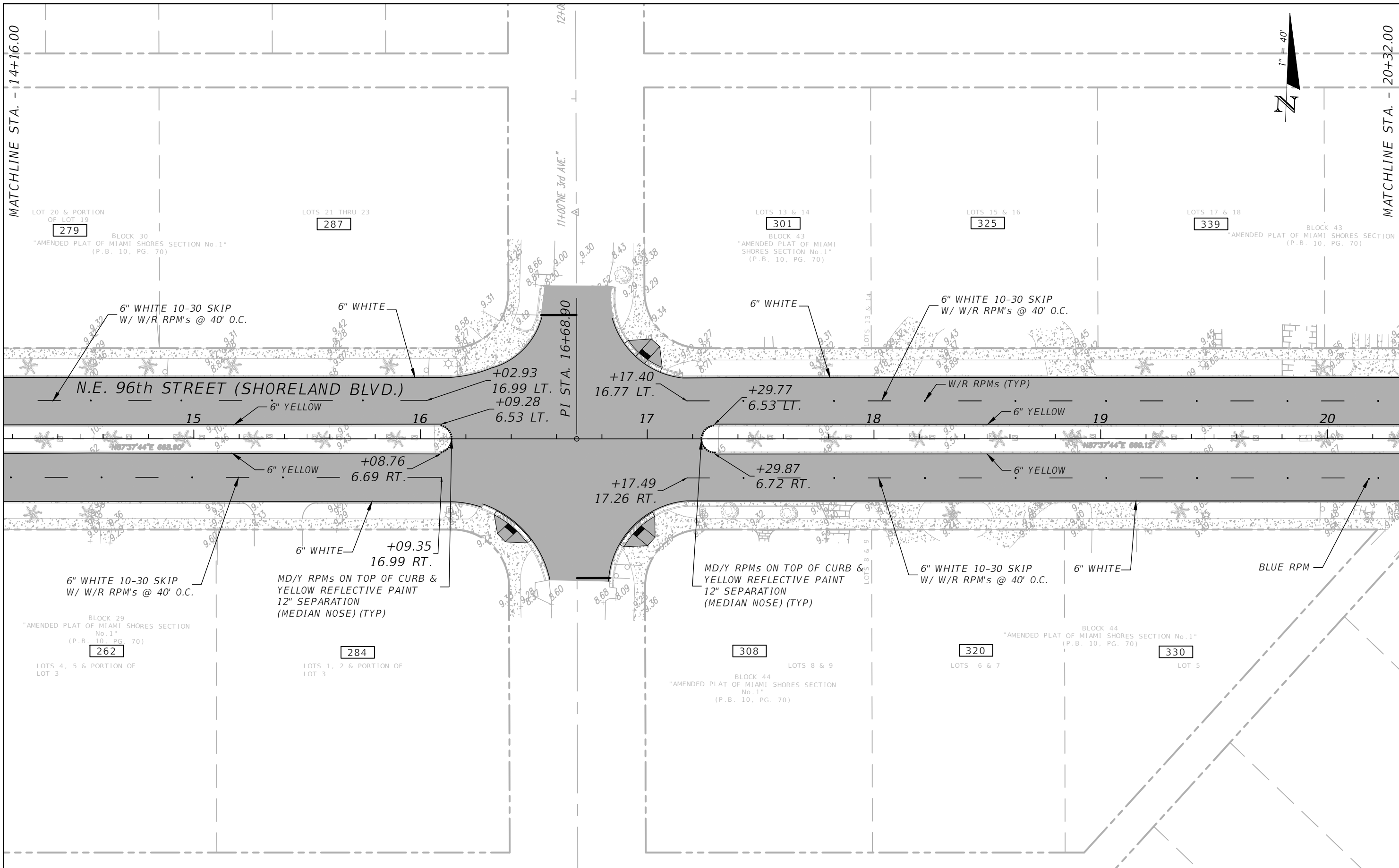
MIAMI SHORES VILLAGE

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SHEET NO.  
26

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MATCHLINE STA. - 14+16.00

MATCHLINE STA. - 20+32.00

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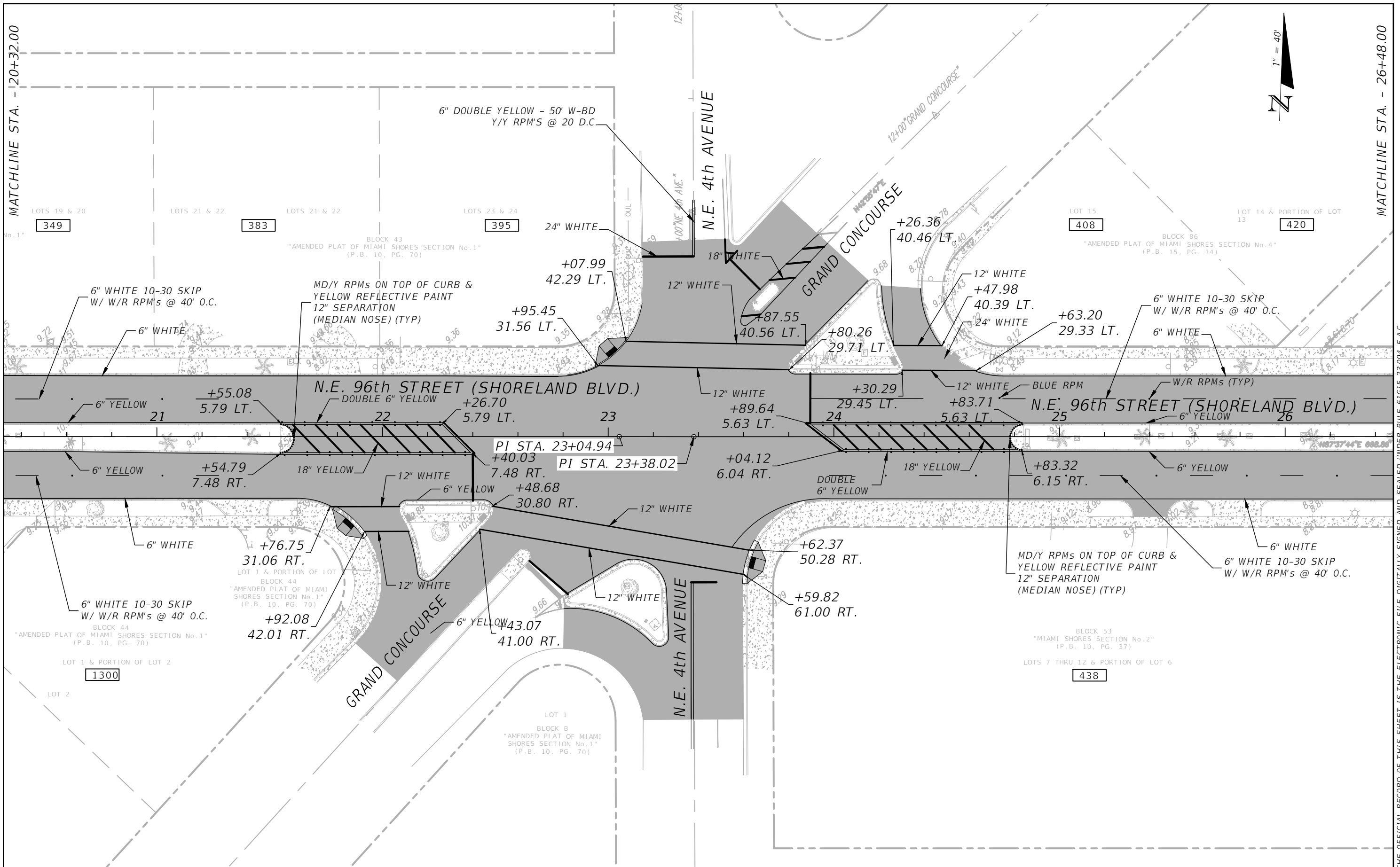


MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

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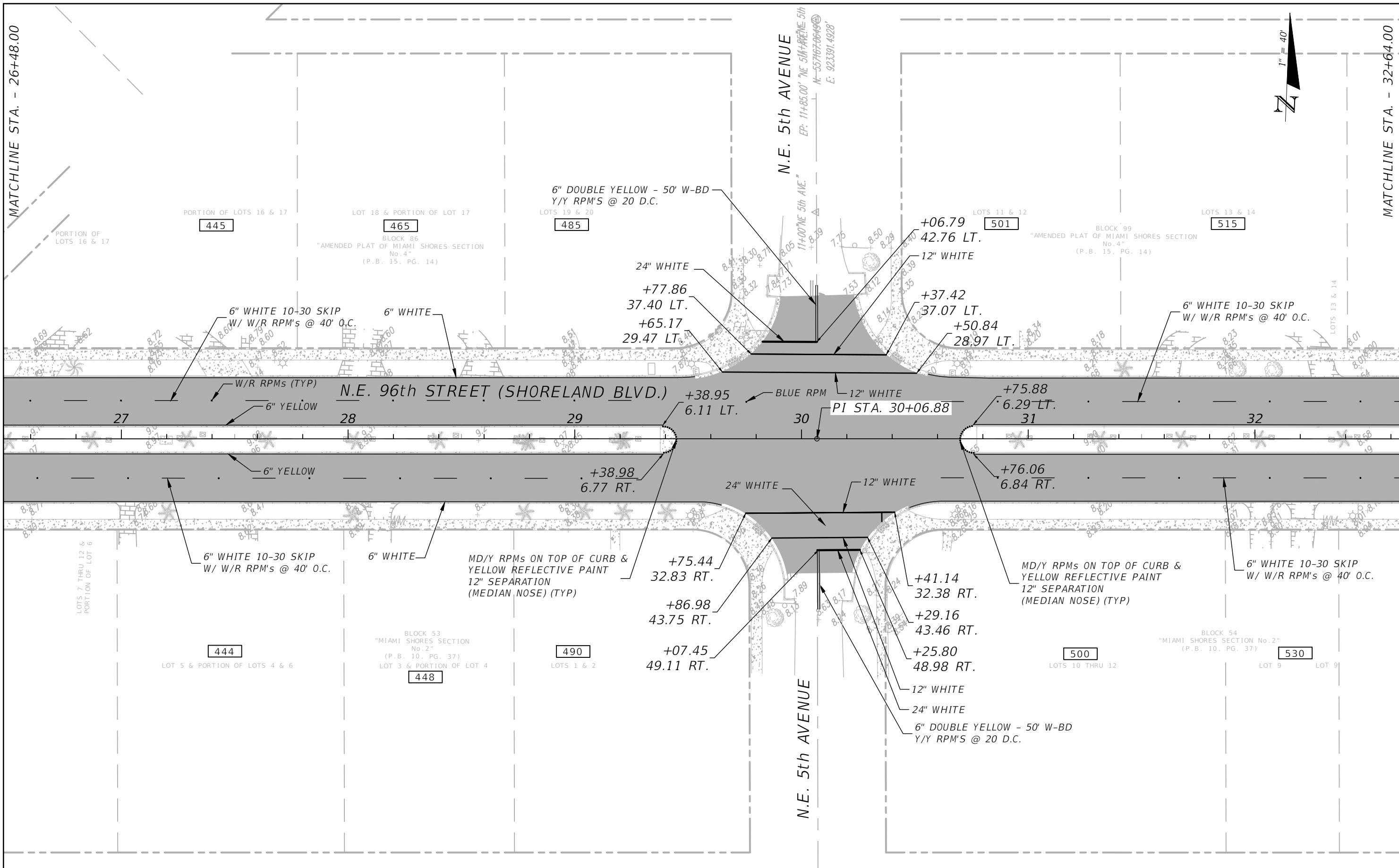
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SHEET NO.  
28





REVISIONS			
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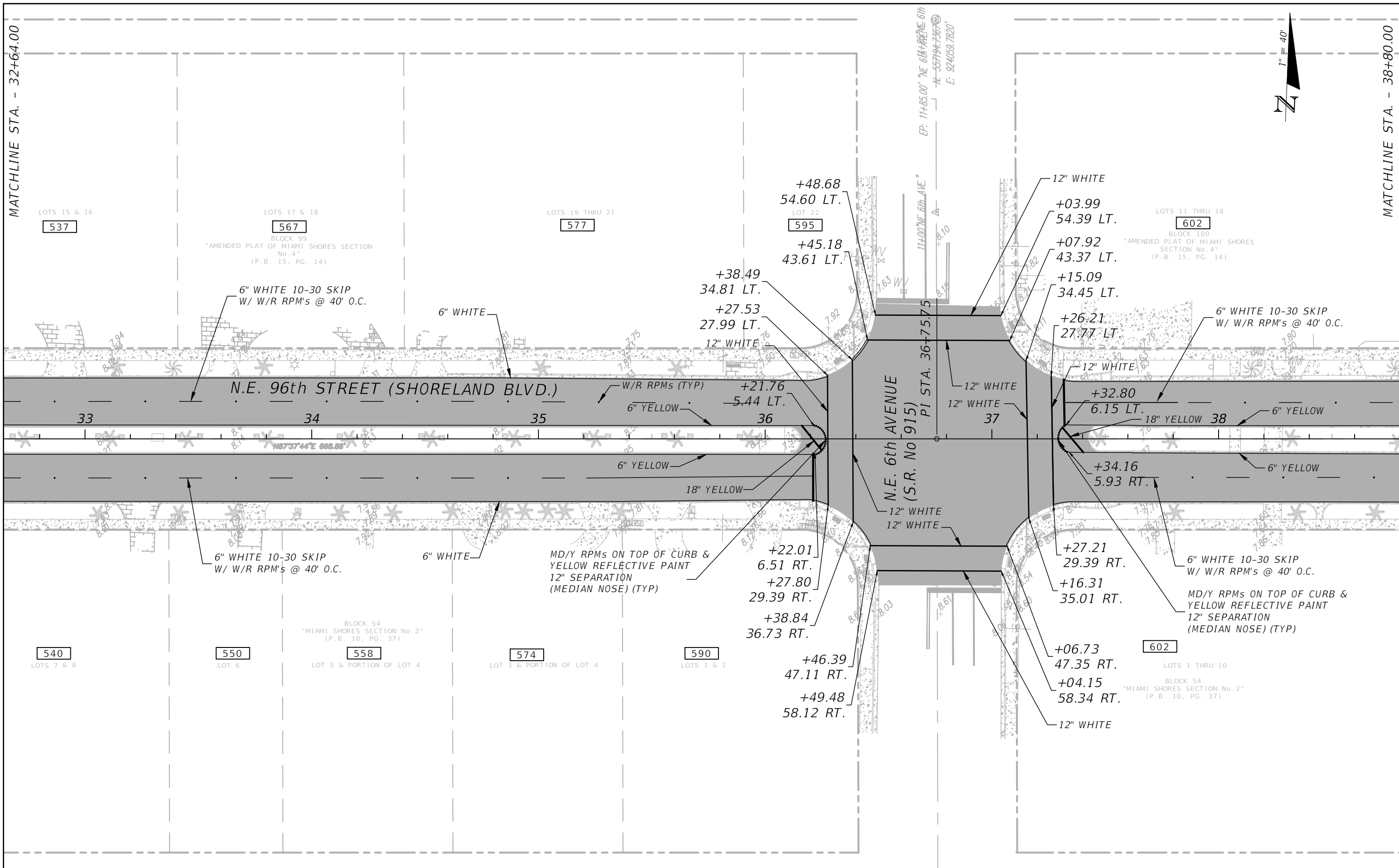
MIAMI SHORES VILLAGE

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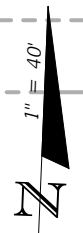
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MATCHLINE STA. - 32+64.00

MATCHLINE STA. - 38+80.00



REVISIONS			
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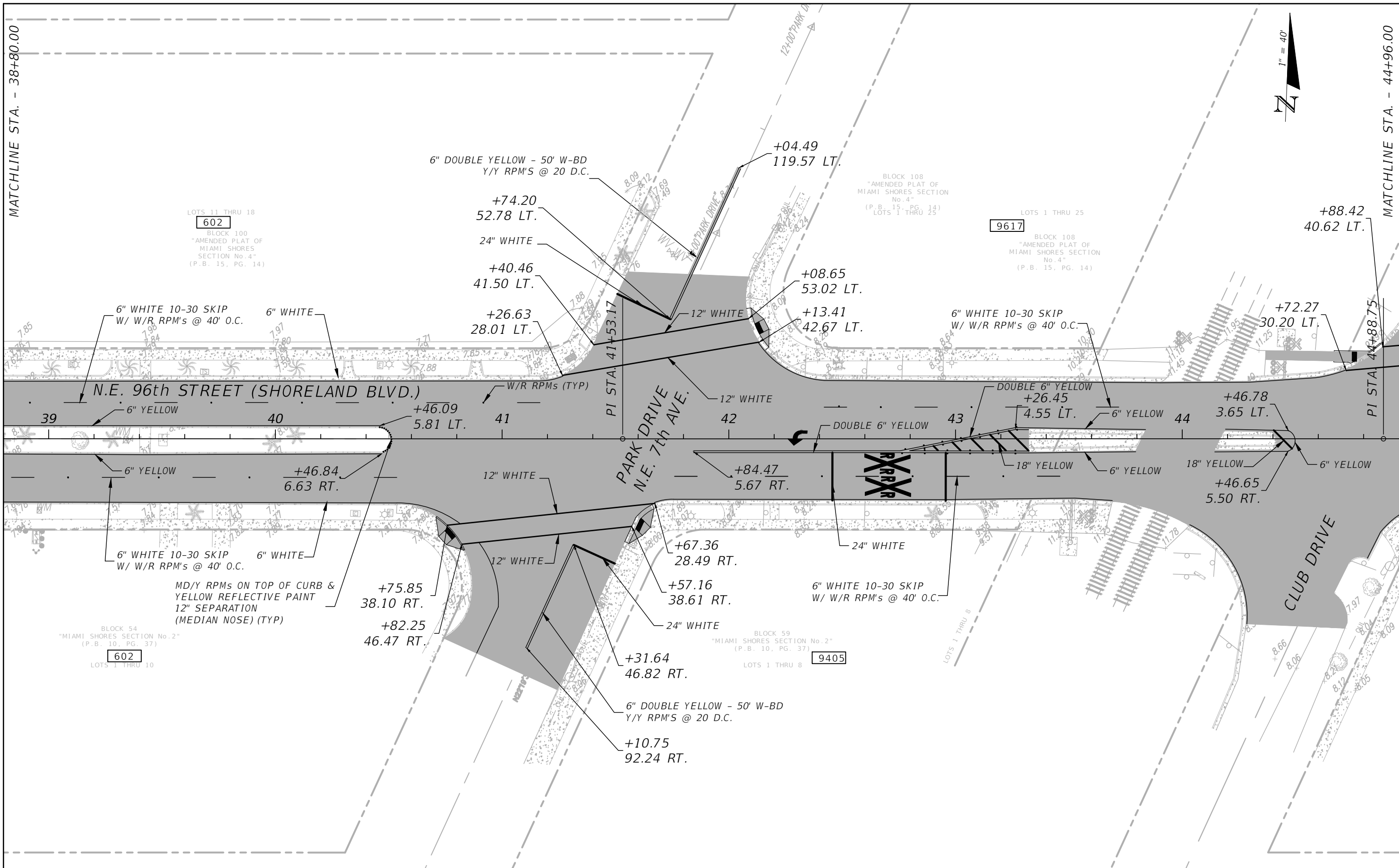


MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

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SHEET NO.  
 30

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MATCHLINE STA. - 38+80.00

MATCHLINE STA. - 44+96.00

LOTS 11 THRU 18  
**602**  
 BLOCK 100  
 "AMENDED PLAT OF  
 MIAMI SHORES  
 SECTION No. 4"  
 (P.B. 15, PG. 14)

LOTS 1 THRU 25  
**9617**  
 BLOCK 108  
 "AMENDED PLAT OF  
 MIAMI SHORES SECTION  
 No. 4"  
 (P.B. 15, PG. 14)

BLOCK 54  
 "MIAMI SHORES SECTION No. 2"  
 (P.B. 10, PG. 37)  
**602**  
 LOTS 1 THRU 10

BLOCK 59  
 "MIAMI SHORES SECTION No. 2"  
 (P.B. 10, PG. 37)  
**9405**  
 LOTS 1 THRU 8

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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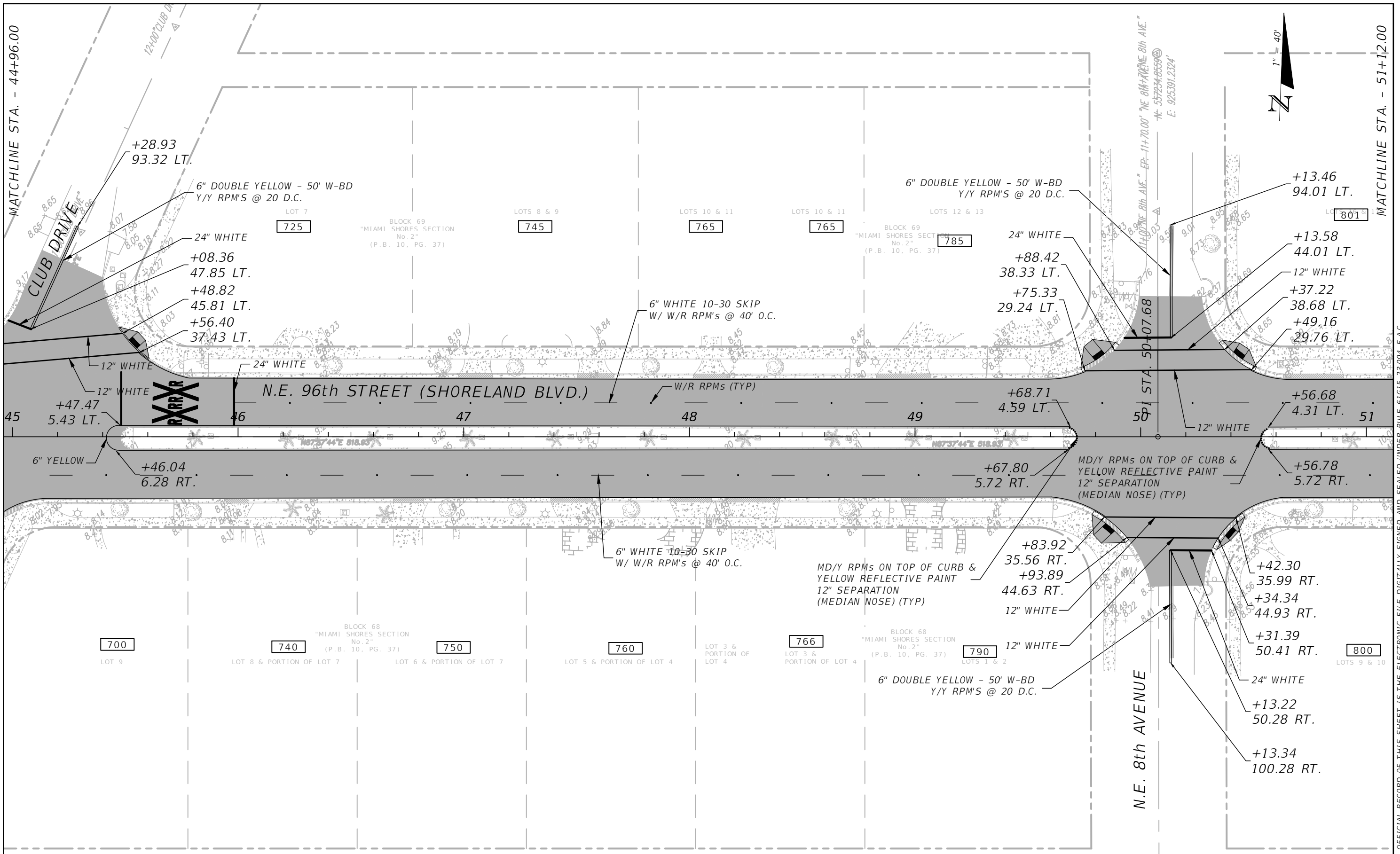


MIAMI SHORES VILLAGE  
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SHEET NO.  
 31

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CERTIFICATE OF AUTHORIZATION -----

MIAMI SHORES VILLAGE

Michelle Arana 2/12/2021 8:32:48 AM

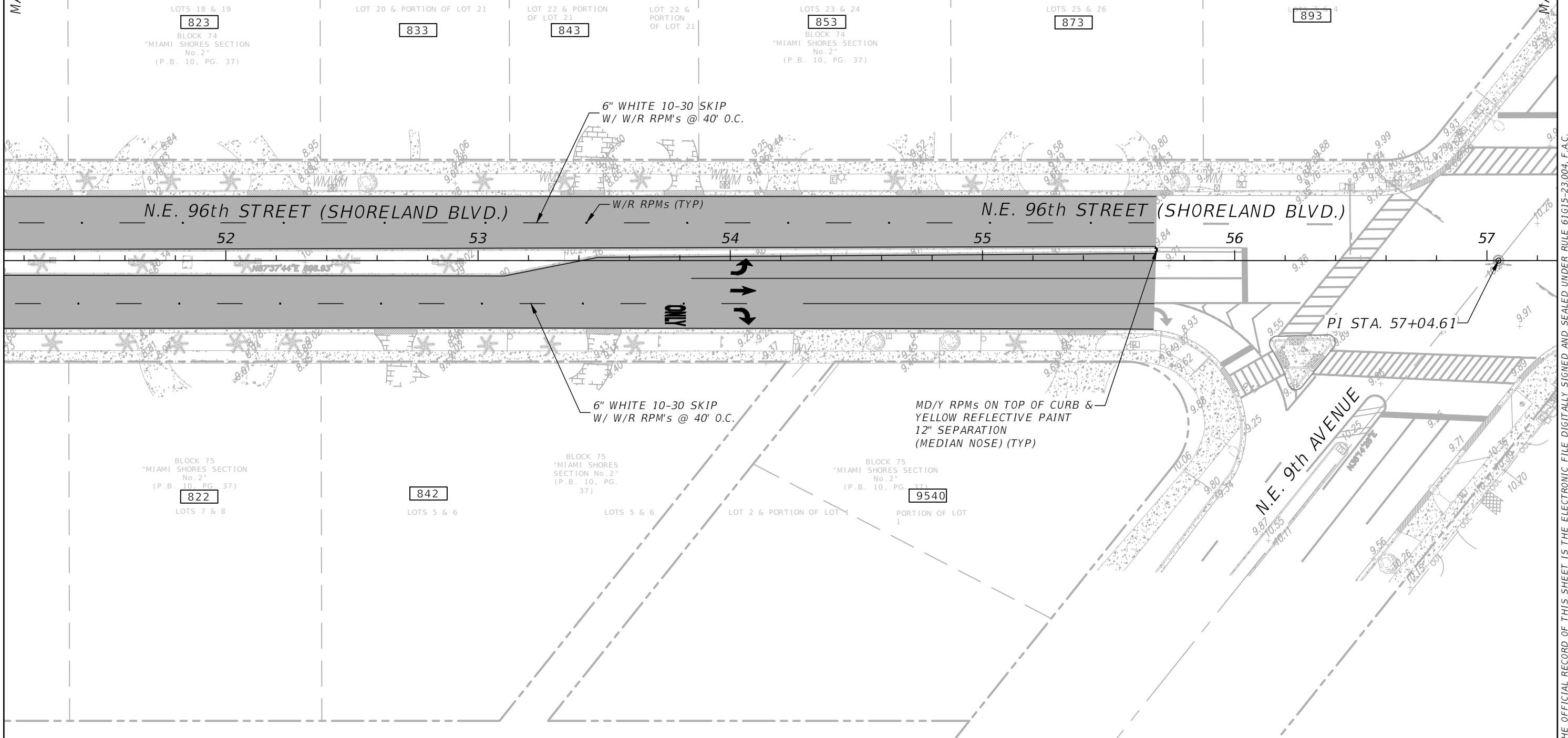
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SHEET NO.  
32

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MATCHLINE STA. - 51+12.00

MATCHLINE STA. - 57+28.00



REVISIONS			
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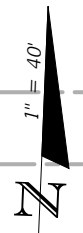
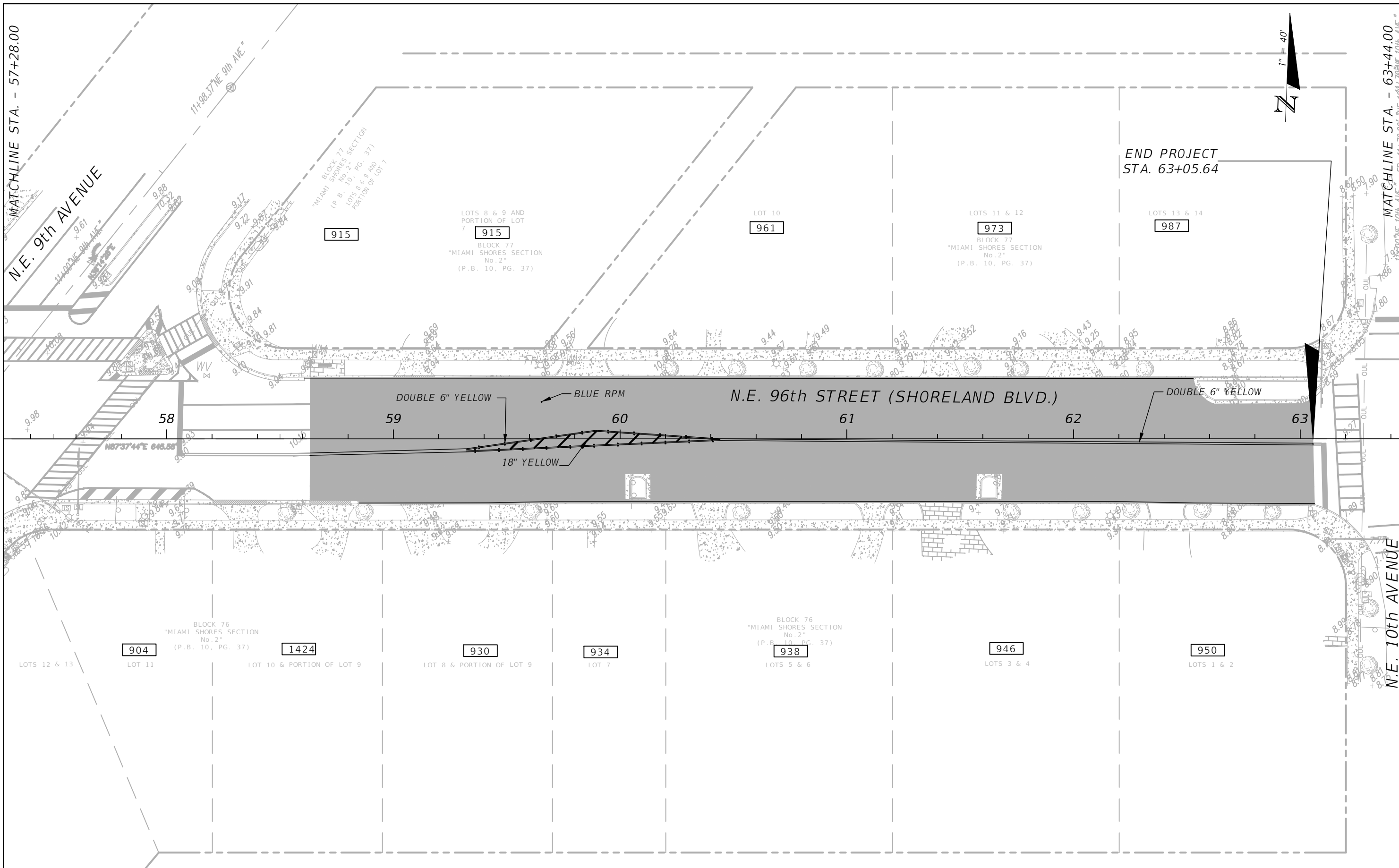


MIAMI SHORES VILLAGE  
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SHEET NO.  
 33

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MATCHLINE STA. - 57+28.00

MATCHLINE STA. - 63+44.00

END PROJECT  
STA. 63+05.64

REVISIONS			
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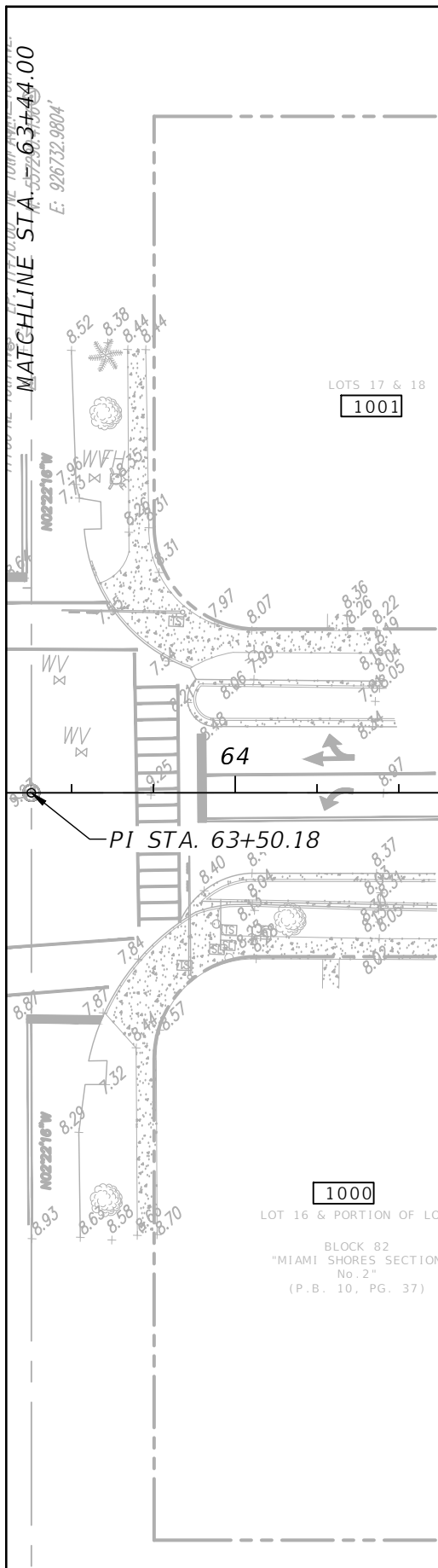


MIAMI SHORES VILLAGE  
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SHEET NO.  
34

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REVISIONS

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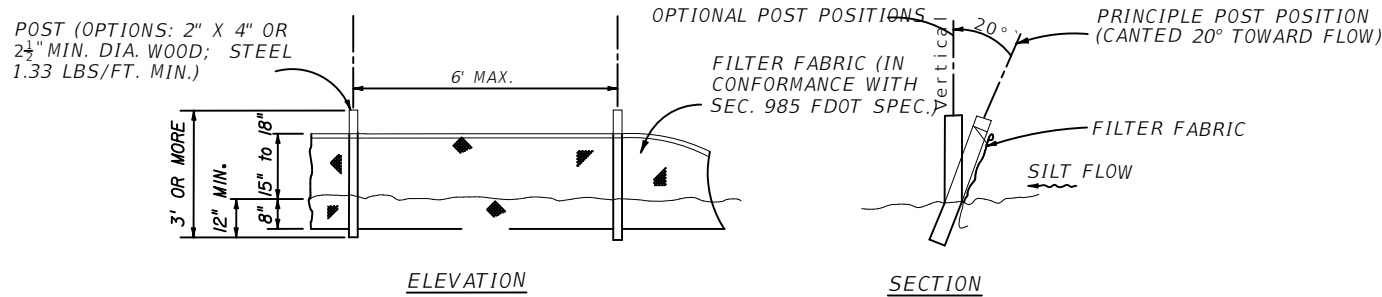
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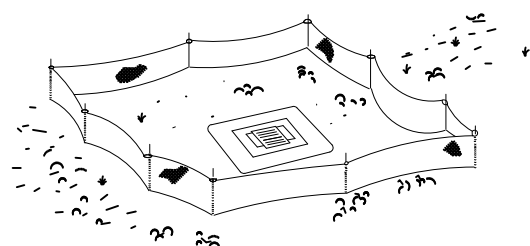
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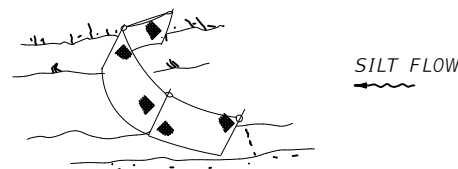


**SILT FENCE DETAILS**

NTS



TYPE III SILT FENCE PROTECTION AROUND DITCH BOTTOM INLETS.



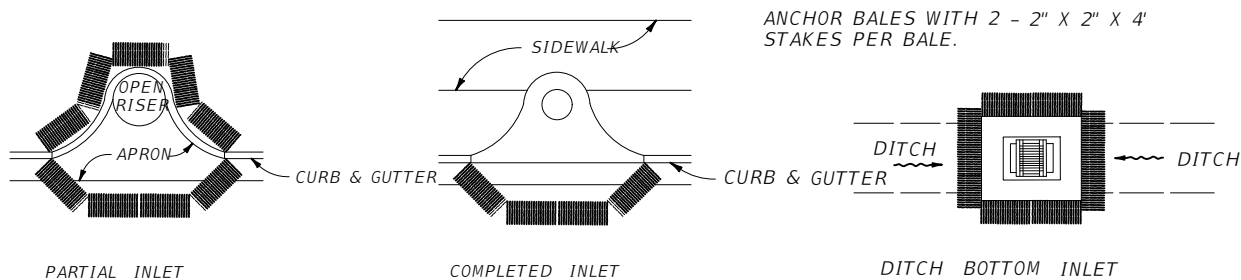
NOTE: SPACING FOR TYPE III FENCE TO BE IN ACCORDANCE WITH CHART 1, SHEET 1 OF 3 AND DITCH INSTALLATIONS AT DRAINAGE STRUCTURES SHEET 2 OF 3 PER INDEX 102

TYPE III SILT FENCE

Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses.  
Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

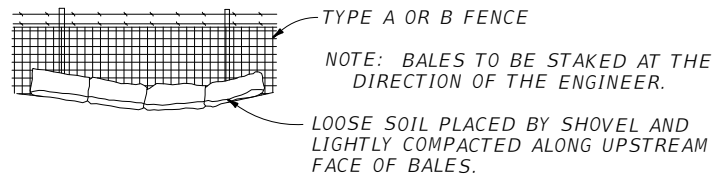
**SILT FENCE APPLICATIONS**

NTS



**PROTECTION AROUND INLETS OR SIMILAR STRUCTURES**

NTS



**STORM WATER POLLUTION PREVENTION PRACTICES: (FOR PROJECTS OF 1 ACRE OR MORE)**

1. TREE PROTECTION AND PRUNING SHALL BE ACCOMPLISHED AS DETAILED IN SPECIAL PROVISIONS, THE CONSTRUCTION PLANS, AND OR PER TREE ORDINANCE 12636.
2. THE STORM WATER POLLUTION PREVENTION PLAN, SWPPP, SUBMITTED TO PUBLIC WORKS, SHALL DESCRIBE IN DETAIL HOW THE CONSTRUCTION EFFORT WILL BE PHASED WITH REGARDS TO MINIMIZING EROSION PROBLEMS BY THE USE OF TEMPORARY AND PERMANENT EROSION CONTROL MEASURES, FOR THE VARIOUS SEQUENCES OF CONSTRUCTION OPERATIONS. ANY MODIFICATIONS MUST BE APPROVED BY THE CITY OF MIAMI - NPDES SECTION, DEPARTMENT OF PUBLIC WORKS.
3. ENVIRONMENTAL CONTROL FEATURES AS PROVIDED IN THE SWPPP, ARE TO BE INSTALLED AT ALL AREAS OF EXCAVATION OR FILL FOR DRAINAGE SYSTEM, OR STRUCTURE CONSTRUCTION PRIOR TO SUCH EXCAVATION OR FILL. INLET ENTRANCES ARE ALSO TO BE PROTECTED FROM SILTATION AS DETAILED ON SHEET 2 OF 4 OF MISC. 35-89-6.
4. ALL ENVIRONMENTAL CONTROL FEATURES ARE TO BE MAINTAINED THROUGHOUT THE LIFE OF THE PROJECT IN ACCORDANCE WITH N.P.D.E.S. REQUIREMENTS. THE CONTRACTOR MUST INSURE THAT ALL EROSION CONTROL FEATURES FUNCTION PROPERLY AT ALL TIMES.
5. ALL EROSION AND MATERIAL DEPOSITS MUST BE CONTAINED WITHIN THE PROJECT LIMITS.
6. ANY DAMAGED OR INEFFECTIVE ROCK BAGS ARE TO BE REPLACED WITH NEW ONES. THE LOCATION OF ROCK BAGS INSTALLATION IS AS MENTIONED IN THE SWPPP PLANS. THE PROJECT ENGINEER MAY SPECIFY OTHER AREAS AS NECESSARY.
7. DITCH BOTTOM INLETS SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL PROJECT IS COMPLETE. ELEVATION OF GROUND OUTSIDE INLET TOP SHALL NOT BE HIGHER THAN INLET TOP. ROCK BAGS SHALL BE INSTALLED AROUND INLET TOP. COMPLETED INLETS IN PAVED AREAS SHALL ALSO BE PROTECTED WITH ROCK BAGS TO PREVENT SEDIMENT INTAKE.
8. CURB INLETS ALSO SHALL BE PROTECTED FROM SEDIMENT INTAKE UNTIL THE PROJECT IS COMPLETE. ALL EXPOSED SLOPED MATERIAL ADJACENT TO INLET, SHALL BE COVERED WITH EROSION CONTROL MATTING WITH OUTER LIMITS PROTECTED BY ROCK BAGS.
9. STOCKPILED MATERIAL SHALL NOT BE LEFT IN EROSION PRONE AREAS UNLESS PROTECTED BY COVER OR ROCK BAGS.
10. INSPECTION OF EROSION CONTROL MEASURES AND CONDITION OF ADJACENT PROPERTIES, SHALL BE PERFORMED DAILY BY THE CONTRACTOR'S REPRESENTATIVE AND THE PROJECT ENGINEER. DEFICIENCIES SHALL BE NOTED AND CORRECTED.
11. ANY OFFSITE SEDIMENT DISCHARGE TO A MUNICIPAL SEPARATE STORM WATER SYSTEM ARISING FROM THE CONTRACTOR'S ACTIVITIES IS NOT ALLOWED. REFER TO PUBLIC WORKS DEPARTMENT BULLETIN No. 25.
12. THE USE OF SANITARY SEWERS, FRENCH DRAINS, COVER DITCHES AND/OR ROCK DRAINS FOR THE DISPOSAL OF WASTEWATER IS EXPRESSLY PROHIBITED. REFER TO PUBLIC WORKS DEPARTMENT BULLETIN No. 25. \* NPDES - NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM

**STORM WATER POLLUTION PREVENTION PLAN (SWPPP)**

A. EROSION & SEDIMENT CONTROL STABILIZATION PRACTICES:

- \_\_\_TEMPORARY SODDING
- \_X\_TEMPORARY GRASSING
- \_\_\_PERMANENT PLANTING, SEEDING OR SEED & MULCH
- \_\_\_TEMPORARY MULCHING
- \_\_\_ARTIFICIAL COVERING
- \_\_\_BUFFER ZONES
- \_\_\_PRESERVATION OF NATURAL RESOURCES
- \_\_\_OTHER

B. STRUCTURAL PRACTICES:

- \_X\_SAND BAGGING

C. OTHER CONTROLS: OFFSITE VEHICLE TRACKING:

- \_X\_HAUL ROADS DAMPENED FOR DUST CONTROL
- \_\_\_LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN, OR APPROVED EQUAL.
- \_X\_EXCESS DIRT ON ROAD REMOVED DAILY
- \_\_\_STABILIZED CONSTRUCTION ENTRANCE
- \_\_\_CONCRETE TRUCK WASH AREA
- \_\_\_OTHER TREATMENT OF STORM WATER TO MEET WATER QUALITY:
- \_\_\_DEEP WELLS
- \_X\_CULVERTS FOR EMERGENCY OVERFLOW
- \_\_\_POLLUTION CONTROL STRUCTURES
- \_\_\_OTHER

D. GENERAL

1. APPROVED STATE, LOCAL PLANS OR STORM WATER PERMITS.
2. ALL OF THE CONTROLS SHALL BE MAINTAINED AT ALL TIMES.
3. ALL CONTROLS SHALL BE INSPECTED DAILY.
4. APPLY FERTILIZERS AND PESTICIDES ACCORDING TO STANDARD SPECIFICATIONS, DESIGN AND SPECIAL PROVISIONS.
5. REPORT NON-STORM WATER DISCHARGE (INCLUDING SPILL) (305) 416-1200.
6. VISIT [www.dep.state.fl.us/water/stormwater/npdes/](http://www.dep.state.fl.us/water/stormwater/npdes/)

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MIAMI SHORES VILLAGE

**TYLIN**INTERNATIONAL

SWPPRD1

SHEET NO.

36



**STORM WATER POLLUTION PREVENTION NOTES:**

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS KEY SHEET CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

- A. THE FOLLOWING NARRATIVE AND REFERENCED DOCUMENTS,
- B. THE CONTRACTOR'S APPROVED EROSION AND SEDIMENT CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, CITY OF MIAMI PW BULLETIN No. 25 AND CITY ORDINANCE No. 13081,
- C. REPORT OF INSPECTIONS MADE DURING CONSTRUCTION.

**1.0 SITE DESCRIPTION**

**1.A. NATURE OF CONSTRUCTION ACTIVITY:**

THE PLAN DELINEATED IN THIS SWPPP IS FOR CONSTRUCTION ACTIVITIES FOR A LOCALIZED DRAINAGE IMPROVEMENT ALONG SW 29 AVENUE BETWEEN 23 TERRACE AND 23 STREET.

**1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:**

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAIL SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS THE EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

INSTALL PERIMETER EROSION AND SEDIMENT CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE CLEARING AND GRUBBING OTHER AREAS OF THE SITE.

1. CLEARING AND GRUBBING.
2. ASPHALT MILLING AND RESURFACING
3. DRAINAGE WORK

**1.C. AREA ESTIMATES**

TOTAL PROJECT AREA: 0.45 ACRES  
TOTAL AREA TO BE DISTURBED: 0.45 ACRES

**1.D. RUNOFF DATA**

Runoff Coefficients:  
Before Construction: 0.71  
During Construction: 0.71  
After Construction: 0.71

**1.E. SITE MAP**

THE SHEETS CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLANS REFERENCED IN THIS SECTION ARE IDENTIFIED ON THE KEY SHEET OF THE PLANS.

- \* APPROXIMATE SLOPES: THE PLANS MAINTAINS A 2% TYPICAL CROSS SLOPE AS INDICATED ON THE TYPICAL SECTION.
- \* AREAS OF SOIL DISTURBANCE: THE LIMITS OF SOIL DISTURBANCE ARE SHOWN ON THE TYPICAL SECTION SHEETS AND PLANS SHEETS.
- \* AREAS NOT TO BE DISTURBED: ENTIRE PROJECT AREA TO BE DISTURBED.
- \* LOCATIONS OF TEMPORARY CONTROLS: ROCK BAGS WILL BE LOCATED AROUND ALL EXISTING AND PROPOSED INLETS; TURBIDITY BARRIERS WILL BE LOCATED AT ANY BODIES OF WATER AFFECTED BY THIS PROJECT.
- \* LOCATIONS OF PERMANENT CONTROLS: PERMANENT FEATURES ARE SHOWN ON THE CONSTRUCTION PLANS, WHICH GENERALLY CONSIST OF SOD, ASPHALT, CONCRETE, AND DRAINAGE STRUCTURES.
- \* SURFACE WATERS: NONE
- \* WETLAND AREAS: NONE

**2.0 CONTROLS**

**2.A. EROSION AND SEDIMENT CONTROLS:**

IN THE SECTION 104 EROSION AND SEDIMENT CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S TRAFFIC CONTROL PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TRAFFIC CONTROL PLAN (TCP) OUTLINED IN THESE CONSTRUCTION PLANS. THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SECTION 104 EROSION CONTROL PLAN, SUBJECT TO APPROVAL OF THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES AND THE NEED FOR BETTER PRACTICES TO LIMIT THE TRANSPORT OF SEDIMENT FROM THE CONSTRUCTION AREA, THE CONTRACTOR, SHALL MINIMIZE THE SOIL AREAS EXPOSED AT ANY GIVEN TIME AND SHALL STABILIZE AREAS THAT WILL REMAIN IDLE FOR MORE THAN 7 DAYS. THE CONTRACTOR SHALL UTILIZE GRADING TECHNIQUES TO DIRECT RUNOFF TO AREAS WITH THE PROPER EROSION CONTROL FEATURES INSTALLED AND AWAY FROM OPEN WATER OR OTHER SENSITIVE AREAS ADJACENT TO THE WORK SITE.

**2.A.1 STABILIZATION PRACTICES:**

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLANS, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 14 DAYS. IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED THE STABILIZATION PRACTICES PROPOSED BY THE CONTRACTOR SHALL INCLUDE AT LEAST THE FOLLOWING:

PERMANENT:

- \* ASPHALT OR CONCRETE SURFACE.
- \* SOD IN ACCORDANCE WITH ORDINANCE 12636.

**2.A.2 STRUCTURAL PRACTICES:**

IN THE SECTION 104 EROSION & SEDIMENT CONTROL PLANS, THE CONTRACTOR SHALL DESCRIBE THE STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. ALL SEDIMENTS CONTROLS SHALL BE IN PLACE BEFORE ANY SOIL DISTURBING ACTIVITY UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES PROPOSED BY THE CONTRACTOR SHALL INCLUDE AT LEAST THE FOLLOWING:

TEMPORARY:

- \* ROCK BAGS IN ACCORDANCE WITH DESIGN STANDARD 102 AND SPECIFICATION SECTION 104.

PERMANENT:

- \* CURB AND GUTTER
- \* DRAINAGE STRUCTURES
- \* SOD

**2.B. STORM WATER MANAGEMENT:**

DRAINAGE PATTERNS AND DIVIDES ARE INCLUDED ON THE DRAINAGE MAP INCLUDED IN THE DRAINAGE REPORT. STORM WATER IS CAPTURE BY PROPOSED INLETS AND RETAIN IN INFILTRATION TRENCHES

**2.C. OTHER CONTROLS:**

THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN, ORDERLY CONSTRUCTION SITE; THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT THE PROJECT SITE:

**2.C.1. DISCHARGE OF MATERIAL TO SURFACE WATERS:**

NO CONSTRUCTION MATERIAL SHALL BE DISCHARGE TO WATERS OF THE STATE UNLESS AUTHORIZED BY SECTION 40. PERMIT AND/OR CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN AN APPROVED UPLAND LOCATION. BUILDING MATERIAL SHALL NOT BE DISPOSED OF IN WETLANDS OR BURIED ON-SITE. IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIAL. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- \* PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES.
- \* DISPOSE OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- \* DISPOSE OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS OR WETLANDS.

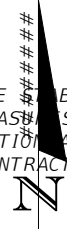
**2.C.2. OFF-SITE VEHICLE TRACKING AND DUST CONTROL:**

THE CONTRACTOR SHALL TAKE MEASURES TO INSURE THE CLEANUP OF THE SEDIMENTS THAT HAVE BEEN TRACKED BY VEHICLES OR HAVE BEEN TRANSPORTED BY WIND OR STORM WATER ABOUT THE SITE OR ONTO NEARBY ROADWAYS.

STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS, IF APPROPRIATE, SHALL BE IMPLEMENTED IN ORDER TO REDUCE OFF-SITE TRACKING. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY. PROVIDE A STREET SWEEPING PLAN TO THE CITY INSPECTOR.

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- \* COVER LOADED HAUL TRUCKS WITH TARPULINS.
- \* REMOVE EXCESS DIRT FROM ROADS DAILY.
- \* STABILIZE CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARDS 106. (CONSTRUCTION ENTRANCES ARE ALREADY STABILIZED FOR THIS PROJECT)



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MIAMI SHORES VILLAGE

**TYLIN**INTERNATIONAL

**SWPPRD2**

SHEET NO.

37

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2.C.3. WASTE DISPOSAL, SANITARY SEWER OR SEPTIC TANK REGULATIONS:

THE CONTRACTOR SHALL DEMONSTRATE THE PROPER DISPOSAL OF ALL CONSTRUCTION WASTE GENERATED WITHIN THE PROJECT LIMITS. WASTE MAY INCLUDE, BUT NOT LIMITED TO, VEGETATION FROM CLEANING AND GRUBBING ACTIVITIES, PACKAGING MATERIAL, SCRAP BUILDING MATERIAL, LITTER FROM TRAVELING PUBLIC, SEWAGE FROM SANITARY FACILITIES, HERBICIDES AND PESTICIDES AND THEIR CONTAINERS, AND HYDROCARBON PRODUCTS SHALL BE DESIGNATE A WASTE COLLATION AREA ON SITE AND DELINEATE THE AREA ON THE SWPPP SITE MAP. SANITARY SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION, FOR THE USE OF THE CONTRACTOR'S EMPLOYEES AS NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH. A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY THE STATE REGULATIONS WILL COLLECT ALL SANITARY WASTE FROM PORTABLE UNITS. THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES. CONTRACTOR WILL PROVIDE AN ADEQUATE NUMBER OF LITTER CONTAINERS WITH LIOS AT THIS STAGING STOCKPILE AND FIELD OFFICE AREAS. WASTE COLLECTION WILL BE SCHEDULED SO THAT CONTAINERS ARE EMPTIED PRIOR TO OVERFLOW. SPILLED LITTER CONTAINERS WILL BE CLEANED UP IMMEDIATELY.

**STORM WATER POLLUTION PREVENTION NOTES CONTINUED:**

2.C.4. FERTILIZERS AND PESTICIDES:

THE APPLICATION AND HANDLING OF HERBICIDES AND PESTICIDES SHALL BE IN COMPLIANCE WITH THE MANUFACTURE-RECOMMENDED METHOD AND IN ACCORDANCE WITH FDOT STANDARD SPECIFICATION FOR ROADS AND BRIDGE CONSTRUCTION. HERBICIDES AND PESTICIDES SHALL BE ONSITE IN THEIR ORIGINAL CONTAINERS WITH PRODUCT LABEL INTACT.

2.C.5 TOXIC/HAZARDOUS MATERIAL HANDLING

CONTRACTOR SHALL PROVIDE EQUIPMENT NECESSARY TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIAL AFTER THEY OCCUR. SPILLED MATERIAL AND THE EQUIPMENT USED TO CLEAN UP THE SPILL SHALL NOT COME IN CONTACT WITH SURFACE WATERS OR BE INTRODUCED INTO STORM WATER. DISPOSAL OF SURPLUS PRODUCT WILL BE DONE ACCORDING TO MANUFACTURE RECOMMENDED METHOD.

CONTRACTOR SHALL PROVIDE A PROJECT SPECIFIC HAZARDOUS MATERIAL SPILL CONTROL PLAN TO ADDRESS THE HANDLING OF HYDROCARBON AND HAZARDOUS MATERIALS. PETROLEUM PRODUCTS SHALL BE STORED IN COVERED AREAS WITH SECONDARY CONTAINMENT SURROUNDING CONTAINER.

TOXIC/HAZARDOUS MATERIAL EXPOSED DURING CONSTRUCTION ACTIVITIES SHALL BE HANDLE AS PER THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

2.D STATE AND LOCAL PERMITS TO BE APPLIED FOR:

- \* CLASS II FROM THE DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT.
- \* NPDES FROM THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT

**3.0 MAINTENANCE**

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER BY THE CONTRACTOR. IF A CONTROL NEEDS REPAIR OR REPLACEMENT, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT AND RECORDED ON THE INSPECTION FORMS. MAINTENANCE SHALL CONTINUE UNTIL ALL ERODIBLE SOILS WITHIN THE CONTRIBUTING AREA HAVE BEEN STABILIZED. AT THIS POINT, THE CONTRACTOR SHALL REMOVE EXCESS SILT AT THE CONTROLS AND REMOVE THE TEMPORARY DEVICES. THE MAINTENANCE PLAN SHALL AT MINIMUM, COMPLY WITH THE FOLLOWING:

- \* INLET PROTECTION (ROCK BAGS): THE CONTRACTOR SHALL INSPECT THE PROTECTED INLETS EVERY TWO WEEKS AND REPLACE THE ROCK BAGS IF NECESSARY OR WHEN EXCESSIVE POUNDING OCCURS; ELIMINATE BREACHES IN THE PROTECTION.
- \* TURBIDITY BARRIER: MAINTAIN AS PER SECTION 104 OF THE SPECIFICATIONS.
- \* STREET SWEEPING: DAILY CONTROL AND DUST PREVENTION WITH WATER TRUCK.
- \* GRASSED AREAS: NEWLY SODDED AREAS AND ADJACENT AREAS DISTURBED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED AND MAINTAINED, WATERING AND MOWING AS NEEDED OR REQUIRED IN THE FDOT STANDARD SECIFICATIONS.

**4.0 INSPECTIONS**

QUALIFIED PERSONNEL SHALL INSPECT ALL THE CONTROL FEATURES AT LEAST ONE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY WEEK. THE CONTRACTOR SHALL ALSO ENSURE THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN (SWPPP). THE FOLLOWING ITEMS WILL BE INSPECTED:

- \* POINTS OF DISCHARGE TO SURFACE WATERS OR WETLANDS: INSPECT TO DETERMINE IF CONTROLS ARE EFFECTIVE IN PREVENTING OR MINIMIZING THE DISCHARGE OF POLLUTANTS.
- \* POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS (INLETS, ETC.): INSPECT TO DETERMINE IF CONTROLS ARE EFFECTIVE IN PREVENTING OR MINMIZING THE DISCHARGE OF POLLUTANTS.

\* DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED: INSPECT FOR EVIDENCE OF POTENTIAL FOR DISCHARGING POLLUTANTS INTO SURFACE WATERS OR STORMWATER SYSTEMS.

\* AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION: INSPECT FOR EVIDENCE OF POTENTIAL FOR DISCHARGING POLLUTANTS INTO SURFACE WATERS OR STORMWATER SYSTEMS.

\* STRUCTURAL CONTROLS: INSPECT FOR PROPER INSTALLATION AND OPERATION.

\* STORMWATER MANAGEMENT SYSTEMS: INSPECT FOR PROPER OPERATION, EVIDENCE OF FLOODING DUE TO SEDIMENTATION OR CONTROLS REQUIRING MAINTENANCE.

\* LOCATIONS WHERE VEHICLES ENTER AND EXIT THE SITE: INSPECT FOR EVIDENCE OF OFFSITE TRACKING.

\* FINAL INSPECTION REQUIRES ALL EXISTING AND PROPOSED STORMSEWER SYSTEM TO BE DESILTED/JETTED WITH A VACTOR TRUCK IN THE PRESENCE OF A NPDES INSPECTOR.



**5.0 NON-STORM WATER DISCHARGES:**

THE CONTRACTOR SHALL INITIATE WITHIN 24 HOURS OF INSPECTION THAT INDICATES ITEMS ARE NOT IN GOOD WORKING ORDER BASED ON THE RESULTS OF THE INSPECTION, ALL MAINTENANCE OPERATIONS NEEDED TO ASSURE PROPER OPERATION OF ALL CONTROLS, BMPS OR MEASURES IDENTIFIED IN THIS SWPPP SHALL BE DONE IN A TIMELY MANNER, BUT NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION. IF NEEDED, POLLUTION PREVENTION CONTROLS SHALL BE REVISED AS APPROPRIATE IF FAILURES IN THE PLAN ARE NOTED; THESE REVISIONS SHALL BE IMPLEMENTED NO LATER THAN 7 CALENDAR DAYS FOLLOWING THE INSPECTION.

A REPORT (USE FDOT FORM 650-040-03) SUMMARIZING THE SCOPE OF THE INSPECTION SHALL INCLUDE THE INSPECTOR'S NAME, QUALIFICATIONS, DATE, RAINFALL DATA, OBSERVATIONS RELATING TO THE SWPPP, AND ACTIONS TAKEN SINCE THE LAST REPORT. THE REPORT SHALL IDENTIFY ALL INCIDENTS OF NON-COMPLIANCE.

IF THERE ARE NO INCIDENTS OF NON-COMPLIANCE, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE SWPPP AND THE PERMIT. THE REPORT SHALL BE SIGNED AND FILED AS REQUIRED BY THE GENERIC PERMIT.

THE CONTRACTOR SHALL MAINTAIN A FILE CONTAINING THE CURRENT SWPPP, NOI SUBMITTAL, CERTIFICATIONS AND ALL THE SIGNED INSPECTION REPORTS; THE NOTICE OF INTENT SUBMITTED AS REQUIRED BY CHAPTER 62-621, FAC, MUST BE POSTED AT THE SITE.

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORM WATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES) SUCH AS THOSE LISTED BELOW. THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION FROM THESE NON-STORM WATER DISCHARGES.

IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR IS TO CEASE OPERATIONS IN THAT AREA. THE CONTRACTOR SHALL CONTACT THE CITY OF MIAMI PROJECT MANAGER.

A DEWATERING PERMIT IS REQUIRED TO REMOVED GROUNDWATER FROM THE CONSTRUCTION SITE.


- \* CULVERT INSTALLATION METHODS
- \* SLURRY DISPOSAL
- \* DUST CONTROL
- \* EQUIPMENT WASHOUT
- \* PIPE DESILTING ACTIVITIES
- \* IRRIGATION

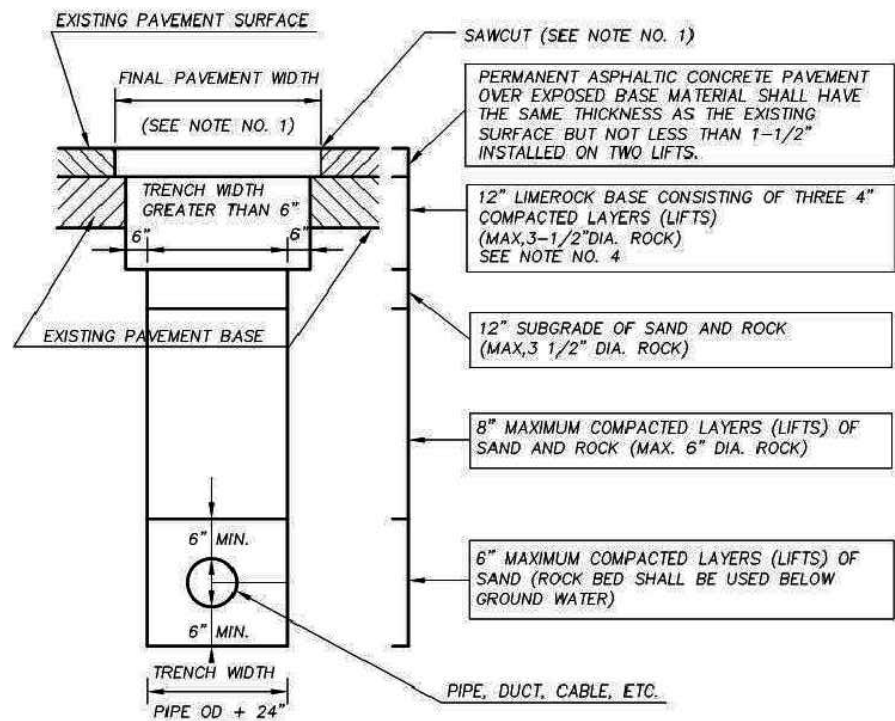
**6.0 CONTRACTOR SUBMITTAL:**

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AN EROSION CONTROL PLAN THAT PROVIDES A DETAILED DESCRIPTION OF ALL EROSION AND SEDIMENT CONTROLS, BMP'S AND MEASURES THAT WILL BE IMPLEMENTED AT THE CONSTRUCTION SITE FOR EACH ACTIVITY IDENTIFIED IN SECTION 1.B SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING TIMEFRAMES IN WHICH THE CONTROLS WILL BE IMPLEMENTED, MAINTAINED AND REMOVED. THIS INFORMATION SHALL BE CONSIDERED IN COMPLIANCE WITH THE FDEP GENERIC PERMIT FOR STORM WATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FOLLOWING ITEMS ARE ON SITE:

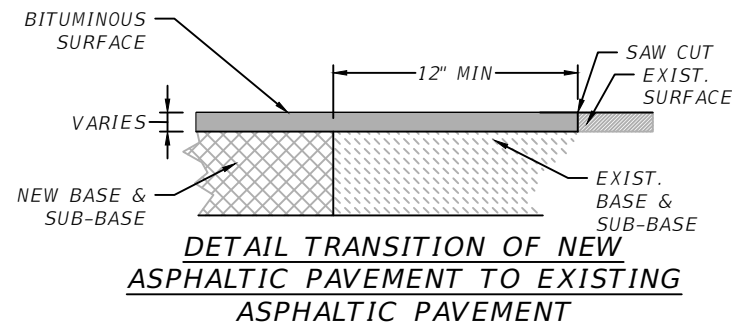
1. COPY OF THE SWPPP WITH THE ORIGINAL CERTIFICATION SIGNATURES.
2. COPY OF THE CONTRACTOR'S EROSION CONTROL PLAN.
3. HAZARDOUS SPILL CONTROL PLAN WITH GUIDELINES ON CONTACTING THE 24-HOUR EMERGENCY RESPONSE PROGRAM FOR HAZARDOUS MATERIAL SPILLS. THIS SHALL INCLUDE COPIES OF DISCHARGE NOTIFICATIONS THAT HAVE OCCURRED WITHIN THE PROJECT LIMITS.
4. COMPLETE INSPECTION FORMS.

			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 TYLIN INTERNATIONAL 201 ALHAMBRA CIR. CORAL GABLES, FLORIDA 33134 CERTIFICATE OF AUTHORIZATION ----		MIAMI SHORES VILLAGE	<b>SWPPRD3</b>		SHEET NO.
								38

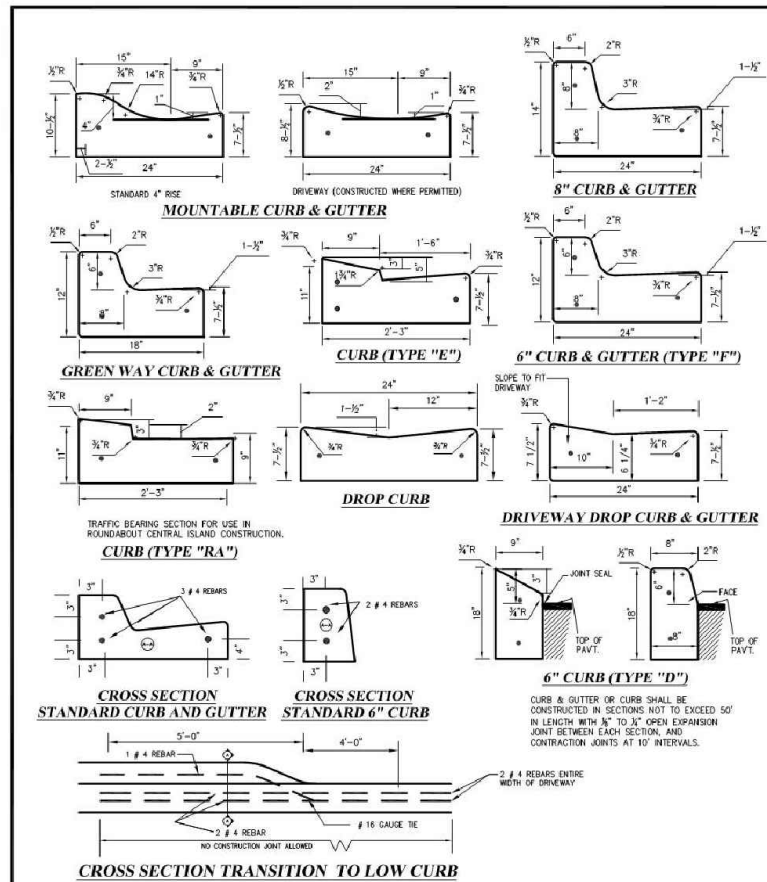


1. FINAL PAVEMENT RESTORATION WIDTH SHALL BE IN ACCORDANCE WITH DEPARTMENT OF PUBLIC WORKS BULLETIN NO. 27.
2. EXISTING CONCRETE PAVEMENT OR CONCRETE BASE SHALL BE REPLACED WITH CONCRETE. CONCRETE BASE SHALL BE REINFORCED WITH NO. 6 GAUGE, 6" BY 6" WIRE FABRIC.
3. A MINIMUM OF ONE (1) CERTIFIED LABORATORY DENSITY TEST SHALL BE REQUIRED FOR EACH BACKFILL LAYER FOR EVERY FIFTY (50) LINEAR FEET OR LESS OF TRENCH
4. TRENCH BACKFILL, INCLUDING TEMPORARY BASE AND SUBGRADE, SHALL BE COMPACTED TO A DENSITY NOT LESS THAN NINETY-FIVE PERCENT (95%) OF AASHTO T-180 (MODIFIED PROCTOR)
5. "CONTROLLED LOW STRENGTH MATERIAL" (FLOWABLE FILL) IN ACCORDANCE WITH F.D.O.T STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 121, MAY BE SUBSTITUTED FOR SAND AND ROCK BACKFILL BETWEEN THE BOTTOM OF THE PAVEMENT BASE AND 6" ABOVE THE CROWN OF THE UTILITY. CERTIFICATION FROM THE FLOWABLE FILL SUPPLIER SHALL BE REQUIRED.

**BACKFILL AND PERMANENT PAVEMENT**  
N.T.S.

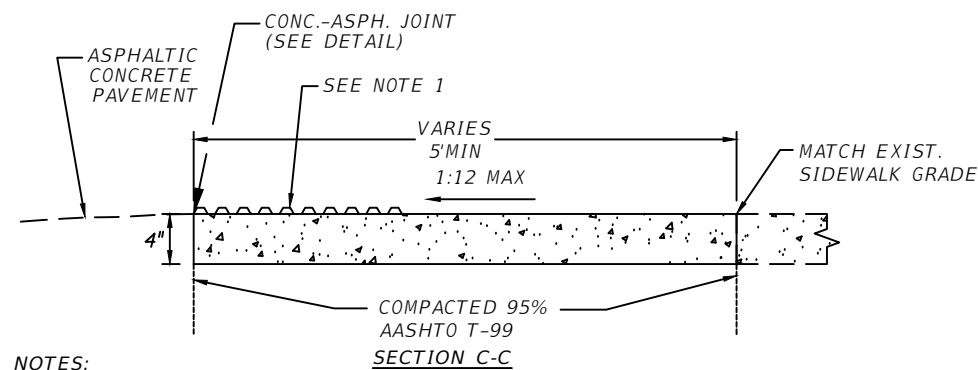


**DETAIL TRANSITION OF NEW ASPHALTIC PAVEMENT TO EXISTING ASPHALTIC PAVEMENT**  
NOTE: DO NOT UNDERCUT EXISTING BASE & SUB-BASE WHEN CONSTRUCTING NEW BASE & SUBBASE



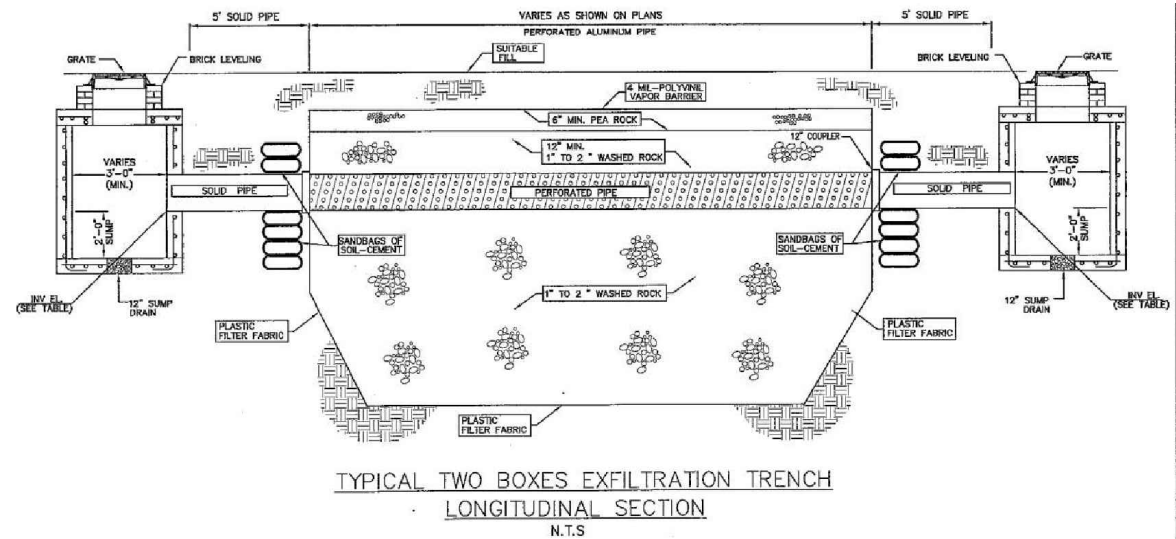
**REINFORCED CONCRETE CURB AND VALLEY GUTTER**

**REINFORCED CONCRETE CURB AND GUTTER**  
N.T.S.



- NOTES:
1. PROVIDE DETECTABLE WARNING AS PER FDOT DESIGN STANDARDS INDEX #522-002.
  2. ADA RAMPS TO COMPLY WITH APPLICABLE FDOT STANDARDS.

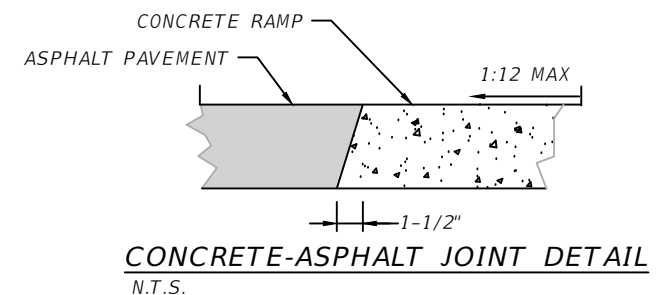
**ADA COMPLIANT SIDEWALK RAMP DETAIL (FLUSH SHOULDER)**  
N.T.S.



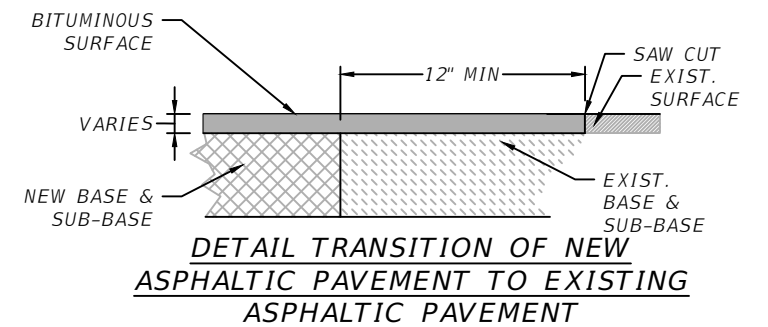
**NOTES**

1. PLASTIC FILTER (AT EA. SIDE, TOP, BOTTOM) SHALL BE USED IN SANDY AREAS AS NOTED ON PLANS AND/OR AS DIRECTED BY THE ENGINEER.
2. THE BOTTOM OF THE EXFILTRATION TRENCH SHALL BE 15'-0" BELOW EXISTING GROUND ELEVATION, UNLESS FIELD CONDITIONS WARRANT OTHERWISE.
3. AFTER THE BALLAST ROCK HAS BEEN PLACED TO THE PROPER ELEVATION, IT SHALL BE CAREFULLY WASHED DOWN WITH CLEAN WATER IN ORDER TO ALLOW INITIAL SETTLEMENT THAT MAY OCCUR. IF IT DOES TAKE PLACE, ADDITIONAL BALLAST ROCK WILL BE ADDED TO RESTORE THE BALLAST ROCK TO THE PROPER ELEVATION, SO THAT THE EXFILTRATION TRENCH BE COMPLETED IN ACCORDANCE WITH THE DETAILS.
4. INVERT ELEVATION TO BE SET PER W.C. 2.2 (AVG. OCTOBER GROUND WATER LEVEL).

**TYPICAL FRENCH DRAIN PROFILE**  
N.T.S.



**CONCRETE-ASPHALT JOINT DETAIL**  
N.T.S.



**DETAIL TRANSITION OF NEW ASPHALTIC PAVEMENT TO EXISTING ASPHALTIC PAVEMENT**  
NOTE: DO NOT UNDERCUT EXISTING BASE & SUB-BASE WHEN CONSTRUCTING NEW BASE & SUBBASE

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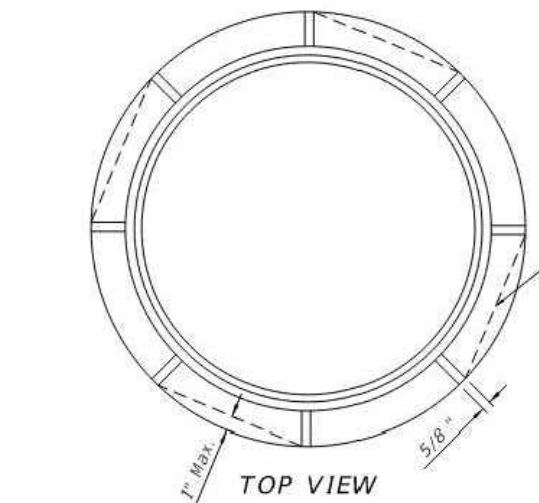


MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

**DETAILS**

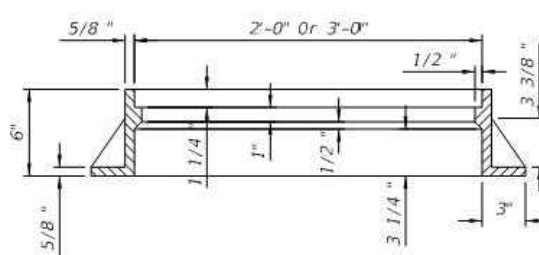
SHEET NO.  
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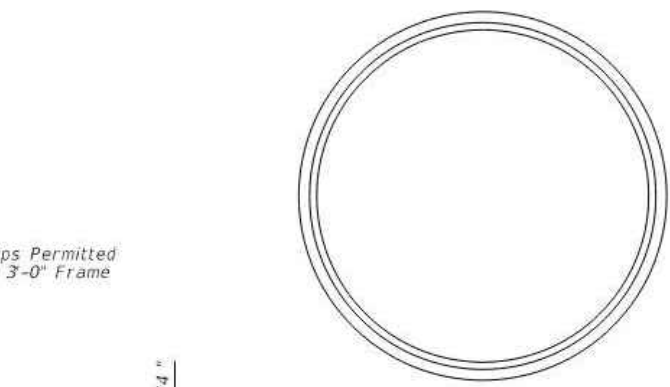


TOP VIEW

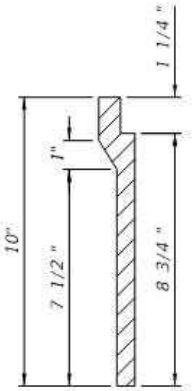
Clips Permitted On 3'-0" Frame



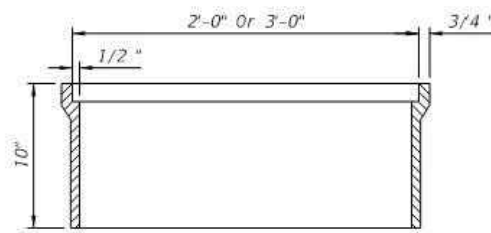
SECTION  
For Manholes  
TYPE I



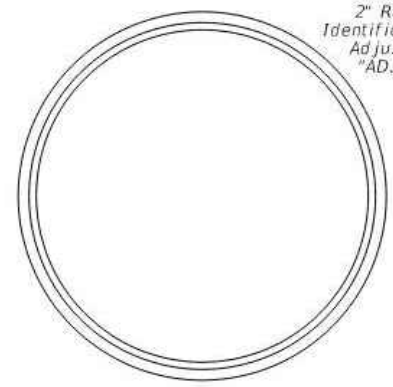
TOP VIEW



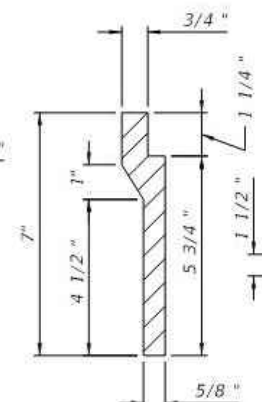
WALL SECTION



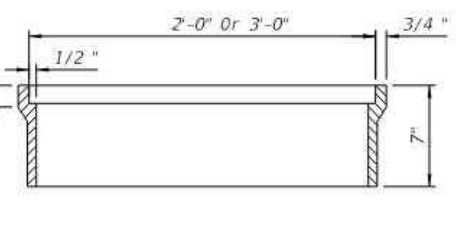
SECTION  
For Curb Inlets Types 1, 2, 3, & 4  
TYPE II



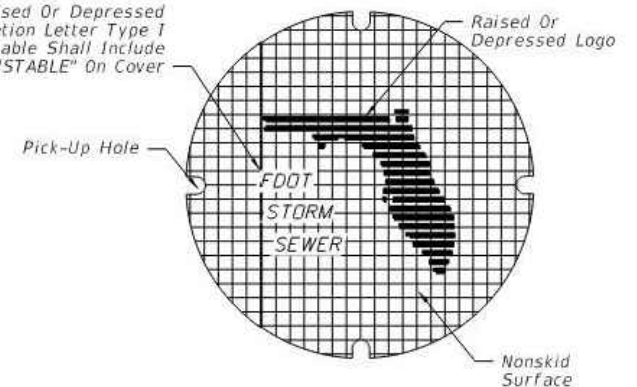
TOP VIEW



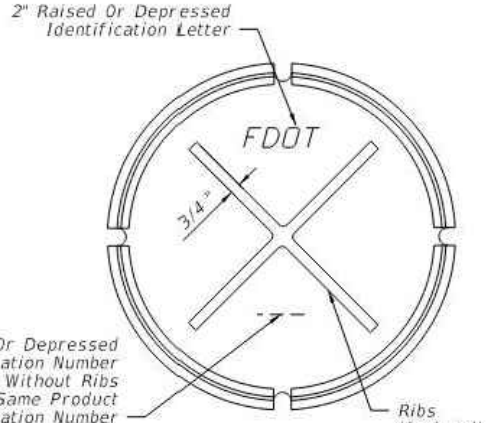
WALL SECTION



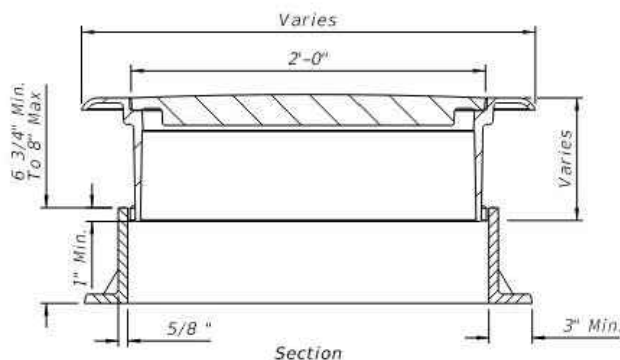
SECTION  
For Curb Inlets Types 7 & 8  
TYPE III



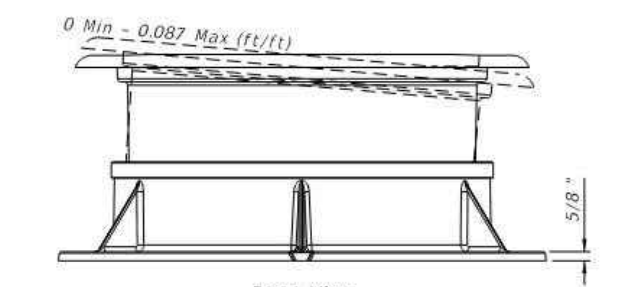
TOP VIEW



BOTTOM VIEW



Section



FRONT VIEW  
TYPE I ADJUSTABLE

WEIGHT OF CASTINGS (lb)						
Frame Type	2' OPENING		3' OPENING			
	Frame	Cover (Std.)	Frame	2-Piece Cover		
I *	155	190	220	Inside	Outside	Total
II	145	190	255	190	220	410
III	90	190	180	190	220	410

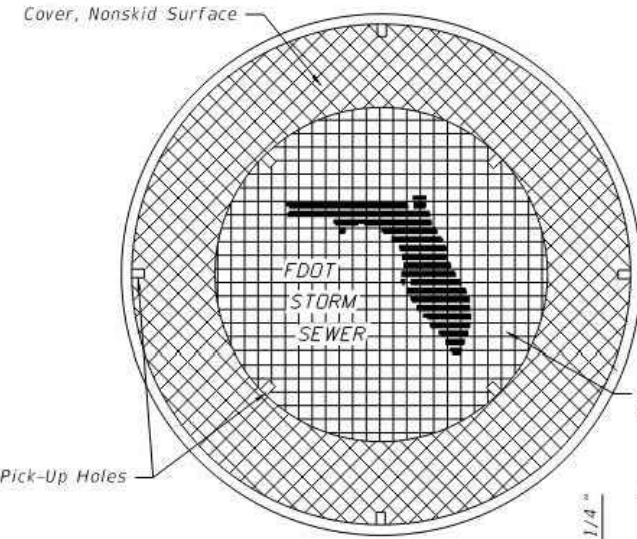
\* Includes Type I Adjustable

NOTES (FRAMES, AND COVER)

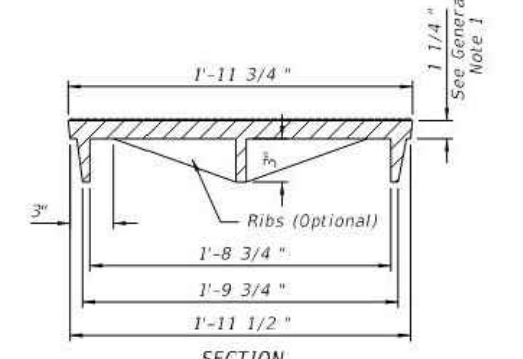
- The standard cover is to be used for all frames Types I, II, III and the 2-piece cover, and is the replacement cover for all previous frames with 1 1/2" deep seats (traffic type). The 185 lb. cover (nontraffic type), 1984 Roadway and Traffic Design Standards Index 201, is the replacement cover for existing frames with 1/2" deep seats. Installation of frame with 1/2" deep seats is not permitted.
- Use the 2'-0" cover, unless the 2-piece cover is called for in the plans, except at inlets and manholes with sump bottoms use the 2-piece cover when the sump depth exceeds 2', unless otherwise noted.

DESIGNER NOTE:

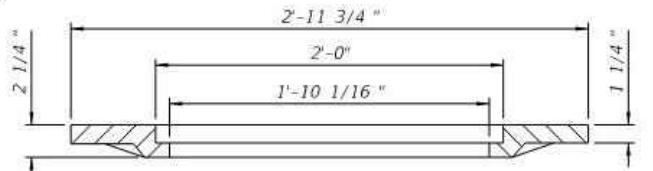
Consider using the 2-piece cover where depths exceed 5' and manual entry may be required for cleaning. Clearly note the requirement for a 2-piece cover, on the Drainage Structure sheets in the plans.



For Use With Types I, II And III Frames With 3'-0" Opening  
2-PIECE COVER



COVER FOR ALL FRAMES



2-PIECE COVER

LAST REVISION	DESCRIPTION:
11/01/17	

REVISION	
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**FDOT** FY 2020-21 STANDARD PLANS

SUPPLEMENTARY DETAILS FOR MANHOLES AND INLETS

INDEX	SHEET
425-001	1 of 5

SHEET NO.
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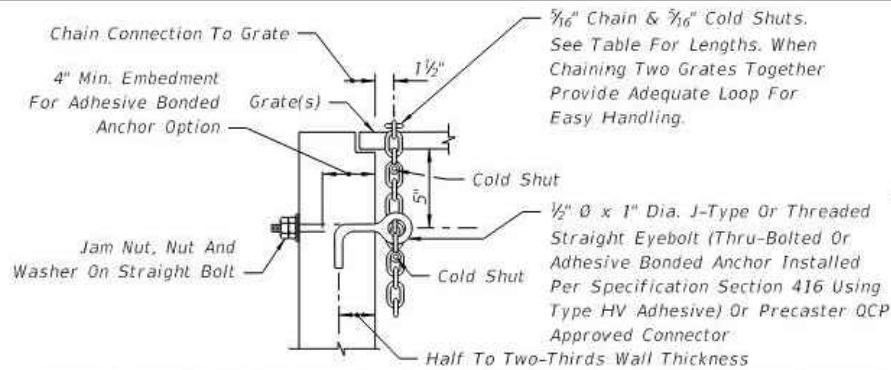


MIAMI SHORES VILLAGE  
**TYLIN** INTERNATIONAL

DETAILS

SHEET NO.
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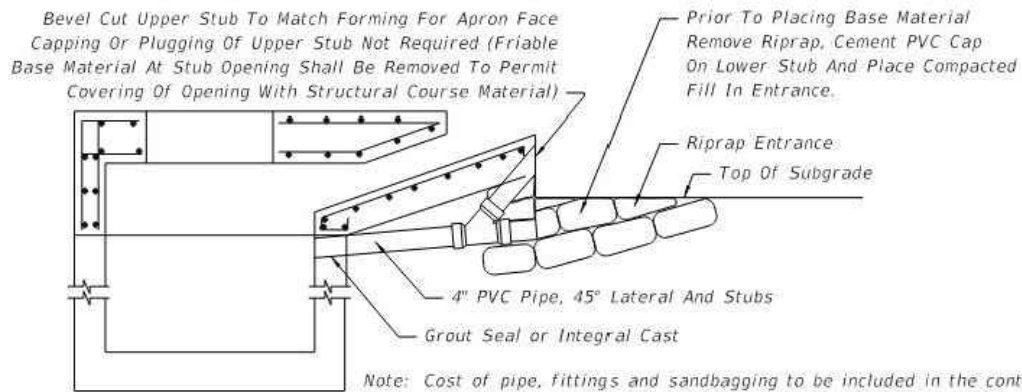
NOTE: When Alternate "G" grate is specified, the chain, bolt, nuts, washer and cold shuts shall be galvanized in accordance with Section 425 of the Standard Specifications.

Cost of eyebolt and chain to be included in the contract unit price for inlets.

**EYEBOLT AND CHAIN REQUIREMENTS**

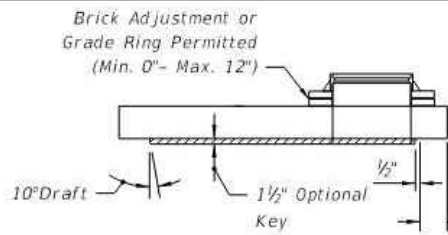
Index Number	Inlet Type	Eye-Bolts	Length Of Chain	Handling & Remarks
425-030	1	1	4'-0"	Slide & Spin
	2	1	4'-0"	Slide & Spin
	3	2	2 @ 4'-0"	Slide & Spin
	4	2	2 @ 4'-0"	Slide & Spin
	5	2	2 @ 4'-0"	Slide & Spin
425-031	N/A	1	3'-8"	Slide Or Slide & Spin
425-032	N/A	1	4'-0"	Slide & Spin
425-040	S	1	4'-0"	Slide & Spin
425-041	V	1	4'-0"	Slide & Spin
425-050	A	1	3'-0"	Slide
425-051	B	1	5'-0"	Slide & Spin
	C	1	2'-6"	Slide & Spin
	D	1	2'-6"	Slide & Spin
	E	2	2 @ 2'-6"	Slide & Spin
425-052	H	2	2 @ 2'-6"	Flip Ctr. Grate and Slide & Spin Single Free Grate
			1 or 2 @ 1'-6"	Center Grate(s) Chained To One End Grate
425-053	F	1	3'-6"	Flip Or Slide & Spin
	G	1	6'-0"	Slide
425-054			2'-0"	Lifting Loop
	J	1	4'-0"	Slide & Spin

**EYEBOLT AND CHAIN FOR LOCKING GRATES TO INLETS**

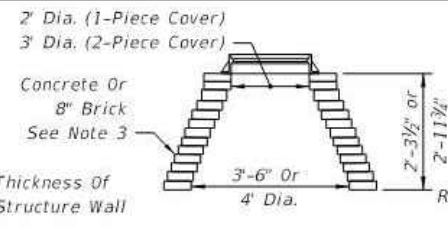


**TEMPORARY DRAINS FOR SUBGRADE AND BASE**

LAST REVISION	DESCRIPTION:
11/01/17	



**SECTION TYPE 7**  
Note: See Slab Designs Index 425-010.



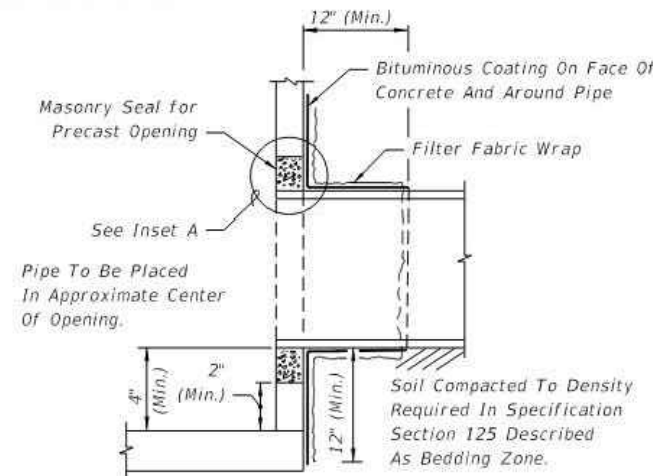
**MANHOLE TOPS**

**NOTES (TOPS)**

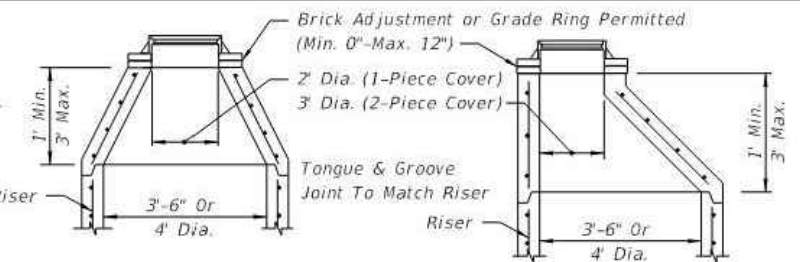
- Manhole top Type 7 slabs shall be of Class II concrete. Concrete as specified in ASTM C478 may be used for precast units; see General Note 3.
- Manhole top Type 7 slabs may be of cast-in-place or precast construction. The optional key is for precast tops and in lieu of dowels. Frame and slab openings are to be omitted when top is used over a junction box.
- Manhole top Type 8 may be of cast-in-place or precast concrete construction or brick construction. For concrete construction, the concrete and steel reinforcement shall be the same as the supporting wall unit. An eccentric cone may be used.
- Manhole tops shall be secured to structures by optional construction joints as shown on Sheet 3.
- Frames can be adjusted a maximum 12" height with brick or precast ASTM C478 grade rings.
- Substitution of manhole top Type 8 for manhole top Type 7 is allowed provided that minimum dimensions shown above are not reduced.
- Substitution of Manhole top Type 7 for Type 8 is allowed if the minimum thickness (h) above pipe opening cannot be maintained with manhole top Type 8.

**DESIGN NOTES**

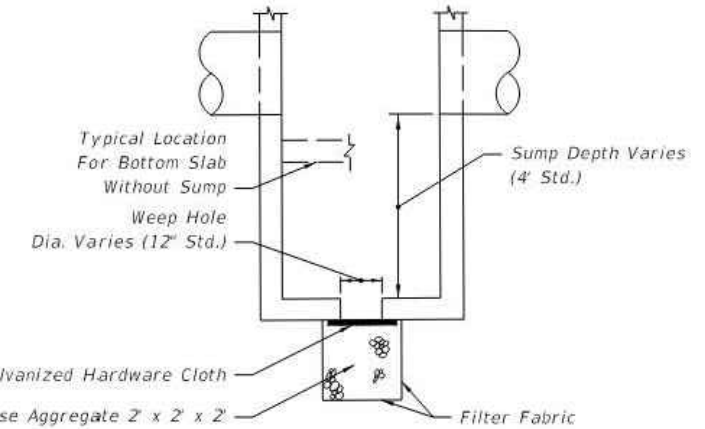
- Manhole top Type 8 should be specified in the plans when depths shown above can be maintained.



**FILTER FABRIC WRAP ON GROUTED PIPE TO STRUCTURE JOINT**

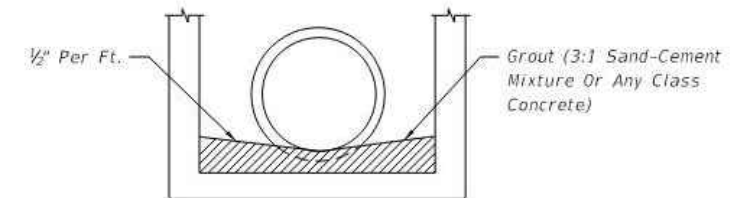


**BRICK OR CONCRETE PRECAST CONCENTRIC CONE TYPE 8 PRECAST ECCENTRIC CONE TYPE 8**

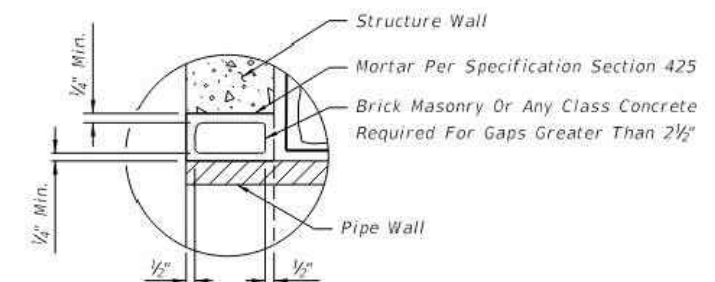


NOTE: Sump bottom appropriate for all manhole and inlet types. Sumps are to be constructed in inlet and manholes connected to French Drains unless excluded in the plans. At other locations, sump is to be constructed only where called for in the plans. Weep holes to be constructed in sump bottom only where called for in the plans. Cost of sump bottom and weep hole to be included in the contract unit price for inlet or manhole.

**SUMP BOTTOM**



**FOR ALL STRUCTURES UNLESS EXCLUDED BY SPECIAL DETAIL ALL PIPE TYPES DRAINAGE STRUCTURE INVERT**



**INSET A**



FY 2020-21  
STANDARD PLANS

SUPPLEMENTARY DETAILS FOR  
MANHOLES AND INLETS

INDEX SHEET  
425-001 2 of 5

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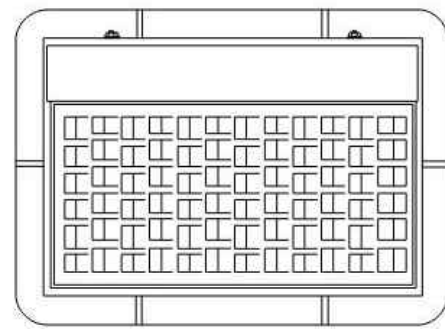
MIAMI SHORES VILLAGE

TYLIN INTERNATIONAL

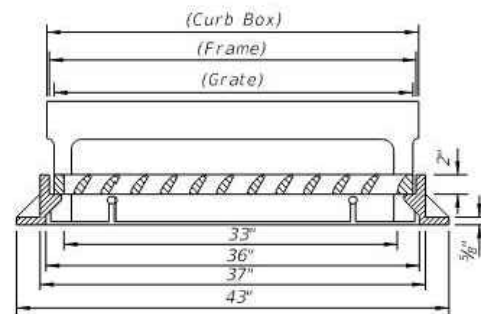
DETAILS

SHEET NO.

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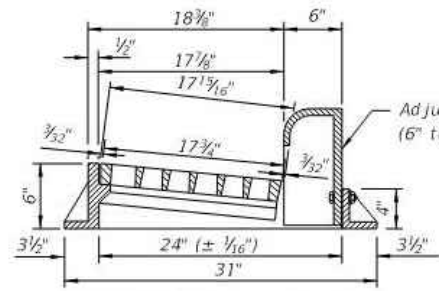
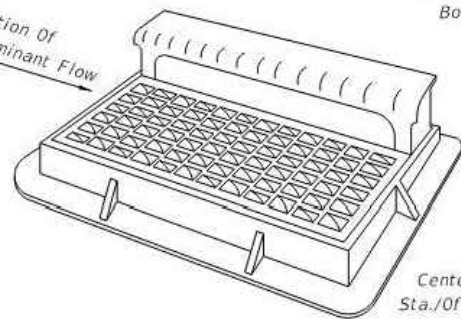


TOP VIEW

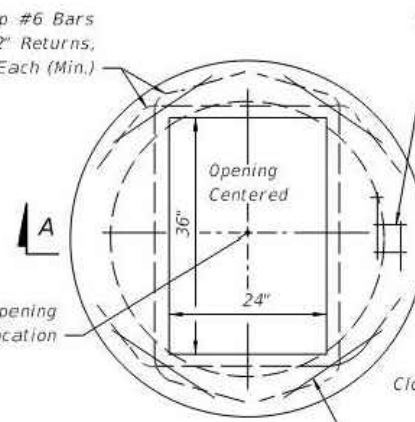


LONGITUDINAL SECTION

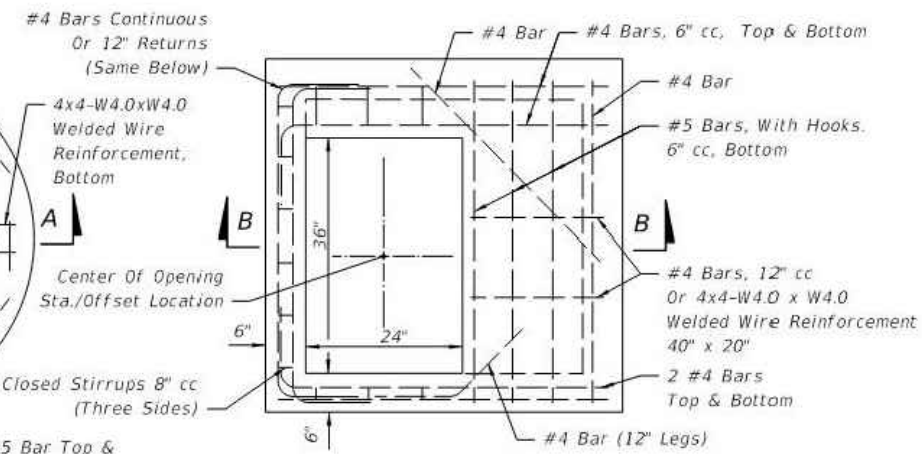
FRAME AND GRATE



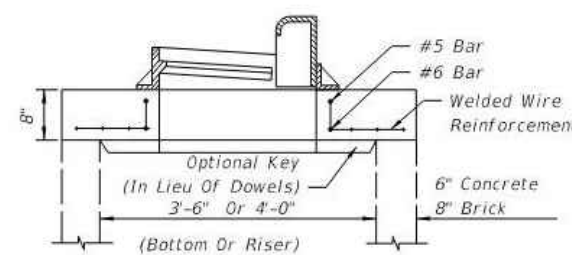
TRANSVERSE SECTION



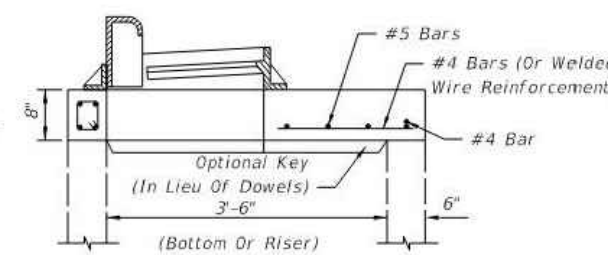
TOP VIEW



TOP VIEW

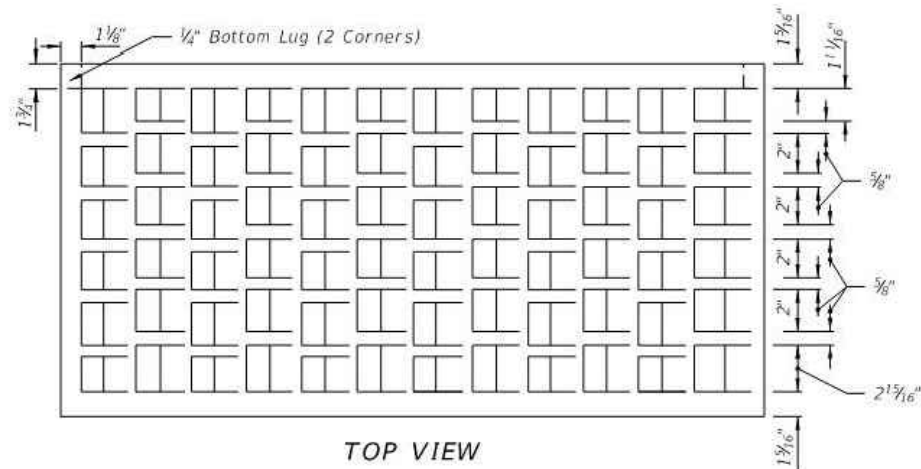


SECTION AA  
(SEE NOTE 6 BELOW)

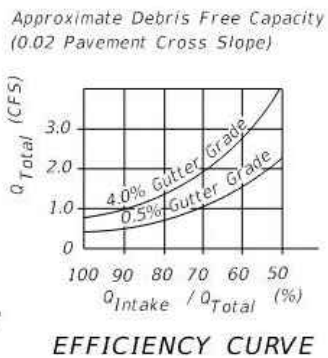


SECTION BB  
(SEE NOTE 6 BELOW)

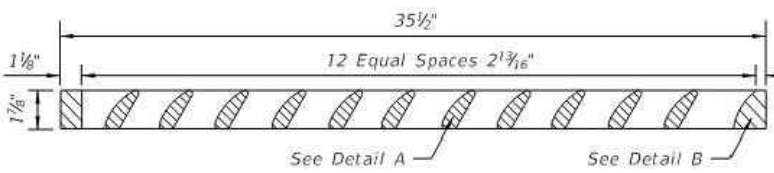
TOP SLABS



TOP VIEW

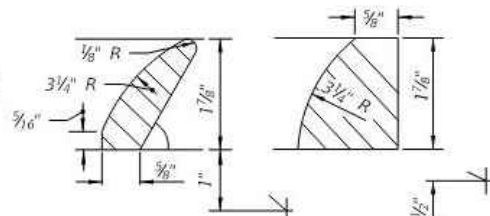


EFFICIENCY CURVE



SECTION

GRATE DETAIL



DETAIL A DETAIL B

GENERAL NOTES

1. This inlet is primarily intended for locations with light to moderate flows where right of way does not permit the use of throated Curb Inlets Types 1 through 6. The typical application is on curb returns to city streets. The inlet grate is suitable for pedestrian and bicycle traffic.
2. This inlet to be located outside of curb ramp area in vertical faced curbs such as Curb and Gutter Type F. Grate shall be oriented with vanes directed toward Predominant Flow.
3. For structure bottoms see Index 425-010. For supplemental details see Index 425-001.
4. All steel in slab tops shall have  $1\frac{1}{4}$ " minimum cover unless otherwise shown. Tops shall be either cast-in-place or precast concrete.
5. For Alternate B applications, top slab openings shall be placed such that 2 edges of inlet frame will be located directly above bottom wall or riser wall.
6. When used on a structure with dimensions larger than those detailed above and risers are not applied, the top slab shall be constructed using Index 425-010 with the slab opening adjusted to 24"x36". The "Special Top Slab" on Index 425-010 is not permitted.
7. Frame may be adjusted with one to six courses of brick.
8. Vaned grates with approximately equal openings will be permitted that satisfy AASHTO HL-93 loading. Grates shall be reversible, right or left.

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MIAMI SHORES VILLAGE

TYLIN INTERNATIONAL

DETAILS

SHEET NO.

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**GENERAL NOTES:**

**1. Cross Slopes and Grades:**

- A. Sidewalk, ramp, and landing slopes (i.e. 0.02, 0.05, and 1:12) shown in this Index are maximums. With approval of the Engineer, provide the minimum feasible slope where the requirements cannot be met.
- B. Landings must have cross-slopes less than or equal to 0.02 in any direction.
- C. Maintain a single longitudinal slope along each side of the curb ramp. Ramp slopes are not required to exceed 15 feet in length.
- D. Joints permitted at the location of Slope Breaks. Otherwise locate joints in accordance with Index 522-001. No joints are permitted within the ramp portion of the Curb Ramp.

**2. Grade Breaks:**

Grade breaks at the top and bottom of ramps must be parallel to each other and perpendicular to the direction of the ramp slope.

**3. Curb, Curb and Gutter and/or Sidewalk:**

- A. Refer to Index 522-001 for concrete thickness and sidewalk details.
- B. Remove any existing curb, curb and gutter, or sidewalk to the nearest joint beyond the curb transition or to the extent that no remaining section is less than 5 feet long.

**4. Curb Ramp Alpha-Identification:**

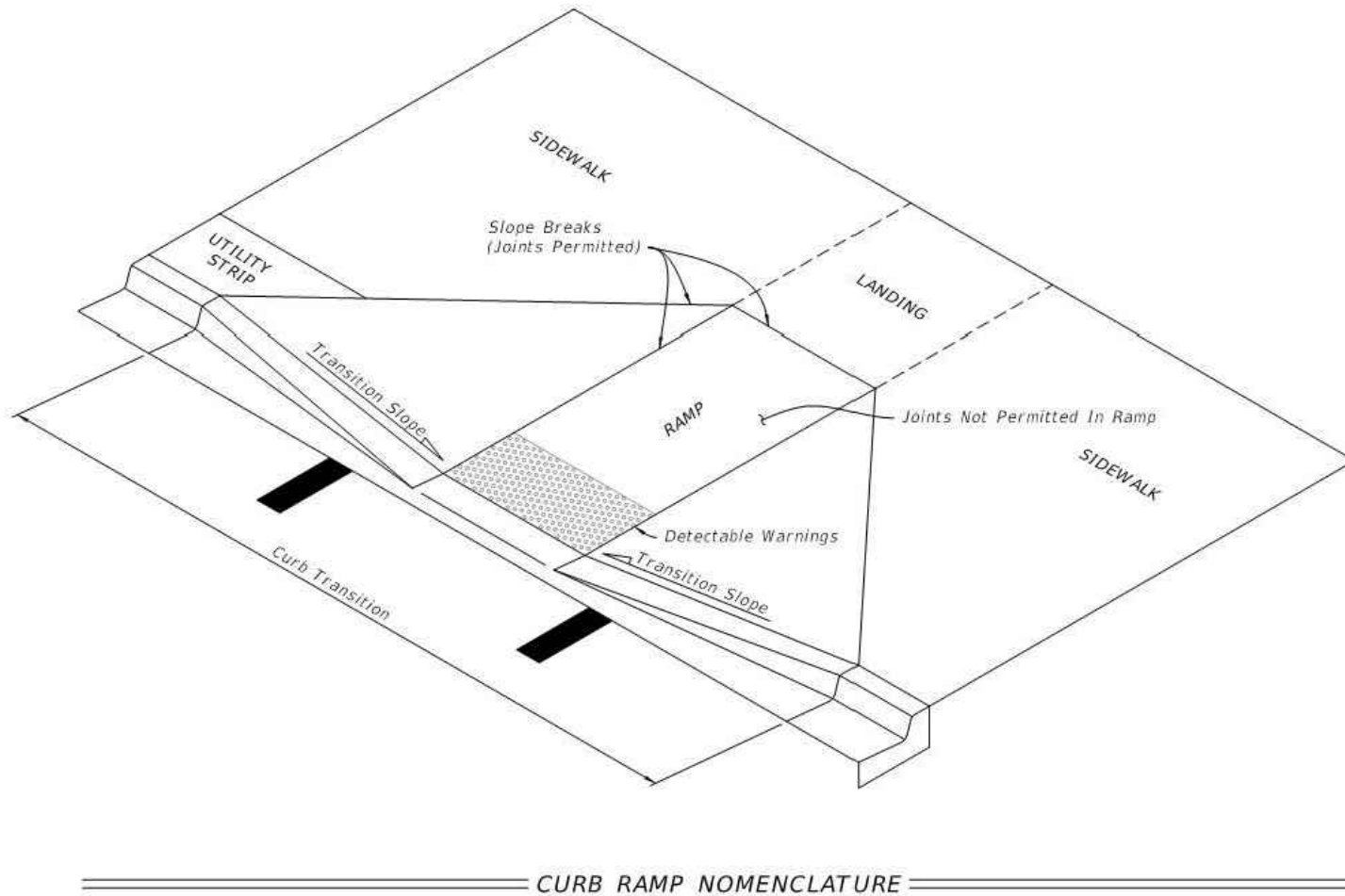
- A. Sidewalk curb ramp alpha-identifications (e.g. CR-A) are provided for reference purposes in the Plans.
- B. Alpha-identifications CR-I and CR-J are intentionally omitted.

**5. Detectable Warnings:**


- A. Install detectable warnings in accordance with Specification 527.
- B. Place detectable warnings across the full width of the ramp or landing, to a minimum depth of 2 feet measured perpendicular to the curb line and no greater than 5 feet from the back of the curb or edge of pavement.
- C. If detectable warnings are shown in the Plans on slopes greater than 5%, align the truncated domes with the centerline of the ramp; otherwise, the truncated domes are not required to be aligned.

**6. Detectable Warnings - Acceptance Criteria:**

- A. Color and texture shall be complete and uniform.
- B. 90% of individual truncated domes shall be in accordance with the Americans with Disabilities Act Standards for Transportation Facilities, Section 705.
- C. There shall be no more than 4 non-compliant domes in any one square foot.
- D. Non-compliant domes shall not be adjacent to other non-compliant domes.
- E. Surfaces shall not deviate more than 0.10" from a true plane.



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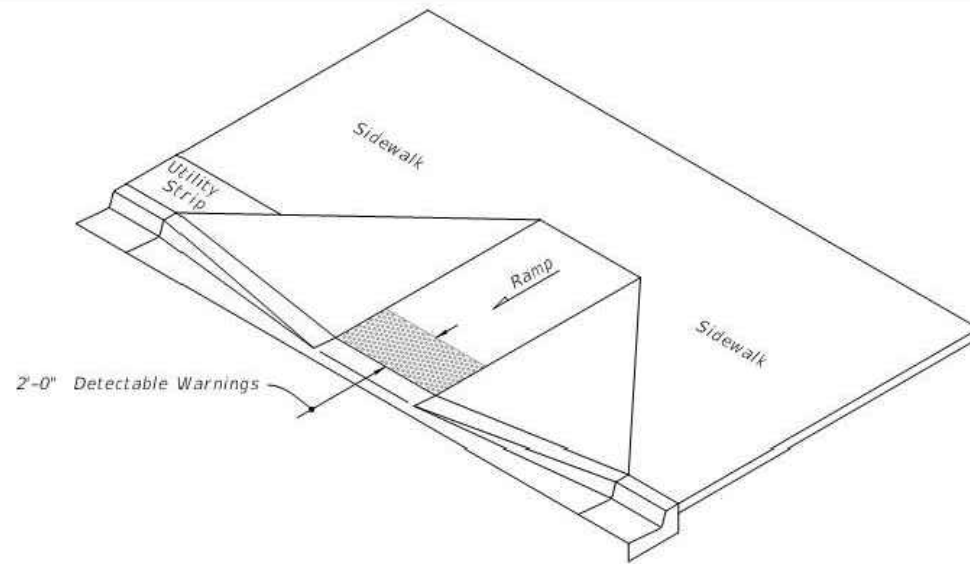


MIAMI SHORES VILLAGE  
**TYLIN**INTERNATIONAL

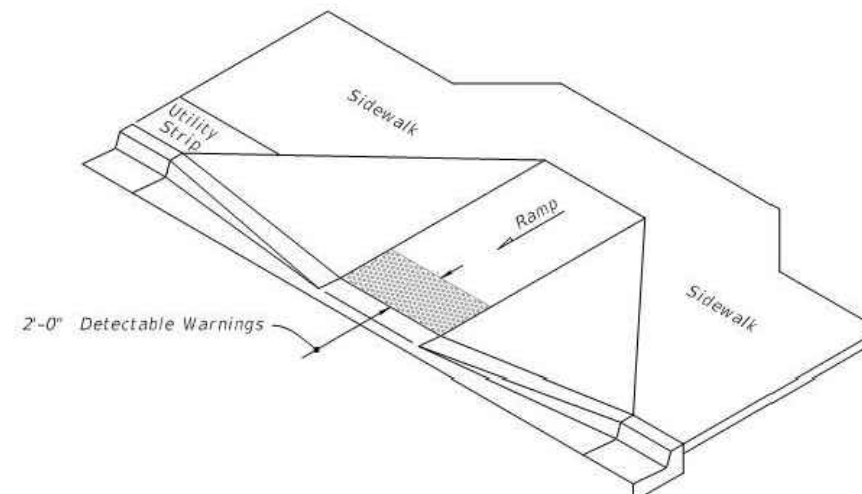
*DETAILS*

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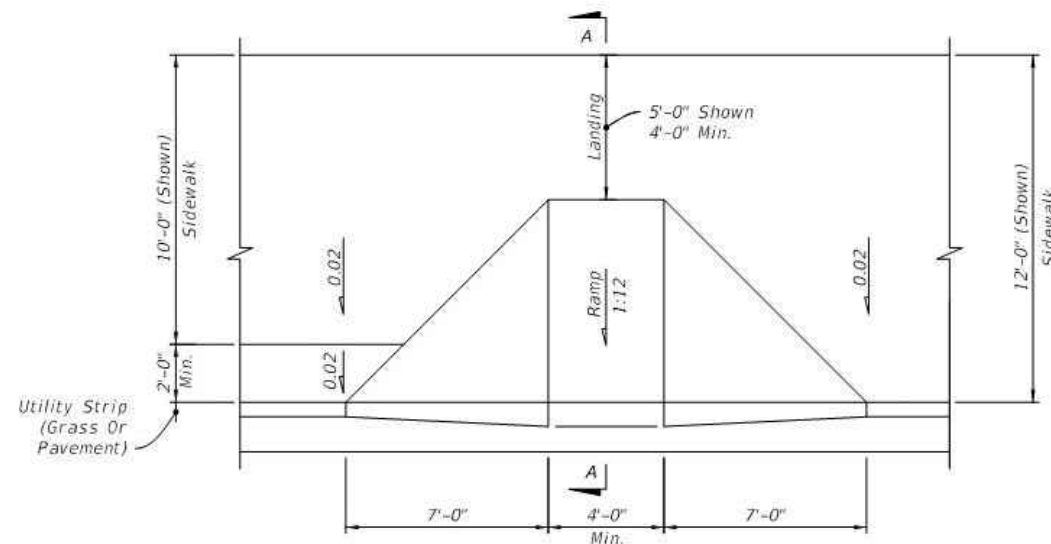
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ISOMETRIC VIEW



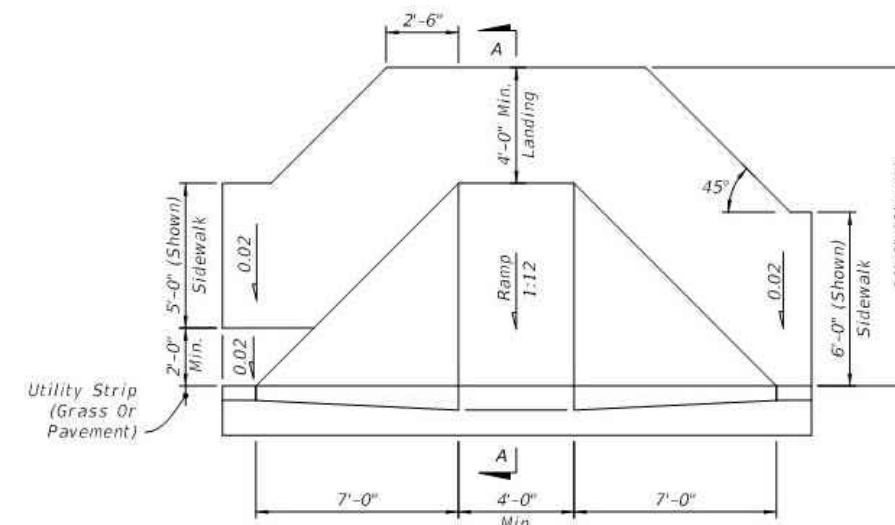
ISOMETRIC VIEW



PLAN VIEW

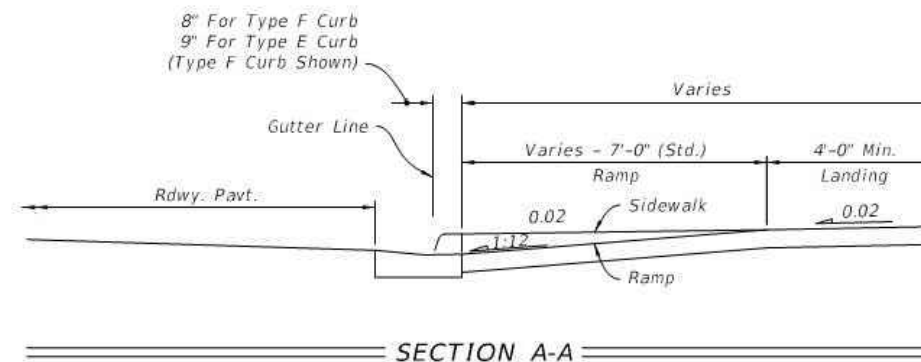
NOTE: For Example of CR-A used in Radial Curb Returns, See Sheet 8.

CR-A



PLAN VIEW

CR-B



SECTION A-A

SIDEWALK CURB RAMPS CR-A AND CR-B

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MIAMI SHORES VILLAGE

TYLIN INTERNATIONAL

DETAILS

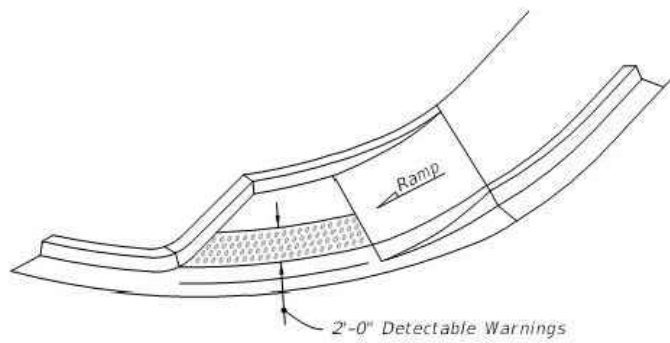
SHEET NO.

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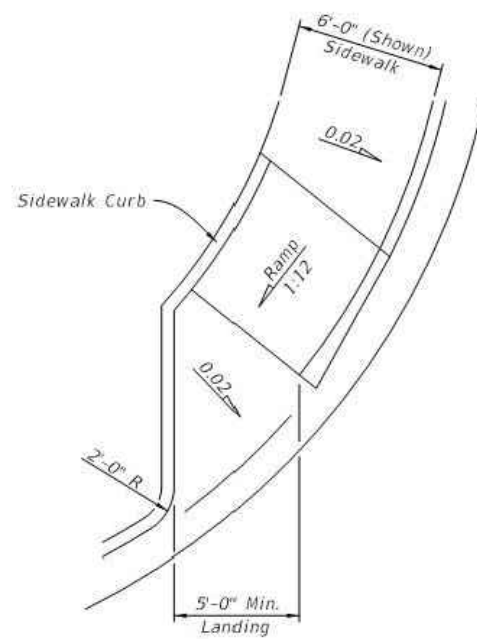
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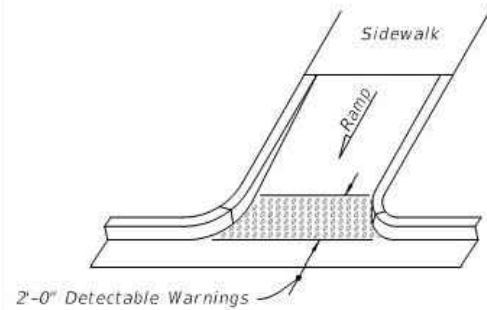


ISOMETRIC VIEW

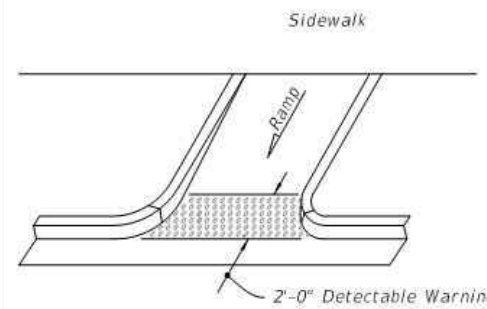


PLAN VIEW

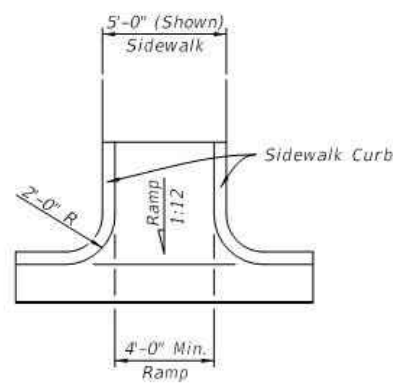
CR-D



OPTION A

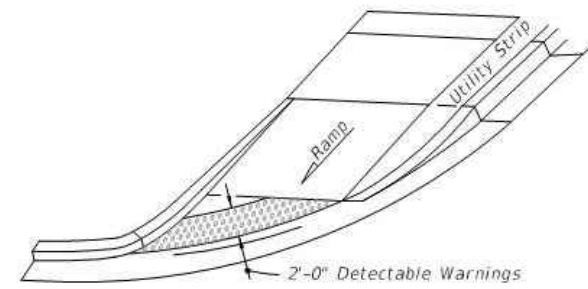


OPTION B  
ISOMETRIC VIEW

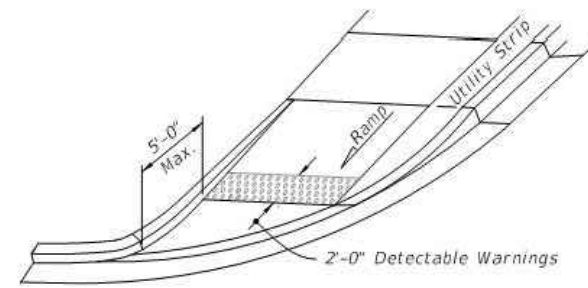


PLAN VIEW

CR-E

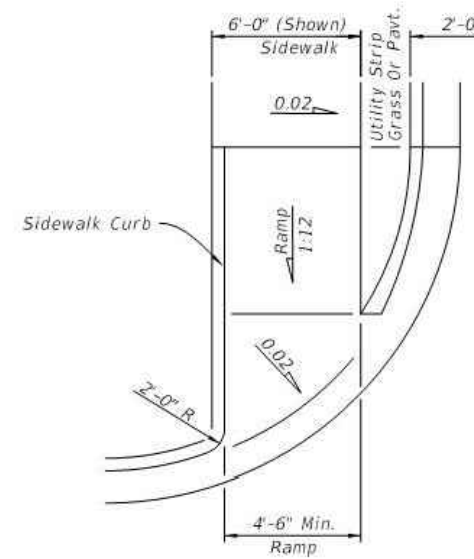


OPTION A



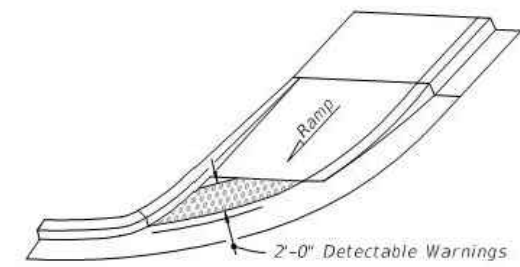
OPTION B

ISOMETRIC VIEW

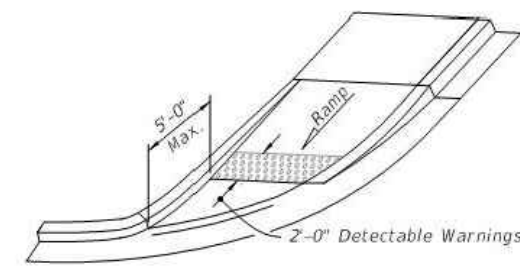


PLAN VIEW

CR-F

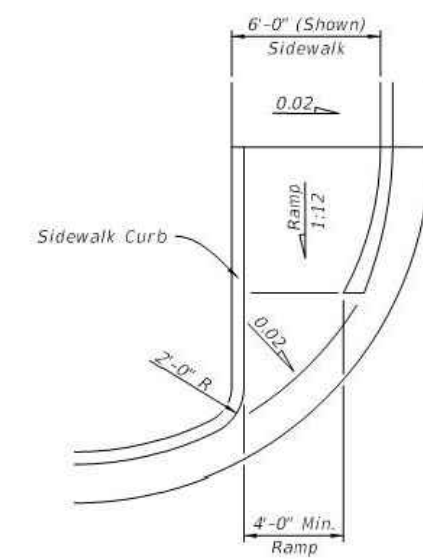


OPTION A



OPTION B

ISOMETRIC VIEW



PLAN VIEW

CR-G

SIDEWALK CURB RAMPS CR-D, CR-E, CR-F & CR-G

LAST REVISION 11/01/18

REVISION DESCRIPTION:



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DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS

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MIAMI SHORES VILLAGE

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DETAILS

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**TRAFFIC CONTROL NOTES:**

**GENERAL NOTES:**

1. 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.
2. REGULATORY SPEED ESTABLISHED WITHIN WORK ZONE TRAVEL WAYS SHALL BE THE EXISTING POSTED SPEED.
3. AS DETERMINED BY THE CONSTRUCTION PROJECT MANAGER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE. COST OF COVERING AND UNCOVERING THE SIGNS SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
4. 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 COVERING OR REMOVING/RELOCATING AND RESTORING THE SIGNS SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
5. 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 INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORMWATER FROM ROADWAYS UTILIZED FOR MAINTAINING TRAFFIC THRU THE WORK ZONE IN A MANNER APPROVED BY THE CONSTRUCTION PROJECT MANAGER. COST FOR REMOVING THE WATER SHALL BE DEEMED INCIDENTAL TO THE PROJECT COST.
7. THE TRAFFIC CONTROL PLAN SHALL COMPLY WITH FDOT INDEX 600 SERIES.
8. ALL WORK SHALL BE PERFORMED DURING DAYTIME ON WEEKDAYS FROM 8:00AM TO 6:00PM (NO INTERRUPTION OF TRAFFIC IS PERMITTED) AND FROM 9:00AM TO 5:00PM ON SATURDAY.
9. CONTRACTOR SHALL NOTIFY LAW ENFORCEMENT AND FIRE PROTECTION SERVICES TWENTY-FOUR (24) HOURS IN ADVANCE OF ANY DETOURS, IN ACCORDANCE WITH SECTION 336.07 OF FLORIDA STATUTES.
10. CONTRACTOR MUST PROVIDE FLASHER ARROW BOARD FOR ANY LANE THAT IS CLOSED OR DIVERTED
11. A SEPARATE VILLAGE OF MIAMI SHORES PUBLIC WORKS MAINTENANCE OF TRAFFIC PERMIT SHALL BE REQUIRED PRIOR TO CONSTRUCTION.
12. SUITABLE ACCESS TO PRIVATE PROPERTY SHALL BE PROVIDED AT ALL TIMES.
13. CONTRACTOR SHALL CONTACT MIAMI DADE TRANSIT (MDT) AND REQUEST A SPOTTER FOR ANY WORK WITHIN 30' OF ANY MDT FACILITY. THE COST OF THIS SHALL BE INCLUDED IN PAY ITEM 102-1, "MAINTENANCE OF TRAFFIC".

**DROP OFFS:**

1. THE CONTRACTOR SHALL PROTECT THE WORK ZONE WITH DEVICES APPROVED BY THE VILLAGE OF MIAMI SHORES PUBLIC WORKS WHEN DROP OFFS EXCEED 3" ADJACENT TO TRAVEL WAYS.

**MARKINGS:**

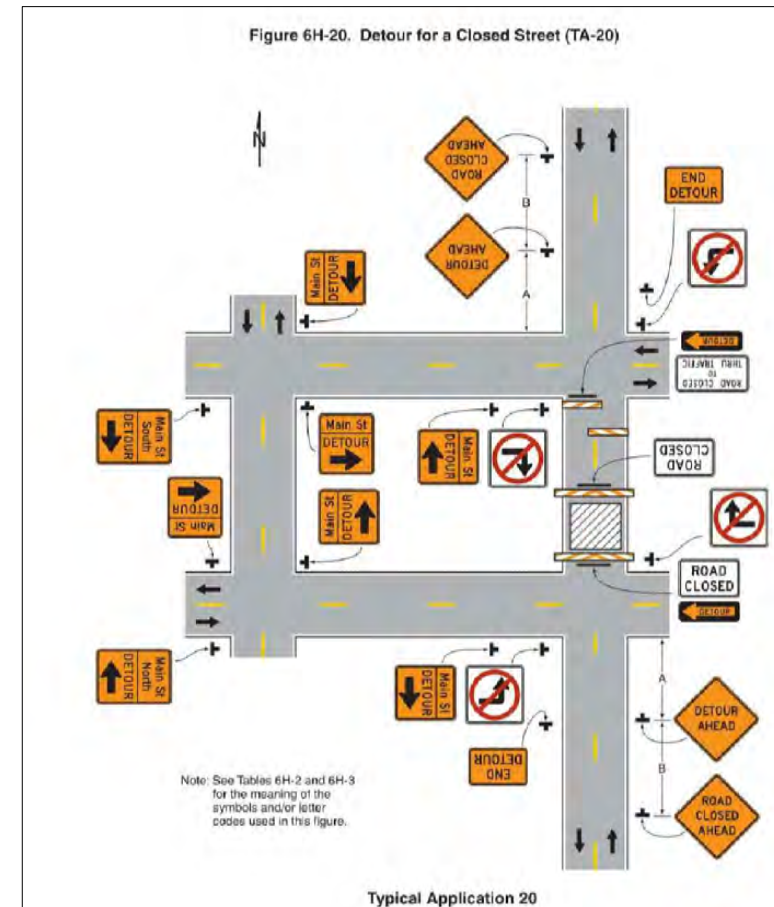
1. THE CONTRACTOR SHALL REMOVE ANY EXISTING OR TEMPORARY PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. GRINDING OR MILLING WITHOUT ASPHALT OVERLAY SHALL ONLY BE PERMITTED IN NON-TRAFFIC AREAS AS DESIGNATED BY THE CONSTRUCTION PROJECT MANAGER. PAVEMENT MARKINGS SHALL BE REPLACED AT THE TIME TRAFFIC CONTROL PLANS ARE NO LONGER AFFECTED BY THEIR PLACEMENT. COST OF REMOVAL AND REPLACEMENT OF PAVEMENT MARKINGS SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT. USE OF BLACK PAINT TO COVER EXISTING AND/OR TEMPORARY PAVEMENT MARKINGS IS PROHIBITED.
2. TEMPORARY PAVEMENT MARKING SHALL BE PAINT.

**WORK ZONE LIMITS:**

1. THE LENGTH OF AN OPEN TRENCH, ALONG NE 96th STREET, SHALL NOT EXCEED 500 FEET. PROPERTY ACCESS SHALL BE MAINTAINED AT ALL TIMES.

**PEDESTRIANS, BICYCLES, AND WHEELCHAIRS:**

1. AT THE END OF EACH WORK DAY OR WHENEVER THE WORK ZONE BECOMES INACTIVE, ANY DROP OFF ADJACENT TO THE PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAVEL PATHS SHALL BE BACKFILLED FLUSH WITH THE SAID PATHS OR PROTECTED WITH BARRICADES, TEMPORARY CONCRETE BARRIER WALL, OR APPROVED HANDRAIL. COST OF BACKFILLING DROP OFF SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.
2. PEDESTRIAN, BICYCLE, AND WHEELCHAIR TRAFFIC SHALL BE MAINTAINED AND GUIDED USING APPROVED WARNING LIGHTS, SIGNING, AND CHANNELIZATION DEVICES ON AT LEAST ONE SIDE OF THE PROJECT AT ALL TIMES THROUGHOUT THE PROJECT LIMITS. THE TRAVEL PATH SHALL BE A MINIMUM OF 4 FEET WIDE WITH A SMOOTH SURFACE THAT IS NOT SLICK AND IT SHOULD BE RAMPED AS NECESSARY FOR CONTINUITY. COST TO CONSTRUCT AND MAINTAIN THE TRAVEL PATH AS REQUIRED SHALL BE INCIDENTAL TO THE PROJECT AT NO ADDITIONAL COST TO THE CONTRACT.



**Notes for Figure 6H-20—Typical Application 20  
Detour for a Closed Street**

**Guidance:**

1. This plan should be used for streets without posted route numbers.
2. On multi-lane streets, Detour signs with an Advance Turn Arrow should be used in advance of a turn.

**Option:**

3. Flashing warning lights and/or flags may be used to call attention to the advance warning signs.
4. Flashing warning lights may be used on Type 3 Barricades.
5. Detour signs may be located on the far side of intersections. A Detour sign with an advance arrow may be used in advance of a turn.
6. A Street Name sign may be mounted with the Detour sign. The Street Name sign may be either white on green or black on orange.



**Standard:**

7. When used, the Street Name sign shall be placed above the Detour sign.

**Support:**

8. See Figure 6H-9 for the information for detouring a numbered highway.

*DETOUR FOR A CLOSED STREET (TA-20)*  
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			FRANCISCO J. ALONSO, P.E. P.E. LICENSE NUMBER 66918 TYLIN INTERNATIONAL 201 ALHAMBRA CIR. CORAL GABLES, FLORIDA 33134 CERTIFICATE OF AUTHORIZATION ----	 MIAMI SHORES VILLAGE  	<b>MAINTENANCE OF TRAFFIC</b>	SHEET NO.  46
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