



FPID #430029-2-21-01

ETDM No. 14413



**Atlantic Isle at West of SR A1A  
Bridge No. 874218  
Project Development and Environment Study**

# Draft Utility Assessment Package

**FDOT District Six**  
1000 NW 111th Avenue  
Miami, Florida 33172

Atlantic Isle Bridge (Bridge No. 874218)  
Atlantic Avenue, Sunny Isles Beach, FL  
Miami-Dade County, FL

February 2023



The environmental review, consultation, and other actions required by applicable federal environmental laws for this project are being, or have been, carried out by the Florida Department of Transportation (FDOT) pursuant to 23 U.S.C. § 327 and a Memorandum of Understanding dated May 26, 2022, and executed by the Federal Highway Administration and FDOT.

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UTILITY ASSESSMENT PACKAGE

Florida Department of Transportation

District Six

Atlantic Isle at West of SR A1A, Bridge No. 874218

Atlantic Avenue, 0.25 miles west of SR A1A

Miami-Dade County, Florida

Financial Management Number: 430029-2-21-01

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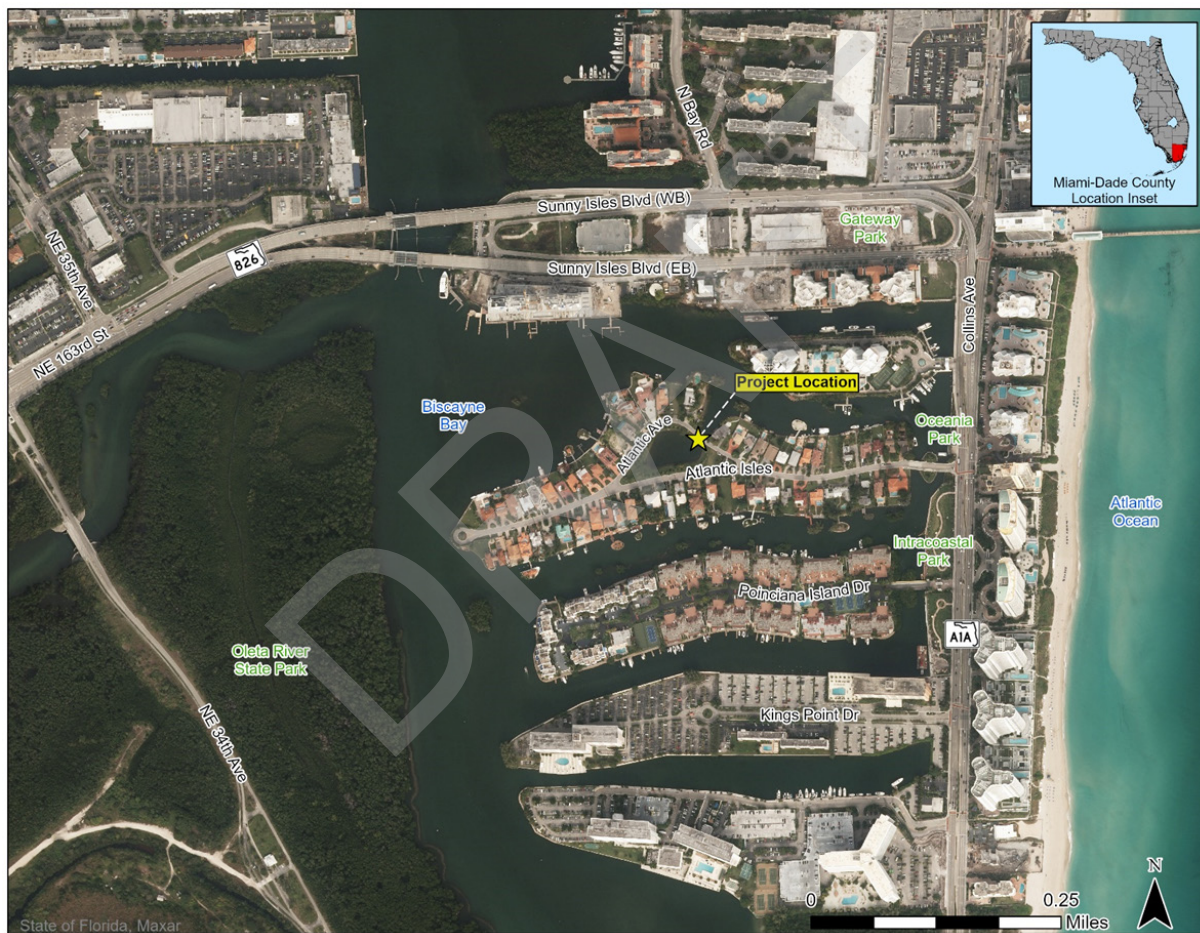
## ACRONYMS AND ABBREVIATIONS

BE	Buried Electric
BFO	Buried Fiber Optic
C	combination truck
CIP	cast-in-place
DIP	ductile iron pipe
ETDM	Efficient Transportation Decision Making
ft <sup>2</sup>	square feet
FDOT	Florida Department of Transportation
NRHP	National Register of Historic Places
PD&E	Project Development and Environment
PS	pump station
PVC	polyvinyl chloride
ROW	Right-of-way
SR	State Road
SU	single unit
UAO	Utility Agency Owner
USC	United States Code
WM	Water Main

## 1.0 PROJECT SUMMARY

### 1.1 PROJECT BACKGROUND AND DESCRIPTION

The Florida Department of Transportation (FDOT) is conducting a Project Development and Environment (PD&E) Study (FM No. 430029-2-21-01) for Atlantic Isle Bridge (Bridge No. 874218). The Atlantic Isle Bridge is a historic bridge located on Atlantic Island just west of State Road (SR) A1A (Collins Avenue), within the City of Sunny Isles Beach in Miami-Dade County, Florida. Figure 1-1 presents the Project Location Map. The bridge was designated as a historic site on January 19, 1984, by the Dade County Preservation Board and redesignated by the City of Sunny Isles Beach on July 14, 2005. The bridge was designated as eligible for listing in the National Register of Historic Places (NRHP) by the State Historic Preservation Office in 2013.



**Figure 1-1. Project Location Map**

The Atlantic Isle Bridge was constructed circa 1925 as a low-level, closed, spandrel, filled, cast-in-place (CIP) reinforced concrete arch. The façade of the arch is covered with a coquina or oolitic limestone (coral rock) rubble. The oolitic limestone was quarried in southern Miami-Dade County, giving the bridge historic significance. Because of the bridge's age and exposure to the harsh marine environment, it has structural deficiencies. The bridge is also functionally obsolete and has substandard traffic barriers and roadway geometry. This PD&E Study evaluates bridge alternatives that address the Atlantic Isle Bridge's structural deficiencies and functional obsolescence.

In September 2016, FDOT finalized the *Atlantic Isle Lagoon Bridge Proof of Concept Report*, which summarized a feasibility study to identify bridge rehabilitation alternatives that could preserve the service life of the bridge. The Proof of Concept Report documented the evaluation of several alternatives to rehabilitate the bridge, which included reusing the existing concrete arch, replacing the existing arch with a new CIP reinforced concrete arch, reconstructing the existing bridge with a new precast concrete structure, and preserving the existing bridge with minor repairs but without any bridge rehabilitation. Subsequently, FDOT prepared the *Atlantic Isle Bridge Rehabilitation Technical Memorandum* in May 2018 to address a rehabilitation option for the bridge. FDOT then prepared rehabilitation design plans based on the recommendation to reuse the existing concrete arch. The location of foundations was coordinated with the FDOT District 6 geotechnical and maintenance staff. Results from borings and excavations at the bridge approaches were not conclusive, and excavation of both approaches was required to complete the rehabilitation design plans. Because excavation of the bridge approaches could have an adverse effect on the bridge, FDOT discontinued the bridge rehabilitation design until further study of a range of alternatives could be analyzed for environmental effects. Subsequently, FDOT initiated this PD&E Study in September 2020 to fully evaluate impacts of all feasible alternatives. Prior to the initiation of this PD&E Study, an Advance Notification Package was distributed on October 23, 2019. The Efficient Transportation Decision Making (ETDM) Programming Screen (Project No. 14413) was completed in February 2020.

The Atlantic Isle Bridge is a one-way, low-level fixed bridge located along Atlantic Avenue on the north side of the Atlantic Isle Lagoon, approximately 0.25 miles west of SR A1A. The project study area (Figure 1-2) includes Atlantic Avenue and Atlantic Isles between the western and eastern intersections of the two roadways. The project study area is within the historic triangular landscape of the Atlantic Island Park (Florida Master Site File No. 8DA6433), which is both privately and publicly owned, and further includes an artificial lake, Lake of the Isles (8DA15824), which is historically known as Atlantic Isle Lagoon. Built circa 1925, Atlantic Isle Lagoon and Atlantic Island Park are also NRHP eligible.

The Atlantic Isle Bridge spans approximately 43 feet over a narrow channel between Atlantic Isle Lagoon and Biscayne Bay. Within the project study area, Atlantic Avenue is approximately 0.25 mile in length and 16 feet wide. The posted speed limit on Atlantic Avenue is 20 miles per hour (mph). It is a one lane, one-way, eastbound, undivided roadway that serves residential traffic and service vehicles. Atlantic Isles, on the south side of the Atlantic Isle Lagoon, is a two-way, 16-foot-wide, east-west residential roadway that intersects with each end of Atlantic Avenue. The posted speed limit on this roadway is 20 mph.

The typical section of the bridge is approximately 20 feet wide with one 10-foot-wide travel lane in the center of the bridge. The remaining 10 feet of the bridge section consists of a planter easement, curb, and barrier wall on each side. Bicyclists and pedestrians must share the 10-foot-wide travel lane with vehicles to cross the bridge as no sidewalks are provided on the existing facility. Approximately 14 residences along Atlantic Avenue use the bridge for access. The roadways on Atlantic Island are owned and operated by the City of Sunny Isles Beach; however, FDOT maintains the island bridges, including the Atlantic Isle Bridge.

Because of the continued deterioration of the bridge, the bridge has a posted weight restriction for single-unit (SU) and combination (C) trucks at 12 tons and 21 tons, respectively. The bridge is open to vehicular traffic that meets these weight restrictions. The Atlantic Avenue roadway typical section east and west of the bridge consists of 16 feet of pavement used by one-way traffic with curb and gutter on the outside.

The PD&E Study evaluates a range of alternatives to address the purpose and need for the project, including rehabilitation, replacement, and no-build options for the bridge. The No-Action Alternative is evaluated throughout the PD&E Study as a basis for comparison to the viable alternatives. The project goals include minimizing environmental impacts and effects to significant cultural resources, enhancing safety, and improving mobility. This PD&E Study analyzes the potential infrastructure improvements, including the proposed bridge structure, roadway approaches to the bridge, temporary roadway widening during construction, roadway connectivity to existing land uses, the stormwater management facilities, and pedestrian and bicycle accommodations.



Figure 1-2. Project Study Area

## 1.2 PURPOSE AND NEED

The purpose of the project is to address the structural and functional deficiencies of the existing bridge to provide a safe and usable route for the surrounding community and traveling public. According to a bridge inspection conducted on September 17, 2021, the Atlantic Isle Bridge has been determined to be 'Functionally Obsolete', with a Sufficiency Rating of 40.9 and a Health Index of 60.39. The Sufficiency Rating and Health Index values vary from 0 (worst) to 100 (best). Existing functional deficiencies observed during the bridge inspection include substandard traffic barriers, multi-directional cracks in the asphalt overlay, and missing oolitic limestone (coral rock) on some areas of the north face of the arch. The southwest corner along the underside edge and the south side of the arch have spalls and delamination with exposed steel and areas of corrosion stains throughout the length of the arch along the fallen coral rock. In addition, the arch underside has a core hole at the center of the mid-span and exhibits delamination at random locations.

The bridge also has weight restrictions and limitations with an existing Bridge Load Posting Sign for single unit (SU) and Class 1 Trucks at 12 Tons and 21 Tons, respectively. The load posting on the bridge poses an issue for the residents along Atlantic Avenue because garbage trucks, as well as trucks transporting concrete, building materials/demolition debris, and other urban goods, may be heavier than the bridge loading allows. As such, trucks are restricted to smaller loads when crossing the bridge and are forced to make several trips to transport freight, which adds unnecessary truck traffic to the surrounding roadway network. In some cases, fire trucks, emergency vehicles, delivery or moving vans, and construction vehicles also exceed the posted bridge load limit. Overweight vehicles accessing the properties along Atlantic

Avenue must complete a crossover requiring special procedures, such as the use of flagging staff to proceed. Given these conditions, the existing bridge does not meet the current transportation needs of the community.

### 1.3 REPORT PURPOSE

As defined in FDOT's *Utility Accommodation Manual* (FDOT 2017), a utility is all active, deactivated, or out-of-service electric transmission lines, telephone lines, telegraph lines, other communication services lines, pole lines, ditches, sewers, water mains, heat mains, gas mains, pipelines, gasoline tanks, and pumps owned by the Utility Agency Owner (UAO). Conflicts with utilities affect both the cost and schedule of a project, and also have the ability to influence the selection of the Preferred Alternative. FDOT must consider the potential for encountering utilities within the limits of the project, including associated pond sites and other offsite improvements. Identification of utilities within the project area is included in this Utility Assessment Package. The information can be used to avoid major utility conflicts and in choosing alternatives to carry forward. The goal of this effort is to assist with the development of concept plans that avoid conflicts with major utility facilities. While it is important to determine all utility facilities within the study limits, the focus is to identify the utility facilities that could a) impact development of the Preferred Alternative, b) entail lengthy or drawn-out coordination efforts, c) be cost-prohibitive to relocate, or d) rise beyond the level of ordinary utility coordination.

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## 2.0 METHODOLOGY

The process to discover utilities during the PD&E phase consisted of three stages: PD&E Request Package, UAO Coordination, and Utility Assessment Package.

The PD&E Request Package consisted of the concept plans overlaid on an aerial background. A request was made for each UAO to provide information for above- and below-ground utility facilities within the PD&E project area for both existing and planned utility facilities. Also included was a request that each UAO provide information pertaining to any existing easements or other property interests that may be affected by the project. The contacted UAOs were requested to review the concept plans and identify their major utility facilities and other obstructions or encroachments within or adjacent to the project. Refer to Appendix A for the latest concept plans and Appendix B for a sample of the request letter sent to each UAO.

Each UAO was to identify both existing and planned utility installations in, or adjacent to, the project limits. The UAOs were requested to respond in writing and delineate their facilities and any property interests on the concept plans, in accordance with Chapter 14-46, Florida Administrative Code and the UAM.

The UAO Coordination stage included meetings with the UAOs to discuss utility impacts related to the project alternatives. The meetings included discussions for timelines for new installations (none identified) or relocations that are anticipated to be unavoidable, potential relocation costs, any easements or property interests that could be affected. The information provided by the UAOs were used in preparing this Utility Assessment Package.

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## 3.0 ALTERNATIVES ANALYSIS

The alternatives analysis process included developing, evaluating, and screening potential alternatives based on the project's purpose and need and other evaluation criteria. The No-Action Alternative will be analyzed throughout the PD&E Study. Alternatives that did not meet the project's purpose and need were not considered viable and were eliminated from detailed consideration. Initial alternatives that were not eliminated were carried forward as viable alternatives (Build Alternatives). The Build Alternatives were further refined and presented for public input at the Alternatives Public Information Workshop on June 23, 2022. Each of the Build Alternatives analyzed both the proposed bridge improvements as well as improvements to Atlantic Avenue. Refer to the project's Preliminary Engineering Report for further details on all alternatives considered.

The following evaluation criteria were used to screen the alternatives considered and to identify alternatives for detailed study:

- Reasonable expectation of serving community needs identified in the project purpose and need
- Degree to which each alternative meets the project purpose and need
- Consideration of future safety and operational problems
- Constructability
- Magnitude of adverse impacts to natural, social, cultural, and physical environmental resources after consideration of reasonable mitigation
- Right-of-way impacts
- Cost feasibility based on construction, maintenance, and operational costs

### 3.1 VIABLE ALTERNATIVES

#### 3.1.1 No-Action Alternative

The No-Action Alternative maintains the existing bridge and roadway approaches in their existing condition and includes no rehabilitation of the existing bridge superstructure or substructure. The No-Action Alternative involves minor maintenance repairs in an attempt to extend the functional use of the bridge as recommended by routine bridge inspections until future inspections require reduced loading capacity or bridge closure. In the existing condition, the bridge is functionally obsolete. The bridge rating is below a sufficiency rating of 50, making it eligible for replacement per Federal Highway Administration policy. The bridge is nearing the end of its service life and displays exposed rebar and multiple instances of cracking, delamination, and spalls, which vary in size and severity on the soffit and sides of the bridge. The exterior oolitic-limestone-covered walls also show cracks up to 1 inch wide. The posted weight restrictions would be maintained in the No-Action Alternative and increased as needed based on future maintenance inspections. In the No-Action Alternative, emergency vehicles, larger delivery and moving vans, and heavy vehicles will continue to be prohibited to cross the bridge.

The remaining service life of the bridge is unknown because of the age of the structure (approximately 95 years), and the bridge will continue to deteriorate even with routine maintenance. Similarly, the aesthetic appearance (oolitic limestone) will continue to deteriorate. The No-Action Alternative does not address the bridge structural and functional deficiencies. The No-Action Alternative remains as an alternative throughout the PD&E Study to provide a baseline for comparison to the Build Alternatives.

### 3.1.2 Build Alternative 1: Bridge Rehabilitation Alternative

This alternative involves rehabilitation of the existing bridge superstructure, providing a new CIP reinforced concrete arch structure, and maintaining one-way travel on the bridge. The existing bridge typical section, roadway width, and vertical roadway geometry would be maintained. The proposed concrete arch would provide a new load-carrying structure within the limits of the existing bridge. The proposed arch would extend beyond the ends of the existing concrete arch by approximately 5 feet at each end of the bridge.

A geotechnical investigation was performed as part of this PD&E Study and documented in the project's *Preliminary Report of a Geotechnical Exploration – Structures (Revision 2)* dated March 10, 2021 (FDOT 2021). The investigation's primary objective was to determine the size and type of the existing foundations. The results of the investigation regarding the bridge foundations were inconclusive. The bridge has since been classified as an unknown foundations bridge. Because of the age, unknown size, and type of the existing bridge foundations, this alternative is anticipated to require the new arch structure to be supported on new deep foundations. The new foundations would be constructed near the existing bridge foundations and likely would likely consist of driven concrete or steel piles or reinforced-concrete-drilled shafts.

The rehabilitation alternative does not address the bridge's functional deficiencies (substandard traffic barriers) because that would require removal and replacement of the arch spandrel walls, which could compromise the integrity of the already deteriorating bridge. The existing roadway limerock base and pavement would be removed and replaced with a concrete riding surface provided by the new arch structure. With the bridge rehabilitation, one-way travel on the bridge would be maintained. The rehabilitated bridge typical section would remain as is, consisting of a single 10-foot-wide travel lane, 8-inch-wide curbs, 2.5-foot-wide planter easements, and 1-foot 10-inch-wide barriers on each side of the bridge. Figure 2-1 presents the proposed typical section.

Although this alternative maintains the bridge in the existing alignment, the exterior limestone façade will continue to require repairs as the bridge exterior continues to deteriorate. Also note that construction activities to accomplish the rehabilitation pose risks to the existing bridge, including damage to the architectural façade and potential further damage to the structure.

Based on preliminary geotechnical analysis, deep foundations for the bridge rehabilitation would likely consist of driven concrete piles or reinforced-concrete-drilled shafts. Based on the Preferred Alternative for this PD&E Study, the bridge foundation type would be determined during the design phase and documented in a Bridge Development Report. For the bridge rehabilitation, temporary closure of the bridge would be required during construction.

### 3.1.3 Build Alternative 2: Bridge Replacement

Build Alternative 2 consists of replacing the existing bridge with a new precast concrete or CIP structure. An arch structure is proposed to retain the aesthetic form of the existing historical bridge. The proposed typical section would accommodate one 10-foot-wide travel lane, one 8-foot-wide shared-use path, two 3-foot-wide shoulders, one 36-inch-tall single slope traffic railing on the west (FDOT Standard Plan 521-427), one 42-inch-tall vertical traffic railing (FDOT Standard Plan 521-422), and architectural façade on both sides of the bridge, for an overall width of 27 feet, 3 inches. Figure 2-2 presents the proposed typical section for Build Alternative 2. A CIP replacement bridge would have similar aesthetics and form.

Limestone rock fill with roadway pavement will be placed on top of the new arch structure. New approach retaining walls will replace the existing retaining walls. A new rubble oolitic limestone façade would be placed along the exterior faces of the vertical shape barriers and retaining walls to mimic the existing structure. The limestone could be obtained from the same source used to construct the original bridge, or the limestone from the existing bridge could be reused and incorporated into the new bridge. New bridge approach slabs are anticipated and would be the standard length of 30 feet (FDOT Standard Plan 400-090) at both ends.

The replacement bridge substructure alternatives to support the new reinforced concrete arch include spread footings, steel pile, prestressed concrete piles, auger cast piles, and drilled shafts. Based on the

available information to date, site conditions, and coordination with the project geotechnical engineer, drilled shafts are anticipated to be the foundation type for the proposed bridge. Because of the site constraints and subsurface soil conditions, permanent casing and rock socketing is anticipated for drilled shaft construction. Based on the Preferred Alternative for this PD&E Study, the bridge foundation type would be determined during the design phase and documented in a Bridge Development Report.

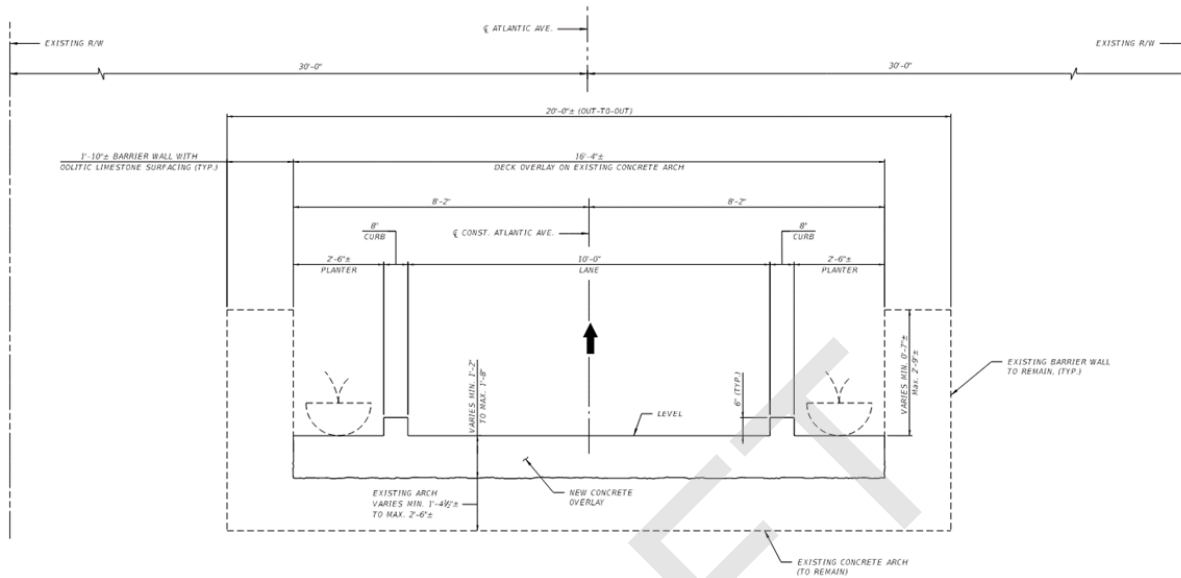


Figure 3-1. Bridge Rehabilitation Proposed Typical Section – Build Alternative 1

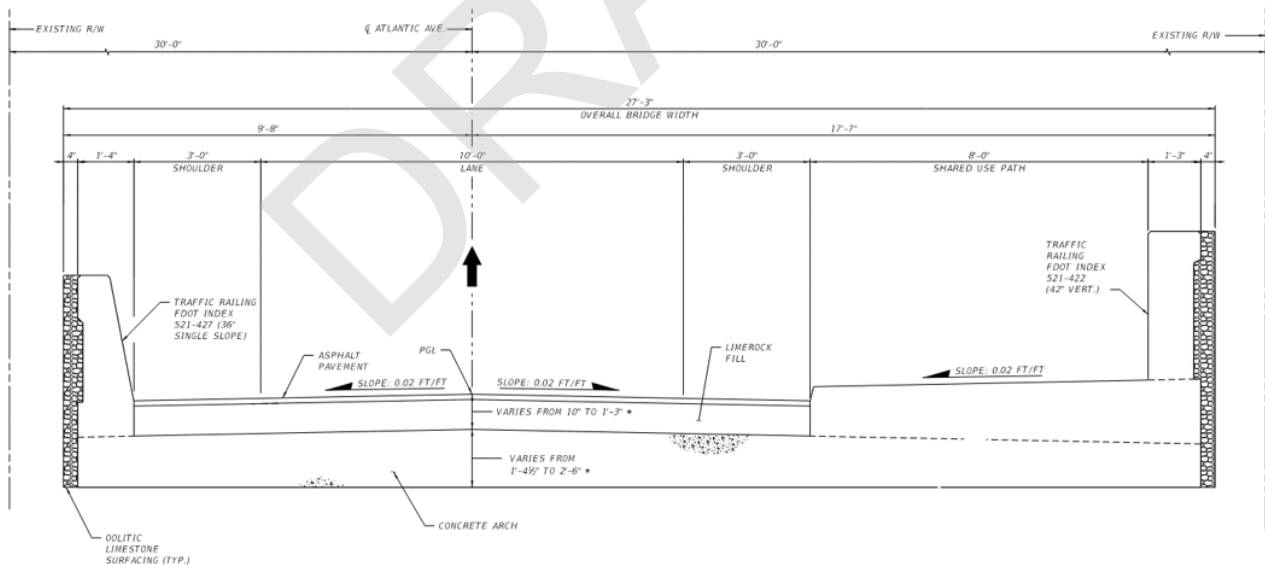
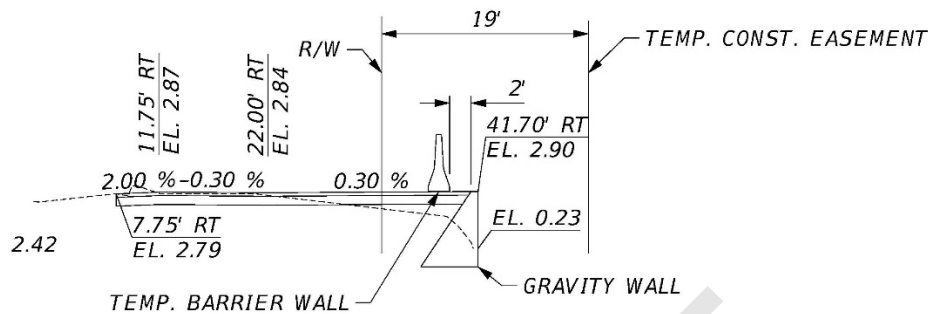


Figure 3-2. Bridge Replacement Typical Section – Build Alternative 2

### 3.1.4 Maintenance of Traffic

Both Build Alternatives involve consideration of maintenance of traffic during construction. Temporary roadway widening for both Build Alternatives is required to maintain two-way access along Atlantic Avenue west of the bridge during construction. For these alternatives, a temporary roadway turnout is proposed

west of the bridge to accommodate turn-around traffic. The temporary turnout would require temporary walls for both Build Alternatives. Either gravity or sheet pile wall-types would be required. All wall options would require excavation of the soil or installation via driving or vibratory methods near the waterline of the Atlantic Isle Lagoon. For both alternatives, the wall is considered temporary and could be removed following completion of the bridge construction work and elimination of the temporary turnouts. Figure 2-3 illustrates the potential roadway section through the gravity wall limits.



**Figure 3-3. Roadway Section through Gravity Wall Limits**

### 3.1.5 Right-of-Way Considerations

For both Build Alternatives, the proposed improvements would be constructed within the existing right-of-way (ROW). However, to accommodate temporary bi-directional access during construction, Atlantic Avenue would require widening, and additional temporary construction easement at the turnout locations would be needed (refer to the preferred alternative concept plans in Appendix A). Both Build Alternatives require minor widening of Atlantic Avenue, which is proposed on the south side of the roadway to avoid ROW acquisition from the residences to the north. Approximately 0.02 acre of temporary construction easements is estimated to accommodate the maintenance of traffic for both Build Alternatives.

### 3.1.6 Preferred Alternative

As a result of the alternatives analyses conducted for the project, Build Alternative 2 (Bridge Replacement) was identified as the Preferred Alternative for further analysis and public input. Appendix A includes the preferred alternative concept plan.

## 4.0 UTILITY AGENCY OWNERS

Table 4-1 lists the UAOs contacted as part of the Atlantic Isle at West of SR A1A (Bridge No. 874218) PD&E Study.

**Table 4-1. Utility Agency Owners**

Utility Agency Owners	Contact	Utility Type
AT&T Florida	Ibrain A Font 305-990-6499 <a href="mailto:if452r@att.com">if452r@att.com</a>	Communications
Breezeline	Javares Hall 305.213.9908 <a href="mailto:JHall@breezeline.com">JHall@breezeline.com</a>	Communications
City of North Miami Beach	Karim Rossy, E.I. <a href="mailto:Karim.Rossy@citynmb.com">Karim.Rossy@citynmb.com</a> 305 948-2967, ext. 7962	Water and Sewer
Columbus Networks	Matthew Schwartz 954-235-4498 <a href="mailto:tssimatt@gmail.com">tssimatt@gmail.com</a>	Communications
Comcast	Carlos Olivas 305 849 7693 <a href="mailto:Carlos_olivas2@comcast.com">Carlos_olivas2@comcast.com</a>	Communications
FP&L (Distribution)	Emma McAskill Office: (305) 442-5129 Cell: (305) 298-2147 <a href="mailto:Emma.Mcaskill@fpl.com">Emma.Mcaskill@fpl.com</a>	Electric – Distribution
FP&L (Transmission)	Gretchen Dillman (Transmission Relocation Coordinator working on behalf of Florida Power and Light) (813) 605-7083 <a href="mailto:Gretchen.Dillman@fpl.com">Gretchen.Dillman@fpl.com</a>	Electric – Transmission
Hotwire	Walter Sancho-Davila Phone: (954) 699-0900 Cell: (954) 248-7396 <a href="mailto:walter.sancho-davila@hotwirecommunication.com">walter.sancho-davila@hotwirecommunication.com</a>	Communications
Miami-Dade Water and Sewer	Patrick Chong 786-552-4416 <a href="mailto:Patrick.Chong@miamidade.gov">Patrick.Chong@miamidade.gov</a>	Water and Sewer
People's Gas/TECO	David Rivera Gas Design Technician Office: 954.453.0794 Fax: 954.453.0804 <a href="mailto:DRRivera@tecoenergy.com">DRRivera@tecoenergy.com</a>	Gas

## 5.0 EXISTING UTILITY DESCRIPTIONS

Existing utility facilities include electric, gas, water, sewer, and communications. A preliminary plan overlaid on an aerial background was sent to all identified UAOs within the project area. The plan set was provided for their use in documenting their facilities. Appendix C provides information received from the various UAOs.

The general location of the existing utility facilities described in Table 5-1 are based on the UAOs' response and their accompanied documents. Exact locations of the existing utilities and the extent of impacts will be determined during the design phase of this project. Coordination with the UAOs during the design phase will assist in minimizing relocation adjustments and disruptions of service to the public.

Table 5-1 summarizes the existing facilities within the project corridor. All stations provided are approximate.

**Table 5-1. Existing Utilities**

Utility Agency Owners	Utility Type	Description
AT&T Florida	Cable/Conduit	Buried cable along north side of Atlantic Avenue (stops east and west of Atlantic Isle Bridge) and south side of Atlantic Isles Buried conduit along south side Atlantic Isles
Breezeline	Cable/Conduit	Buried conduit/cable below Atlantic Avenue (stops east and west of Atlantic Isle Bridge) Buried conduit/cable below Atlantic Isles from Collins Avenue to terminus of Atlantic Isles
City of North Miami Beach	Water Main	6-inch-diameter underground water main along Atlantic Avenue and Atlantic Isles 2-inch (in 4-inch-diameter casing) above grade along Atlantic Isle Bridge
Columbus Networks	Cable	No existing utilities within project
Comcast	Cable	No existing utilities within project
FP&L (Distribution)	Electric – Distribution	Buried electric along north side of Atlantic Avenue (stops east and west of Atlantic Isle Bridge) Buried electric on south side of Atlantic Isles
FP&L (Transmission)	Electric – Transmission	No existing utilities within project
Hotwire	Telephone/Fiber	No existing utilities within project
Miami-Dade Water and Sewer	Sanitary Gravity Mains/Pump Station	Pump Station 1318-2 located at the corner of Atlantic Avenue and Atlantic Isles (eastside of Atlantic Isle Lagoon) 6-inch-diameter DIP Sanitary Force Main below Atlantic Isles from Collins Avenue to Pump Station 1318 6- to 8-inch-diameter PVC sanitary gravity mains below Atlantic Avenue from Atlantic Isles to east of the Atlantic Isle Bridge 6- to 8-inch-diameter PVC sanitary gravity mains below Atlantic Avenue from west of Atlantic Isle Bridge to Atlantic Isles 6- to 8-inch-diameter PVC sanitary gravity mains below Atlantic Isles from Collins Avenue to terminus of Atlantic Isles (STA 101+54)
People's Gas/TECO	Gas	No existing utilities within project

DIP = ductile iron pipe

PVC = polyvinyl chloride

## 6.0 BUILD IMPACTS

Table 6-1 lists the estimated impacts itemized by location and estimated relocation costs to utilities resulting from the Preferred Alternative. The estimated impacts are based on the data provided by the UAO listed in Table 5-1. Actual utility impacts will be verified during the design phase when a detailed survey is completed and subsurface utility information is available.

### 6.1 COST ESTIMATE

Conservative utility relocation estimates were requested as part of the utility coordination process and subsequent follow-up with the UAOs. The total combined estimated cost for relocations including contingency regardless of the UAOs' potential for reimbursement is \$50,000 (refer to Table 6-1 for the utility impacts from Preferred Alternative by location).

### 6.2 UAO FOLLOW-UP

An additional meeting was held with one impacted owner as part of the utility coordination process.

Follow-up coordination with the City of North Miami Beach was held to outline the initial options for relocation of their existing 2-inch-diameter water main. The existing water main traverses over the existing Atlantic Isle Bridge between the planter easement and barrier wall. Relocation options considered include relocating the water main within the limestone fill portion of the bridge or encased within the shared-use path. A preferred relocation option has not been selected and this relocation should be coordinated early in the final design process. The City noted that the portion of the water main that extends along the existing bridge can be disconnected and is not required to remain in use during construction.



**Table 6-1. Utility Impacts from Preferred Alternative by Location**

Utility Type	Transverse of Adjacent	General Location	Size	Approximate Length	Impacts	Cost Estimate
<b>AT&amp;T Florida</b>						
BFO	Adjacent	Buried cable along north side of Atlantic Avenue (termini east and west of Atlantic Isle Bridge) and south side of Atlantic Isles	Unknown	±1,500 feet	No impacts anticipated	\$0
BFO	Adjacent	Buried conduit along south side Atlantic Isles	Unknown	±600 feet	No impacts anticipated	\$0
<b>Breezeline</b>						
BFO	Adjacent	Buried conduit/cable below Atlantic Avenue (termini east and west of Atlantic Isle Bridge)	Unknown	±800 feet	No impacts anticipated	\$0
BFO	Adjacent	Buried conduit/cable below Atlantic Isles from Atlantic Avenue to Atlantic Avenue (STA 16+00 to STA 24+00)	Unknown	±800 feet	No impacts anticipated	\$0
<b>City of North Miami Beach</b>						
WM	Adjacent	Runs parallel along the Atlantic Isle Bridge above grade, connecting to 6-inch-diameter water mains on either side	2-inch-diameter PVC (encased in 4-inch-diameter PVC)	±43 feet	Relocation within proposed bridge typical section	\$50,000
WM	Adjacent	6-inch-diameter underground water main along Atlantic Avenue and Atlantic Isles	6-inch-diameter PVC	±1,500 feet	No impacts anticipated	\$0
<b>FPL Distribution</b>						
BE	Adjacent	Segmented buried electric along the north side of Atlantic Avenue (termini east and west of Atlantic Isle Bridge)	120/240V	±500 feet	No impacts anticipated	\$0
BE	Adjacent	Buried electric runs along the north side of Atlantic Avenue (termini east and west of Atlantic Isle Bridge) and crosses Atlantic Isles just east and west of Atlantic Island Park and extends along the south side of Atlantic Isles	13KV	±1,700 feet	No impacts anticipated	\$0
<b>Miami-Dade Water and Sewer</b>						

Utility Type	Transverse of Adjacent	General Location	Size	Approximate Length	Impacts	Cost Estimate
PS	Adjacent	Pump Station 1318-2 located at the corner of Atlantic Avenue and Atlantic Isles (eastside of Atlantic Isle Lagoon)	Unknown	±550 ft <sup>2</sup>	No impacts anticipated	\$0
WM	Adjacent	6" DIP Sanitary Force Main below Atlantic Isles from Collins Avenue to Pump Station 1318	6" PVC	±200 feet	No impacts anticipated	\$0
WM	Adjacent	6-8" PVC sanitary gravity mains below Atlantic Avenue from Atlantic Isles to east of the Atlantic Island Bridge	6-8" PVC	±150 feet	No impacts anticipated	\$0
WM	Adjacent	6-8" PVC sanitary gravity mains below Atlantic Avenue from west of Atlantic Isle Bridge to Atlantic Isles	6-8" PVC	±500 feet	No impacts anticipated	\$0
WM	Adjacent	6-8" PVC sanitary gravity mains below Atlantic Isles from Collins Avenue to terminus of Atlantic Isles (STA 101+54)	6-8" PVC	±700 feet	No impacts anticipated	\$0

BE = Buried Electric  
 BFO = Buried Fiber Optic  
 ft<sup>2</sup> = square feet  
 PS = Pump Station  
 PVC = Polyvinyl Chloride  
 WM = Water Main

## 7.0 REFERENCES

Florida Department of Transportation (FDOT). 2016. *Atlantic Isle Lagoon Bridge Proof of Concept Report*. December. Prepared by Hardesty and Hanover, LLC.

Florida Department of Transportation (FDOT). 2017. *Utility Accommodation Manual*. June.

Florida Department of Transportation (FDOT). 2018. *Technical Memorandum, Rehabilitation of Bridge 874218 Atlantic Isle at West of SR A1A*. May. Prepared by Bolton Perez & Associates.

Florida Department of Transportation (FDOT). 2021. *Preliminary Report of a Geotechnical Exploration – Structures (Revision 2) Atlantic Isle Bridge (Bridge No. 874218) Rehabilitation or Replacement*. Prepared by HR Engineering Services, Inc. March 10.

DRAFT

**APPENDIX A  
CONCEPT PLANS**

DRAFT

CONTRACT PLANS COMPONENTS  
STRUCTURES

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

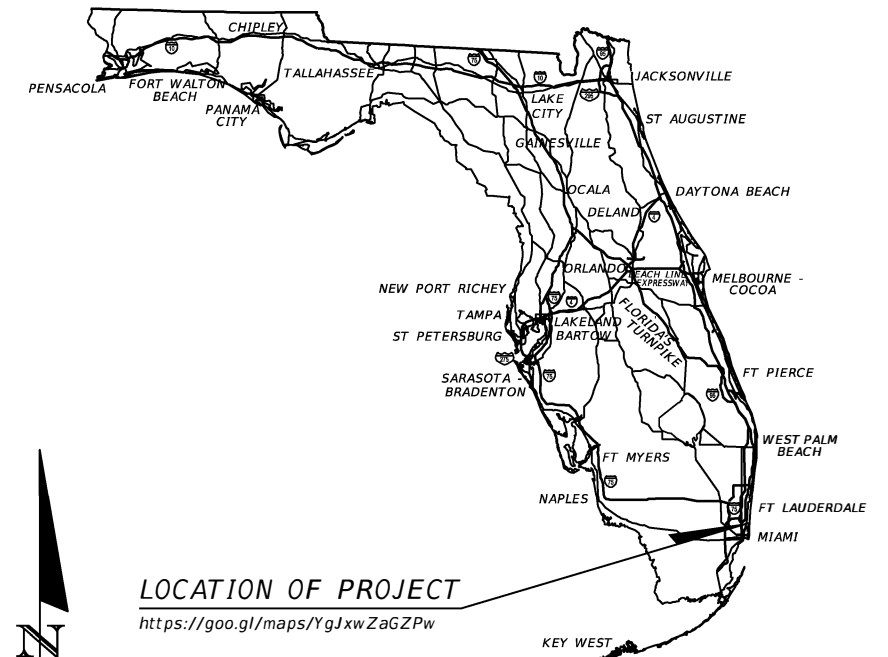
FINANCIAL PROJECT ID 430029-2-22-01

MIAMI-DADE COUNTY (87674)

ATLANTIC AVENUE BRIDGE REPLACEMENT

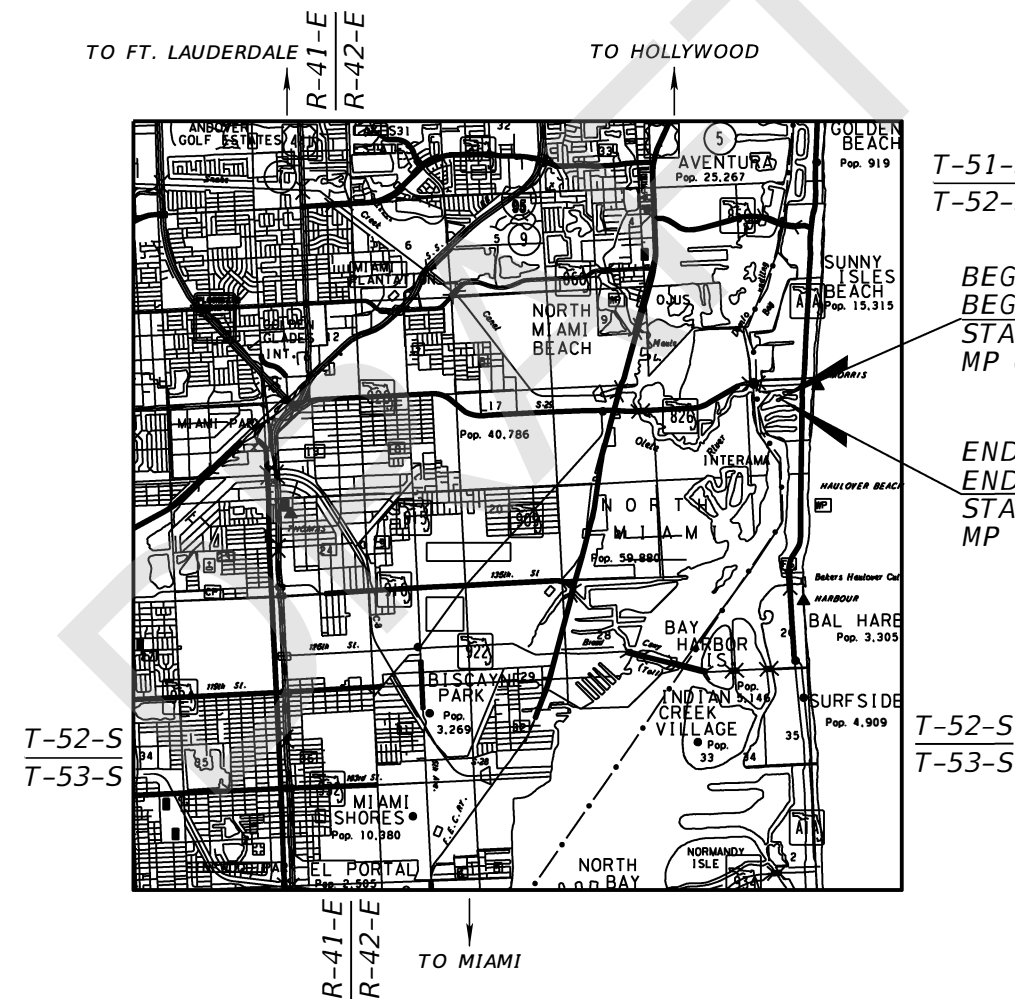
INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	TYPICAL SECTION
3	PROJECT LAYOUT
4	PLAN SHEET
5	PROFILE
6	TTCP TYPICAL SECTION
7	TRAFFIC CONTROL PLAN
8	TTCP CROSS SECTIONS
9	ADVANCE WARNING DETAIL



LOCATION OF PROJECT

<https://goo.gl/maps/YgJxwZaGZPw>



T-51-S  
T-52-S

BEGIN PROJECT  
BEGIN BRIDGE  
STA. 113+43.93  
MP 0.255

END PROJECT  
END BRIDGE  
STA. 113+89.93  
MP 0.264

T-52-S  
T-53-S

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 22/23 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>

APPLICABLE IRs: IR\_\_\_\_

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

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

DRAFT CONCEPT  
NOT FOR CONSTRUCTION  
NOVEMBER 2023

ROADWAY PLANS

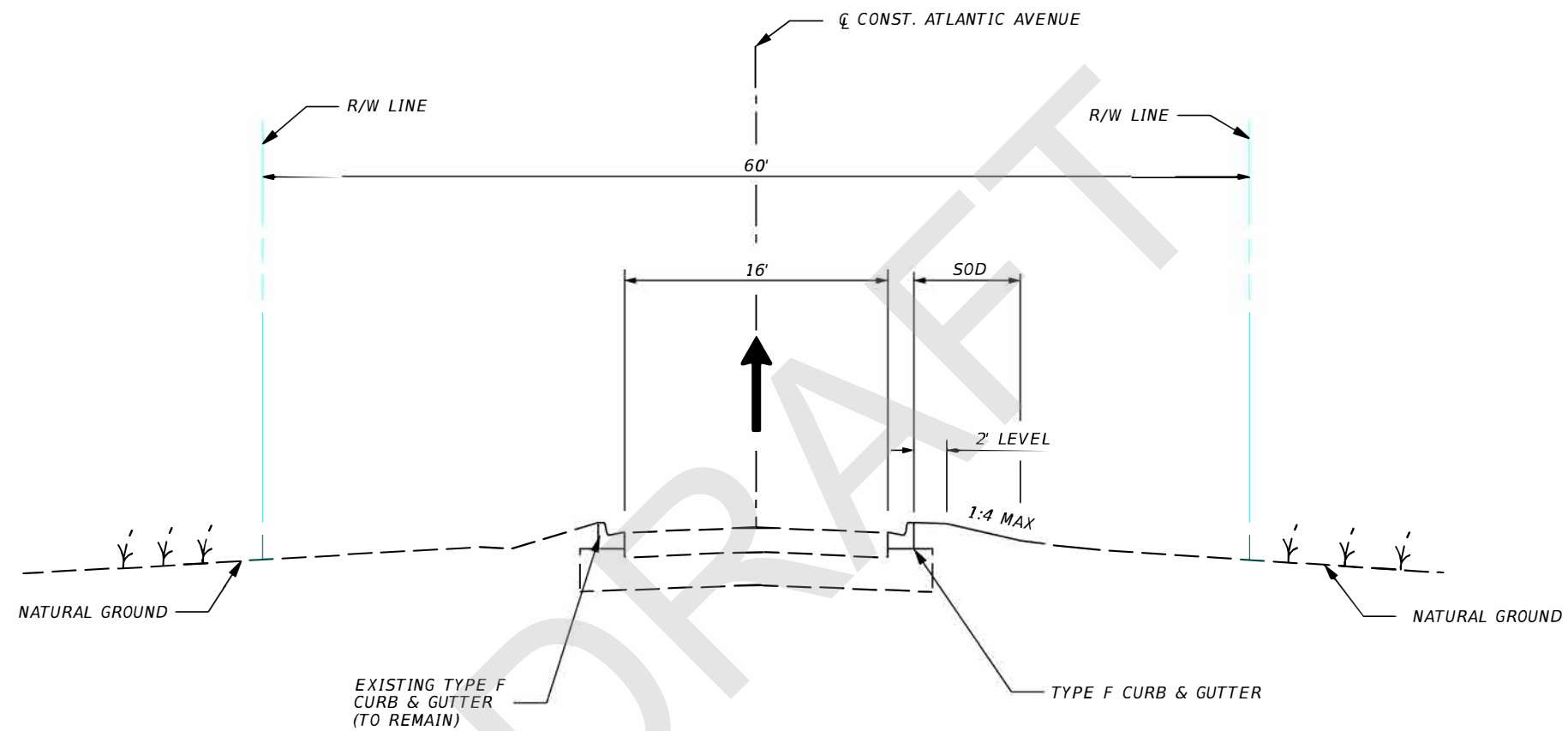
ENGINEER OF RECORD:

ALEJANDRO M. MEITIN, P.E.  
P.E. NO.: 44744  
JACOBS ENGINEERING GROUP, INC.  
3150 SW 38TH AVE, SUITE 700  
MIAMI, FL 33146  
CONTRACT NO.: C9U43  
VENDOR NO.: F 954081636

FDOT PROJECT MANAGER:

VICTORIA VOGT

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
		1



ROADWAY TYPICAL SECTION  
ATLANTIC AVENUE  
STA. 108+00 TO STA. 113+13.93  
STA. 114+19.93 TO 115+80.00

**TRAFFIC DATA**

CURRENT YEAR = 2019 AADT = 605  
 K = 8.18% D = 51.1% T = 5.18% (24 HOUR)  
 DESIGN SPEED = 25 MPH  
 POSTED SPEED = 20 MPH

REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	SR NO.	COUNTY	FINANCIAL PROJECT ID	
					MIAMI-DADE	430029-2-22-01	2
				<b>TYPICAL SECTION</b>			

ALEJANDRO G. MEITIN, P.E.  
 P.E. LICENSE NUMBER 44744  
 JACOBS ENGINEERING GROUP, INC.  
 3150 SW 38TH AVE, SUITE 700  
 MIAMI, FL 33146

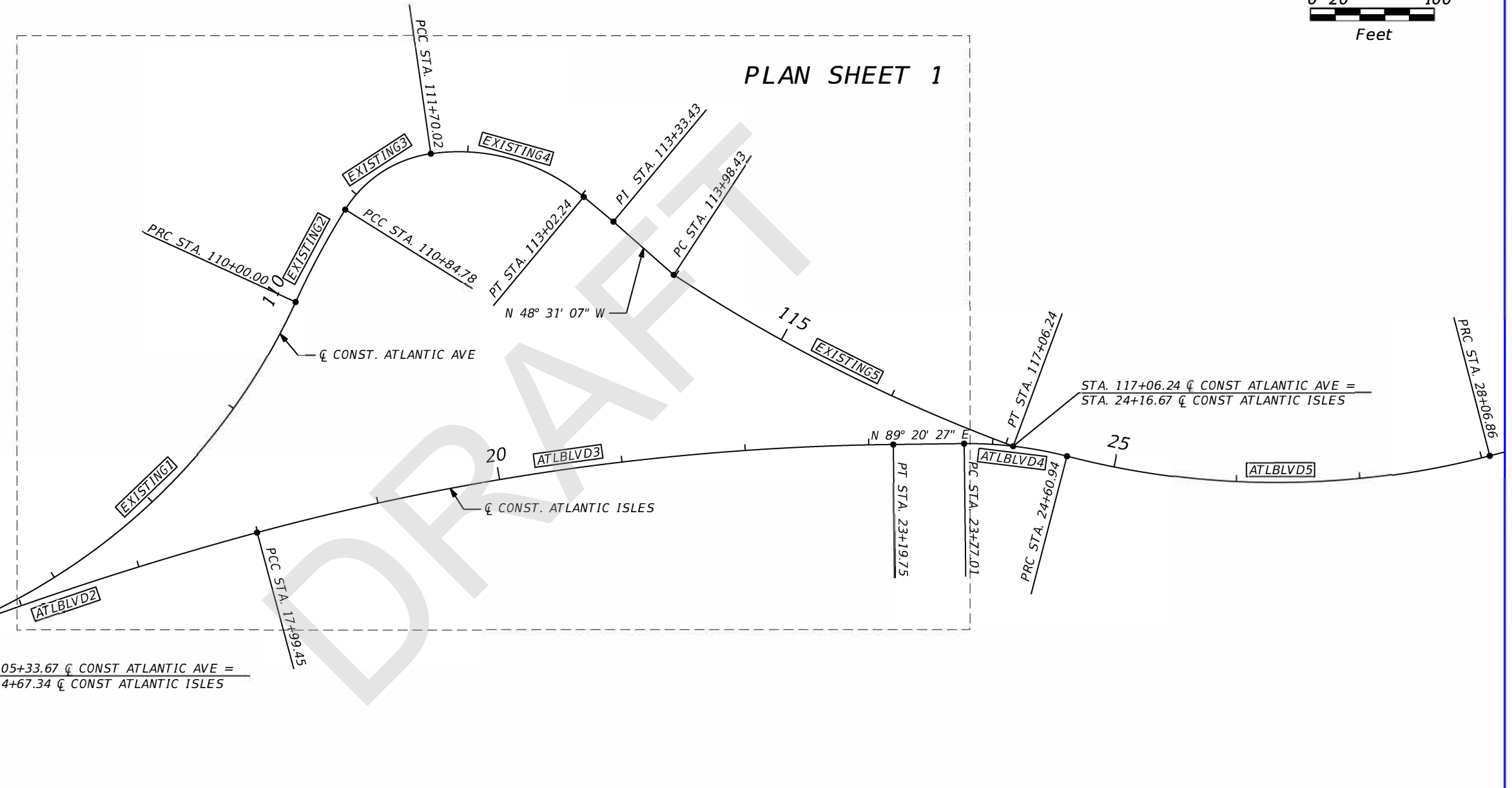
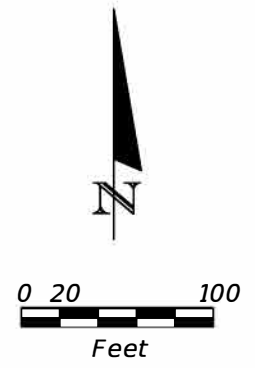
CURVE DATA EXISTING1  
 PI STA. = 108+14.96  
 $\Delta$  = 43° 18' 26" (LT)  
 D = 11° 06' 39"  
 T = 204.73  
 L = 389.77  
 R = 515.67  
 PC STA. = 106+10.23  
 PT STA. = 110+00.00

CURVE DATA EXISTING2  
 PI STA. = 110+42.45  
 $\Delta$  = 7° 24' 30" (RT)  
 D = 8° 44' 20"  
 T = 42.45  
 L = 84.77  
 R = 655.64  
 PC STA. = 110+00.00  
 PT STA. = 110+84.78

CURVE DATA EXISTING3  
 PI STA. = 111+30.30  
 $\Delta$  = 49° 50' 05" (RT)  
 D = 58° 27' 54"  
 T = 45.53  
 L = 85.24  
 R = 98.00  
 PC STA. = 110+84.78  
 PT STA. = 111+70.02

CURVE DATA EXISTING4  
 PI STA. = 112+40.28  
 $\Delta$  = 47° 56' 54" (RT)  
 D = 36° 15' 47"  
 T = 70.26  
 L = 132.22  
 R = 158.00  
 PC STA. = 111+70.02  
 PT STA. = 113+02.24

CURVE DATA EXISTING5  
 PI STA. = 115+52.99  
 $\Delta$  = 12° 52' 22" (LT)  
 D = 4° 10' 56"  
 T = 154.55  
 L = 307.80  
 R = 1,370.00  
 PC STA. = 113+98.43  
 PT STA. = 117+06.24



CURVE DATA ATLBLVD1  
 PI STA. = 12+03.11  
 $\Delta$  = 13° 42' 48" (LT)  
 D = 3° 23' 32"  
 T = 203.11  
 L = 404.27  
 R = 1,689.10  
 PC STA. = 10+00.00  
 PT STA. = 14+04.27

CURVE DATA ATLBLVD2  
 PI STA. = 16+33.61  
 $\Delta$  = 7° 02' 19" (RT)  
 D = 2° 07' 10"  
 T = 166.26  
 L = 332.11  
 R = 2,703.38  
 PC STA. = 14+67.34  
 PT STA. = 17+99.45

CURVE DATA ATLBLVD3  
 PI STA. = 20+60.99  
 $\Delta$  = 14° 26' 28" (RT)  
 D = 2° 46' 32"  
 T = 261.53  
 L = 520.30  
 R = 2,064.31  
 PC STA. = 17+99.45  
 PT STA. = 23+19.75

CURVE DATA ATLBLVD4  
 PI STA. = 24+19.23  
 $\Delta$  = 15° 14' 20" (RT)  
 D = 18° 09' 21"  
 T = 42.22  
 L = 83.93  
 R = 315.58  
 PC STA. = 23+77.01  
 PT STA. = 24+60.94

CURVE DATA ATLBLVD5  
 PI STA. = 26+37.72  
 $\Delta$  = 29° 05' 57" (LT)  
 D = 8° 24' 44"  
 T = 176.77  
 L = 345.91  
 R = 681.10  
 PC STA. = 24+60.94  
 PT STA. = 28+06.86

REVISIONS				ALEX MEITIN, P.E. P.E. LICENSE NUMBER 44744 JACOBS ENGINEERING GROUP, INC. 3150 SW 38TH AVE, SUITE 700 MIAMI, FL 33146	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT NO.  3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					MIAMI-DADE	430029-2-22-01	PROJECT LAYOUT	

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



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

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ALEJANDRO G. MEITIN, P.E.  
P.E. LICENSE NUMBER 44744  
JACOBS ENGINEERING GROUP, INC.  
3150 SW 38TH AVE, SUITE 700  
MIAMI, FL 33146

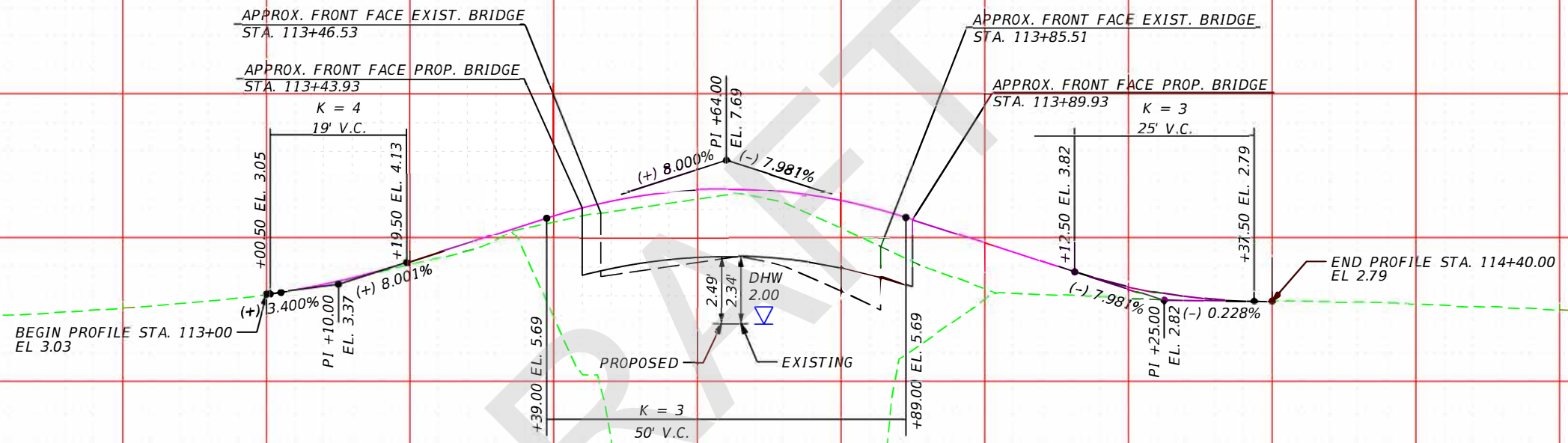
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
SR NO.	COUNTY	FINANCIAL PROJECT ID
	MIAMI-DADE	430029-2-22-01

**PLAN SHEET**  
**BRIDGE REPLACEMENT (ALT 2)**

SHEET NO.  
4



BEGIN/END BRIDGE STATIONS SUBJECT TO CHANGE  
 BRIDGE SHOWN IS ONLY TO DETERMINE VERTICAL CLEARANCE AND DOES NOT REPRESENT THE ACTUAL BRIDGE APPEARANCE



SCALE:  
 1" = 20' HORIZONTAL  
 1" = 5' VERTICAL

113+00

114+00

115+00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ALEX MEITIN, P.E.  
 P.E. LICENSE NUMBER 44744  
 JACOBS ENGINEERING GROUP, INC.  
 3150 SW 38TH AVE, SUITE 700  
 MIAMI, FL 33146

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
NONE	MIAMI-DADE	430029-2-22-01

**PROFILE SHEET**  
**BRIDGE REPLACEMENT (ALT 2)**

SHEET NO.  
 5

GENERAL NOTES

- ALL WORK SHALL BE PERFORMED DURING DAYTIME ONLY FROM 8:00 AM TO 8:00 PM.
- PCMS MESSAGES SHALL BE PLACED ACCORDING TO THE PLANS AND SHALL DISPLAY THE FOLLOWING MESSAGES:
 

MESSAGE 1	MESSAGE 2
CONST STARTS MM/DD	BRIDGE CLOSED
- REGULATORY SPEED SHALL BE 20 MPH FOR ALL PHASES OF TEMPORARY TRAFFIC CONTROL PLANS.

PHASE 1  
THE INTENT OF THIS PHASE IS TO CONSTRUCT TEMPORARY WIDENING.

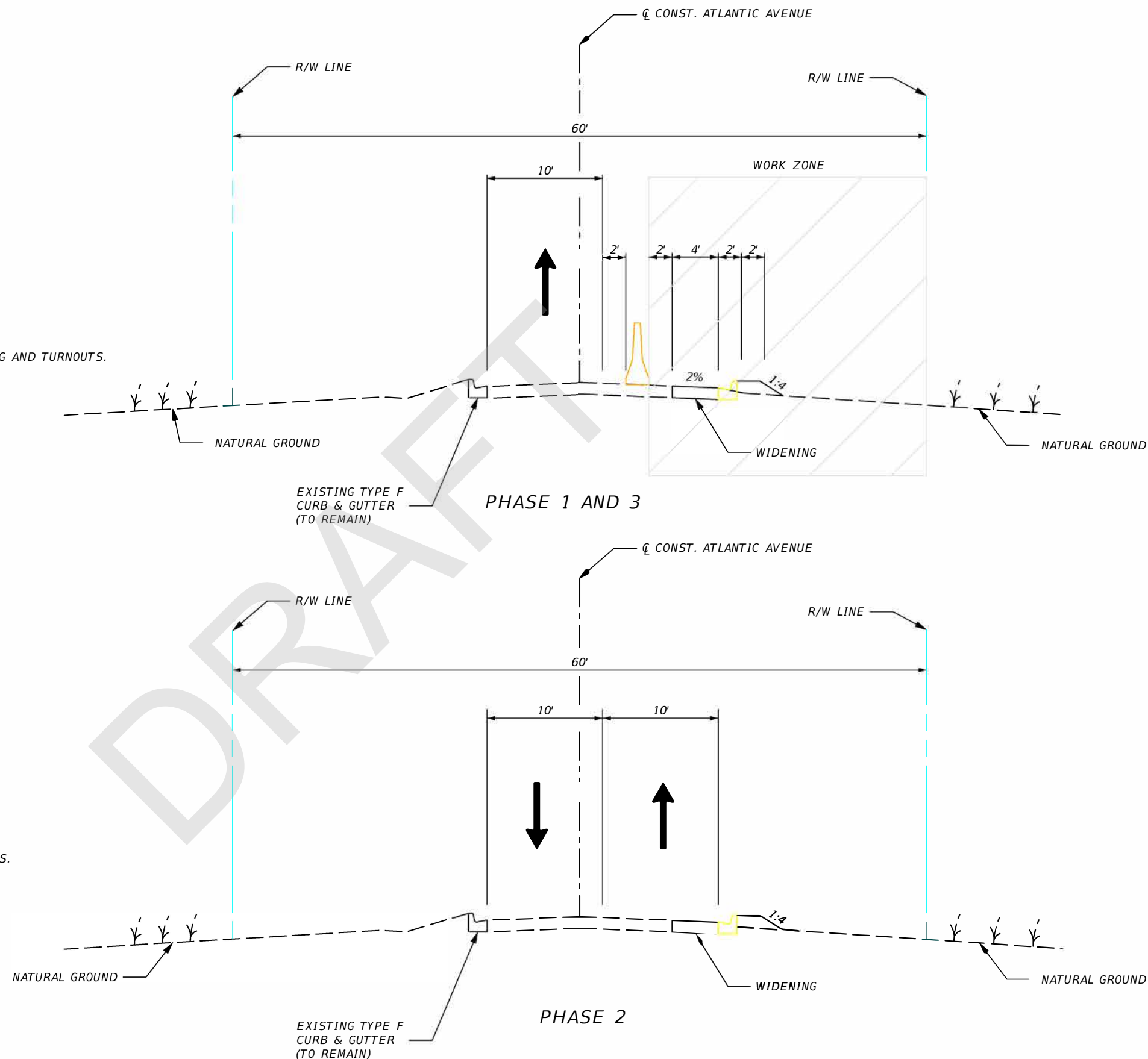
- INSTALL TEMPORARY CONCRETE BARRIER WALL.
- SHIFT TRAFFIC TO THE LEFT SIDE OF THE ROADWAY.
- CONSTRUCT TEMPORARY DRAINAGE, TEMPORARY CURB & GUTTER, WIDENING AND TURNOUTS.
- REMOVE TEMPORARY CONCRETE BARRIER WALL.
- ALLOW FOR TWO-WAY TRAFFIC.

PHASE 2  
THE INTENT OF THIS PHASE IS TO DEMO AND CONSTRUCT THE NEW BRIDGE.

- CLOSE THE BRIDGE TO TRAFFIC.
- DEMOLISH EXISTING BRIDGE.
- CONSTRUCT NEW BRIDGE.

PHASE 3  
THE INTENT OF THIS PHASE IS TO REMOVE THE TEMPORARY WIDENING.

- INSTALL TEMPORARY CONCRETE BARRIER WALL.
- SHIFT TRAFFIC TO THE LEFT SIDE OF THE ROADWAY.
- REMOVE TEMPORARY CURB & GUTTER, DRAINAGE, WIDENING AND TURNOUTS.
- CONSTRUCT NEW CURB AND GUTTER.
- REMOVE TEMPORARY CONCRETE BARRIER WALL.
- ALLOW FOR TWO-WAY TRAFFIC.



REVISIONS				ALEJANDRO G. MEITIN, P.E. P.E. LICENSE NUMBER 44744 JACOBS ENGINEERING GROUP, INC. 3150 SW 38TH AVE, SUITE 700 MIAMI, FL 33146	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>TTCP TYPICAL SECTION ALT 1 AND ALT 2</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		SR NO.	COUNTY	FINANCIAL PROJECT ID		6
					MIAMI-DADE	430029-2-22-01			



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

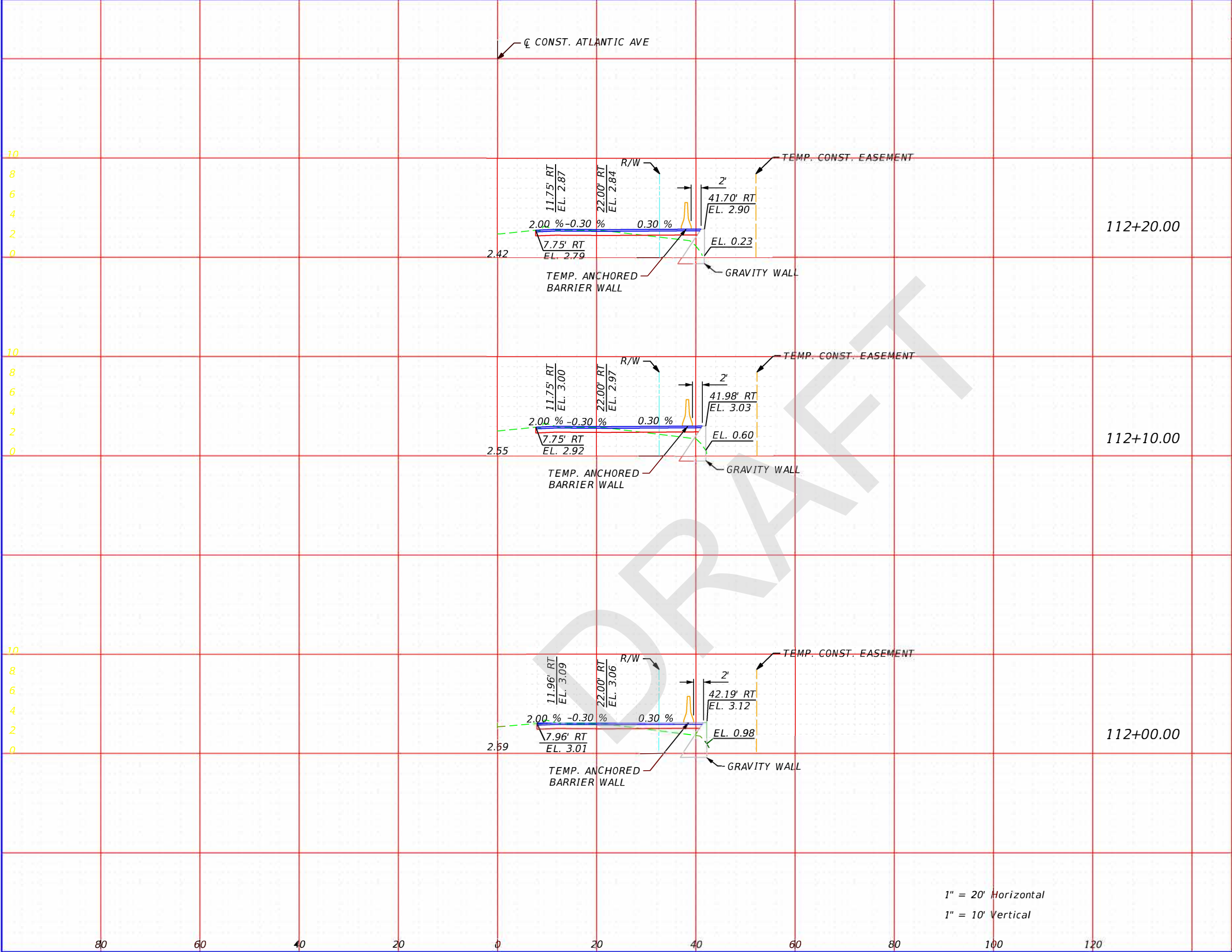
ALEX MEITIN, P.E.  
 P.E. LICENSE NUMBER 44744  
 JACOBS ENGINEERING GROUP, INC.  
 3150 SW 38TH AVE, SUITE 700  
 MIAMI, FL 33146

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MIAMI-DADE	430029-2-22-01

**TRAFFIC CONTROL PLAN**  
**BRIDGE REPLACEMENT (ALT 2)**

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.



Subsoil Exc.		Regular Exc.		Embankment	
A	V	A	V	A	V

1" = 20' Horizontal  
1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

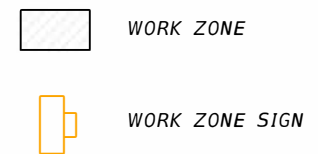
ALEX MEITIN, P.E.  
P.E. LICENSE NUMBER 44744  
JACOBS ENGINEERING GROUP, INC.  
3150 SW 38TH AVE, SUITE 700  
MIAMI, FL 33146

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

SR NO.	COUNTY	FINANCIAL PROJECT ID
N/A	MIAMI-DADE	430029-2-22-01

**TTCP CROSS SECTIONS  
BRIDGE REPLACEMENT (ALT 2)**

SHEET NO.  
**8**



REVISIONS				STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			ADVANCE WARNING DETAIL BRIDGE REPLACEMENT (ALT 2)	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION	SR NO.	COUNTY	FINANCIAL PROJECT ID		
					MIAMI-DADE	430029-2-22-01		

ALEJANDRO G. MEITIN, P.E.  
 P.E. LICENSE NUMBER 44744  
 JACOBS ENGINEERING GROUP, INC.  
 3150 SW 38TH AVE, SUITE 700  
 MIAMI, FL 33146

11/29/2023 8:12:11 AM Alternative 2

C:\E\_projects\Projects\ATLANTIC ISLES\ROADWAY\ROADWAY\TCDTRD100\_Jacobs.dgn

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

*STATE OF FLORIDA*  
*DEPARTMENT OF TRANSPORTATION*

INDEX OF STRUCTURE PLANS

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
B1	KEY SHEET
B1-1	ALTERNATIVE 2 - BRIDGE REPLACEMENT PLAN & ELEVATION
B1-2	ALTERNATIVE 2 - BRIDGE REPLACEMENT TYPICAL SECTION
B1-3	ALTERNATIVE 2 - BRIDGE REPLACEMENT CONSTRUCTABILITY CONCEPT
B1-4	EXISTING BRIDGE PLAN AND ELEVATION

CONTRACT PLANS

FINANCIAL PROJECT ID 430029-2-21-01  
(FEDERAL FUNDS)  
MIAMI-DADE COUNTY (87674)

STRUCTURE PLANS

DRAFT

GOVERNING STANDARDS & SPECIFICATIONS:  
FLORIDA DEPARTMENT OF TRANSPORTATION,  
DESIGN STANDARDS DATED FY 2023-24,  
AND STANDARD SPECIFICATIONS FOR ROAD AND  
BRIDGE CONSTRUCTION DATED FY 2023-24,  
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: MM-DD-YY  
For Design Standards Modifications click on "Design Standards"  
at the following Web site: <http://www.dot.state.fl.us/rddesign/>

STRUCTURE SHOP DRAWINGS  
TO BE SUBMITTED TO:  
HNTB CORPORATION  
161 N.W. 6TH STREET, SUITE 1000  
MIAMI, FL. 33136  
P: (305) 551-8100 F: (305) 551-2800

PLANS PREPARED BY:  
HNTB CORPORATION  
161 N.W. 6TH STREET, SUITE 1000  
MIAMI, FL. 33136  
P: (305) 551-8100 F: (305) 551-2800

NOTE: THE SCALE OF THESE PLANS MAY  
HAVE CHANGED DUE TO REPRODUCTION.

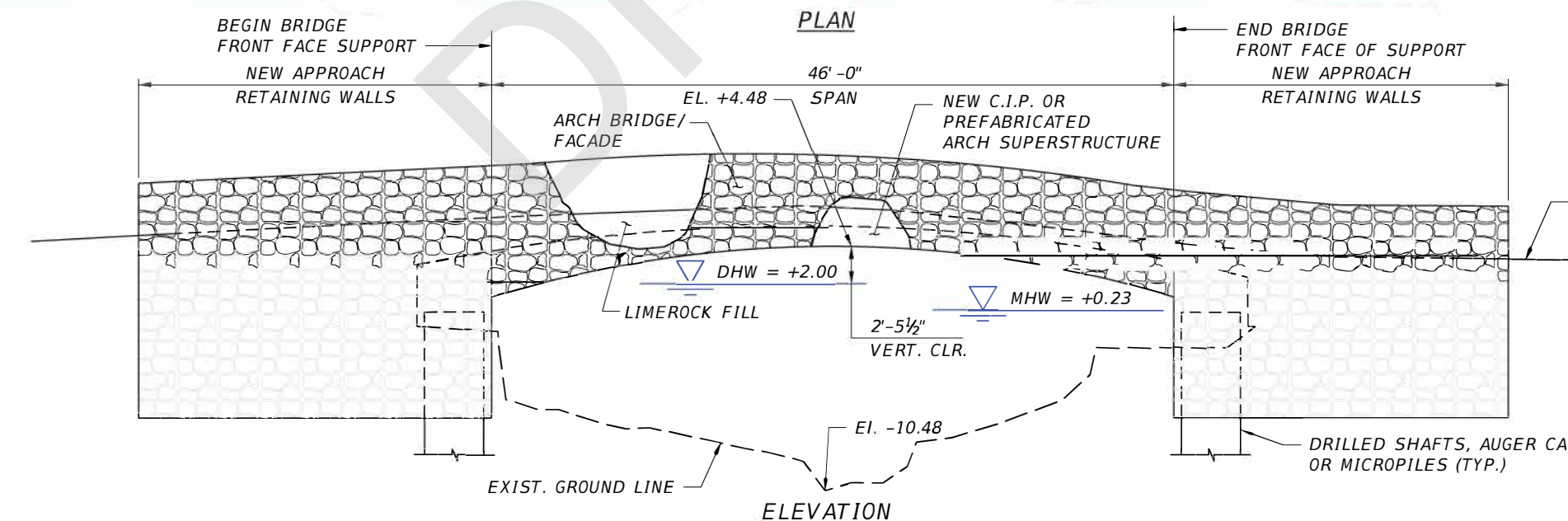
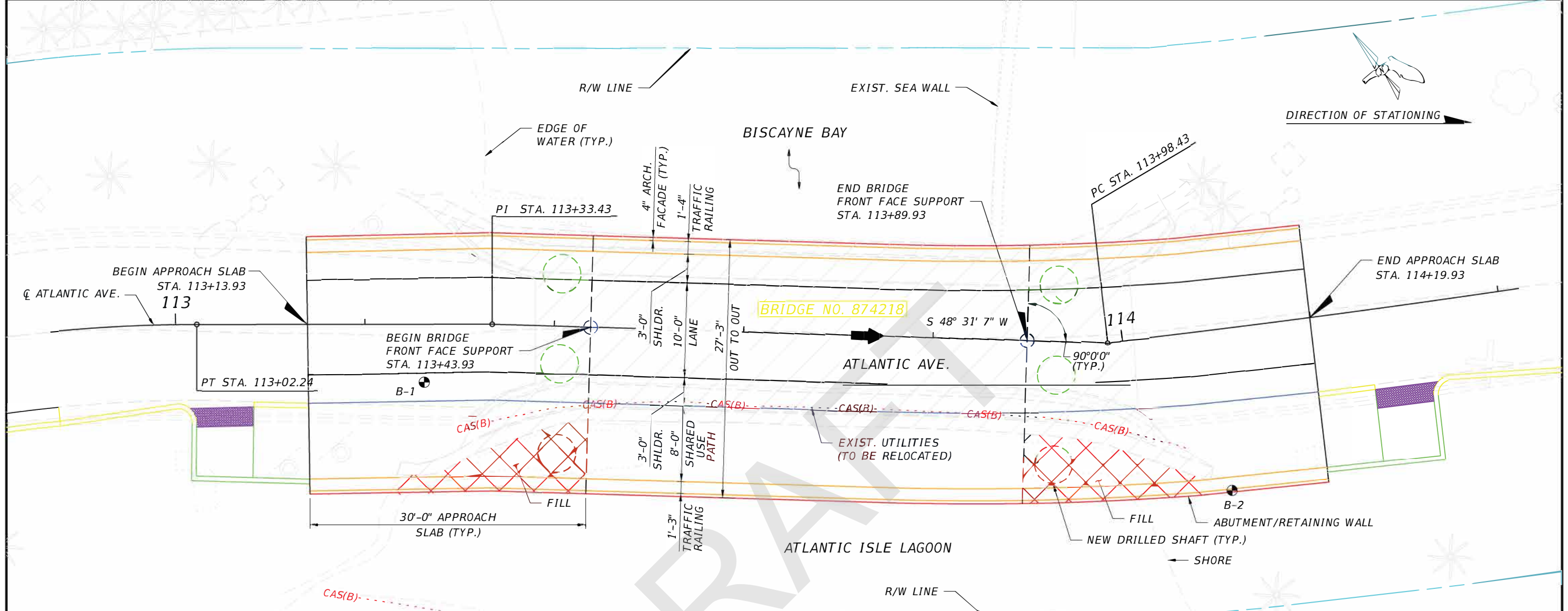
STRUCTURE PLANS  
ENGINEER OF RECORD: FENG LIU

P.E. NO.: 65738

FDOT PROJECT MANAGER : VICTORIA VOGT

FISCAL YEAR	SHEET NO.
	B1

NOT FOR CONSTRUCTION PRELIMINARY AND SUBJECT TO CHANGE



**LEGEND**

- EXISTING STRUCTURE TO BE REMOVED
- APPROXIMATE LOCATION OF SOIL BORINGS

BRIDGE NO. XXXXX

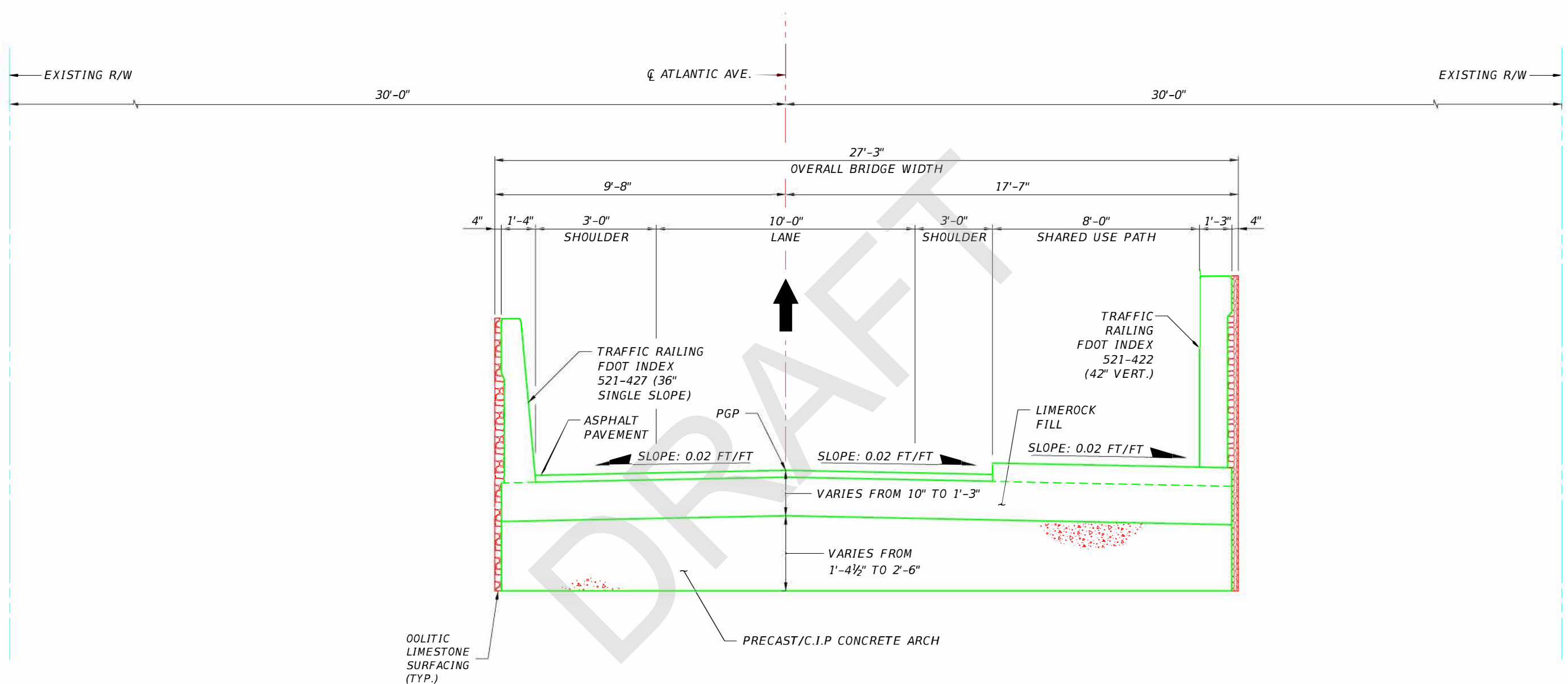
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

JACOBS ENGINEERING GROUP  
200 W. FORSYTH STREET, SUITE 1520  
JACKSONVILLE, FL 32202

DRAWN BY: XSD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
CHECKED BY: JGL	ROAD NO.	COUNTY	FINANCIAL PROJECT ID
DESIGNED BY: CAM	N/A	MIAMI-DADE	430029-2-21-02
CHECKED BY: FL			

SHEET TITLE: ALTERNATIVE 2 - BRIDGE REPLACEMENT PLAN AND ELEVATION	REF. DWG. NO.
PROJECT NAME: ATLANTIC AVE. OVER OCEAN CANAL	SHEET NO. B1-1

NOT FOR CONSTRUCTION PRELIMINARY AND SUBJECT TO CHANGE

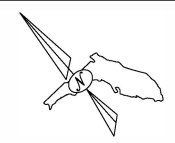


**TYPICAL SECTION**

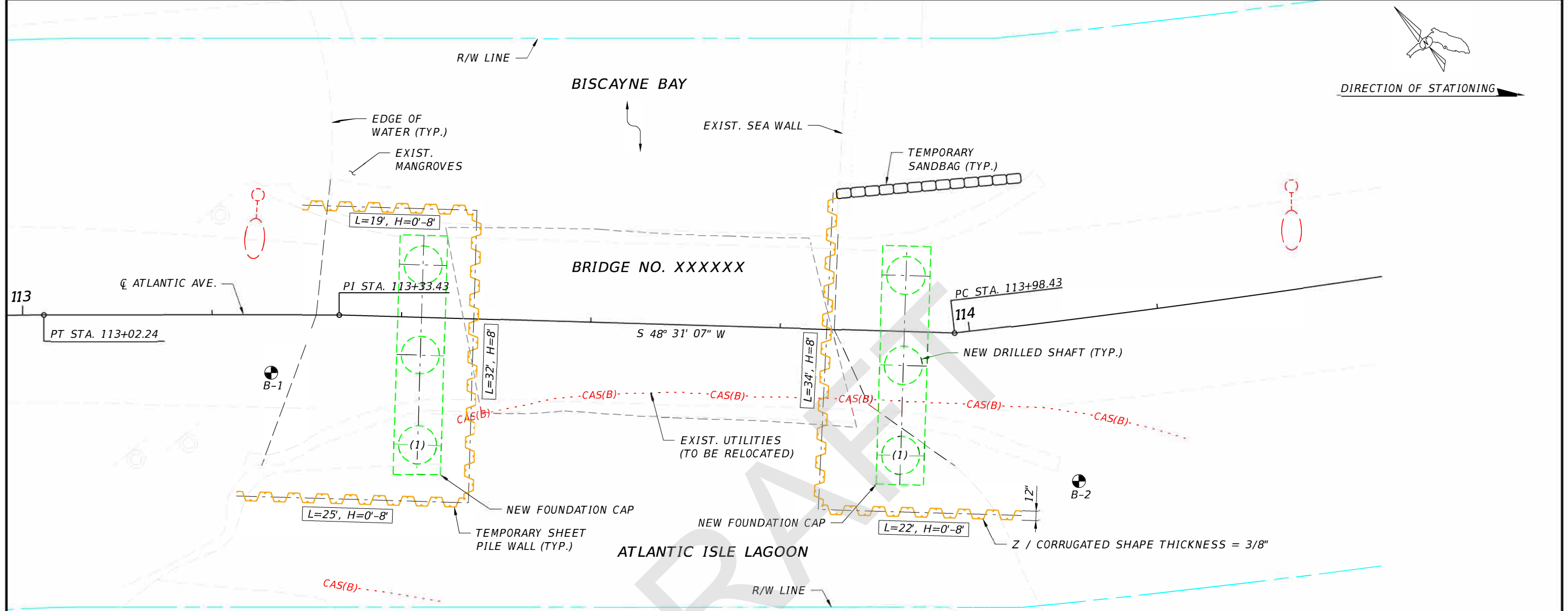
BRIDGE NO. XXXXX

REVISIONS						DRAWN BY: GNJ CHECKED BY: XSD DESIGNED BY: CAM CHECKED BY: FL	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE:		REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	BRIDGE REPLACEMENT (ALT 2) TYPICAL SECTION		
							N/A	MIAMI-DADE	430029-2-22-02	ATLANTIC AVE. OVER OCEAN CANAL		SHEET NO.
											B1-2	

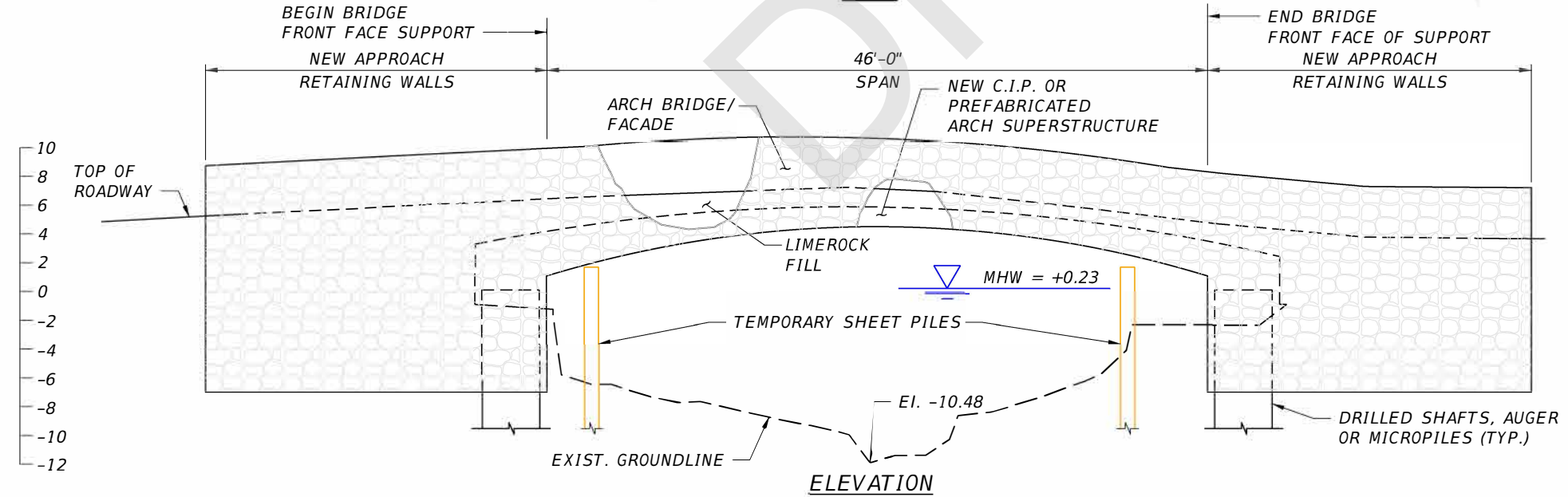




DIRECTION OF STATIONING



**PLAN**



**ELEVATION**

**LEGEND**

⊙ = APPROXIMATE LOCATION OF SOIL BORINGS

- NOTE:
- EXISTING BRIDGE 874218 TO BE COMPLETELY REMOVED INCLUDING FOUNDATIONS.
  - TEMPORARY SHEET PILING SHOWN WILL BE REMOVED PRIOR TO CONSTRUCTION OF THE ARCH AND SUPERSTRUCTURE.

<b>TEMPORARY SHEET PILE:</b>	
LENGTH: AT BEGIN BRIDGE	= 76 LF 51 SHEETS
AT END BRIDGE	= 56 LF 37 SHEETS
<b>TOTAL</b>	<b>= 132 LF 88 SHEETS</b>
H= HEIGHT ABOVE CANAL BOTTOM.	

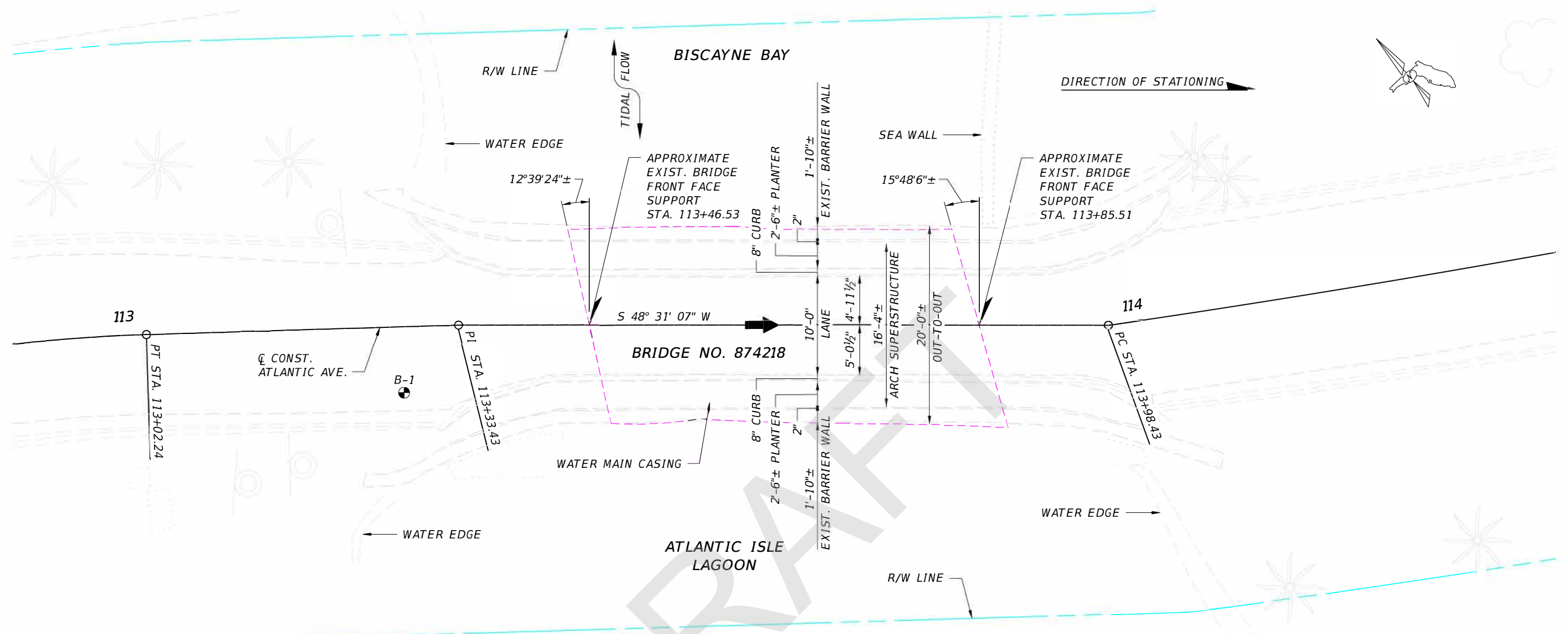
(1) DRILLED SHAFT WATERWARD OF EXISTING BRIDGE.

**BRIDGE NO. 874218**

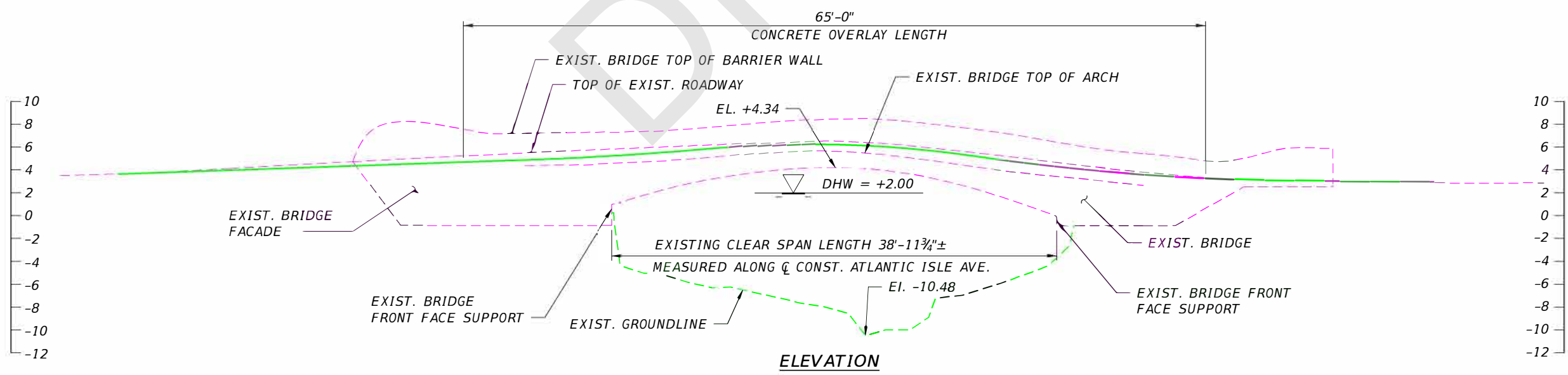
REVISIONS						DRAWN BY: EAG	CHECKED BY: RLM	DESIGNED BY: BAG	CHECKED BY: RLM	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: ALTERNATIVE 2 - BRIDGE REPLACEMENT CONSTRUCTABILITY CONCEPT	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
										N/A	MIAMI-DADE	430029-2-21-02	ATLANTIC AVE. OVER OCEAN CANAL	B1-3
						JACOBS ENGINEERING GROUP 200 W. FORSYTH STREET, SUITE 1520 JACKSONVILLE, FL 32202			BRANCHTD 4/10/2023 1:47:02 PM			C:\Users\branchtd\Downloads\CADD\CADD\VERIFIED_Seank\STR\B1PlanElev02-FIG1.dgn		

NOT FOR CONSTRUCTION PRELIMINARY AND SUBJECT TO CHANGE

NOT FOR CONSTRUCTION PRELIMINARY AND SUBJECT TO CHANGE



**PLAN**



**ELEVATION**

REVISIONS						DRAWN BY: EAG	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET TITLE: <b>EXISTING BRIDGE PLAN AND ELEVATION</b>	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD NO.	COUNTY	F INANCIAL PROJECT ID		
							N/A	MIAMI-DADE	430029-2-21-02	ATLANTIC AVE. OVER OCEAN CANAL	B1-4
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**APPENDIX B**  
**SAMPLE UAO CONTACT LETTER**

DRAFT



*Florida Department of Transportation*

RON DESANTIS  
GOVERNOR

1000 NW 111th Avenue  
Miami, FL 33172-5800

KEVIN J. THIBAUT  
SECRETARY

December 2, 2019

**ADJUSTMENT OF UTILITIES - FLORIDA STATUTES CHAPTER 337.403**

**RE: Project Description:** Project Development & Environment Study  
Atlantic Isle at West of SR A1A (Bridge 874218)

**F.P. Number:** 430029-2-21-01

**F.A.P. Number:** N/A

**State Road Number:** N/A

**County:** Miami-Dade

Dear Utility Agency Owner (UAO):

The Florida Department of Transportation (FDOT) is in the development phase for evaluation of several design alternatives and final location design approval relating to the above project. Facilities owned or maintained by your utility agency/owner (UAO) within the project vicinity may require relocation or adjustment as necessitated by final design selection.

To assist us in selection of the most feasible design alternative while minimizing conflicts with your facilities, preliminary plans are attached. One set should be marked with your principal existing and proposed facilities and returned to this office. Along with the plans, your UAO should also present any general concerns and/or comments that would be useful in the FDOT's evaluation process.

If your facilities are located on right of way owned by you, in an easement acquired for your use or if you have other compensable property interests within the limits of this project, you may be eligible to have your relocation costs reimbursed by the FDOT. If you have any of the above interests, please mark the approximate boundaries of them on the enclosed set of plans and return the same, together with documentation of your interests and a preliminary cost estimate to this office. Include in your transmittal, on UAO letterhead, a statement as to whether or not you will claim reimbursement and on what basis your claim is supported. Note that the information provided at this time will be used only for evaluation of design alternatives and does not constitute a claim.

Please note that failure to respond to this request will result in plans development without identification of your facilities. In order to maintain project schedules, please return the marked-up plans with your transmittal to this office by **January 16, 2020**.

Electronic or PSEE submittals are recommended. You can sign up for PSEE by using the following link: <https://www3.dot.state.fl.us/internetsubscriberaccount/default.aspx>

Should additional information be required, please contact me at 305-470-5232. Your cooperation in these matters is appreciated.

Sincerely,

**Lisandra Fuentes**

Lisandra Fuentes  
Utility Coordinator

DRAFT

**APPENDIX C  
UTILITY AGENCY OWNER RESPONSES**

DRAFT

**AT&T FLORIDA**

DRAFT



11/29/2022

RE: 430029-2-22-01 - 87674- ATLANTIC ISLE AT WEST OF SR A1A

Good morning, Lisandra

The proposed project location for 430029-2-22-01 - 87674- ATLANTIC ISLE AT WEST OF SR A1A for the above-referenced project has been reviewed. Based on our review AT&T Florida (Bellsouth) Does not have facilities within the limits of the proposed roadway improvements.

In the event that the proposed project limits change, and a conflict arises, this No-Facility letter will become null, and void and AT&T FL will require that a current set of plans be submitted for review and determine possible conflict resolution.

If you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

**Ibrain A Font**

Manager OSP Planning & Engineering Design  
Construction & Engineering – Southeast Region

**AT&T**

600 NW 79<sup>th</sup> Ave, Room 03C080 Miami, FL 33126  
o / m 305-990-6499 | [IF452R@att.com](mailto:IF452R@att.com)

**MOBILIZING YOUR WORLD**

*Ibrain A Font*



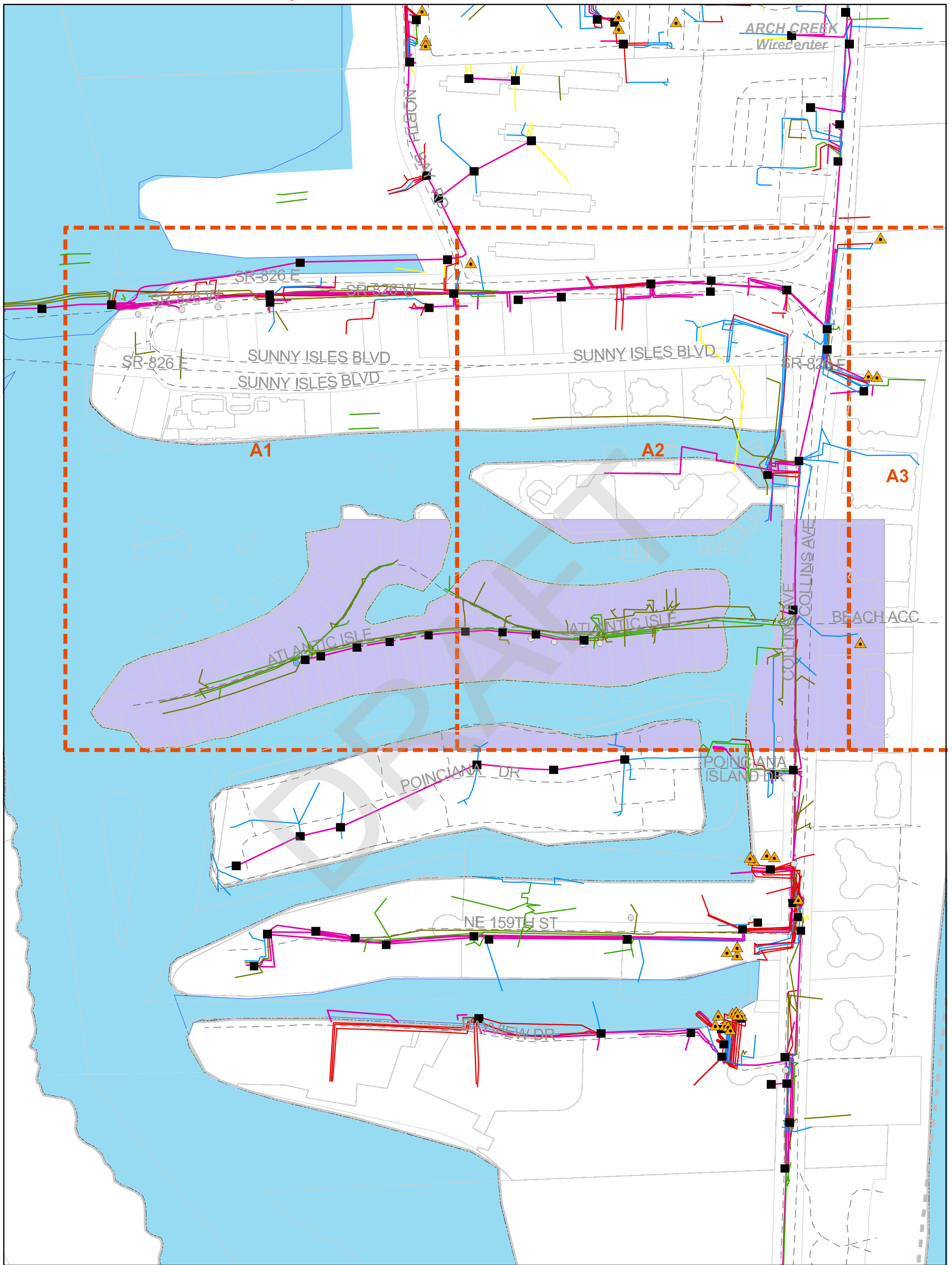


# External Map Request for Steve Low

Date: 12/2/2019

Index Map

43002922101 Project



1:4,179

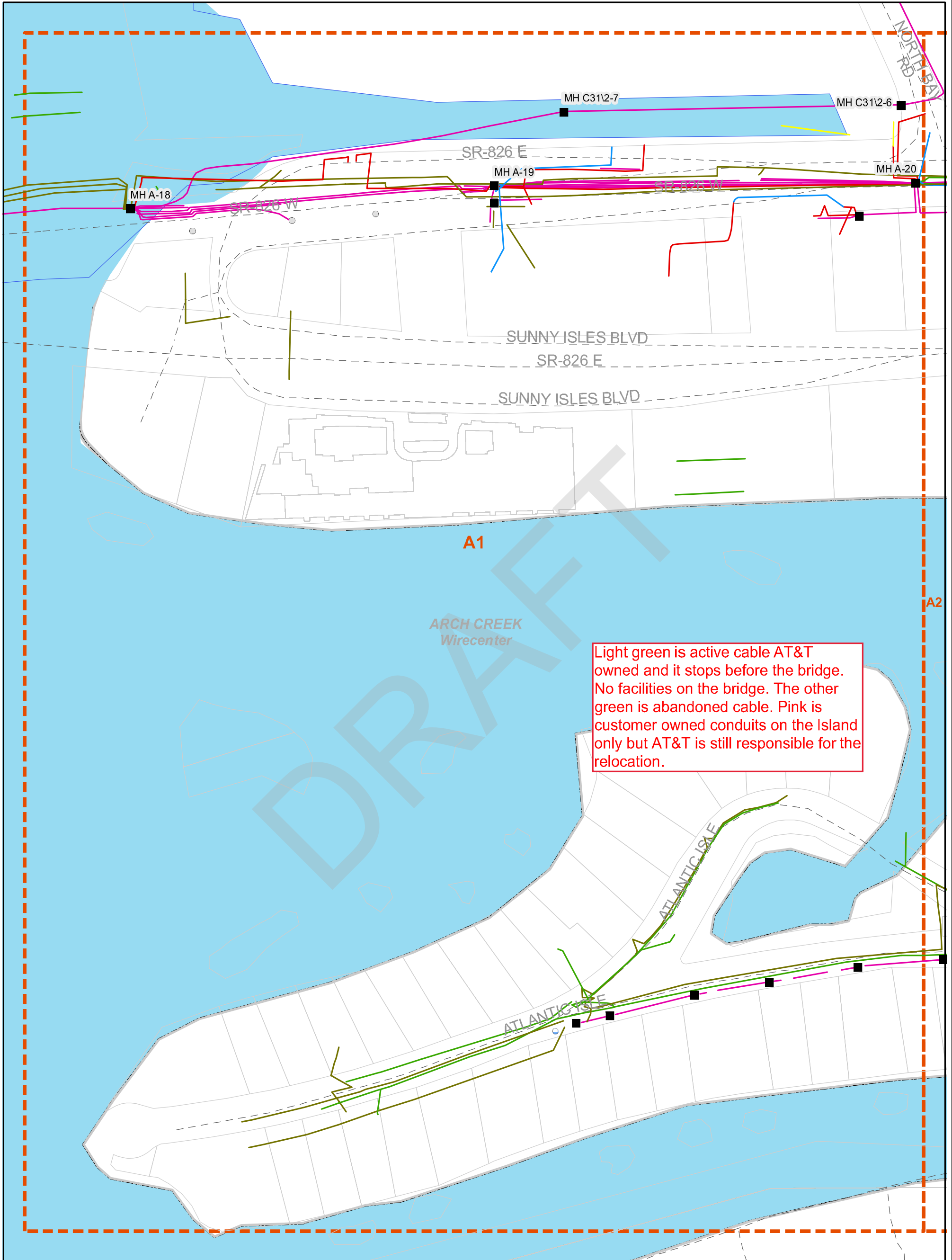


- Manholes
- ▲ Remote Terminals
- Company Poles
- Foreign Poles
- Aerial
- Building
- Buried
- Underground
- Other
- Conduit
- Mapping Index
- Wirecenter Boundary
- Street Centerlines
- Parcels
- JobAOI

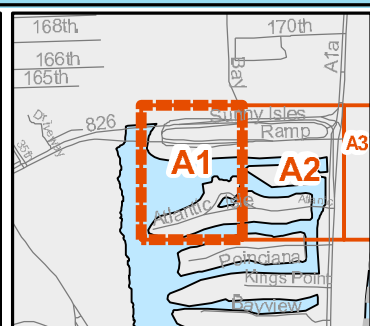
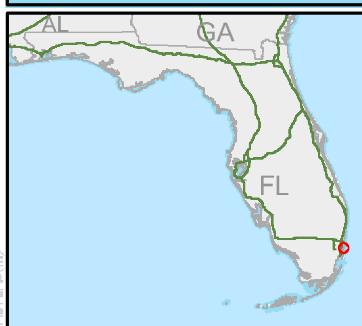
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Location of facilities shown herein are subject to field verification. No liability is assumed by AT&T as to the accuracy of location facilities. Please call USA at 811 two working days in advance of any grading or excavation in vicinity of our underground facilities. AT&T proprietary (internal use only). Not for use or disclosure outside the AT&T companies except under written agreement. Telco proprietary data is not to be disclosed to siloed employees.

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Light green is active cable AT&T owned and it stops before the bridge. No facilities on the bridge. The other green is abandoned cable. Pink is customer owned conduits on the Island only but AT&T is still responsible for the relocation.



1:1,820

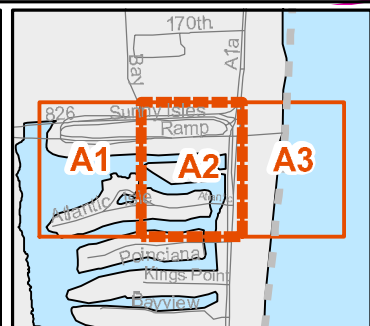
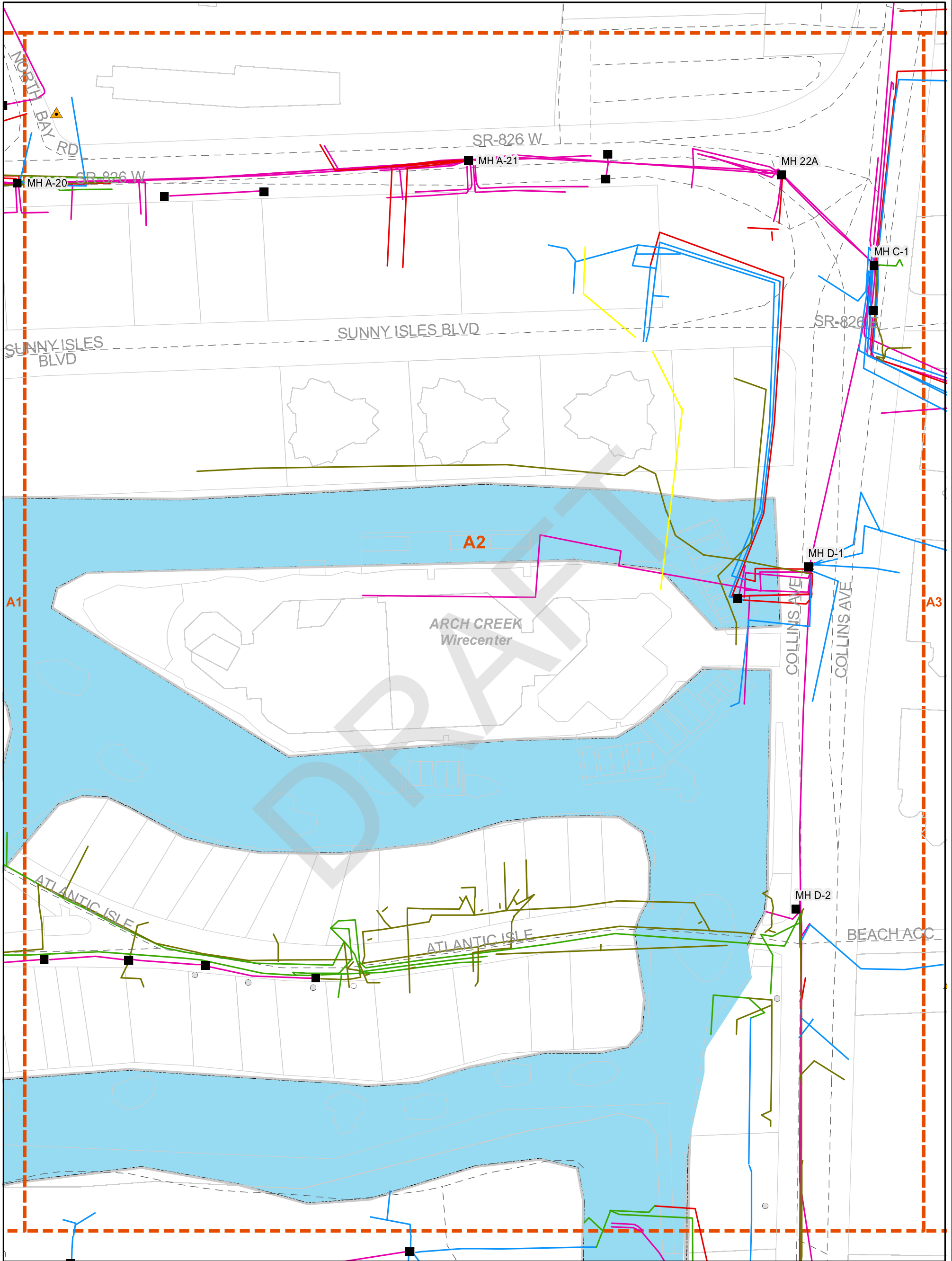


- Manholes
- Company Poles
- Foreign Poles
- Aerial
- Building
- Buried
- Underground
- Other
- Conduit
- Mapping Index
- Wirecenter Boundary
- Street Centerlines
- Parcels

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AT&T PROPRIETARY-This information constitutes confidential trade secrets and commercial or financial information owned by AT&T and is shared for Critical Infrastructure Protection purposes only. It is exempt from disclosure under the Freedom of Information Act (5 USC 552), Exemptions (b)(3)&(4), and its disclosure is prohibited under the Trade Secrets Act (18 USC 1905), the Critical Infrastructure Information Act of 2002, 6 USC 133, and any State or local law requiring disclosure of information or records. This information must not be copied or distributed to others not agreed upon by AT&T, but in all events do not copy or distribute to such others without notification pursuant to Executive Order 12600.



1:1,820



- Manholes
- ▲ Remote Terminals
- Foreign Poles
- Aerial
- Building
- Buried
- Underground
- Other
- Conduit
- Mapping Index
- Wirecenter Boundary
- Street Centerlines
- Parcels

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Location of facilities shown herein are subject to field verification. No liability is assumed by AT&T as to the accuracy of location facilities. Please call USA at 811 two working days in advance of any grading or excavation in vicinity of our underground facilities. AT&T proprietary (internal use only). Not for use or disclosure outside the AT&T companies except under written agreement. Telco proprietary data is not to be disclosed to slied employees.

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**BREEZELINE**

DRAFT

**From:** [Fuentes, Lisandra](#)  
**To:** [Baker, Michael](#)  
**Cc:** [Rodriguez, Xenia](#)  
**Subject:** [EXTERNAL] FW: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)  
**Date:** Wednesday, January 11, 2023 12:31:53 PM

---

Good afternoon Michael,

See email below from Breezeline and let me know if this is sufficient or you need more information.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Javares Hall <jhall@breezeline.com>  
**Sent:** Tuesday, January 10, 2023 3:40 PM  
**To:** Fuentes, Lisandra <Lisandra.Fuentes@dot.state.fl.us>  
**Cc:** Pete Freytag <pfreytag@breezeline.com>; Mark Tenore <mtenore@breezeline.com>; Rodriguez, Xenia <Xenia.Rodriguez@dot.state.fl.us>  
**Subject:** Re: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

Good afternoon Lisandra,

The **red** hyphenated (---) represents underground conduit & cable. The **light blue/aqua** used to be aerial but is also underground due to recent relocation that was completed. Unfortunately I was unable to find the updated as-builts.

Thank you!

## Javares Hall

**C:** 305.213.9908

**E:** [JHall@breezeline.com](mailto:JHall@breezeline.com)

**Breezeline.com**

3541 Enterprise Way, • Miramar, FL 33025

On Mon, Jan 9, 2023 at 9:34 AM Javares Hall <[jhall@breezeline.com](mailto:jhall@breezeline.com)> wrote:

Working on this now

## Javares Hall

**C:** 305.213.9908

**E:** [JHall@breezeline.com](mailto:JHall@breezeline.com)

**Breezeline.com**

3541 Enterprise Way, • Miramar, FL 33025

On Wed, Jan 4, 2023 at 8:43 AM Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)> wrote:

Good morning Javares,

Please provide a legend for these drawings.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Fuentes, Lisandra

**Sent:** Tuesday, December 27, 2022 7:57 AM

**To:** Javares Hall <[jhall@breezeline.com](mailto:jhall@breezeline.com)>

**Cc:** Pete Freytag <[pfreytag@breezeline.com](mailto:pfreytag@breezeline.com)>; Mark Tenore <[mtenore@breezeline.com](mailto:mtenore@breezeline.com)>;  
Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>

**Subject:** RE: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

Good morning Javares,

Please provide a legend for these drawings.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Javares Hall <[jhall@breezeline.com](mailto:jhall@breezeline.com)>  
**Sent:** Friday, December 23, 2022 2:10 PM  
**To:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>  
**Cc:** Pete Freytag <[pfreytag@breezeline.com](mailto:pfreytag@breezeline.com)>; Mark Tenore <[mtenore@breezeline.com](mailto:mtenore@breezeline.com)>;  
Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>  
**Subject:** Re: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

Lisandra,

Here are the screenshots we do not have any PDFs.

Thank you!

**Javares Hall**

**C:** 305.213.9908

**E:** [JHall@breezeline.com](mailto:JHall@breezeline.com)

**Breezeline.com**

3541 Enterprise Way, • Miramar, FL 33025

On Wed, Dec 21, 2022 at 3:33 PM Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)> wrote:

Good afternoon Javares,

We were not able to reference these files in Microstation. Could you please send me the files in pdf?

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Javares Hall <[jhall@breezeline.com](mailto:jhall@breezeline.com)>  
**Sent:** Monday, November 21, 2022 4:25 PM  
**To:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>  
**Cc:** Pete Freytag <[pfreytag@breezeline.com](mailto:pfreytag@breezeline.com)>; Mark Tenore <[mtenore@breezeline.com](mailto:mtenore@breezeline.com)>;  
Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>  
**Subject:** Re: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

**EXTERNAL SENDER: Use caution with links and attachments.**

Good afternoon Lisandra,

Please see all attachments!

After reviewing the description of your work boundary, Breezeline(formerly Atlantic Broadband) has **Facilities** within/near your work boundary.

In the attachment it depicts the location of our facilities.

Please reach out to me with any additional questions or concerns. Please make sure to copy me on all emails.

## Javares Hall

**C:** 305.213.9908

**E:** [JHall@breezeline.com](mailto:JHall@breezeline.com)

**Breezeline.com**

3541 Enterprise Way, • Miramar, FL 33025



On Wed, Nov 16, 2022 at 10:33 AM Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)> wrote:

Good morning to all,

Attached please find the preferred alternative for subject project.

**ADJUSTMENT OF UTILITIES – FLORDIA STATUTES CHAPTER 337.403**

**RE: Project Description:** Project Development & Environment Study  
ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

**F.P. Number:** 430029-2-22-02

**F.A.P. Number:** N/A

**State Road Number:** A1A

**County:** Miami-Dade

The Florida Department of Transportation (FDOT) is in the development phase of the preferred alternative and final location design approval relating to the above project. Facilities owned or maintained by your utility agency/owner (UAO) within the project vicinity may require relocation or adjustment as necessitated by final design selection.

Please review **the preferred alternative and provide ballpark cost estimates**, if your facilities are located on right of way owned by you, in an easement acquired for your use or if you have other compensable property interests within the limits of this project, you may be eligible to have your relocation costs reimbursed by the FDOT.

To maintain project schedules, please return the marked-up plans and your response to this office by **December 14, 2022**.

**If you do not have any existing or proposed facilities within the limits of this project, please advise us of that fact in writing.**

Should additional information be required, please contact me at 305-470-5232. Your cooperation in these matters is appreciated.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)



WISCONSIN BAY

COLLINS AVE (SRAIA)

COLLINS AVE (SRAIA)

MARGALAY

LE PLAIN DE VERANDER HOTEL  
LE PLAIN DE VERANDER HOTEL 2

OCEAN PALM HOTEL  
OLYMPIA  
TROPICANA

SAVY INN

ARLEN HOUSE COMPLEX

SOUTH SLACKS TO ISLAND BRACK

PONGIANA ISLAND  
PONGIANA DR

KINGS POINT DR

CENTURY TOWERS

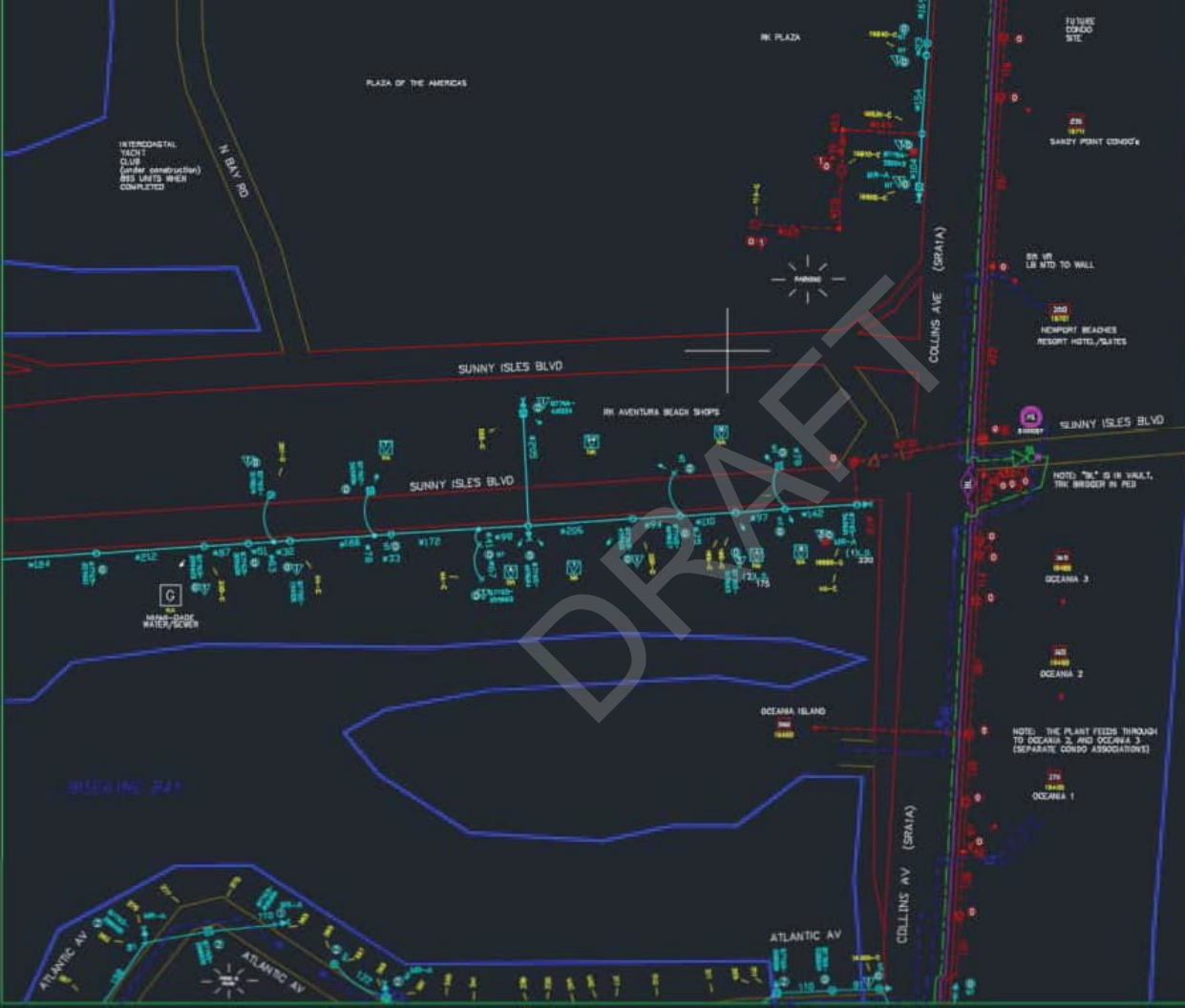
COASTAL TOWERS

HUBBARD POINT IMPERIAL SCHOOL

ATLANTIC AV

WISCONSIN BAY

WISCONSIN BAY



ATLANTIC OCEAN

# **COLUMBUS NETWORKS**

DRAFT

**From:** [Fuentes, Lisandra](#)  
**To:** [Baker, Michael](#)  
**Cc:** [Rodriguez, Yenia](#)  
**Subject:** [EXTERNAL] FW: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)  
**Date:** Tuesday, November 29, 2022 12:28:11 PM  
**Attachments:** [Image001.png](#)

---

Good afternoon Michael, FYI.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Matthew Schwartz <tssimatt@gmail.com>  
**Sent:** Tuesday, November 29, 2022 12:19 PM  
**To:** Fuentes, Lisandra <Lisandra.Fuentes@dot.state.fl.us>  
**Subject:** Re: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

**EXTERNAL SENDER: Use caution with links and attachments.**

Thank you Lisandra,

No facilities

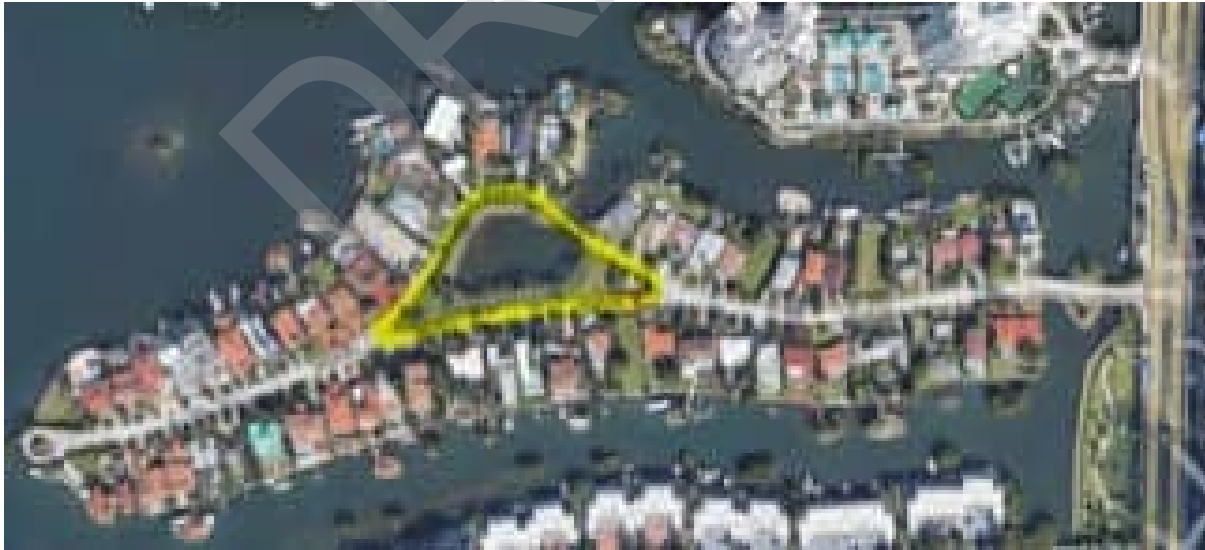
Sent from my iPhone

On Nov 29, 2022, at 8:02 AM, Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)> wrote:

Matt,

Per our conversation, if the Utility Agency Owner (UAO) does not have facilities within the project limits the response will be "No Facilities". If the UAO has facilities within the project limits, the UAO will submit markups and will advise if the facilities are in conflict or not. The design team will review the markups and confirm the conflicts. If there are conflicts a signed Utility Work Schedule (UWS) will be submitted as the final response.

We are working on the highlighted area below.



Should you have any questions, please do not hesitate to contact me.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800

**COMCAST**

DRAFT

**From:** [Fuentes, Lisandra](#)  
**To:** [Baker, Michael](#)  
**Cc:** [Rodriguez, Xenia](#)  
**Subject:** [EXTERNAL] FW: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)  
**Date:** Monday, December 5, 2022 9:03:47 AM  
**Attachments:** [MARK UP 430029-2-22-01\\_Atlantic Isles PDE Preferred Alternaitve Concept Plans.pdf](#)

---

Good morning Michael, FYI.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Olivas, Carlos <Carlos\_Olivas2@comcast.com>  
**Sent:** Monday, December 5, 2022 8:27 AM  
**To:** Fuentes, Lisandra <Lisandra.Fuentes@dot.state.fl.us>  
**Cc:** Davidson, Ricardo A <RicardoA\_Davidson@comcast.com>  
**Subject:** RE: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

**EXTERNAL SENDER: Use caution with links and attachments.**

good morning, please see attached. Thank u

---

**From:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>  
**Sent:** Wednesday, November 16, 2022 10:34 AM  
**To:** [IF452R@ATT.COM](mailto:IF452R@ATT.COM); Steve Low ([sl4504@att.com](mailto:sl4504@att.com)) <[sl4504@att.com](mailto:sl4504@att.com)>; Pete Freytag <[pfreytag@breezeline.com](mailto:pfreytag@breezeline.com)>; Javares Hall <[jhall@breezeline.com](mailto:jhall@breezeline.com)>; Rossy, Karim <[Karim.Rossy@citynmb.com](mailto:Karim.Rossy@citynmb.com)>; Olivas, Carlos <[Carlos\\_Olivas2@comcast.com](mailto:Carlos_Olivas2@comcast.com)>; Matthew Schwartz <[tssimatt@gmail.com](mailto:tssimatt@gmail.com)>; Mcaskill, Emma <[Emma.Mcaskill@fpl.com](mailto:Emma.Mcaskill@fpl.com)>; Joseph, James <[James.Joseph@fpl.com](mailto:James.Joseph@fpl.com)>; Walter Sancho-Davila <[walter.sancho-davila@hotwirecommunication.com](mailto:walter.sancho-davila@hotwirecommunication.com)>; Chong, Patrick A. (WASD) <[Patrick.Chong@miamidade.gov](mailto:Patrick.Chong@miamidade.gov)>; Rivera, David <[DRRivera@tecoenergy.com](mailto:DRRivera@tecoenergy.com)>  
**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>; Negueruela, Haynel <[Haynel.Negueruela@dot.state.fl.us](mailto:Haynel.Negueruela@dot.state.fl.us)>; 'Roche, Alex R.' <[arroche@tecoenergy.com](mailto:arroche@tecoenergy.com)>  
**Subject:** [EXTERNAL] 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

Good morning to all,

Attached please find the preferred alternative for subject project.

**ADJUSTMENT OF UTILITIES – FLORIDIA STATUTES CHAPTER 337.403**

**RE: Project Description:** Project Development & Environment Study  
ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

**F.P. Number:** 430029-2-22-02

**F.A.P. Number:** N/A

**State Road Number:** A1A

**County:** Miami-Dade

The Florida Department of Transportation (FDOT) is in the development phase of the preferred alternative and final location design approval relating to the above project. Facilities owned or maintained by your utility agency/owner (UAO) within the project vicinity may require relocation or adjustment as necessitated by final design selection.

Please review **the preferred alternative and provide ballpark cost estimates**, if your facilities are located on right of way owned by you, in an easement acquired for your use or if you have other compensable property interests within the limits of this project, you may be eligible to have your relocation costs reimbursed by the FDOT.

To maintain project schedules, please return the marked-up plans and your response to this office by **December 14, 2022**.

**If you do not have any existing or proposed facilities within the limits of this project, please advise us of that fact in writing.**

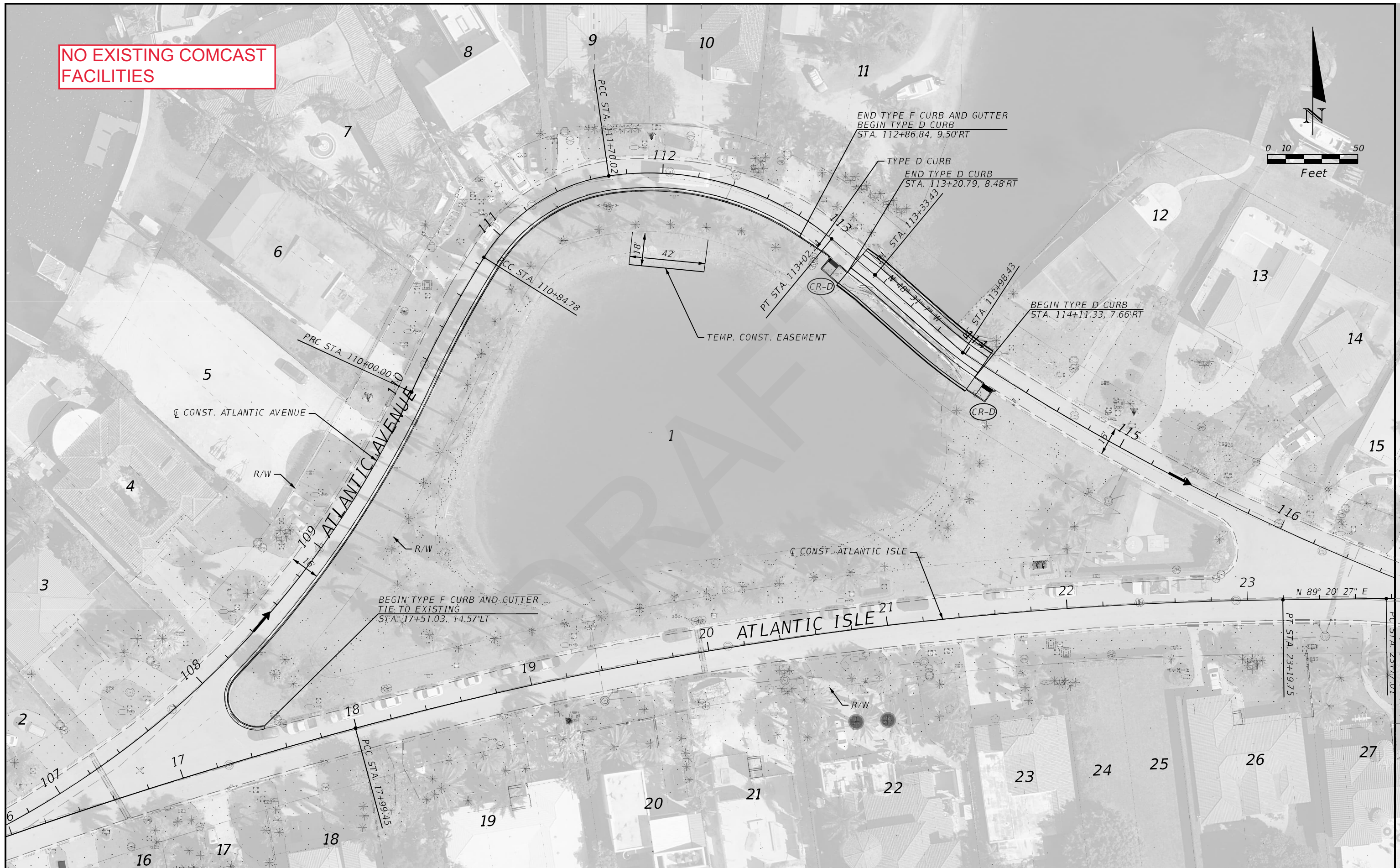
Should additional information be required, please contact me at 305-470-5232. Your cooperation in these matters is appreciated.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)



**NO EXISTING COMCAST FACILITIES**



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

REVISIONS				ALEX MEITIN, P.E. P.E. LICENSE NUMBER 44744 JACOBS ENGINEERING GROUP, INC. 3150 SW 38TH AVE, SUITE 700 MIAMI, FL 33146	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PLAN SHEET BRIDGE REPLACEMENT (ALT 2)	SHEET NO. 4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					MIAMI-DADE	430029-2-22-01			

**FLORIDA POWER AND LIGHT  
DISTRIBUTION**

DRAFT

**From:** [Fuentes, Lisandra](#)  
**To:** [Baker, Michael](#)  
**Cc:** [Rodriguez, Xenia](#)  
**Subject:** [EXTERNAL] FW: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)  
**Date:** Monday, November 28, 2022 1:37:26 PM  
**Attachments:** [FPL Markup - 430029-2-22-01\\_Atlantic Isles PDE Preferred Alternaitve Concept Plans.pdf](#)  
[FPL Record Drawings - 430029-2.pdf](#)  
[FPL Form 360 - 430029-2-22-01\\_ATLANTIC ISLE AT WEST OF SR A1A \(BRIDGE# 874218\).pdf](#)

---

Good afternoon Michael,

See attached from FPL Distribution.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Mcaskill, Emma <Emma.Mcaskill@fpl.com>  
**Sent:** Tuesday, November 22, 2022 3:57 PM  
**To:** Fuentes, Lisandra <Lisandra.Fuentes@dot.state.fl.us>  
**Cc:** Rodriguez, Xenia <Xenia.Rodriguez@dot.state.fl.us>; Negueruela, Haynel <Haynel.Negueruela@dot.state.fl.us>; 'Roche, Alex R.' <arroche@tecoenergy.com>  
**Subject:** RE: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

**EXTERNAL SENDER: Use caution with links and attachments.**

Lisandra,

Please find FPL Distribution's markup, corresponding record drawings and Form 360 for subject project.

Let me know if you have any questions or concerns.

Kind Regards,

*Emma McAskill*

Relocation Coordinator – Florida Power & Light – Power Delivery  
Office: (305) 442-5129  
Cell: (305) 298-2147

---

**From:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>  
**Sent:** Wednesday, November 16, 2022 10:34 AM  
**To:** [IF452R@ATT.COM](mailto:IF452R@ATT.COM); Steve Low ([sl4504@att.com](mailto:sl4504@att.com)) <[sl4504@att.com](mailto:sl4504@att.com)>; Pete Freytag <[pfreytag@breezeline.com](mailto:pfreytag@breezeline.com)>; Javares Hall <[jhall@breezeline.com](mailto:jhall@breezeline.com)>; Rossy, Karim <[Karim.Rossy@citynmb.com](mailto:Karim.Rossy@citynmb.com)>; Olivas, Carlos <[Carlos\\_Olivas2@comcast.com](mailto:Carlos_Olivas2@comcast.com)>; Matthew Schwartz <[tssimatt@gmail.com](mailto:tssimatt@gmail.com)>; Mcaskill, Emma <[Emma.Mcaskill@fpl.com](mailto:Emma.Mcaskill@fpl.com)>; Joseph, James <[James.Joseph@fpl.com](mailto:James.Joseph@fpl.com)>; Walter Sancho-Davila <[walter.sancho-davila@hotwirecommunication.com](mailto:walter.sancho-davila@hotwirecommunication.com)>; Chong, Patrick A. (WASD) <[Patrick.Chong@miamidade.gov](mailto:Patrick.Chong@miamidade.gov)>; Rivera, David <[DRRivera@tecoenergy.com](mailto:DRRivera@tecoenergy.com)>  
**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>; Negueruela, Haynel <[Haynel.Negueruela@dot.state.fl.us](mailto:Haynel.Negueruela@dot.state.fl.us)>; 'Roche, Alex R.' <[arroche@tecoenergy.com](mailto:arroche@tecoenergy.com)>  
**Subject:** 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

Good morning to all,

Attached please find the preferred alternative for subject project.

**ADJUSTMENT OF UTILITIES – FLORDIA STATUTES CHAPTER 337.403**

**RE: Project Description: Project Development & Environment Study  
ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)**

**F.P. Number: 430029-2-22-02**

**F.A.P. Number: N/A**

**State Road Number: A1A**

**County: Miami-Dade**

The Florida Department of Transportation (FDOT) is in the development phase of the preferred alternative and final location design approval relating to the above project. Facilities owned or maintained by your utility agency/owner (UAO) within the project vicinity may require relocation or adjustment as necessitated by final design selection.

Please review **the preferred alternative and provide ballpark cost estimates**, if your facilities are located on right of way owned by you, in an easement acquired for your use or if you have other compensable property interests within the limits of this project, you may be eligible to have your relocation costs reimbursed by the FDOT.

To maintain project schedules, please return the marked-up plans and your response to this office by **December 14, 2022**.

**If you do not have any existing or proposed facilities within the limits of this project, please advise us of that fact in writing.**

Should additional information be required, please contact me at 305-470-5232. Your cooperation in these matters is appreciated.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

DRAFT



FPL

# NOTIFICATION OF FPL FACILITIES

Customer/Agency FDOT District 6  
 Developer/Contractor Name N/A  
 Location of Project ATLANTIC ISLE AT WEST OF SR A1A  
 FPL Representative Emma McAskill  
 Developer/Contractor Representative Lisandra Fuentes

Date of Meeting/Contact: 11/16/2022  
 Project Number/Name: 430029-2-22-01  
 City: Sunny Isles Beach  
 Phone: 305-298-2147  
 FPL Work Request #/Work Order #: \_\_\_\_\_

FPL calls your attention to the fact that there may be energized, high voltage electric lines, both overhead and underground, located in the area of this project. It is imperative that you visually survey the area and that you also take the necessary steps to identify all overhead and underground facilities prior to commencing construction to determine whether the construction of any proposed improvements will bring any person, tool, machinery, equipment or object closer to FPL's power lines than the OSHA-prescribed limits. If it will, you must either re-design your project to allow it to be built safely given the pre-existing power line location, or make arrangements with FPL to either deenergize and ground our facilities, or relocate them, possibly at your expense. **You must do this before allowing any construction near the power lines.** It is impossible for FPL to know or predict whether or not the contractors or subcontractors, and their employees, will operate or use cranes, digging apparatus or other mobile equipment, or handle materials or tools, in dangerous proximity to such power lines during the course of construction, and, if so, when and where. Therefore, if it becomes necessary for any contractor or subcontractor, or their employees, to operate or handle cranes, digging apparatus, draglines, mobile equipment, or any other equipment, tools or materials in such a manner that they might come closer to underground or overhead power lines than is permitted by local, state or federal regulations, you and any such contractor or subcontractor must notify FPL in writing of such planned operation prior to the commencement thereof and make all necessary arrangements with FPL in order to carry out the work in a safe manner. **Any work in the vicinity of the electric lines should be suspended until these arrangements are finalized and implemented.**

The National Electrical Safety Code ("NEC") prescribes minimum clearances that must be maintained. If you build your structure so that those clearances cannot be maintained, you may be required to compensate FPL for the relocation of our facilities to comply with those clearances. As such, you should contact FPL prior to commencing construction near pre-existing underground or overhead power lines to make sure that your proposed improvement does not impinge upon the NEC clearances.

It is your responsibility and the responsibility of your contractors and subcontractors on this project to diligently fulfill the following obligations:

1. Make absolutely certain that all persons responsible for operating or handling cranes, digging apparatus, draglines, mobile equipment or any equipment, tool, or material capable of contacting a power line, are in compliance with all applicable state and federal regulations, including but not limited to U.S. Department of Labor OSHA Regulations, while performing their work.
2. Make sure that all cranes, digging apparatus, draglines, mobile equipment, and all other equipment or materials capable of contacting a power line have attached to them any warning signs required by U.S. Department of Labor OSHA Regulations.
3. Post and maintain proper warning signs and advise all employees, new and old alike, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions):

<u>*Power Line Voltages</u>	<u>**Personnel and Equipment</u> (29 CFR 1910.333 and 1926.600)	<u>Cranes and Derricks</u> (29 CFR 1926.1407, 1408)	<u>Travel under or near Power Lines (on construction sites, no load)</u> (29 CFR 1926.600 – Equipment) (1926.1411 – Cranes and Derricks)	
0 - 750 volts	10 Feet	10 Feet	4 Feet	4 Feet
751 - 50,000 volts	10 Feet	10 Feet	4 Feet	6 Feet
69,000 volts	11 Feet	15 Feet	10 Feet	10 Feet
115,000 volts	13 Feet	15 Feet	10 Feet	10 Feet
138,000 volts	13 Feet	15 Feet	10 Feet	10 Feet
230,000 volts	16 Feet	20 Feet	10 Feet	10 Feet
500,000 volts	25 Feet	25 Feet	16 Feet	16 Feet

**\*When uncertain of the voltage, maintain a distance of 20 feet for voltages up to 350,000 volts and 50 feet for voltages greater than 350,000 volts.**

**\*\*For personnel approaching insulated secondary conductors less than 750 volts, avoid contact (Maintain 10 Feet to bare energized conductors less than 750 volts). For qualified personnel and insulated aerial lift equipment meeting requirements of 29 CFR 1910.333, distances may be reduced to those shown in 29 CFR 1910.333 Table S-5.**

4. All excavators are required to contact the Sunshine State One Call of Florida, phone number 1-800-432-4770 or 811 a minimum of two working days (excluding weekends) in advance of commencement of excavation to ensure facilities are located accurately.
5. Conduct all locations and excavations in accordance with the Florida Statute 556 of the Underground Facilities Damage Prevention & Safety Act and all local city and county ordinances that may apply.
6. When an excavation is to take place within a tolerance zone, an excavator shall use increased caution to protect underground facilities. The protection requires hand digging, pot holing, soft digging, vacuum methods, or similar procedures to identify underground facilities.

A copy of this notification must be provided by you to each contractor and subcontractor on this project, to be shared with their supervision and employees prior to commencing work on this project.

Email

Means by which this notification was provided to customer and/or contractor

Lisandra.Fuentes@dot.state.fl.us

Address

11/22/22

Date

\_\_\_\_\_  
FPL Representative Signature

\_\_\_\_\_  
Customer/Developer/Contractor Representative Signature

\_\_\_\_\_  
Date

CONTRACT PLANS COMPONENTS  
STRUCTURES

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

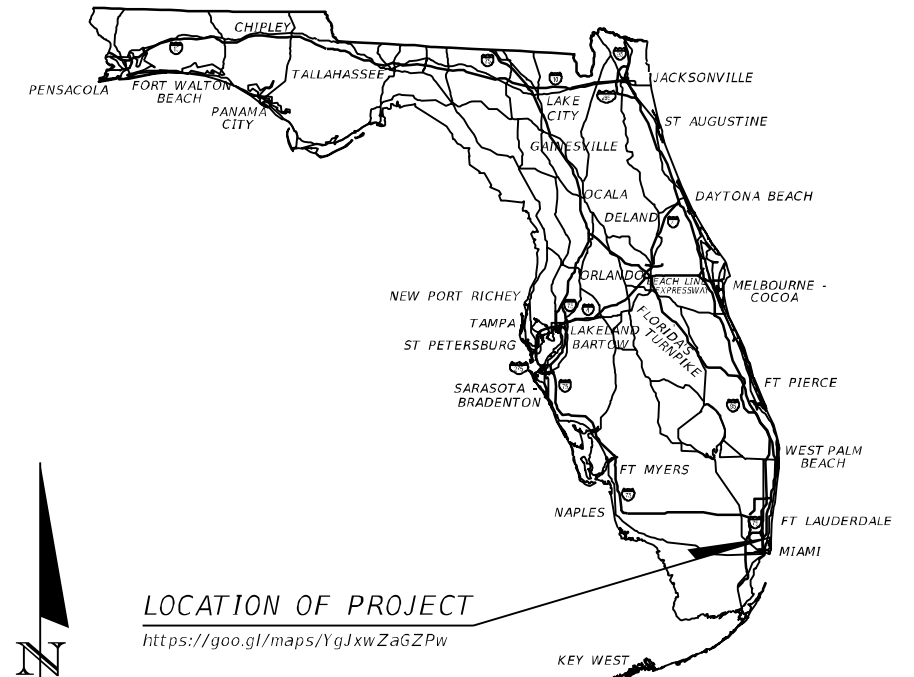
FINANCIAL PROJECT ID 430029-2-22-01

MIAMI-DADE COUNTY (87674)

ATLANTIC AVENUE BRIDGE REPLACEMENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	TYPICAL SECTION
3	PROJECT LAYOUT
4	PLAN SHEET
5	PROFILE
6	TTCP TYPICAL SECTION
7	TRAFFIC CONTROL PLAN
8-9	TTCP CROSS SECTIONS
10	ADVANCE WARNING DETAIL



LOCATION OF PROJECT

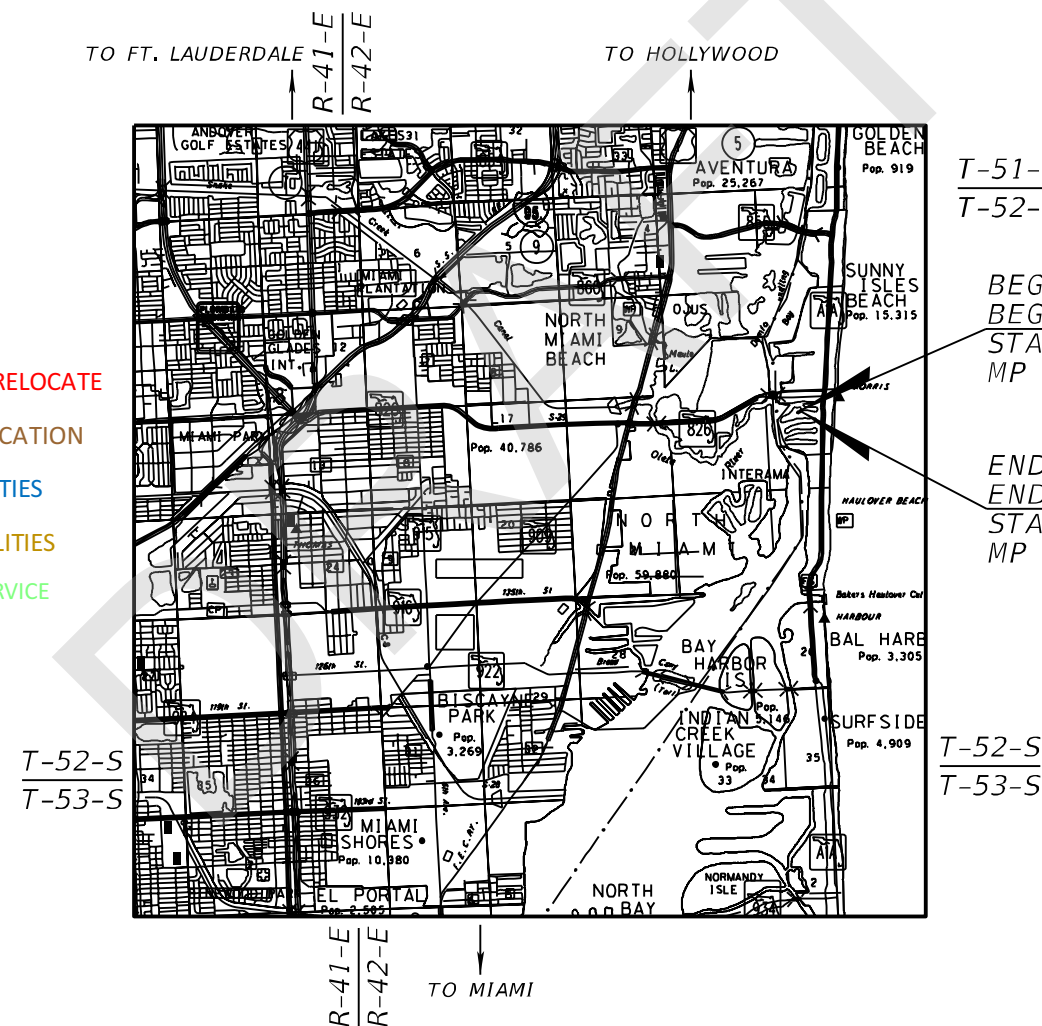
<https://goo.gl/maps/YgJxwZaGZPw>

FPL FACILITIES LEGEND

- = WOOD POLE
- = CONCRETE POLE
- = OVERHEAD CONDUCTOR
- - - = UNDERGROUND CABLE
- ⬡ (MH) = MANHOLE
- ⬡ (▼) = PADMOUNT TRANSFORMER
- ⬡ (4/3, 1/2) = SWITCH CABINET
- ⬡ (●) = SPLICE BOX
- ⬡ (□) = HANDHOLE

CORRESPONDING COLORS:

- GREEN = NOT IN CONFLICT
- RED = IN CONFLICT, NEED TO RELOCATE
- BROWN = NEW PROPOSED LOCATION
- BLUE = TRANSMISSION FACILITIES
- YELLOW = STREET LIGHT FACILITIES
- LIGHT GREEN = SECONDARY/SERVICE FACILITIES



T-51-S  
T-52-S

BEGIN PROJECT  
BEGIN BRIDGE  
STA. 113+46.53  
MP 0.255

END PROJECT  
END BRIDGE  
STA. 113+85.51  
MP 0.264

T-52-S  
T-53-S

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY 22/23 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>

APPLICABLE IRs: IR \_\_\_\_\_

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

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, JULY 2022 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS

ENGINEER OF RECORD:

ALEX MEITIN, P.E.  
P.E. NO.: 44744  
JACOBS ENGINEERING GROUP, INC.  
3150 SW 38TH AVE, SUITE 700  
MIAMI, FL 33146  
CONTRACT NO.: C9U43  
VENDOR NO.: 95-4081636

FDOT PROJECT MANAGER:

NICHOLAS DANU, PE

DRAFT CONCEPT  
NOT FOR CONSTRUCTION  
NOVEMBER 2022

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
		1

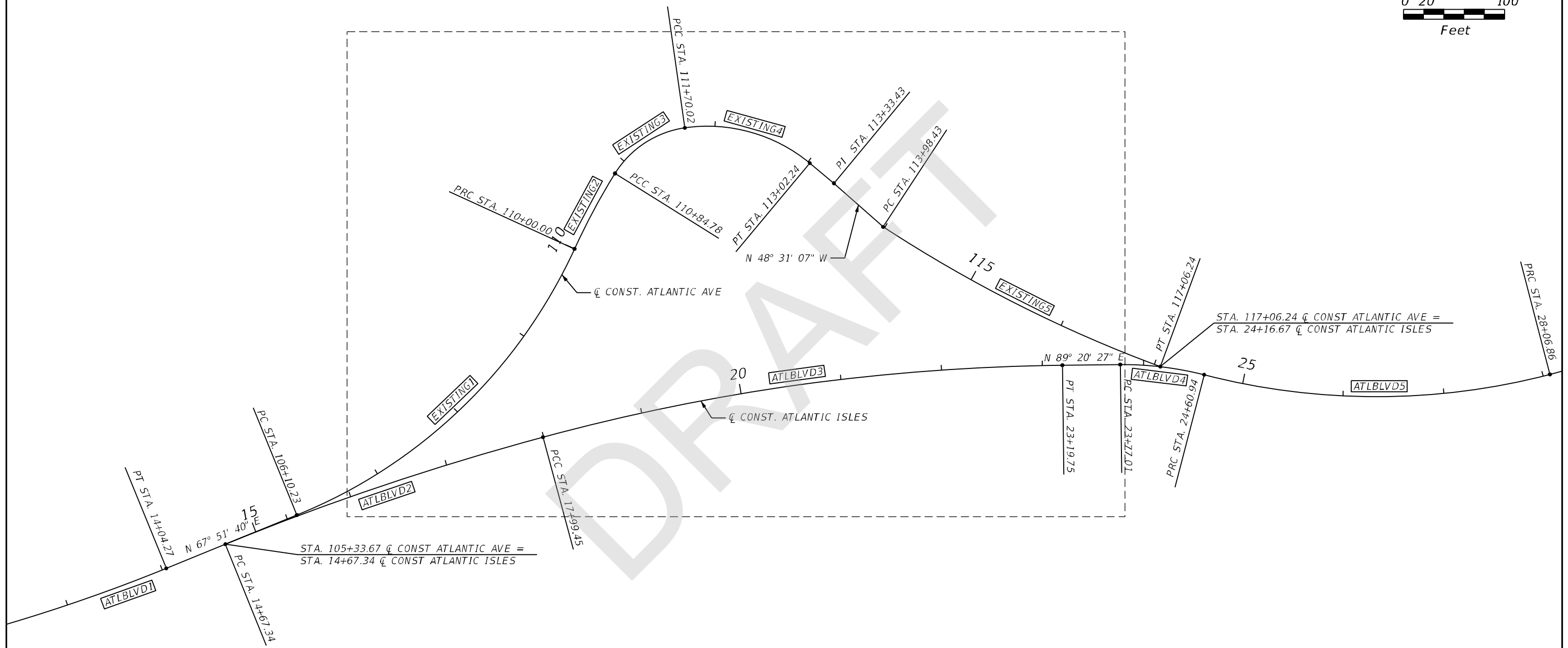
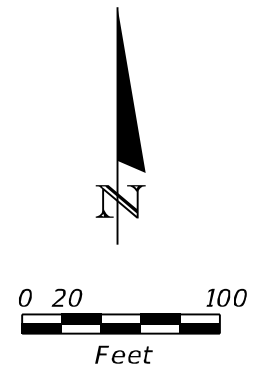
CURVE DATA EXISTING1  
 PI STA. = 108+14.96  
 $\Delta$  = 43° 18' 26" (LT)  
 D = 11° 06' 39"  
 T = 204.73  
 L = 389.77  
 R = 515.67  
 PC STA. = 106+10.23  
 PT STA. = 110+00.00

CURVE DATA EXISTING2  
 PI STA. = 110+42.45  
 $\Delta$  = 7° 24' 30" (RT)  
 D = 8° 44' 20"  
 T = 42.45  
 L = 84.77  
 R = 655.64  
 PC STA. = 110+00.00  
 PT STA. = 110+84.78

CURVE DATA EXISTING3  
 PI STA. = 111+30.30  
 $\Delta$  = 49° 50' 05" (RT)  
 D = 58° 27' 54"  
 T = 45.53  
 L = 85.24  
 R = 98.00  
 PC STA. = 110+84.78  
 PT STA. = 111+70.02

CURVE DATA EXISTING4  
 PI STA. = 112+40.28  
 $\Delta$  = 47° 56' 54" (RT)  
 D = 36° 15' 47"  
 T = 70.26  
 L = 132.22  
 R = 158.00  
 PC STA. = 111+70.02  
 PT STA. = 113+02.24

CURVE DATA EXISTING5  
 PI STA. = 115+52.99  
 $\Delta$  = 12° 52' 22" (LT)  
 D = 4° 10' 56"  
 T = 154.55  
 L = 307.80  
 R = 1,370.00  
 PC STA. = 113+98.43  
 PT STA. = 117+06.24



CURVE DATA ATLBLVD1  
 PI STA. = 12+03.11  
 $\Delta$  = 13° 42' 48" (LT)  
 D = 3° 23' 32"  
 T = 203.11  
 L = 404.27  
 R = 1,689.10  
 PC STA. = 10+00.00  
 PT STA. = 14+04.27

CURVE DATA ATLBLVD2  
 PI STA. = 16+33.61  
 $\Delta$  = 7° 02' 19" (RT)  
 D = 2° 07' 10"  
 T = 166.26  
 L = 332.11  
 R = 2,703.38  
 PC STA. = 14+67.34  
 PT STA. = 17+99.45

CURVE DATA ATLBLVD3  
 PI STA. = 20+60.99  
 $\Delta$  = 14° 26' 28" (RT)  
 D = 2° 46' 32"  
 T = 261.53  
 L = 520.30  
 R = 2,064.31  
 PC STA. = 17+99.45  
 PT STA. = 23+19.75

CURVE DATA ATLBLVD4  
 PI STA. = 24+19.23  
 $\Delta$  = 15° 14' 20" (RT)  
 D = 18° 09' 21"  
 T = 42.22  
 L = 83.93  
 R = 315.58  
 PC STA. = 23+77.01  
 PT STA. = 24+60.94

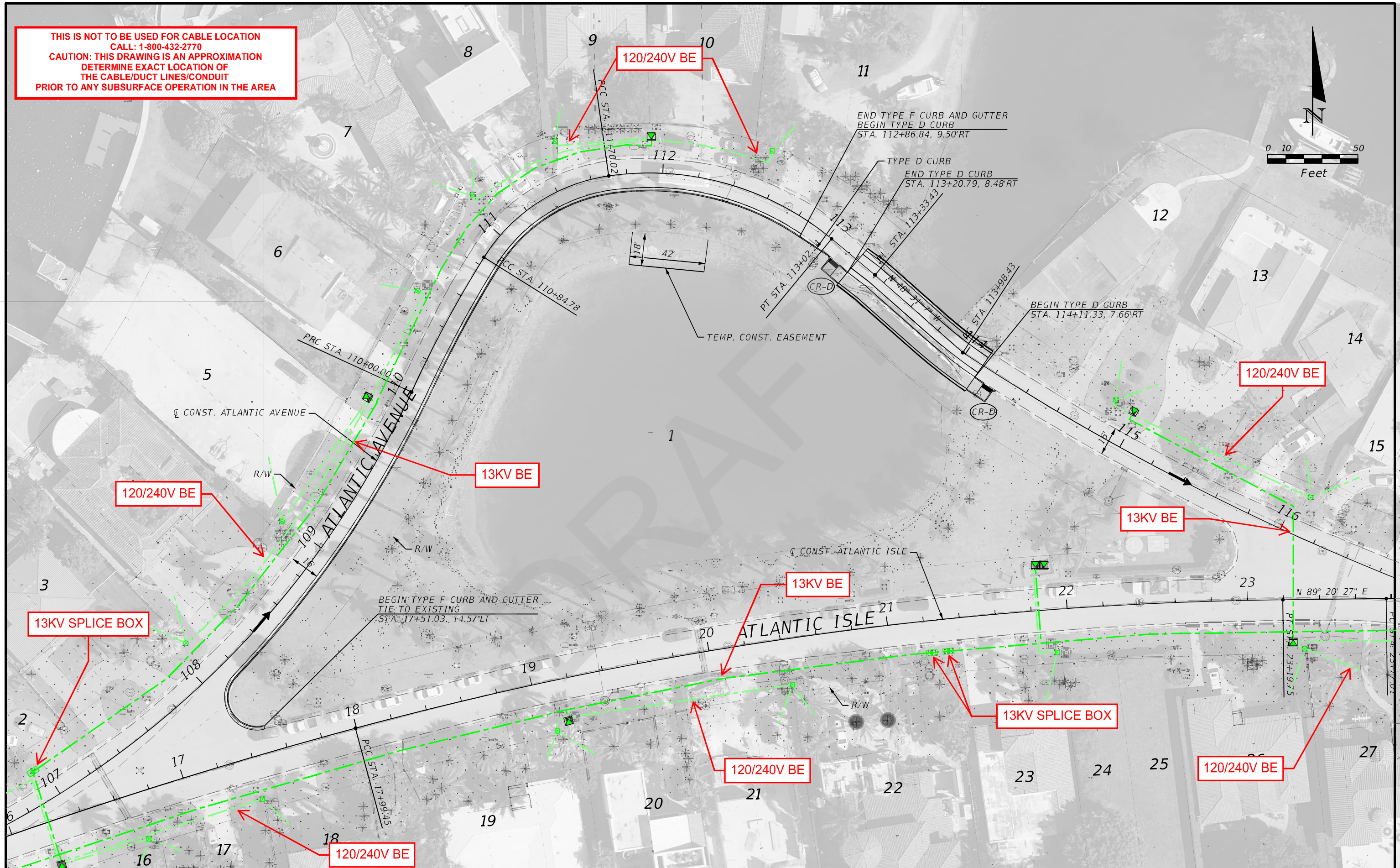
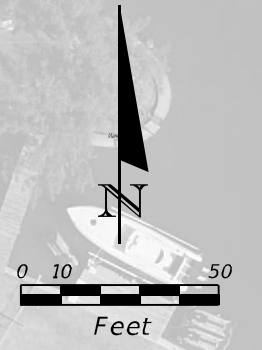
CURVE DATA ATLBLVD5  
 PI STA. = 26+37.72  
 $\Delta$  = 29° 05' 57" (LT)  
 D = 8° 24' 44"  
 T = 176.77  
 L = 345.91  
 R = 681.10  
 PC STA. = 24+60.94  
 PT STA. = 28+06.86

REVISIONS				ALEX MEITIN, P.E. P.E. LICENSE NUMBER 44744 JACOBS ENGINEERING GROUP, INC. 3150 SW 38TH AVE, SUITE 700 MIAMI, FL 33146	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			PROJECT NO.  3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
					MIAMI-DADE	430029-2-22-01	PROJECT LAYOUT	

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



**THIS IS NOT TO BE USED FOR CABLE LOCATION  
CALL: 1-800-432-2770  
CAUTION: THIS DRAWING IS AN APPROXIMATION  
DETERMINE EXACT LOCATION OF  
THE CABLE/DUCT LINES/CONDUIT  
PRIOR TO ANY SUBSURFACE OPERATION IN THE AREA**



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ALEX MEITIN, P.E.  
P.E. LICENSE NUMBER 44744  
JACOBS ENGINEERING GROUP, INC.  
3150 SW 38TH AVE, SUITE 700  
MIAMI, FL 33146

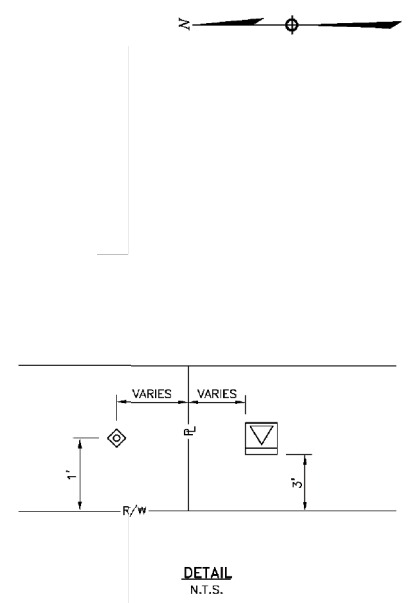
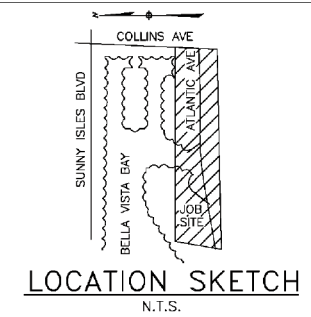
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	MIAMI-DADE	430029-2-22-01

**PLAN SHEET**  
**BRIDGE REPLACEMENT (ALT 2)**

SHEET NO.  
4

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

INACCESSIBLE  13KV  FUTURE 23KV  23KV  SALT SPRAY  NULL



The location and existence of any facilities may not be relied upon by the supplier in responding to a bid or in complying with any contract. Supplier is responsible for evaluating site conditions both above and below ground including underground facility locations.

REFERENCE DWG's  
2357-7 2357-12  
2357-10, 2357-14 SCHEM.

ATTENTION  
ROW AGREEMENT

**THIS IS NOT TO BE USED FOR CABLE LOCATION**  
**CALL: 1-800-432-2770**  
**CAUTION: THIS DRAWING IS AN APPROXIMATION**  
**DETERMINE EXACT LOCATION OF**  
**THE CABLE/DUCT LINES/CONDUIT**  
**PRIOR TO ANY SUBSURFACE OPERATION IN THE AREA**

CONSTRUCTION NOTES - WR# 3085448

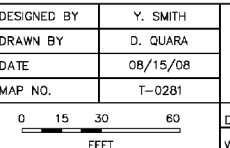
- REQUIRED DRAWINGS**  
2357-14  
2357-10  
2357-11  
2357-12  
2357-13(NOTES)  
8MA03803  
MBPP643  
7164-1  
**UTILITY CONTACT LIST**  
CALL SUNSHINE 1-800-432-4770

**IMPORTANT:**  
THE UNDERGROUND FACILITIES AND ASSOCIATED EQUIPMENT ARE IN THE RIGHT OF WAY DUE TO SPECIAL REQUEST BY THE LOCAL GOVERNMENT AGENCY AND ARE COVERED BY SPECIAL AGREEMENT WITH THE LOCAL GOVERNMENT. SHOULD THE LOCAL GOVERNMENT OR OTHER RIGHT OF WAY REQUIRE FPL TO RELOCATE, ADJUST OR REARRANGE ANY OF THESE FACILITIES, AS THEY MAY EXIST INITIALLY OR LATER TO BE MODIFIED, UPGRADED, OR OTHERWISE ALTERED, THE LOCAL GOVERNMENT SHALL PROVIDE FPL WITH A SUBSTITUTE LOCATION, INCLUDING ANY EASEMENTS THAT MAY BE NECESSARY, AND PAY ANY COSTS FOR THE RELOCATION, ADJUSTMENT, OR REARRANGEMENT. THE LOCAL GOVERNMENT SHALL ALSO REIMBURSE FPL FOR ANY COSTS TO LOCATE, EXPOSE, PROTECT OR SUPPORT THE FACILITIES. IN THE EVENT OF FUTURE CONSTRUCTION OR EXCAVATION IN CLOSE PROXIMITY TO THE FACILITIES, REQUEST A COPY OF THE RIGHT OF WAY FROM DDC FILES/90 FOR FURTHER DETAILS.

PLOT DATE: 3/4/2010 PLOT TIME: 4:13:49 PM CAD NAME: EXE

TWP: 52 RING: 42 SEC: 14 QTR: 2

AS-BUILT COPY		AS-BUILT CREW PRINT		Easement?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Survey/Stake?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Work with SMO?	YES <input type="checkbox"/> NO <input type="checkbox"/>	DESIGNED BY Y. SMITH	M/A: ND	ATLANTIC ISLE OH/UG	
DATE	DATE	Foreman's Signature	Date	Tree Work?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Designer/Stake?	YES <input type="checkbox"/> NO <input type="checkbox"/>	CT/Special Mtr?	YES <input type="checkbox"/> NO <input type="checkbox"/>				DRAWN BY D. QUARA
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.				Map Posting?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Trench Feet		Duct Bank Feet		DATE 08/15/08	DWG NO. <b>2357-11</b>	WR: <b>3085448</b> WR: <b>7491-47-875</b>	
ASBUILT	AUTH NO.	NO.	DATE	Supervisor's Signature	Date	City	DR. DIST.	COUNTY AIR	STATE RD	MAP NO. T-0281			
OH TO UG CONVERSION FOR ATLANTIC ISLE				All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.				WMD	RR KING	COUNTY RD.	TRANSM.		
PRELIMINARY BACKGROUND				Foreman's Signature	Date	Posted by	Telephone Request?	YES <input type="checkbox"/> NO <input type="checkbox"/>	CATV Request?	YES <input type="checkbox"/> NO <input type="checkbox"/>			



CONSTRUCTION NOTES - WR# 3085448

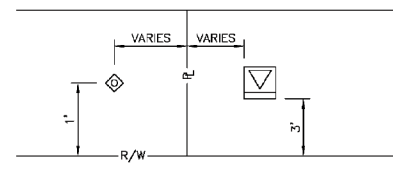
**REQUIRED DRAWINGS**

- 2357-14
- 2357-10
- 2357-11
- 2357-12
- 2357-13(NOTES)
- BMA03803
- MBPP843
- 7154-1

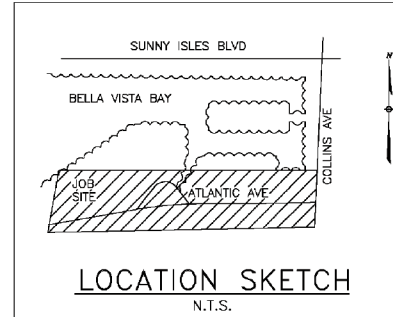
**UTILITY CONTACT LIST**  
CALL SUNSHINE 1-800-432-4770

**IMPORTANT:**  
THE UNDERGROUND FACILITIES AND ASSOCIATED EQUIPMENT ARE IN THE RIGHT OF WAY DUE TO SPECIAL REQUEST BY THE LOCAL GOVERNMENT AGENCY AND ARE COVERED BY SPECIAL AGREEMENT WITH THE LOCAL GOVERNMENT. SHOULD THE LOCAL GOVERNMENT OR OTHER RIGHT OF WAY REQUIRE FPL TO RELOCATE, ADJUST OR REARRANGE ANY OF THESE FACILITIES, AS THEY MAY EXIST INITIALLY OR LATER TO BE MODIFIED, UPGRADED, OR OTHERWISE ALTERED, THE LOCAL GOVERNMENT SHALL PROVIDE FPL WITH A SUBSTITUTE LOCATION, INCLUDING ANY EASEMENTS THAT MAY BE NECESSARY, AND PAY ANY COSTS FOR THE RELOCATION, ADJUSTMENT, OR REARRANGEMENT. THE LOCAL GOVERNMENT SHALL ALSO REIMBURSE FPL FOR ANY COSTS TO LOCATE, EXPOSE, PROTECT OR SUPPORT THE FACILITIES, IN THE EVENT OF FUTURE CONSTRUCTION OR EXCAVATION IN CLOSE PROXIMITY TO THE FACILITIES. REQUEST A COPY OF THE RIGHT OF WAY FROM DOC FILES/GO FOR FURTHER DETAILS.

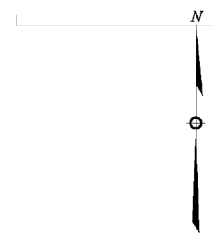
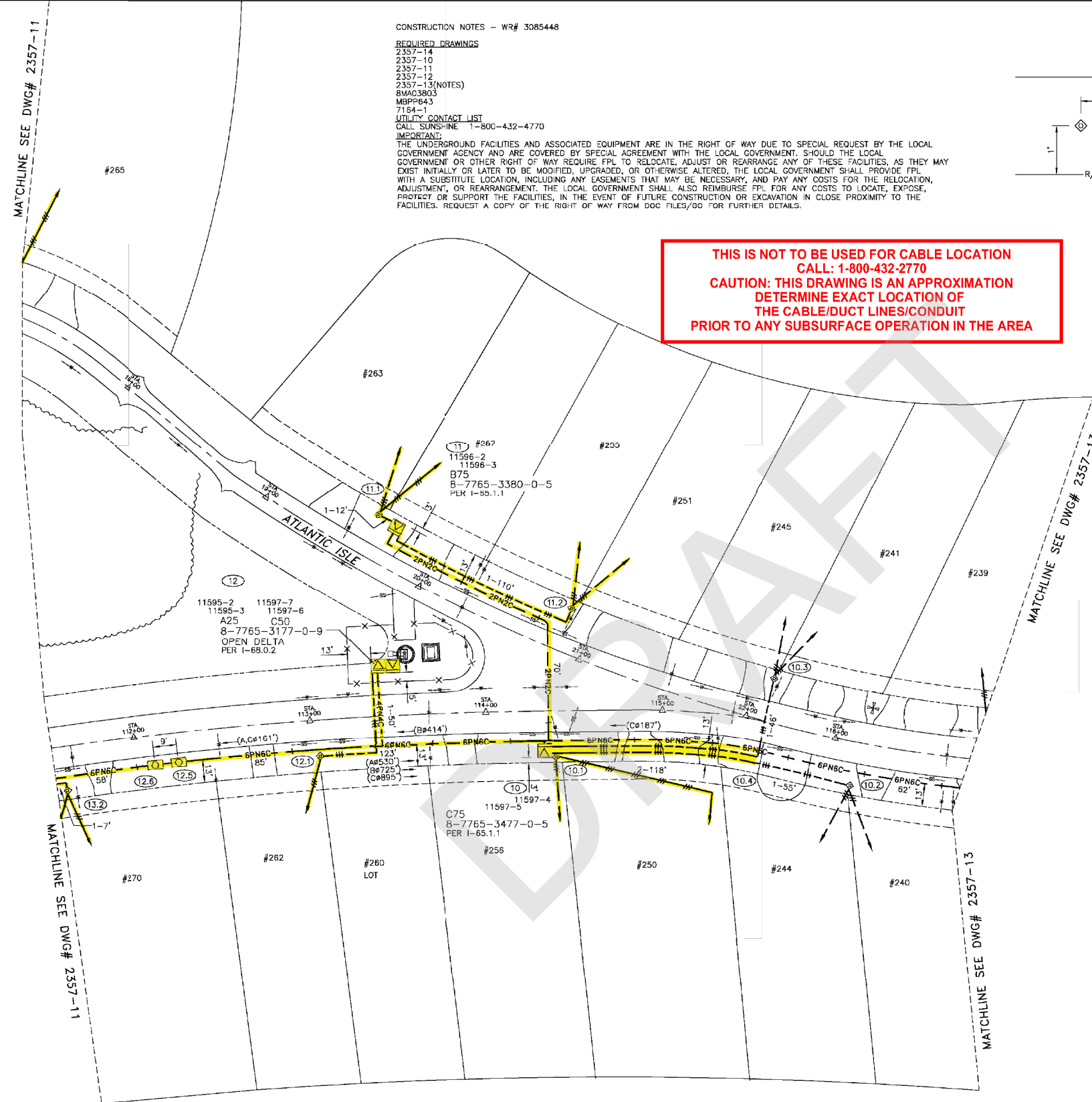
- INACCESSIBLE
- 1.3KV
- FUTURE 23KV
- 23KV
- SALT SPRAY
- NULL



DETAIL  
N.T.S.



THIS IS NOT TO BE USED FOR CABLE LOCATION  
CALL: 1-800-432-2770  
CAUTION: THIS DRAWING IS AN APPROXIMATION  
DETERMINE EXACT LOCATION OF  
THE CABLE/DUCT LINES/CONDUIT  
PRIOR TO ANY SUBSURFACE OPERATION IN THE AREA



The location and existence of any facilities may not be relied upon by the supplier in responding to a bid or in complying with any contract. Supplier is responsible for evaluating site conditions both above and below ground including underground facility locations.

**REFERENCE DWG's**

- 2357-7, 2357-14 SCHEM.
- 2357-11
- 2357-13

ATTENTION  
**ROW AGREEMENT**

TWP: 52 RING: 42 SEC: 14 QTR: 2

PLOT DATE: 12/16/2010 PLOT TIME: 8:04:10 AM CAD NAME: JAV

3085448	1	08/15/08	OH TO UG CONVERSION FOR ATLANTIC ISLE - CORRECT ELBOW NUMBERS IN SW CAB'S 8-13-10
3085448	0	07/21/08	PRELIMINARY BACKGROUND

REVISION

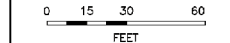
AS-BUILT COPY		AS-BUILT CREW PRINT	
Initialed	Cert. Date	Foreman's Signature	Date
Job CERTIFIED COMPLETED as shown on this AS-BUILT print. Material changes shown on ROS.			
Supervisor's Signature		Date	
All required ground rods have been driven & verified to be within FPL standards. Values are shown at all locations.			
Foreman's Signature		Date	

Easement?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Survey/Stake?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Work with SMO?	YES <input type="checkbox"/> NO <input type="checkbox"/>
Tree Work?	YES <input type="checkbox"/> NO <input type="checkbox"/>	Designer/Stake?	YES <input type="checkbox"/> NO <input type="checkbox"/>	CT/Special Mtr?	YES <input type="checkbox"/> NO <input type="checkbox"/>
Map Posting?	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	Trench Feet	Duct Bank Feet		
Posted by	Telephone Request? YES <input type="checkbox"/> NO <input type="checkbox"/>	CATV Request?	YES <input type="checkbox"/> NO <input type="checkbox"/>		



DESIGNED BY	Y. SMITH
DRAWN BY	D. QUARA
DATE	08/15/08
MAP NO.	T-0281

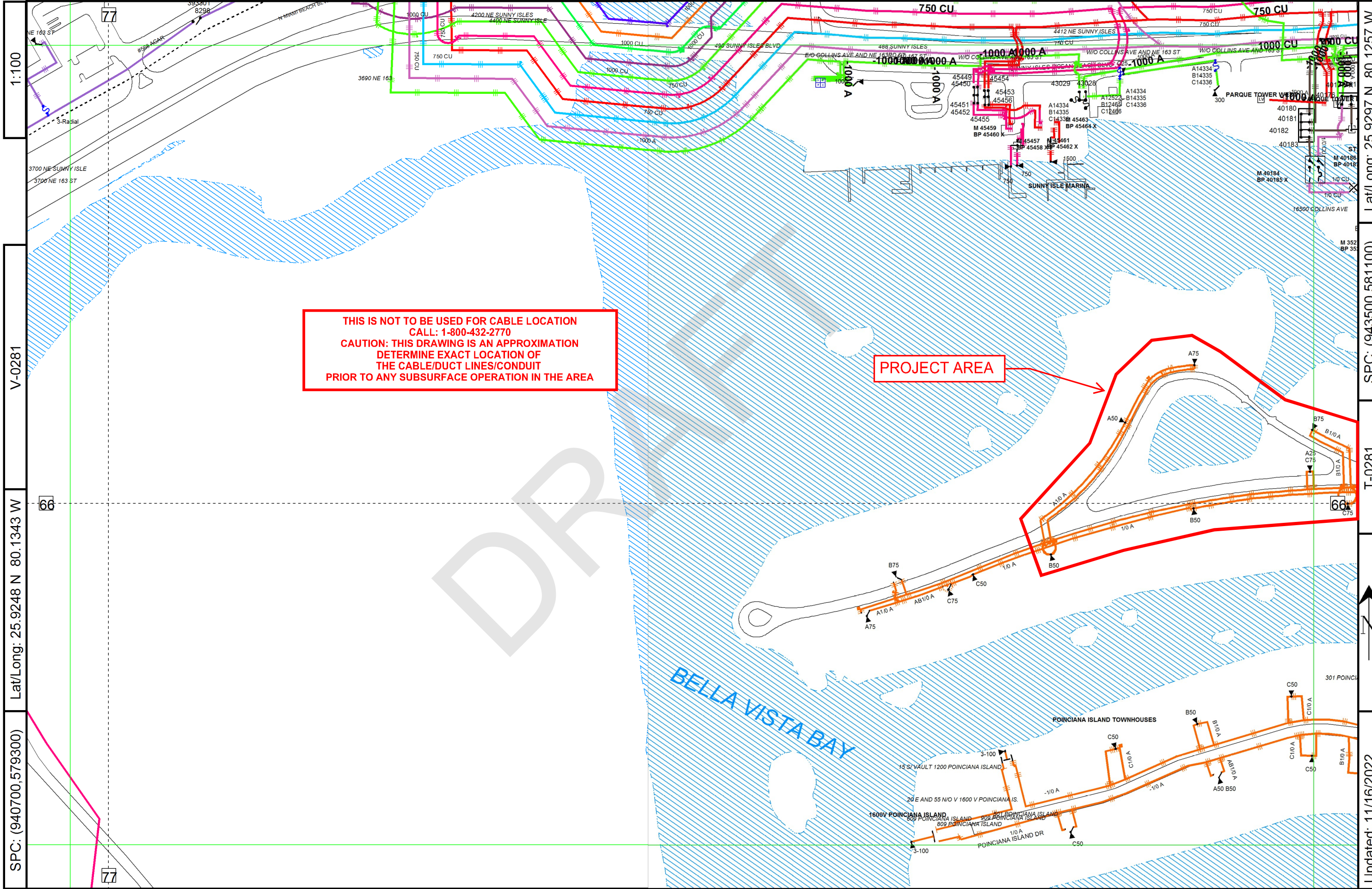
M/A: ND	
ATLANTIC ISLE OH/UG	
ATLANTIC ISLE SUNNY ISLE/MIAMI-DADE CNTY, FL	
DWG NO. <b>2357-12</b>	
WR: <b>3085448</b> WR: <b>7491-47-875</b>	



Call before you dig! 1-800-432-4770

U-0282

Confidential: For Florida Power & Light Company use only.



**THIS IS NOT TO BE USED FOR CABLE LOCATION**  
**CALL: 1-800-432-2770**  
**CAUTION: THIS DRAWING IS AN APPROXIMATION**  
**DETERMINE EXACT LOCATION OF**  
**THE CABLE/DUCT LINES/CONDUIT**  
**PRIOR TO ANY SUBSURFACE OPERATION IN THE AREA**

**PROJECT AREA**

V-0281

Lat/Long: 25.9248 N 80.1343 W

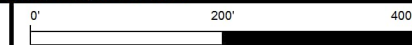
SPC: (940700,579300)

County: Dade

Mgmt Area: North Dade

Svc Ctr: Northeast

U-0280



Primary Map: U-0281

1:100

66

77

Lat/Long: 25.9297 N 80.1257 W

SPC: (943500,581100)

T-0281



Updated: 11/16/2022

**FLORIDA POWER AND LIGHT  
TRANSMISSION**

DRAFT

**From:** [Fuentes, Lisandra](#)  
**To:** [Baker, Michael](#)  
**Subject:** [EXTERNAL] FW: 430029-2-21-01 - FPL Transmission Response  
**Date:** Wednesday, December 14, 2022 3:34:06 PM  
**Attachments:** [image001.png](#)

---

Good afternoon Michael,

See email below from FPL Transmission.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Joseph, James <James.Joseph@fpl.com>  
**Sent:** Friday, December 9, 2022 11:28 AM  
**To:** Fuentes, Lisandra <Lisandra.Fuentes@dot.state.fl.us>  
**Cc:** Dillman, Gretchen <Gretchen.Dillman@nexteraenergy.com>  
**Subject:** 430029-2-21-01 - FPL Transmission Response

**EXTERNAL SENDER: Use caution with links and attachments.**

Good morning Lisandra,

FPL Transmission has reviewed your plans and has determined that we have no facilities within the project limits.

Please note that Gretchen Dillman will be replacing me as the FPL Transmission Relocation Coordinator for both Miami-Dade and Broward. Please forward all requests to her moving forward.

Thank you,

**James Joseph**  
Engineering Lead – Transmission Engineering  
(561) 904-3634 tel

**HOTWIRE**

DRAFT

**From:** [Fuentes, Lisandra](#)  
**To:** [Baker, Michael](#)  
**Cc:** [Danu, Nicholas](#); [Rodriguez, Xenia](#)  
**Subject:** FW: [External]430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)  
**Date:** Wednesday, November 16, 2022 2:01:00 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)

---

FYI.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Walter Sancho-Davila <[walter.sancho-davila@hotwirecommunication.com](mailto:walter.sancho-davila@hotwirecommunication.com)>  
**Sent:** Wednesday, November 16, 2022 1:54 PM  
**To:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>  
**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>; Negueruela, Haynel <[Haynel.Negueruela@dot.state.fl.us](mailto:Haynel.Negueruela@dot.state.fl.us)>; 'Roche, Alex R.' <[arroche@tecoenergy.com](mailto:arroche@tecoenergy.com)>  
**Subject:** RE: [External]430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

**EXTERNAL SENDER: Use caution with links and attachments.**

Good afternoon Lisandra,

We have no facilities in this area, therefore, there are no conflicts with this. Please, accept this email as our official response to your request.

Please, let us know if we need to coordinate any work with you.

Thank you

**Walter Sancho-Davila** | Project Manager | OSP Engineering

Office: 954.699.0900

Cell: 954.248.7396



[walter.sancho-davila@hotwirecommunication.com](mailto:walter.sancho-davila@hotwirecommunication.com)



2100 W Cypress Creek Rd  
Fort Lauderdale, FL 33309

**CORPORATE SITE:** [www.hotwirecommunications.com](http://www.hotwirecommunications.com)

**CUSTOMER SITE:** [www.gethotwired.com](http://www.gethotwired.com)

### [Hotwire's BBB Rating](#)

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---

**From:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>

**Sent:** Wednesday, November 16, 2022 10:34 AM

**To:** [IF452R@ATT.COM](mailto:IF452R@ATT.COM); Steve Low ([sl4504@att.com](mailto:sl4504@att.com)) <[sl4504@att.com](mailto:sl4504@att.com)>; Pete Freytag <[pfreytag@breezeline.com](mailto:pfreytag@breezeline.com)>; Javares Hall <[jhall@breezeline.com](mailto:jhall@breezeline.com)>; Rossy, Karim <[Karim.Rossy@citynmb.com](mailto:Karim.Rossy@citynmb.com)>; Olivas, Carlos <[Carlos\\_Olivas2@comcast.com](mailto:Carlos_Olivas2@comcast.com)>; Matthew Schwartz <[tssimatt@gmail.com](mailto:tssimatt@gmail.com)>; Mcaskill, Emma <[Emma.Mcaskill@fpl.com](mailto:Emma.Mcaskill@fpl.com)>; Joseph, James <[James.Joseph@fpl.com](mailto:James.Joseph@fpl.com)>; Walter Sancho-Davila <[walter.sancho-davila@hotwirecommunication.com](mailto:walter.sancho-davila@hotwirecommunication.com)>; Chong, Patrick A. (WASD) <[Patrick.Chong@miamidade.gov](mailto:Patrick.Chong@miamidade.gov)>; Rivera, David <[DRRivera@tecoenergy.com](mailto:DRRivera@tecoenergy.com)>

**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>; Negueruela, Haynel <[Haynel.Negueruela@dot.state.fl.us](mailto:Haynel.Negueruela@dot.state.fl.us)>; 'Roche, Alex R.' <[arroche@tecoenergy.com](mailto:arroche@tecoenergy.com)>

**Subject:** [External]430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

Good morning to all,

Attached please find the preferred alternative for subject project.

**ADJUSTMENT OF UTILITIES – FLORDIA STATUTES CHAPTER 337.403**

**RE: Project Description:** Project Development & Environment Study  
ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

**F.P. Number:** 430029-2-22-02

**F.A.P. Number:** N/A

**State Road Number:** A1A

**County:** Miami-Dade

The Florida Department of Transportation (FDOT) is in the development phase of the preferred

alternative and final location design approval relating to the above project. Facilities owned or maintained by your utility agency/owner (UAO) within the project vicinity may require relocation or adjustment as necessitated by final design selection.

Please review **the preferred alternative and provide ballpark cost estimates**, if your facilities are located on right of way owned by you, in an easement acquired for your use or if you have other compensable property interests within the limits of this project, you may be eligible to have your relocation costs reimbursed by the FDOT.

To maintain project schedules, please return the marked-up plans and your response to this office by **December 14, 2022**.

**If you do not have any existing or proposed facilities within the limits of this project, please advise us of that fact in writing.**

Should additional information be required, please contact me at 305-470-5232. Your cooperation in these matters is appreciated.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

# **MIAMI-DADE WATER AND SEWER**

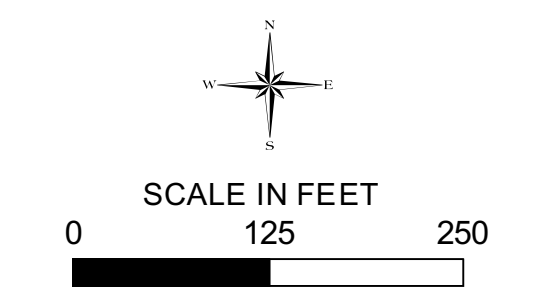
DRAFT

# Sewer Service Area Sewer Donations and Capital Projects

A	B
C	D

- Legend**
- Air Release Valve
  - Manhole
  - Overflow/Bypass
  - Trap/Drop
  - Auto Control Valve
  - Clean Out
  - Access Manhole
  - Manual Control Valve
  - ◇ Check Valve
  - Pump Station
  - Emergency Overflow Point
  - Emergency Pump Discharge
  - Outfall Point Discharge
  - Wet Well
  - Flow Meter
  - Holding Structure
  - Continuation point
  - Cross
  - ▬ Plug
  - ▬ Reducer
  - Injection Well
  - Lamp Hole
  - Private Station
  - Treatment Plant
  - Miscellaneous
  - Private
  - Donation Line
  - PCTS Active
  - PCTS Completed
  - PCTS Future/On Hold
  - Aerial Crossing
  - Subaqueous Crossing
  - Casing
  - Force Main
  - Interceptor
  - Inverted Siphon
  - Gravity Main
  - Sewer Lateral
  - Emergency Overflow
  - Outfall
  - Sludge
  - Private
  - Abandoned
  - Miscellaneous
  - Blocks
  - 1/4 Atlas Grid
  - ▭ Service Area Boundary
  - ▭ Municipality
  - Bodies Of Water

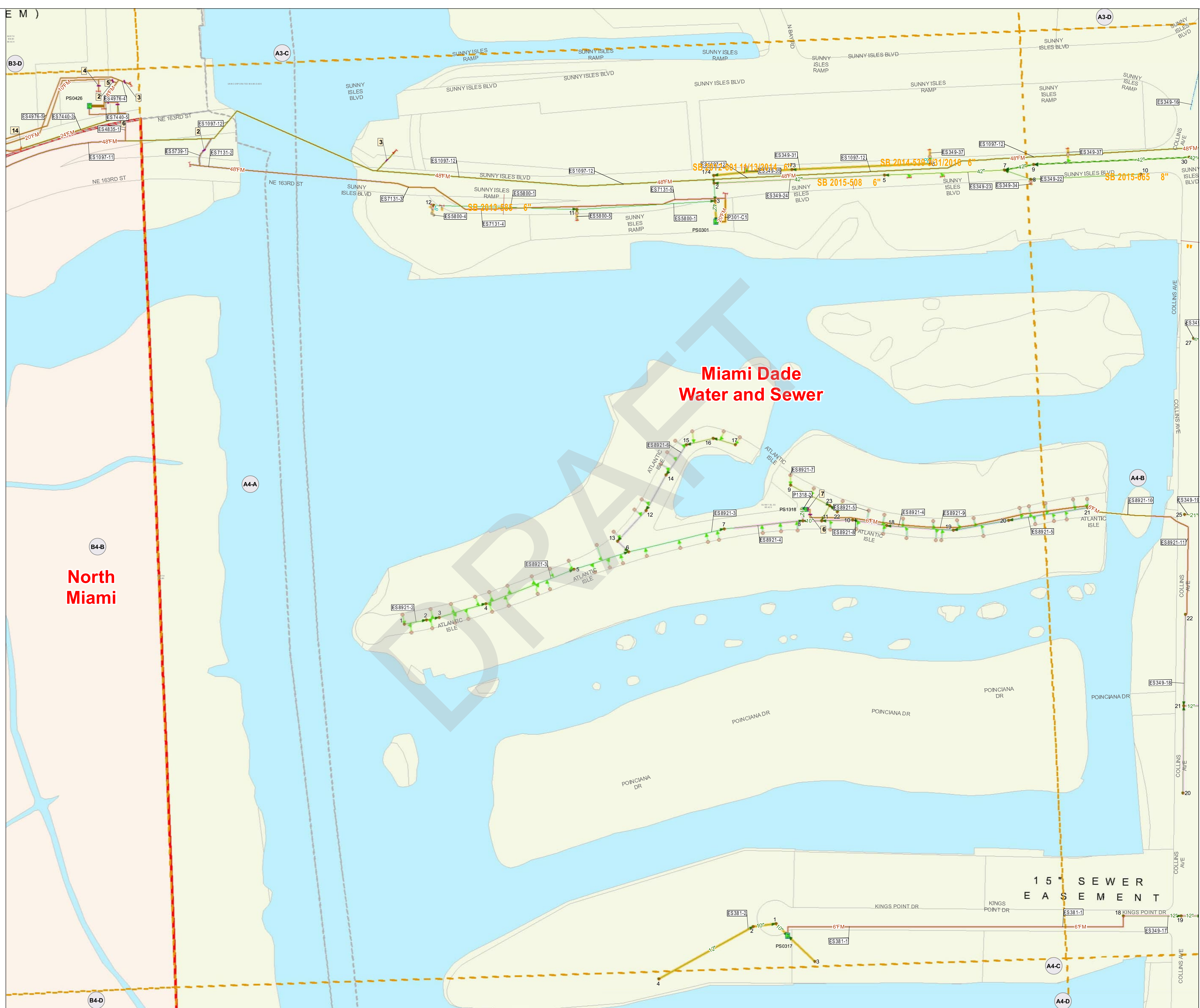
- Service Area**
- Miami-Dade Water and Sewer
  - North Miami



The materials contained herein are provided "AS IS" and may contain inaccuracies. User is warned to utilize the materials herein at User's own risk and to verify the materials accuracy independently and ASSUMES THE RISK OF ANY AND ALL LOSS

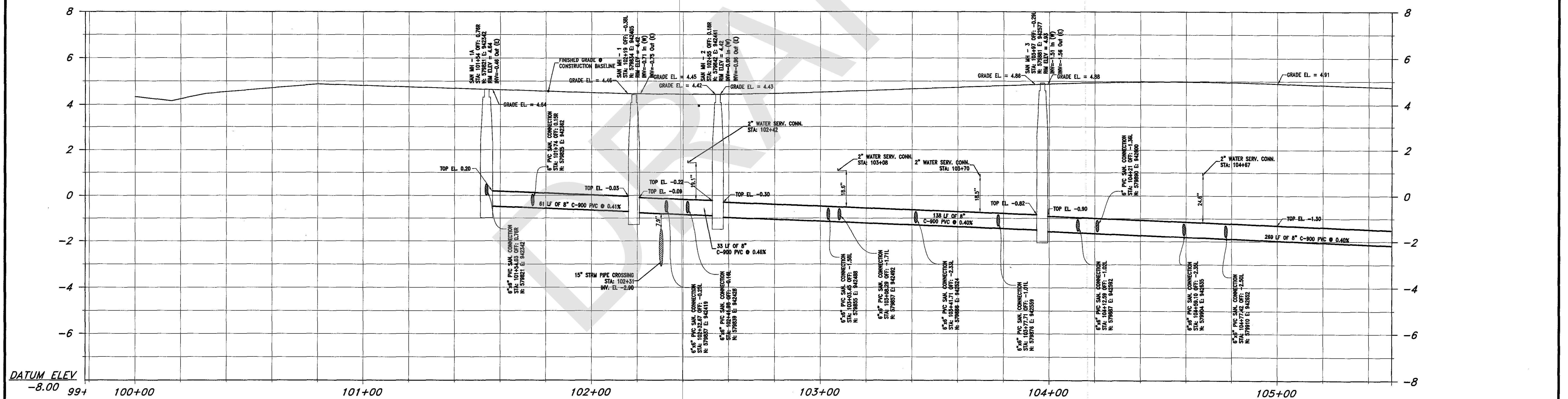
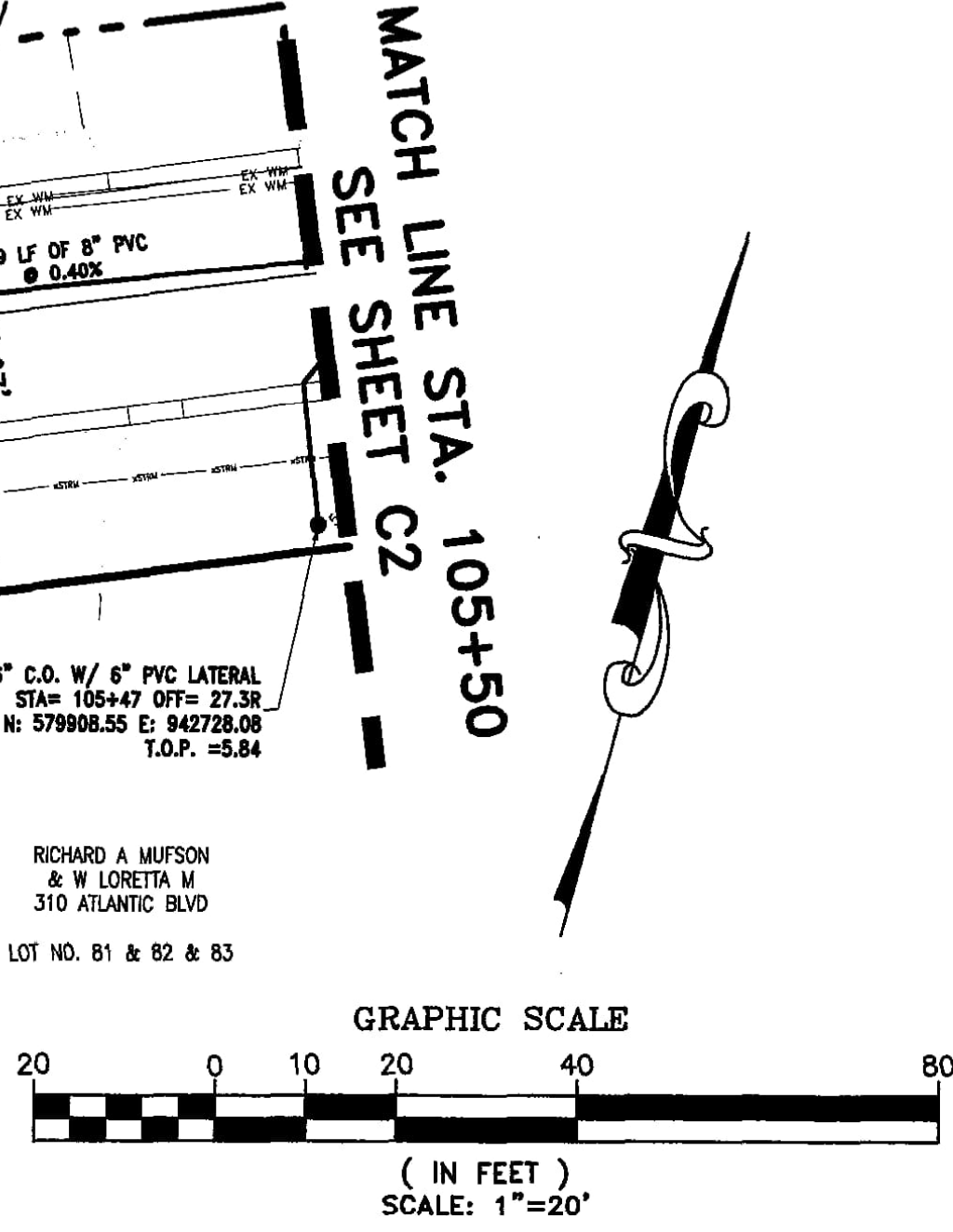
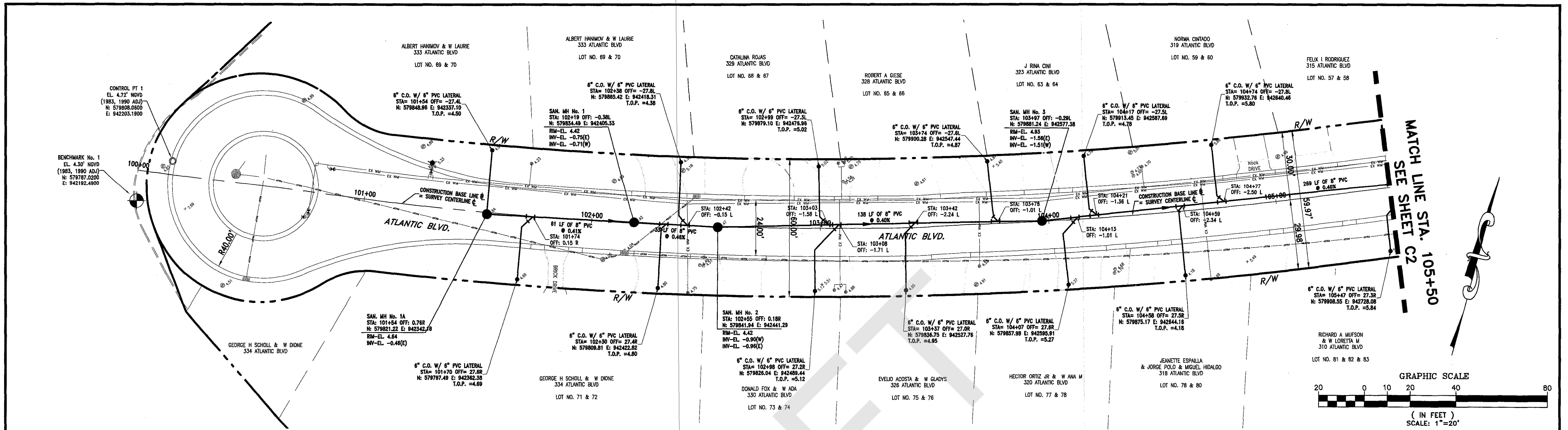
Plot Date  
19 Jan 2018

NOTE: ALL GRAVITY SEWERS ARE 8" UNLESS OTHERWISE DESIGNATED AND ALL SEWER LATERALS ARE 6" UNLESS OTHERWISE DESIGNATED



As-Built are displayed using unique colors and single label boxes per contiguous pipe segment. They are displayed underneath the pipe segment using a thicker line symbol than the pipe segment it describes.





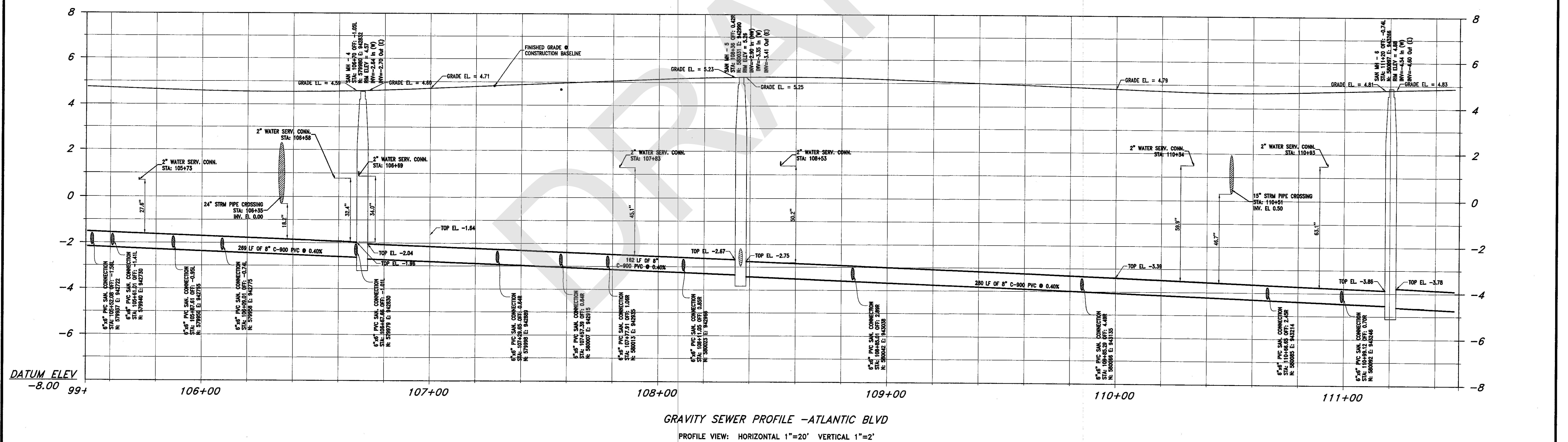
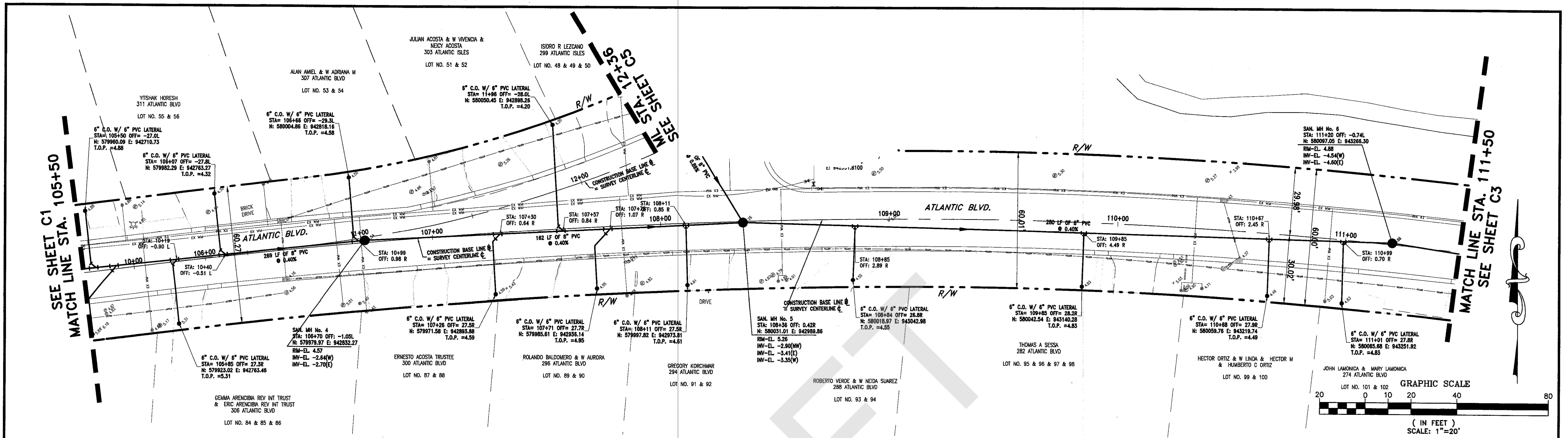
GRAVITY SEWER PROFILE - ATLANTIC BLVD  
 PROFILE VIEW: HORIZONTAL 1"=20' VERTICAL 1"=2'

- NOTES:
1. LENGTH OF PIPES ARE MEASURED FROM INSIDE EDGE OF SANITARY MANHOLES.
  2. TOP OF PIPE ELEVATION, WHERE INDICATED, ARE MEASURED FROM OUTSIDE EDGE OF SANITARY MANHOLES.

ES-8921-2 A-4  
 ER No.: DS 2009-510  
 AS-BUILT/RECORD SURVEY

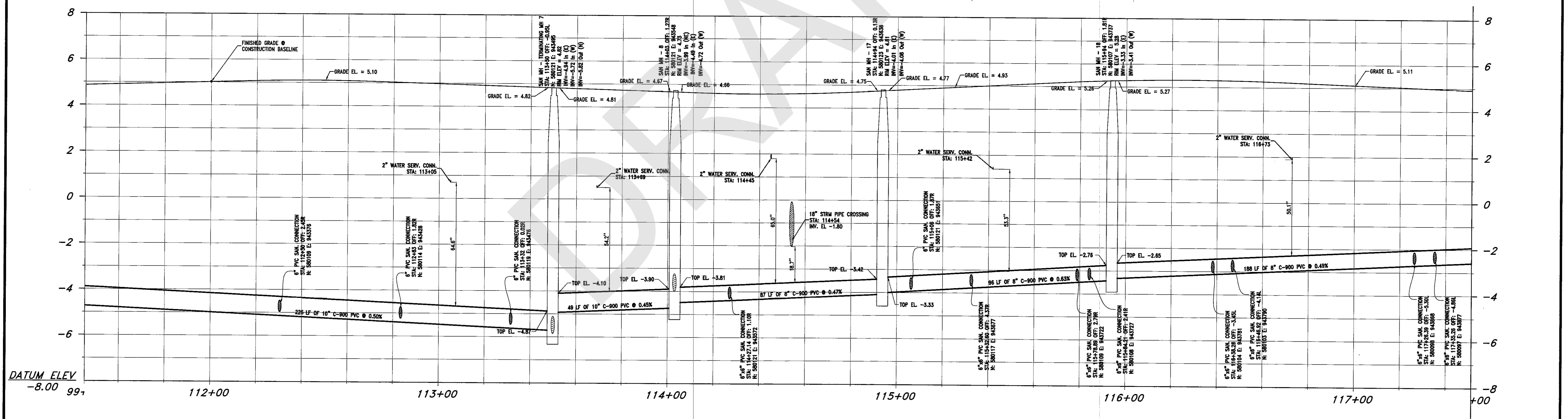
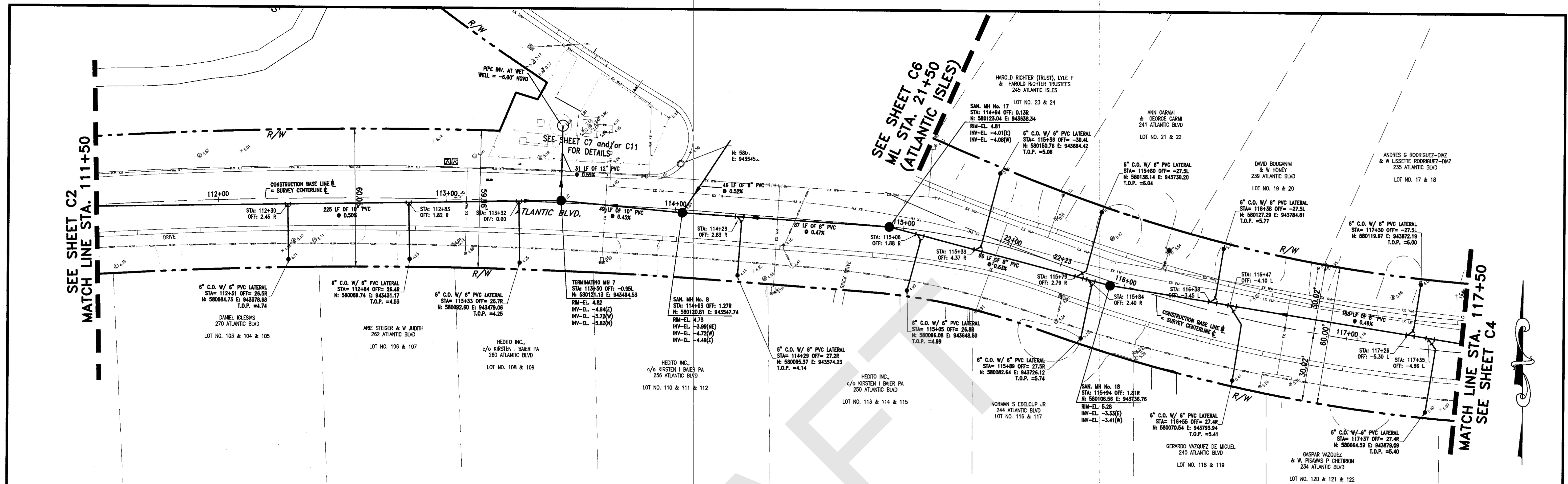
DESIGNED DATE		DRAWN DATE		CHECKED DATE		<b>FILIPPELLI SURVEYING, INC.</b> 17831 ORANGE GROVE BLVD. LOXAHATCHEE, FL 33470 CERTIFICATE OF AUTHORIZATION: LB # 7822 Phone 561-719-0025		CITY OF SUNNY ISLES BEACH, FL ATLANTIC ISLES ROADWAY AND UTILITY IMPROVEMENTS CONTRACTOR: TENEX ENTERPRISES, INC.		SANITARY GRAVITY SEWER PLAN AND PROFILE		SCALE AS SHOWN PROJECT No. CAD FILE SHEET C1	
NO	DATE	REVISION	BY	NO	DATE	REVISION	BY	NO	DATE	REVISION	BY	NO	DATE

RAFAEL FILIPPELLI, P.S.M.  
 FL REGISTRATION NO. 4901  
 DATE: 12/10/09

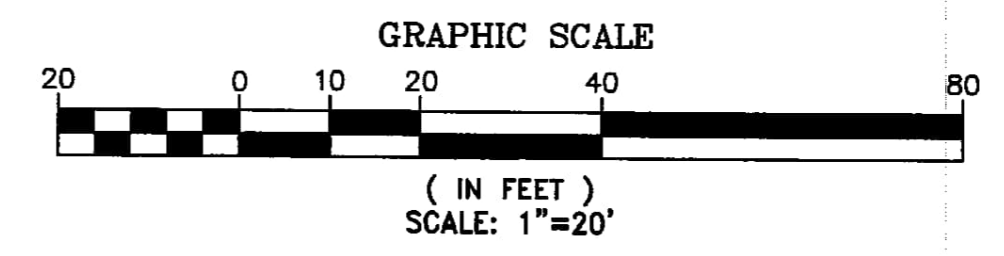


**ES-8921-3 A-4**  
**ER No.: DS 2009-510**  
**AS-BUILT/RECORD SURVEY**

<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>NO</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> <th>NO</th> <th>DATE</th> <th>REVISION</th> <th>BY</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	NO	DATE	REVISION	BY	NO	DATE	REVISION	BY									<b>FILPELLI SURVEYING, INC.</b> 17831 ORANGE GROVE BLVD. LOXAHATCHEE, FL 33470 CERTIFICATE OF AUTHORIZATION: LB # 7822 Phone 561-719-0025	CITY OF SUNNY ISLES BEACH, FL ATLANTIC ISLES ROADWAY AND UTILITY IMPROVEMENTS CONTRACTOR: TENEX ENTERPRISES, INC.	<b>SANITARY GRAVITY SEWER PLAN AND PROFILE</b>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td> <b>RAFAEL FILPELLI, P.S.M.</b>            FL. REGISTRATION No. 4901-            05-4893            DATE: <i>2/9/10</i> </td> <td style="text-align: center;">           SCALE AS SHOWN            PROJECT No. 05-4893            CAD FILE 05-4893-C-SSWR-PLAN.DWG            SHEET <b>C2</b> </td> </tr> </table>	<b>RAFAEL FILPELLI, P.S.M.</b> FL. REGISTRATION No. 4901- 05-4893 DATE: <i>2/9/10</i>	SCALE AS SHOWN PROJECT No. 05-4893 CAD FILE 05-4893-C-SSWR-PLAN.DWG SHEET <b>C2</b>
NO	DATE	REVISION	BY	NO	DATE	REVISION	BY															
<b>RAFAEL FILPELLI, P.S.M.</b> FL. REGISTRATION No. 4901- 05-4893 DATE: <i>2/9/10</i>	SCALE AS SHOWN PROJECT No. 05-4893 CAD FILE 05-4893-C-SSWR-PLAN.DWG SHEET <b>C2</b>																					



**GRAVITY SEWER PROFILE**  
 PROFILE VIEW: HORIZONTAL 1"=20' VERTICAL 1"=2'



**ES-8921-4 A-4**  
 ER No.: DS 2009-510  
 AS-BUILT/RECORD SURVEY

NO	DATE	REVISION	BY	NO	DATE	REVISION	BY

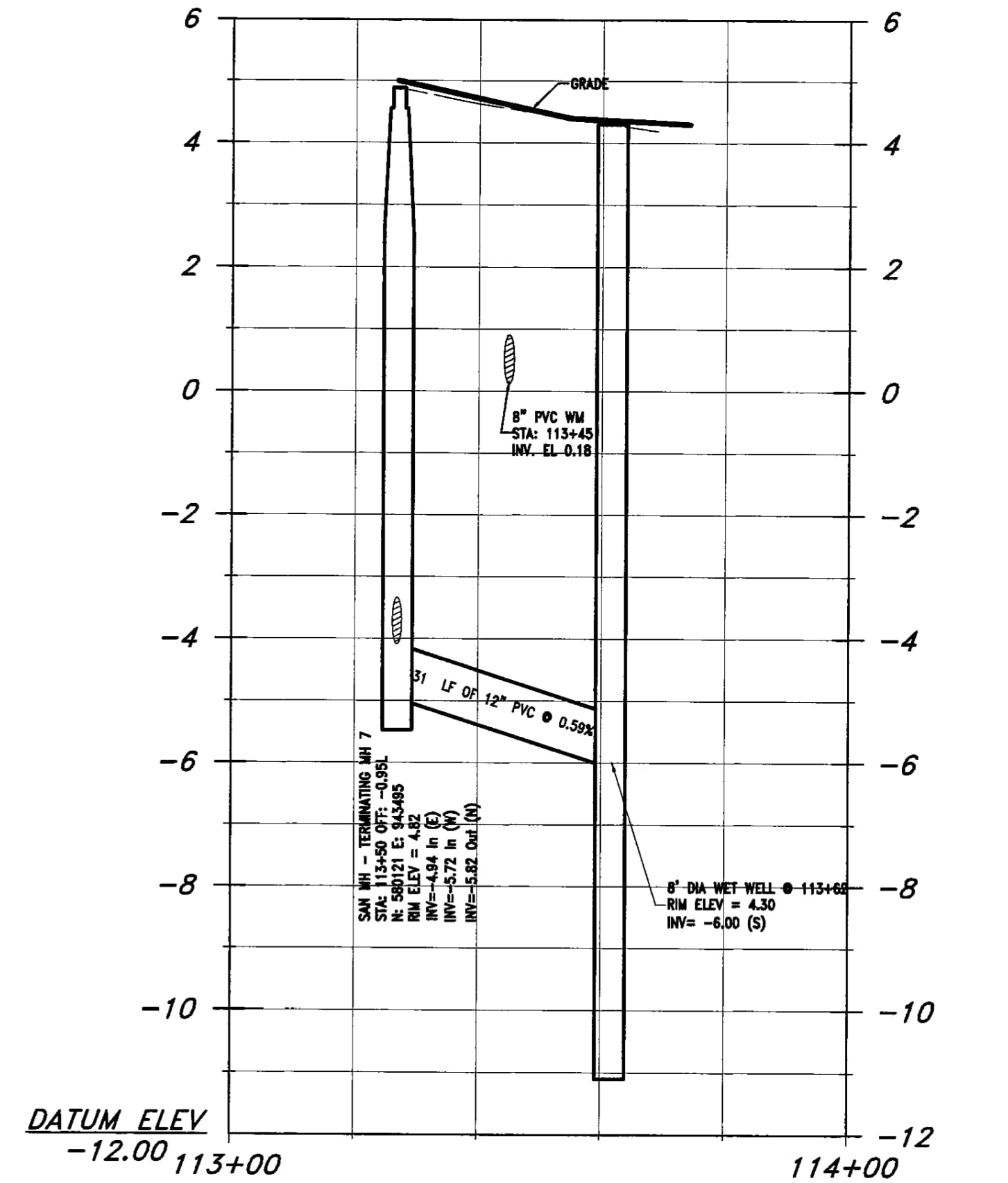
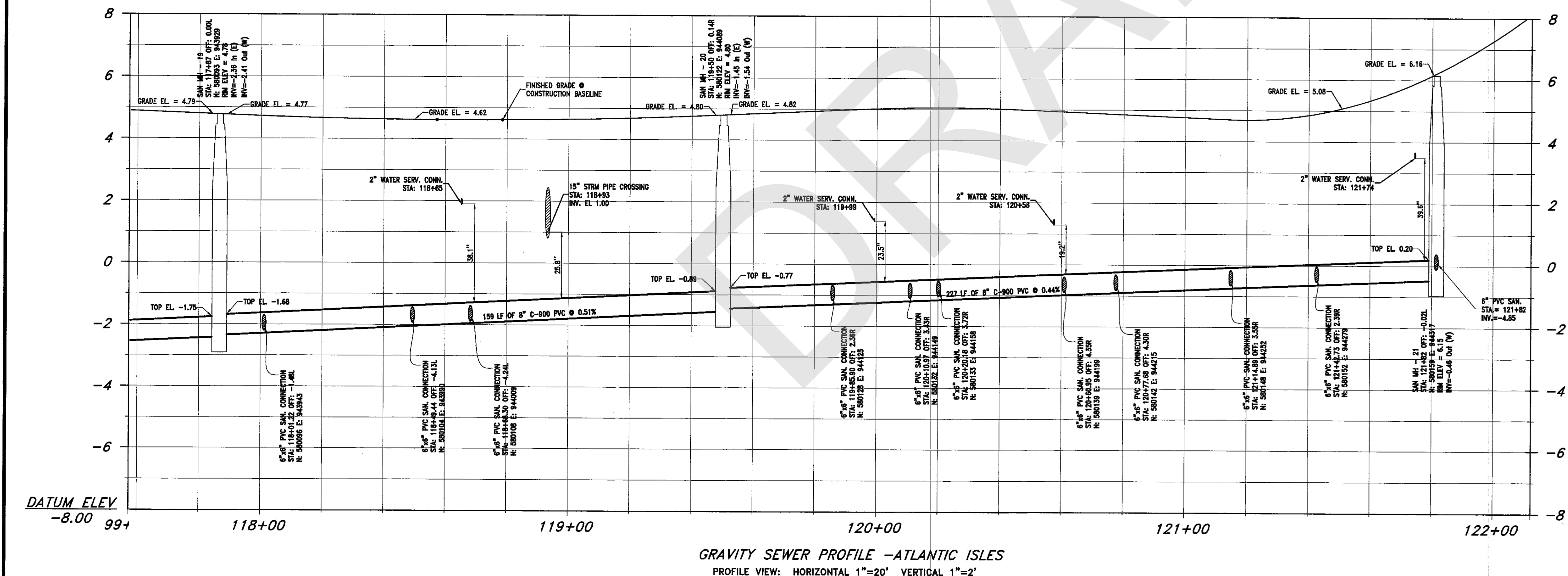
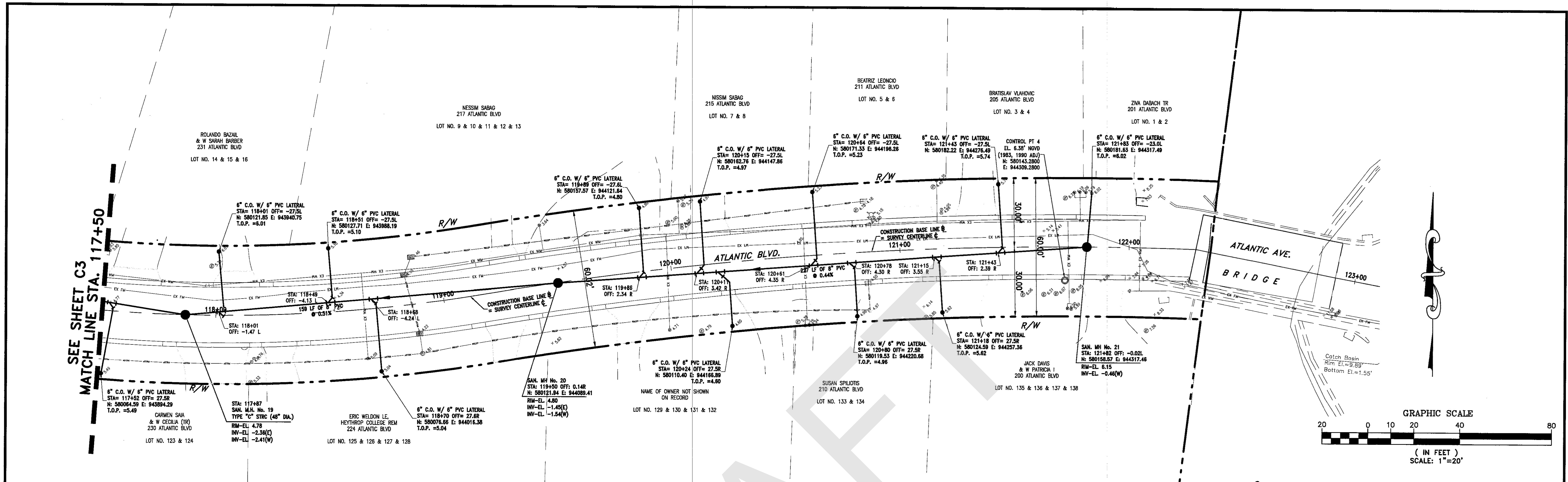
**FILIPPELLI SURVEYING, INC.**  
 17831 ORANGE GROVE BLVD.  
 LOXAHATCHEE, FL 33470  
 CERTIFICATE OF AUTHORIZATION: LB # 7822  
 Phone 561-719-0025

CITY OF SUNNY ISLES BEACH, FL  
 ATLANTIC ISLES ROADWAY AND UTILITY IMPROVEMENTS  
 CONTRACTOR: TENEX ENTERPRISES, INC.

**SANITARY GRAVITY SEWER PLAN AND PROFILE**

RAFAEL FILIPPELLI, P.S.M.  
 FL REGISTRATION NO. 4901

SCALE: AS SHOWN  
 PROJECT No: 05-4893  
 CAD FILE: 05-4893-C-SSWR-PLAN.DWG  
 SHEET: **C3**



ER No.: DS 2009-510  
AS-BUILT/RECORD SURVEY

ES-8921-5 A-4

NO.	DATE	REVISION	BY	NO.	DATE	REVISION	BY

**FILIPPELLI SURVEYING, INC.**  
17831 ORANGE GROVE BLVD.  
LOXAHATCHEE, FL 33470  
CERTIFICATE OF AUTHORIZATION: LB # 7822  
Phone 561-719-0025

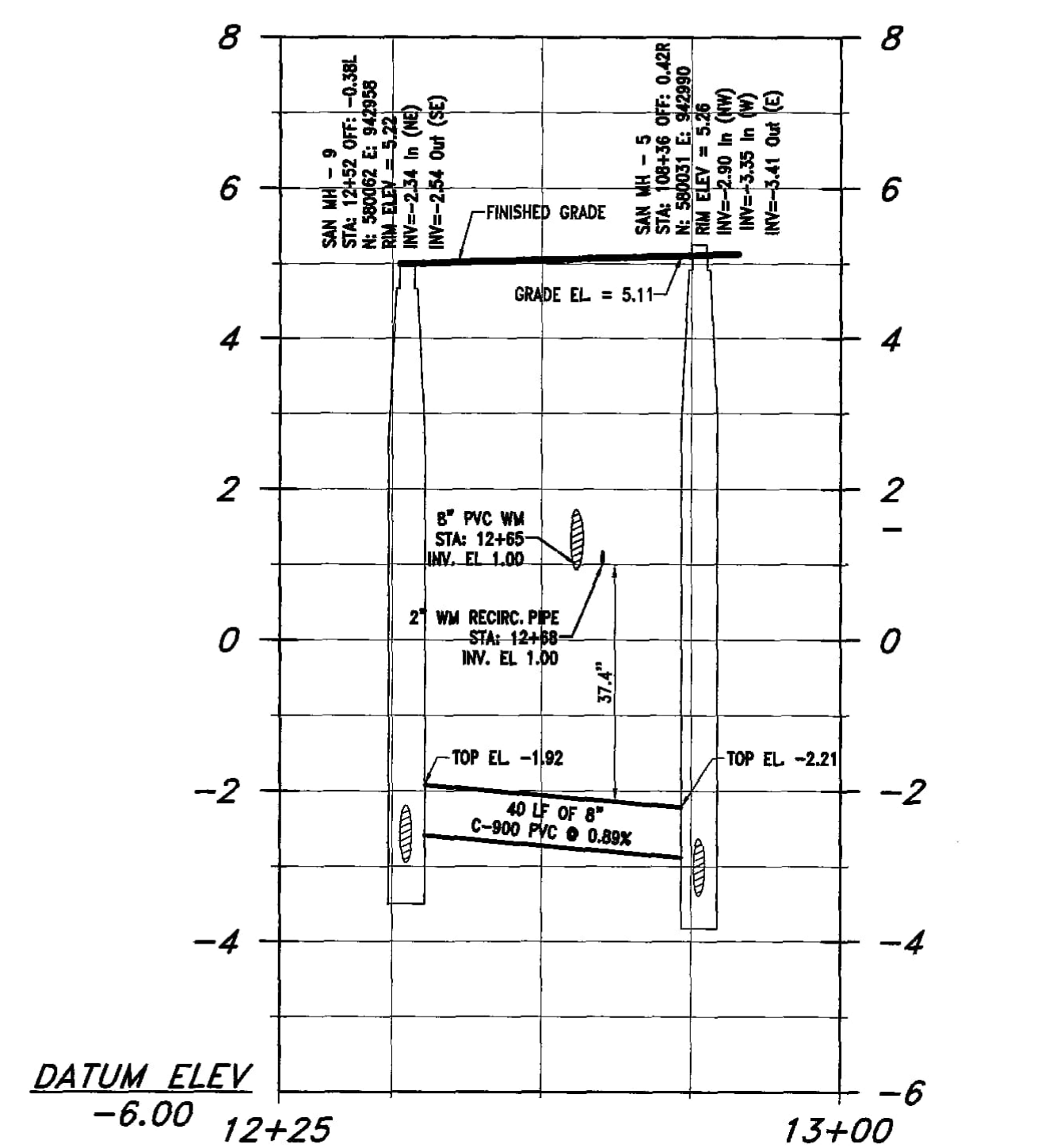
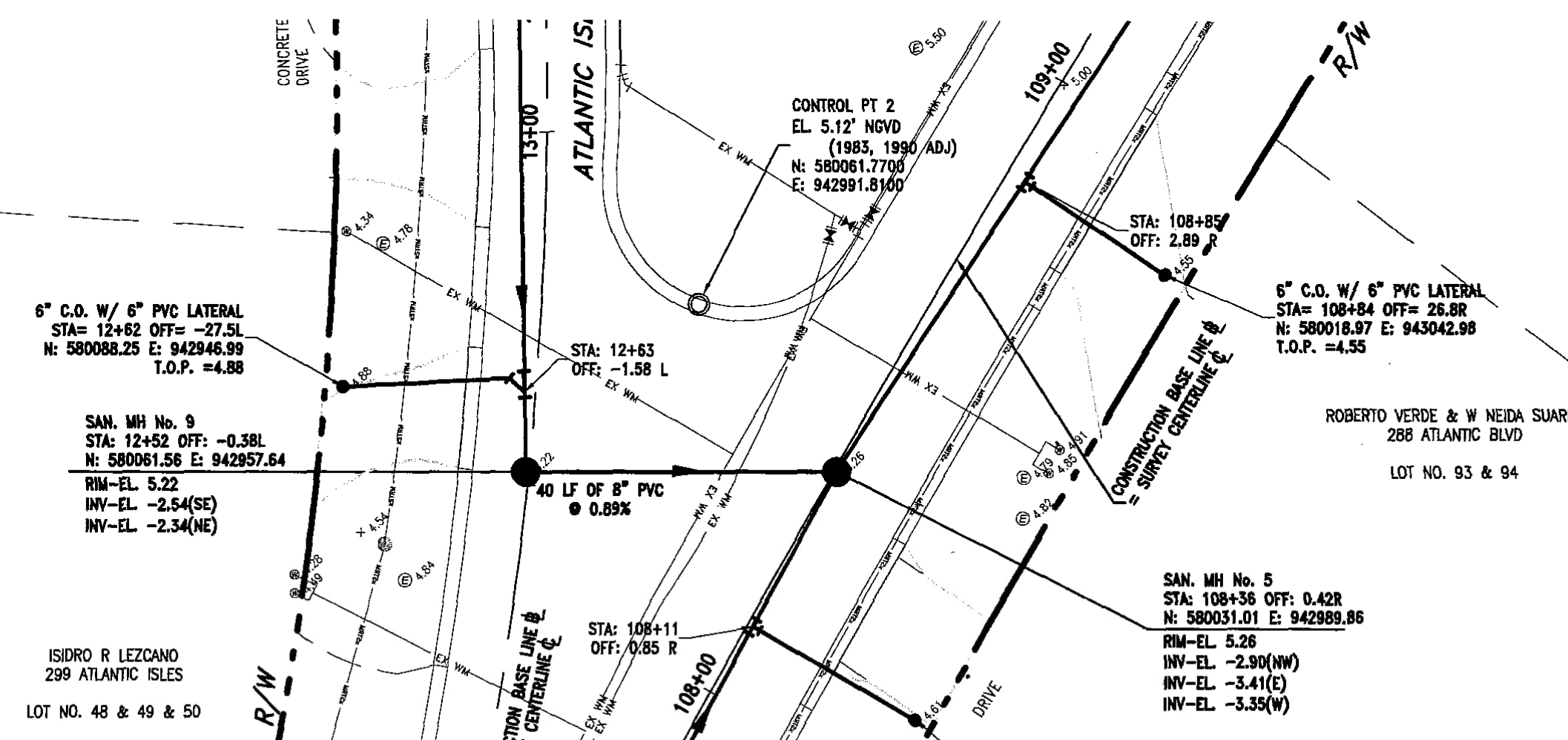
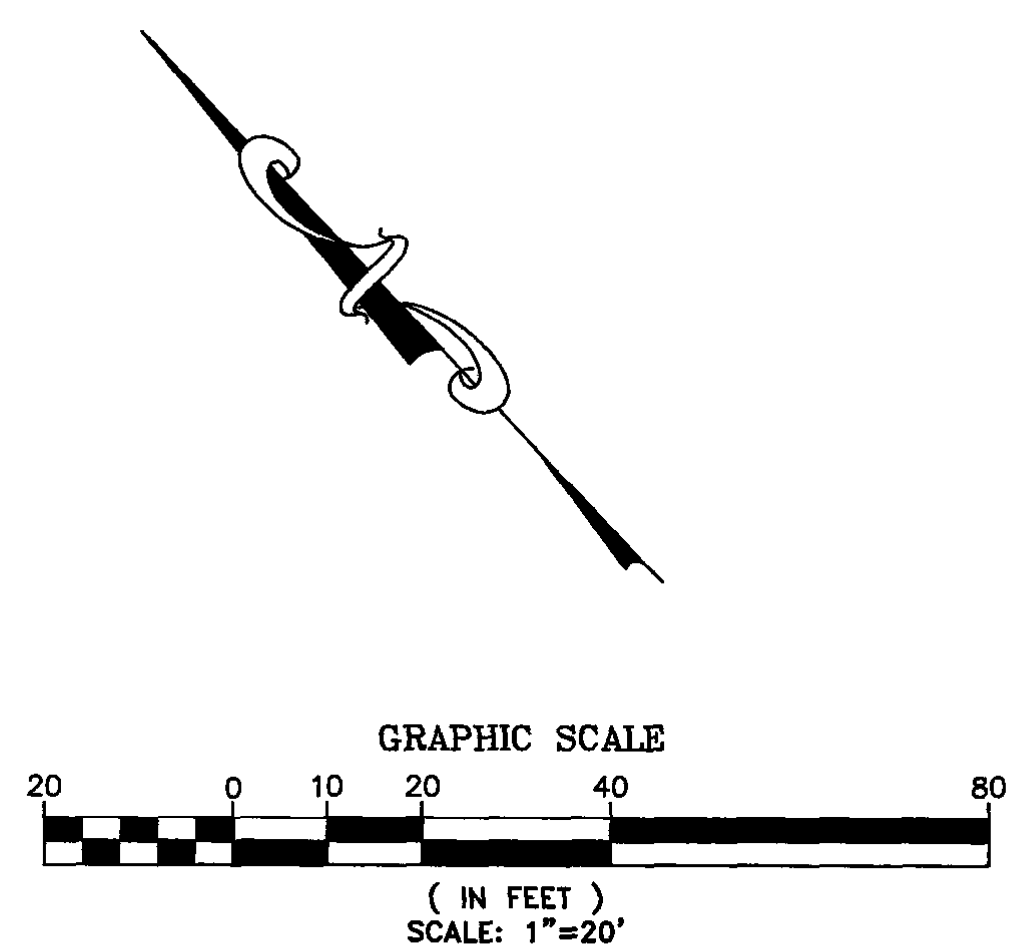
CITY OF SUNNY ISLES BEACH, FL  
ATLANTIC ISLES ROADWAY AND UTILITY IMPROVEMENTS  
CONTRACTOR: TENEX ENTERPRISES, INC.

SANITARY  
GRAVITY SEWER  
PLAN AND PROFILE

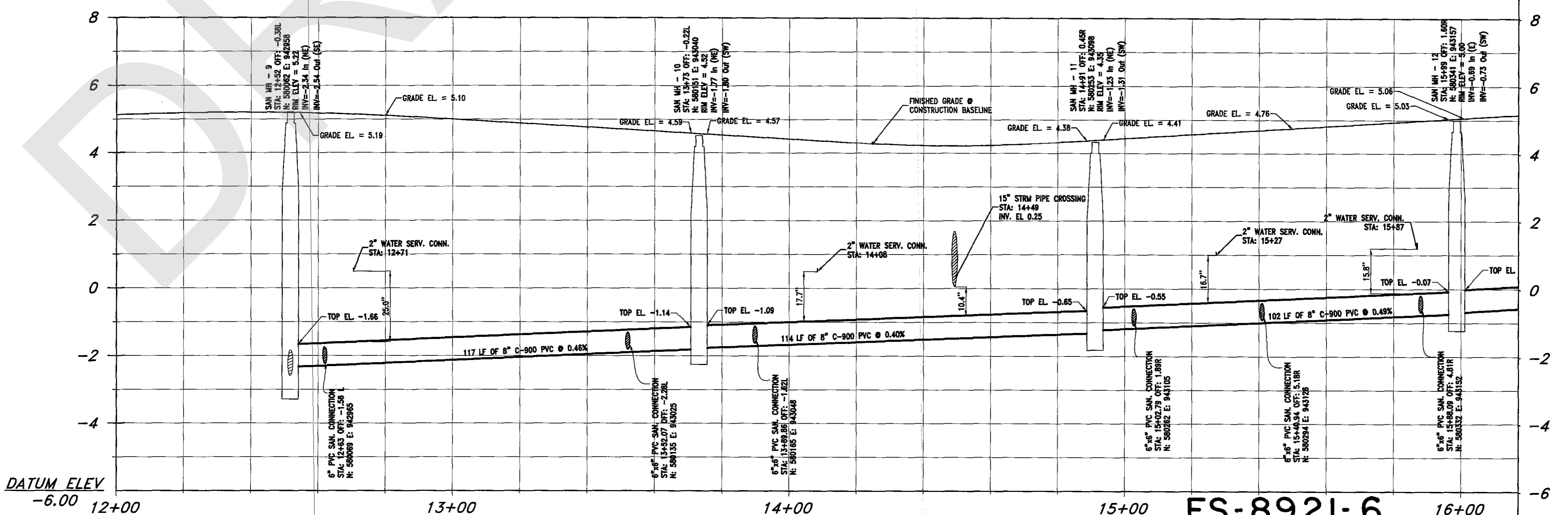
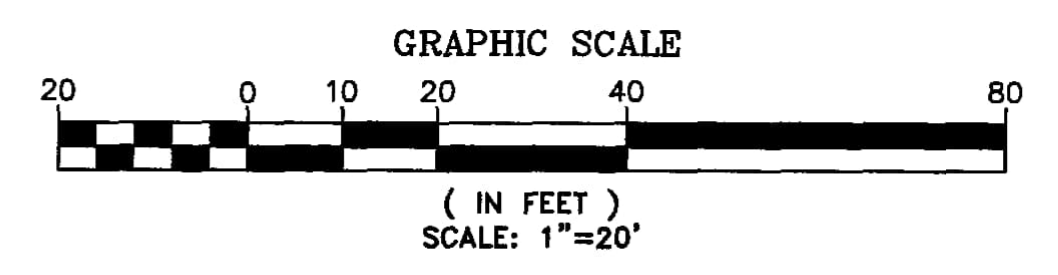
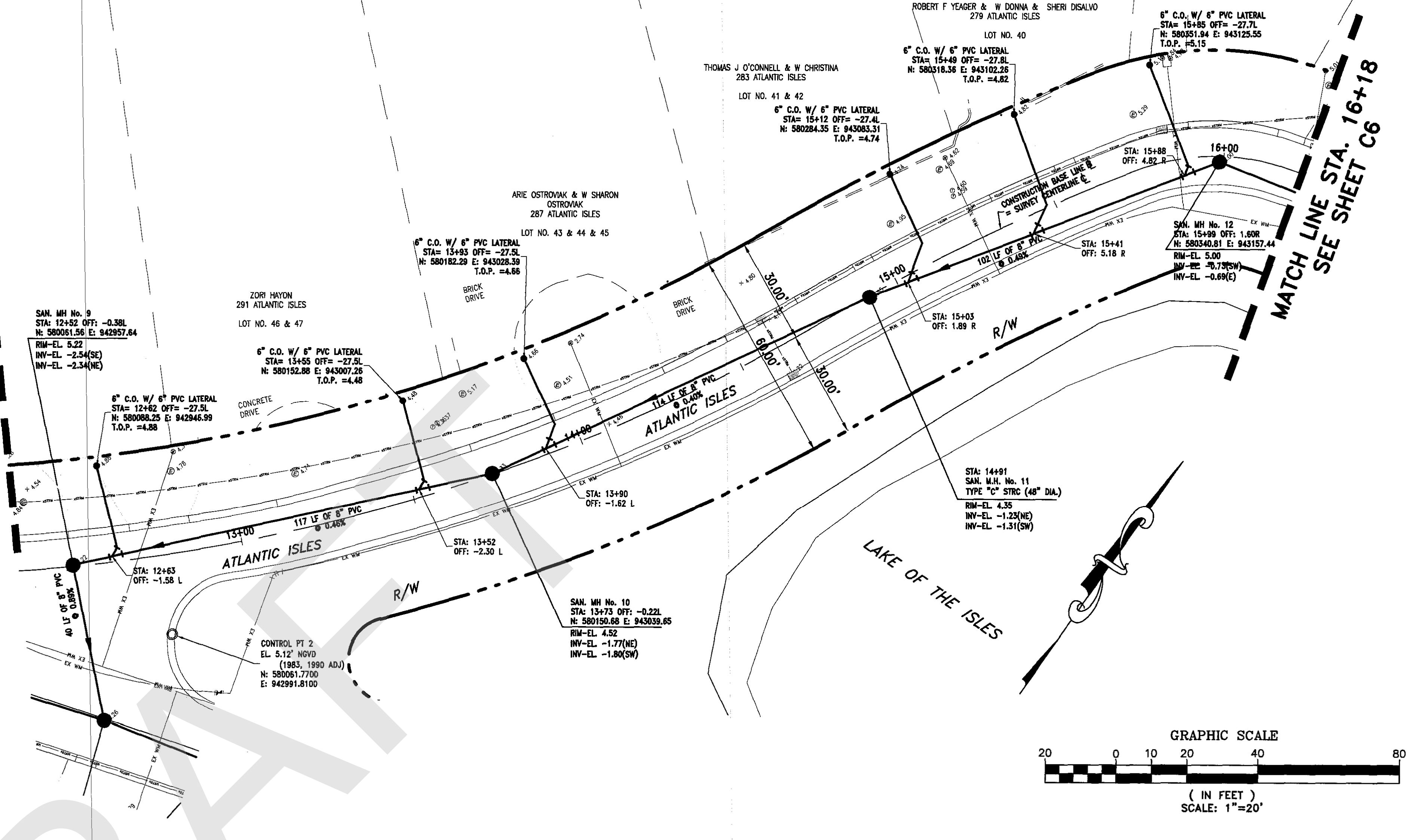
RAFAEL FILIPPELLI, P.S.M.  
FL REGISTRATION NO. 4901  
DATE: *Rafael Filippelli*

SCALE AS SHOWN	SHEET C4
PROJECT NO. 05-4893	OF
CAD FILE	





GRAVITY SEWER PROFILE - SAN MH 9 TO SAN MH 5  
PROFILE VIEW: HORIZONTAL 1"=20' VERTICAL 1"=2'



GRAVITY SEWER PROFILE - ATLANTIC ISLES  
PROFILE VIEW: HORIZONTAL 1"=20' VERTICAL 1"=2'

ES-8921-6  
ER No.: DS 2009-510  
AS-BUILT/RECORD SURVEY

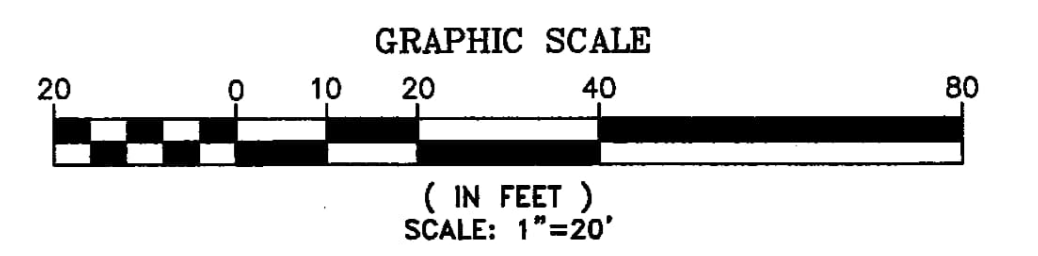
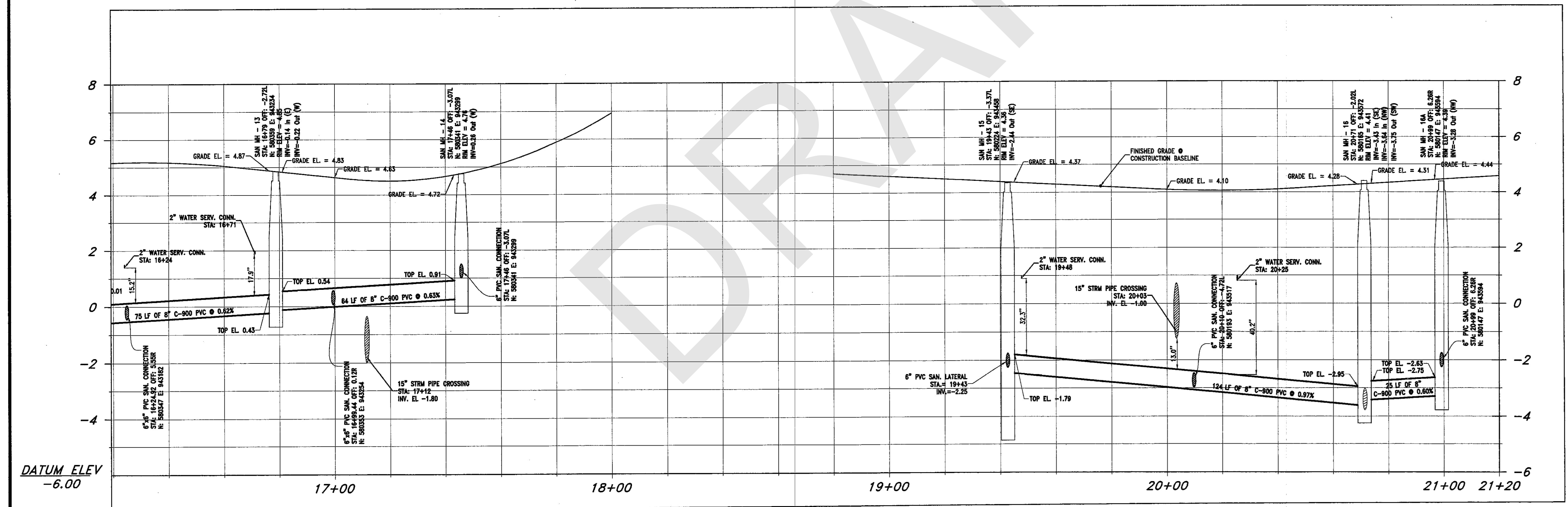
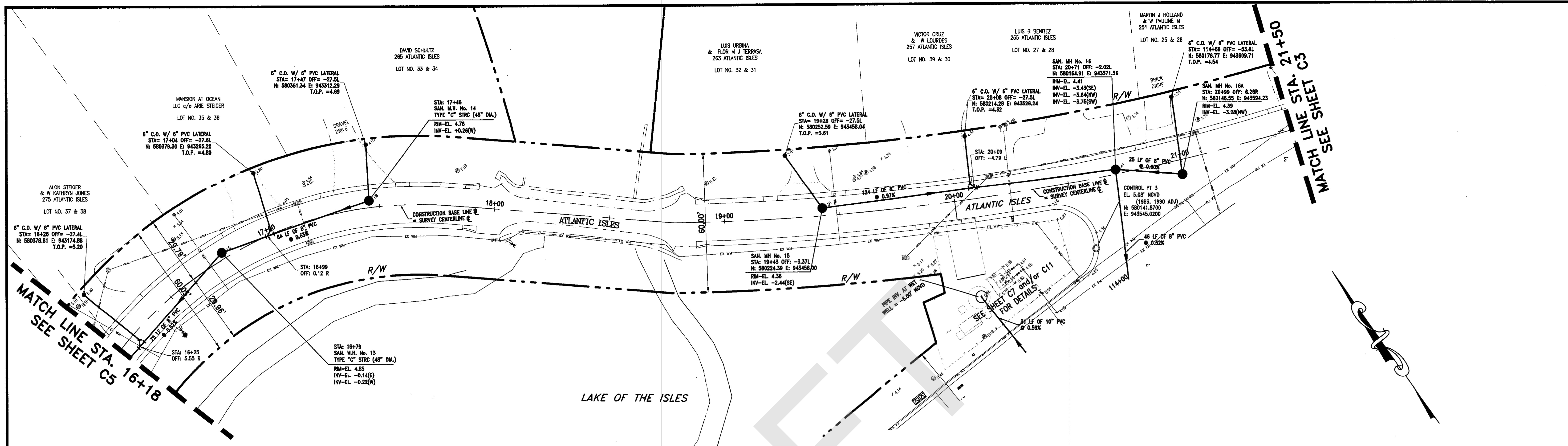
NO	DATE	REVISION	BY	NO	DATE	REVISION	BY

**FILIPPELLI SURVEYING, INC.**  
17831 ORANGE GROVE BLVD.  
LOXAHATCHEE, FL 33470  
CERTIFICATE OF AUTHORIZATION: LB # 7822  
Phone 561-719-0025

CITY OF SUNNY ISLES BEACH, FL  
ATLANTIC ISLES ROADWAY AND UTILITY IMPROVEMENTS  
CONTRACTOR: TENEX ENTERPRISES, INC.

SANITARY GRAVITY SEWER PLAN AND PROFILE  
**A-4**

SCALE 1"=20'  
SHEET C5  
RAFAEL FILIPPELLI, P.S.M.  
FL REGISTRATION No. 4991  
PROJECT No. 05-4893  
DATE: 10/10/10  
CAD FILE

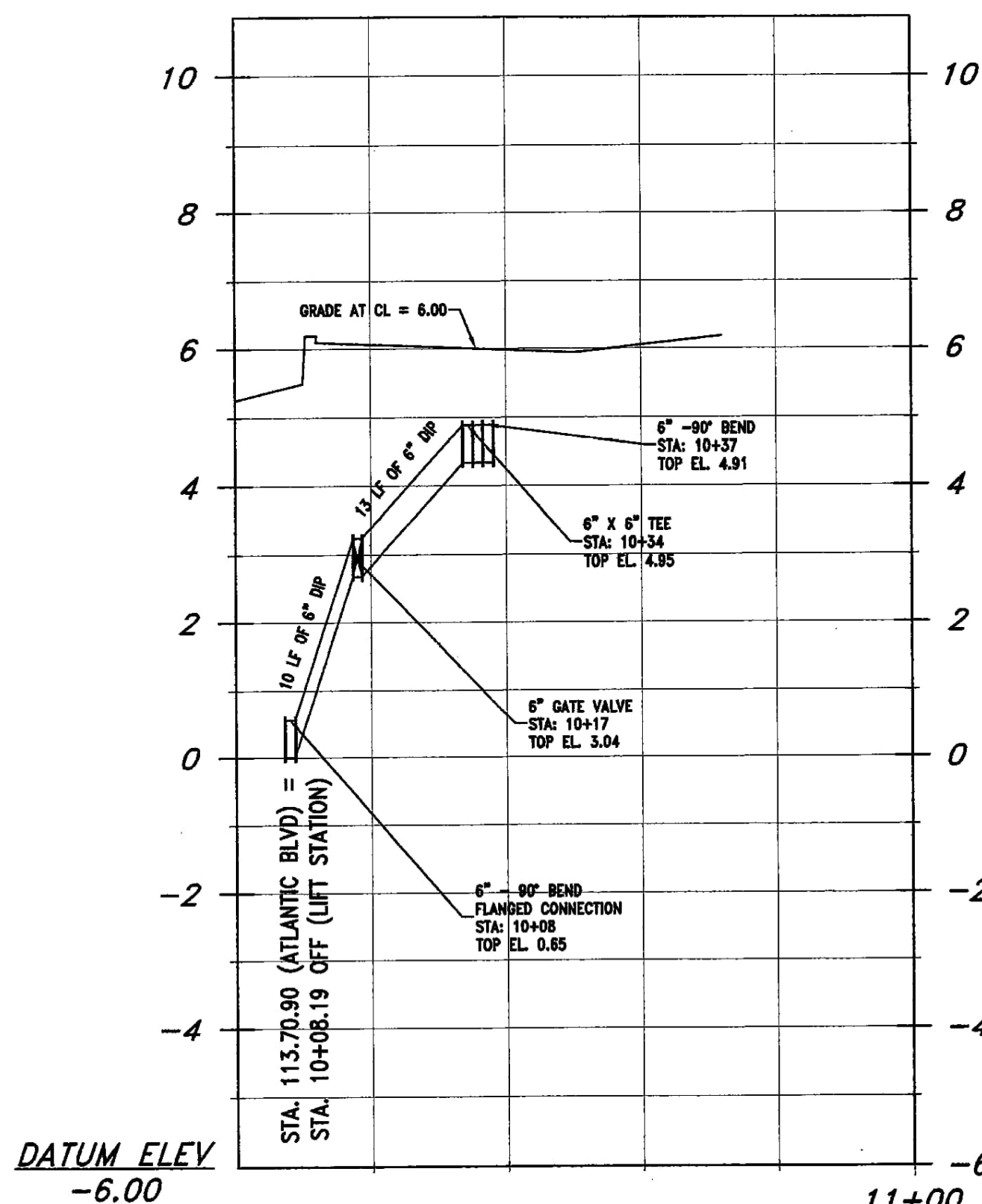
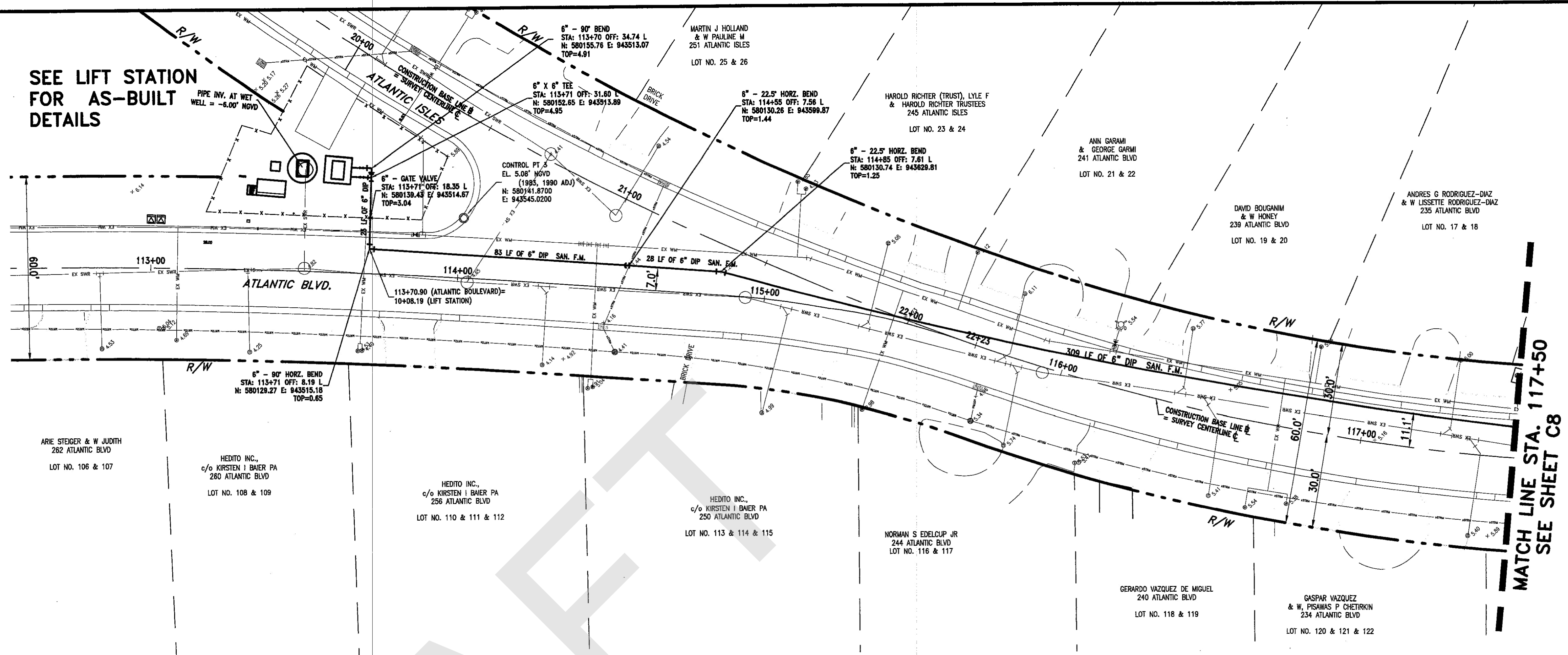
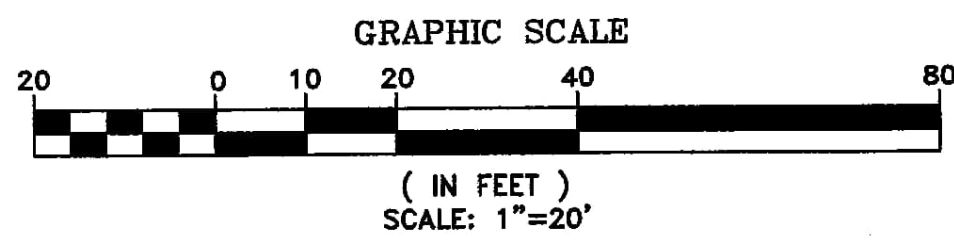


GRAVITY SEWER PROFILE - ATLANTIC ISLES  
 PROFILE VIEW: HORIZONTAL 1"=20' VERTICAL 1"=2'

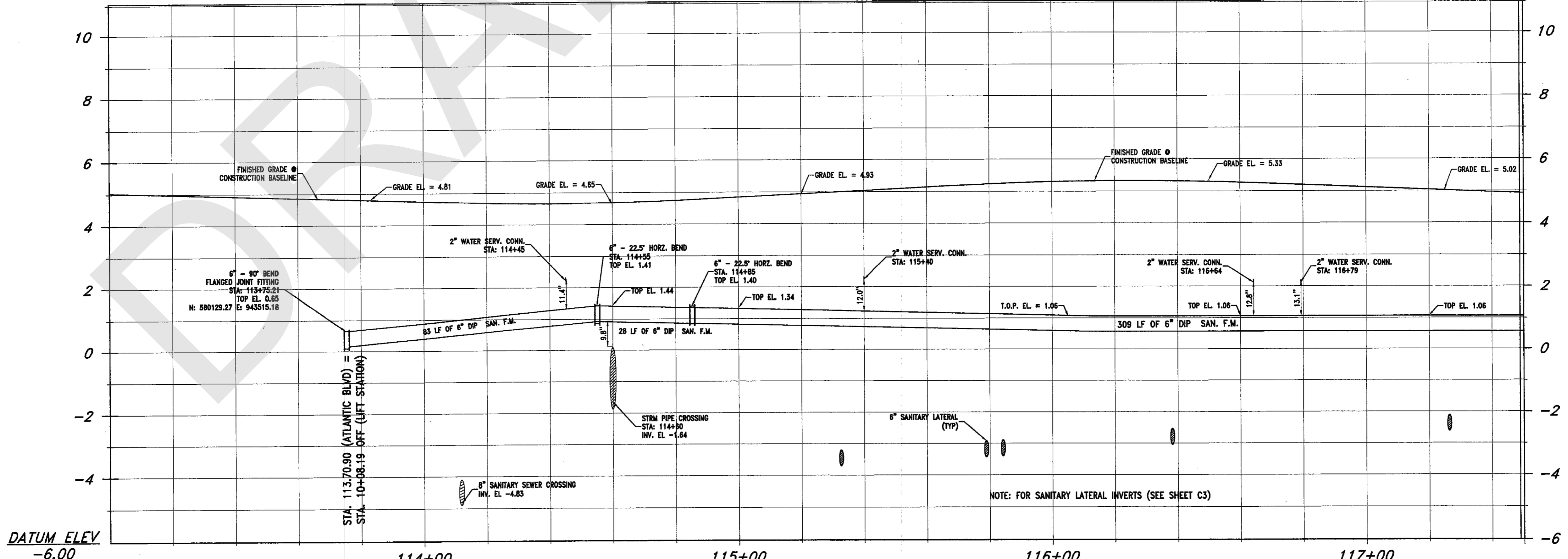
ES-8921-7 A-4  
 ER No.: DS 2009-510  
 AS-BUILT/RECORD SURVEY

DESIGNED DATE			FILIPPELLI SURVEYING, INC.			CITY OF SUNNY ISLES BEACH, FL			SANITARY GRAVITY SEWER PLAN AND PROFILE			SCALE AS SHOWN		
DRAWN DATE			17831 ORANGE GROVE BLVD.			ATLANTIC ISLES ROADWAY AND UTILITY IMPROVEMENTS			RAFAEL FILIPPELLI, P.S.M.			PROJECT No. 05-4893		
CHECKED DATE			LOXAHATCHEE, FL 33470			CONTRACTOR: TENEX ENTERPRISES, INC.			REGISTRATION No. 14801			SHEET C6		
NO. DATE REVISION			CERTIFICATE OF AUTHORIZATION: LB # 7822						DATE: 8/9/10			CAD FILE		
			Phone 561-719-0025									105-4197-C200-C205-STRM-PLAN OF		

SEE LIFT STATION  
FOR AS-BUILT  
DETAILS



FORCE PROFILE TO VALVE BOX (LIFT STATION)  
PROFILE VIEW: HORIZONTAL 1"=20' VERTICAL 1"=2'



FORCE MAIN PROFILE  
PROFILE VIEW: HORIZONTAL 1"=20' VERTICAL 1"=2'

ES-8921-8 A-4  
ER No.: DS 2009-510  
AS-BUILT/RECORD SURVEY

DESIGNED DATE		DRAWN DATE		CHECKED DATE		DATE	
NO		DATE		REVISION		BY	
NO		DATE		REVISION		BY	

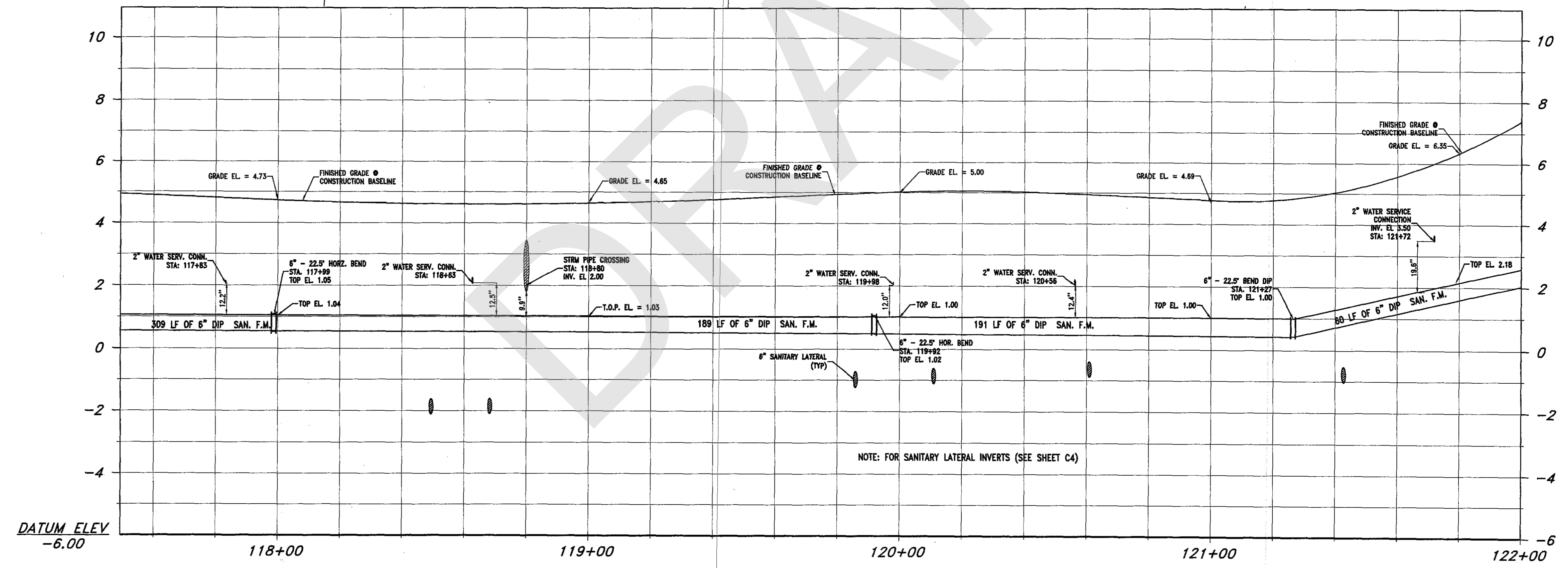
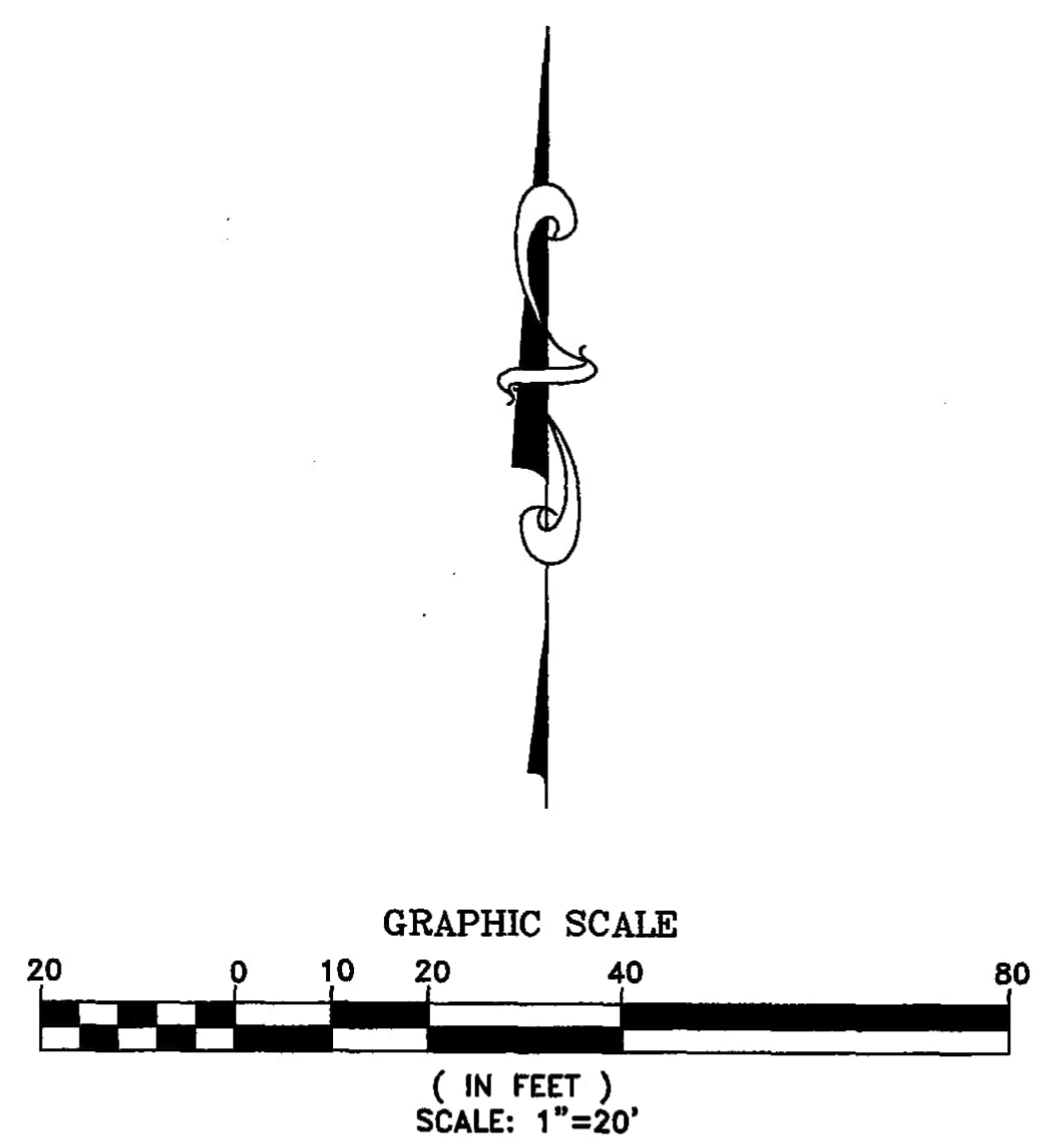
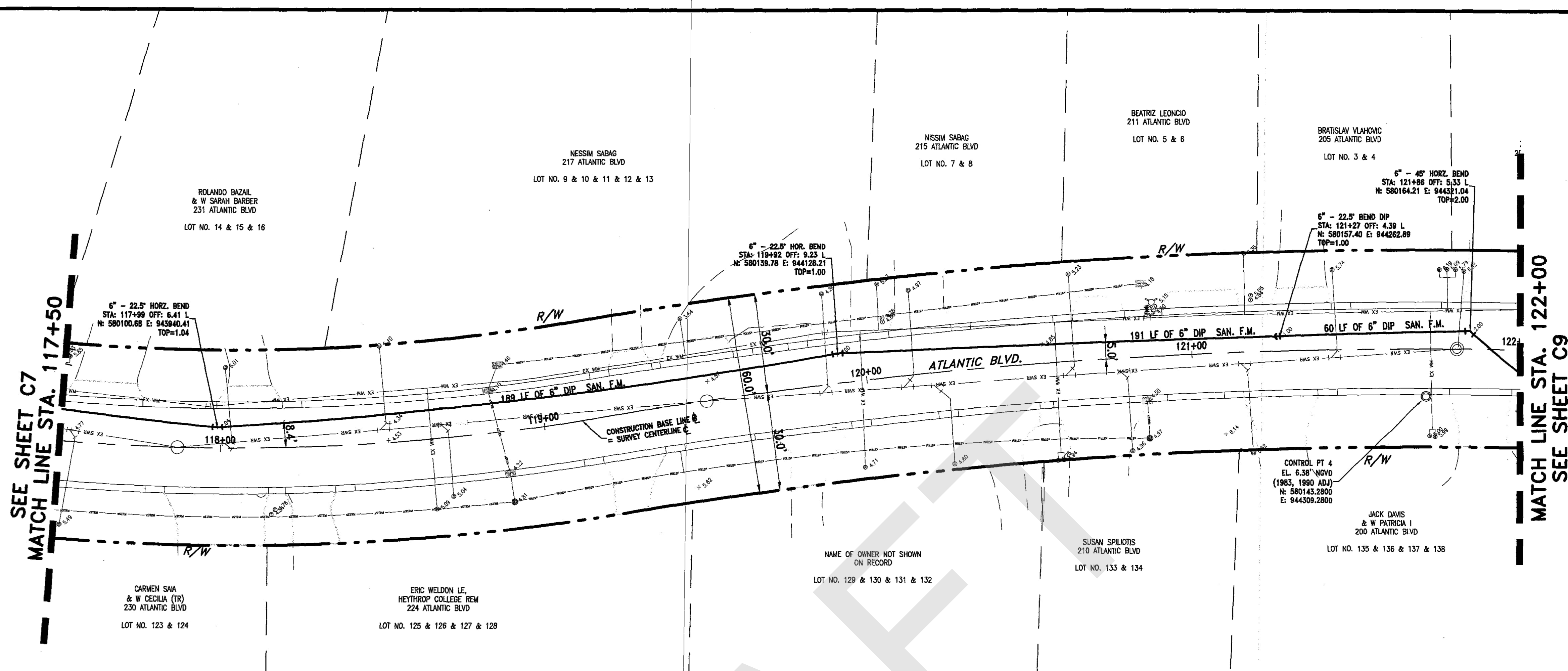
**FILPELLI SURVEYING, INC.**  
17831 ORANGE GROVE BLVD.  
LOXAHATCHEE, FL 33470  
CERTIFICATE OF AUTHORIZATION: LB #7822  
Phone 561-719-0025

CITY OF SUNNY ISLES BEACH, FL  
ATLANTIC ISLES ROADWAY AND UTILITY IMPROVEMENTS  
CONTRACTOR: TENEX ENTERPRISES, INC.

SANITARY FORCE MAIN  
PLAN AND PROFILE

RAFAEL FILPELLI, P.S.M.  
FL. REGISTRATION NO. 4901  
DATE: *Rafael Filpelli*

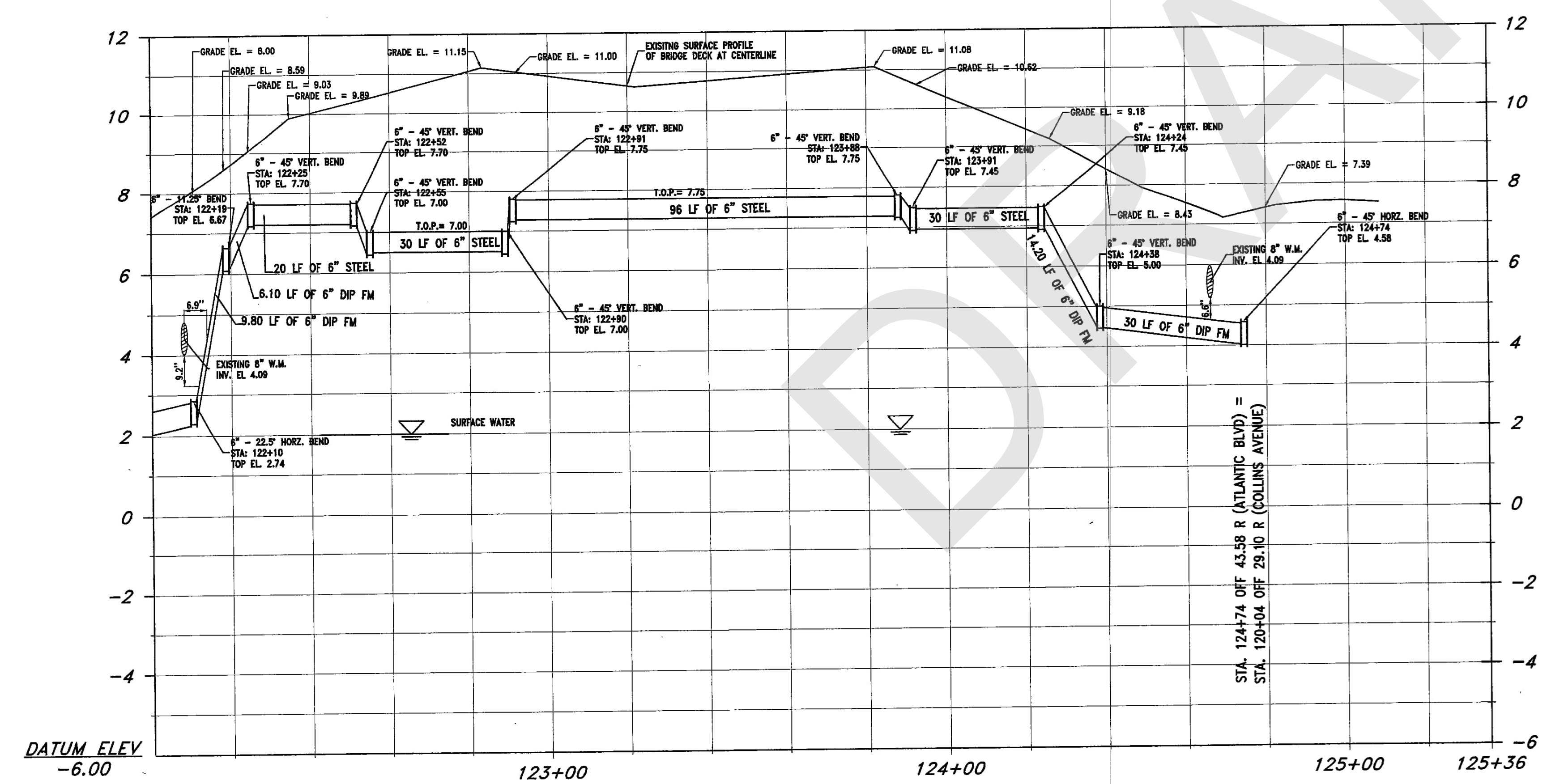
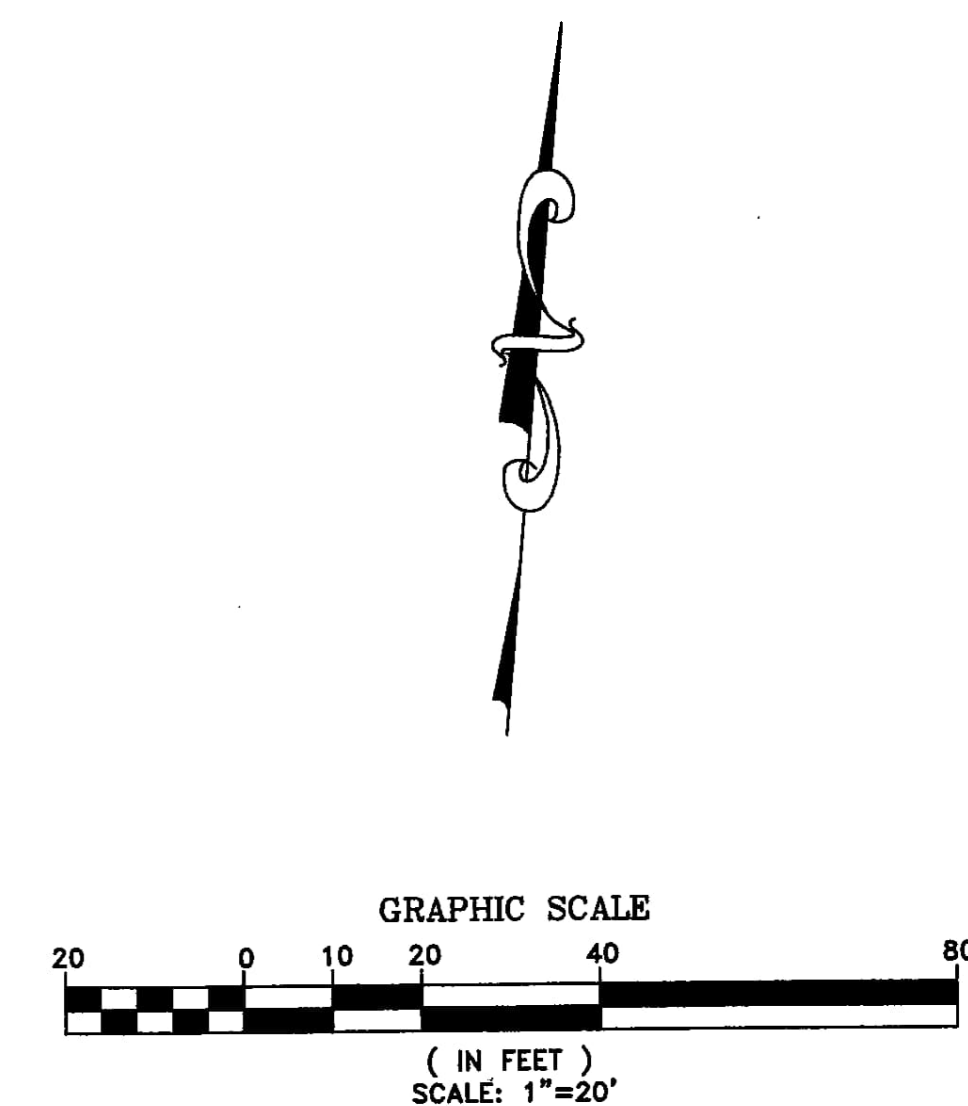
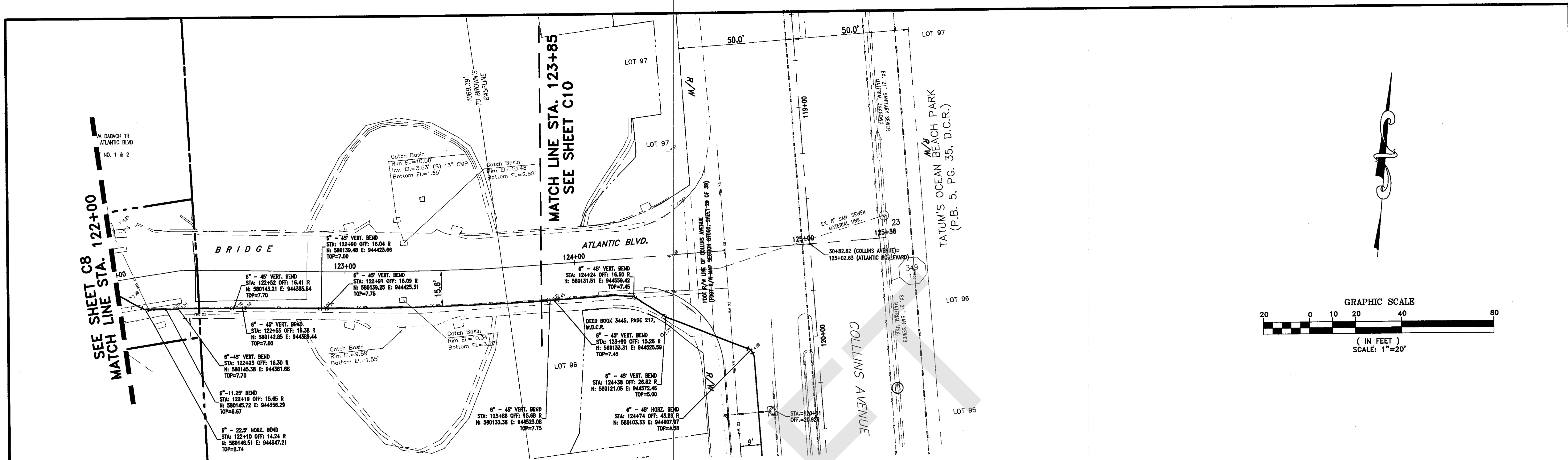
SCALE AS SHOWN  
PROJECT No.  
CAD FILE  
SHEET C7



**FORCE MAIN PROFILE**  
PROFILE VIEW: HORIZONTAL 1"=20' VERTICAL 1"=2'

**ES-8921-9 A-4**  
ER No.: DS 2009-510  
AS-BUILT/RECORD SURVEY

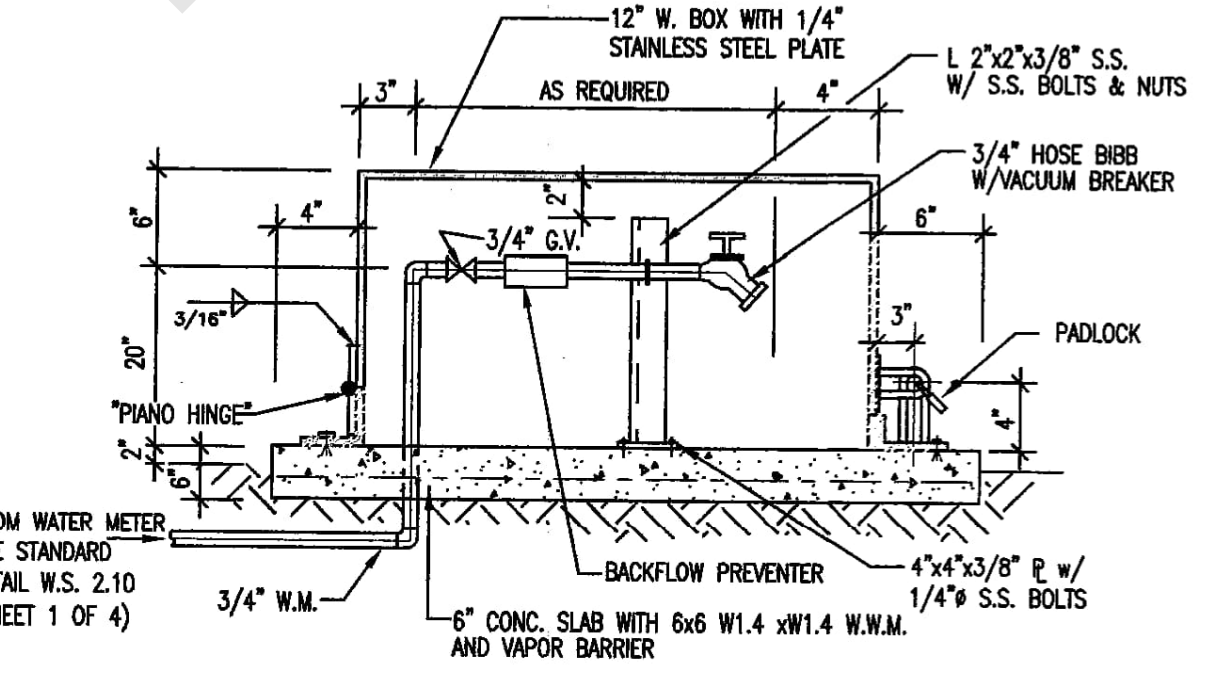
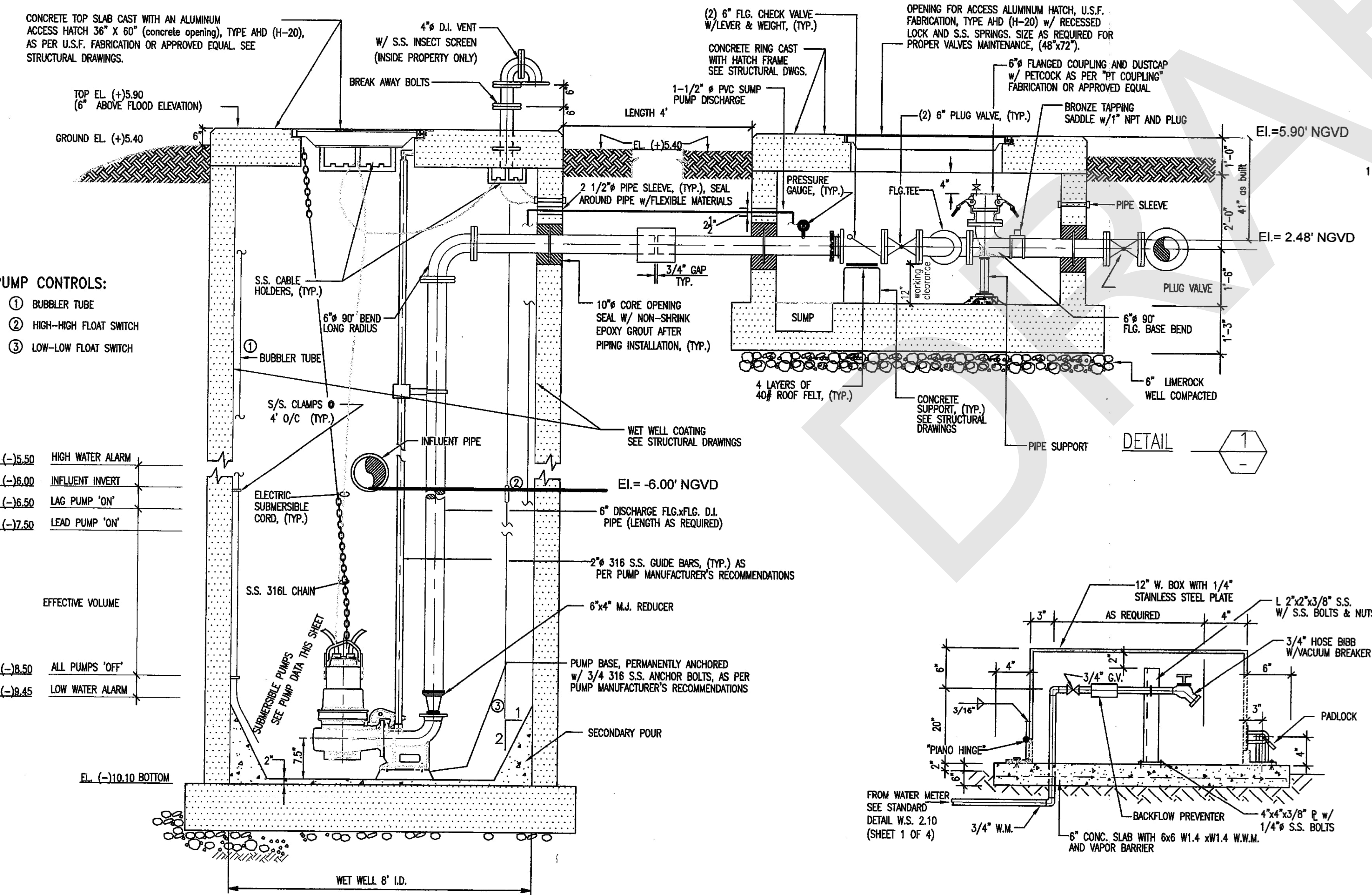
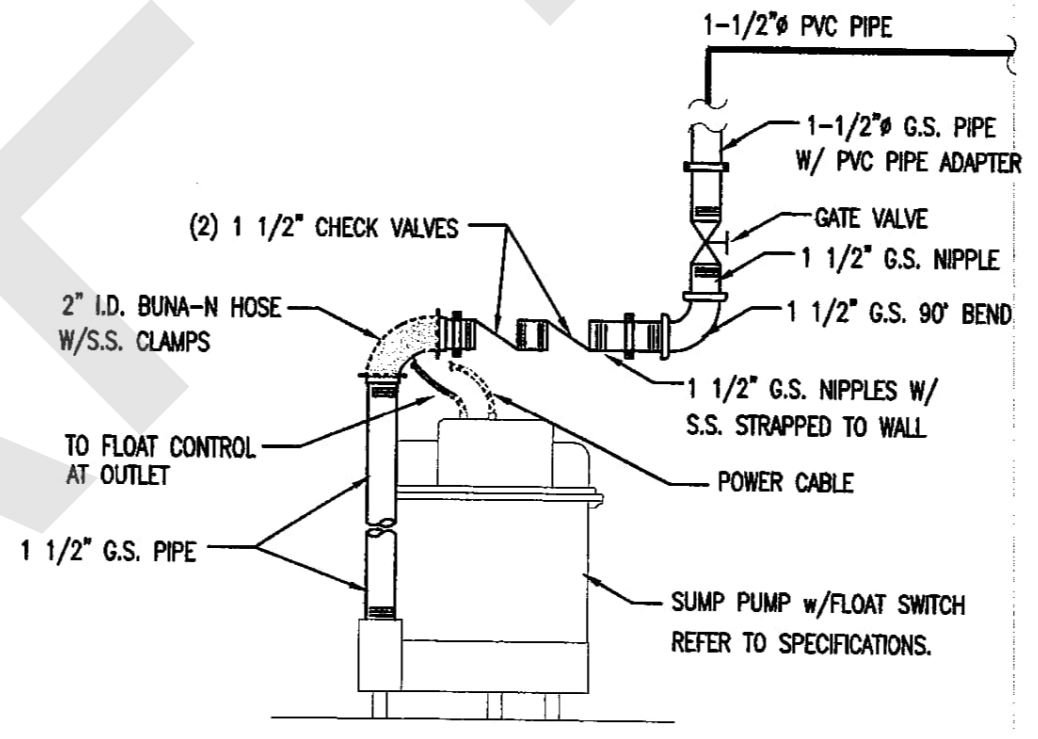
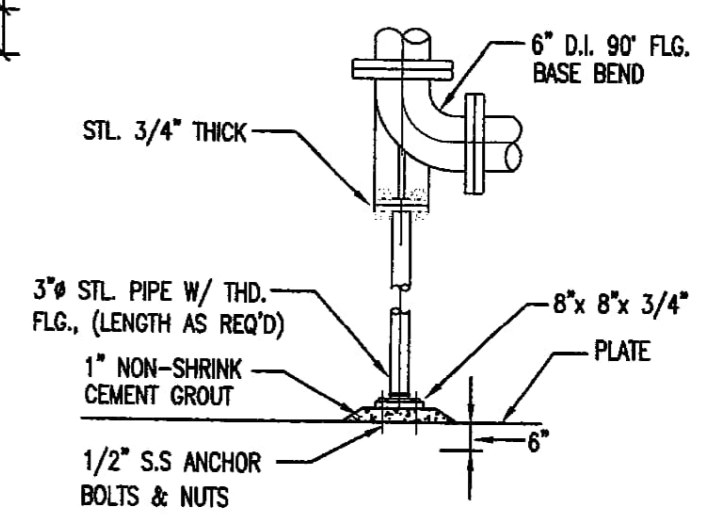
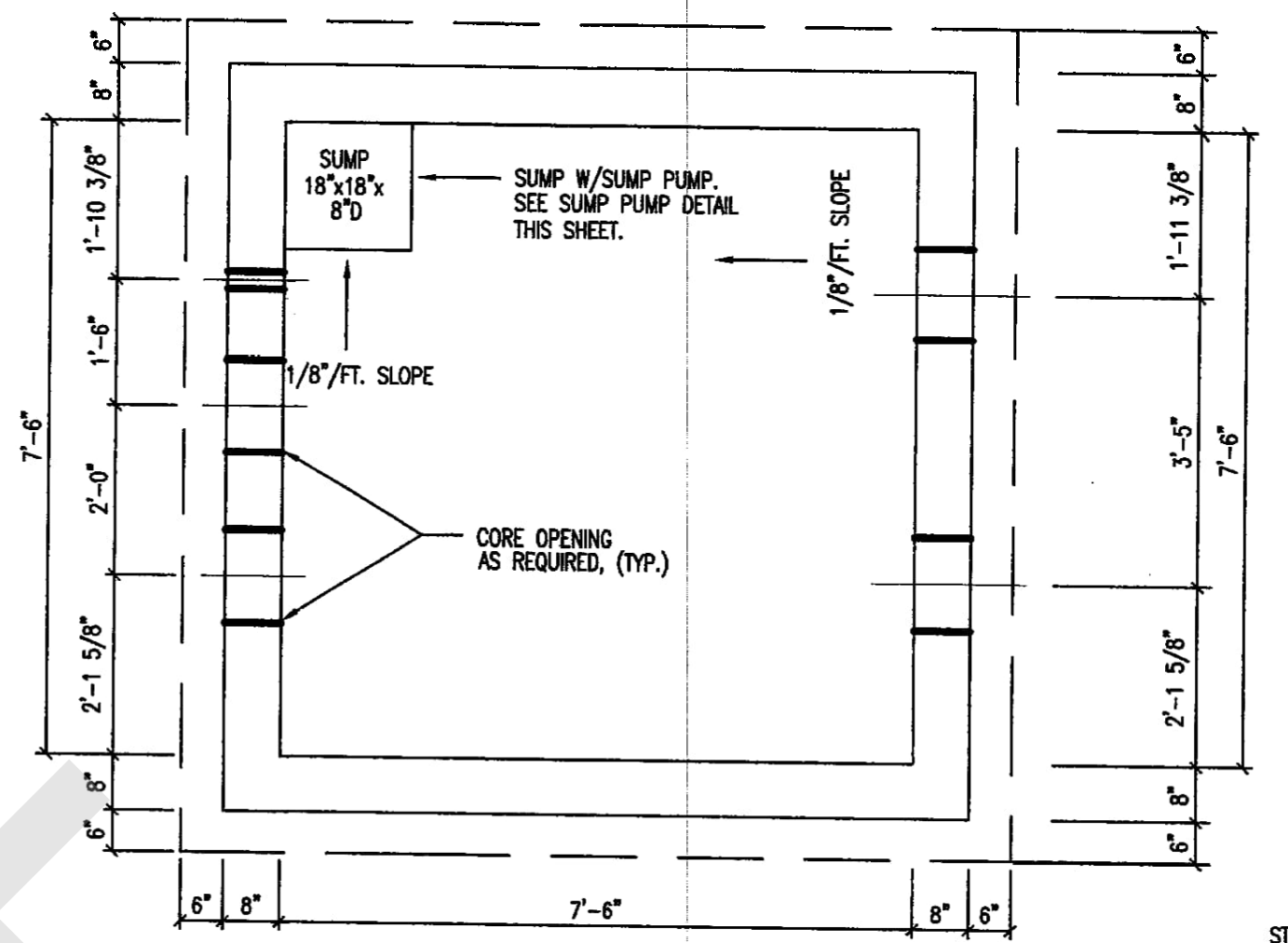
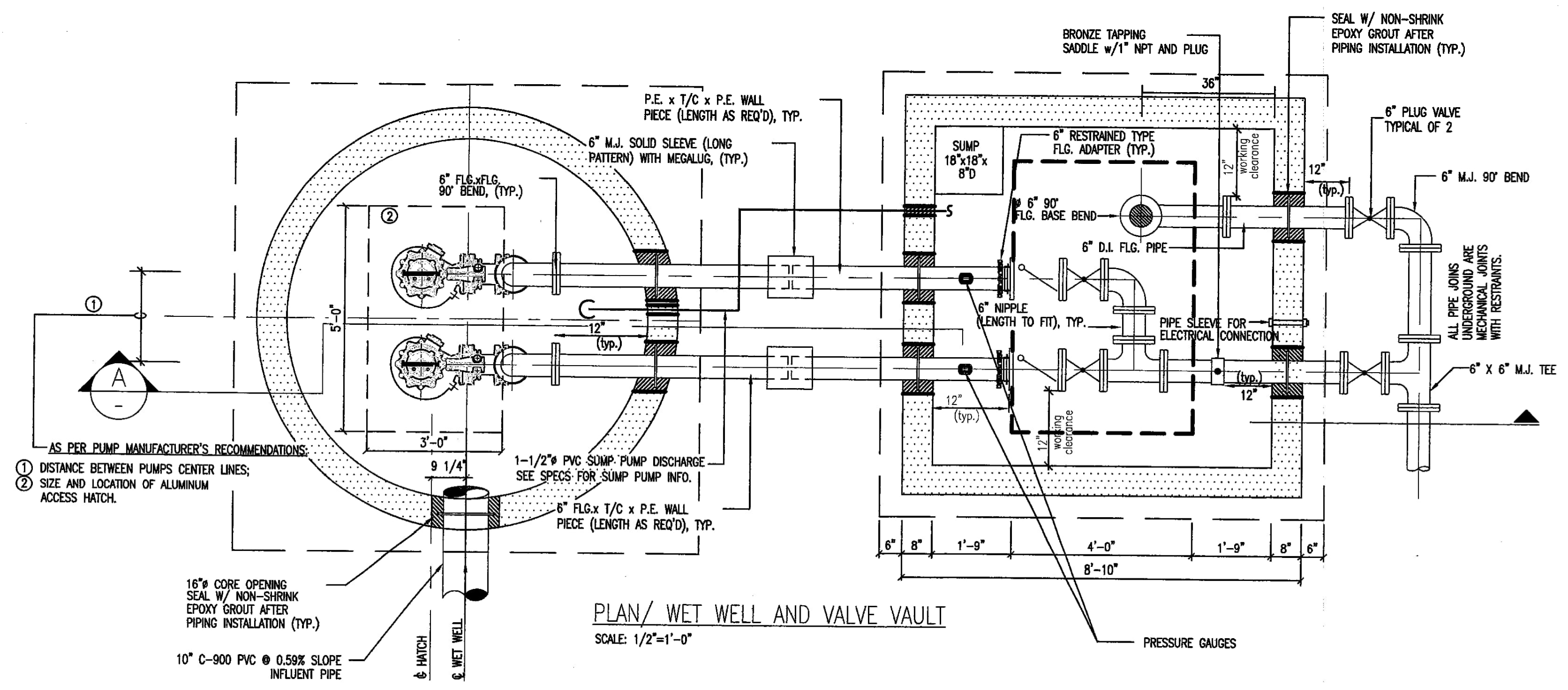
DESIGNED		DATE		FILIPPELLI SURVEYING, INC.		CITY OF SUNNY ISLES BEACH, FL		SANITARY FORCE MAIN		SCALE AS SHOWN		SHEET	
DRAWN		DATE		17831 ORANGE GROVE BLVD.		ATLANTIC ISLES ROADWAY AND UTILITY IMPROVEMENTS		PLAN AND PROFILE		PROJECT NO.		C8	
CHECKED		DATE		LOXAHATCHEE, FL 33470		CONTRACTOR: TENEX ENTERPRISES, INC.				CAD FILE			
NO		DATE		CERTIFICATE OF AUTHORIZATION: LB # 7822						DATE:			
REVISION		BY		Phone 561-719-0025						RAFAEL FILIPPELLI, P.S.M.			
										FL REGISTRATION No. 4981			
										DATE: 11/12/09			



**FORCE MAIN PROFILE**  
PROFILE VIEW: HORIZONTAL 1"=20' VERTICAL 1"=2'

**ES-8921-10 A-4**  
**ER No.: DS 2009-510**  
**AS-BUILT/RECORD SURVEY**

DESIGNED		DATE		DRAWN		DATE		CHECKED		DATE		BY		REVISION		BY		DATE		REVISION		BY		DATE	
<p><b>FILIPPELLI SURVEYING, INC.</b> 17831 ORANGE GROVE BLVD. LOXAHATCHEE, FL 33470 CERTIFICATE OF AUTHORIZATION: LB #7822 Phone 561-719-0025</p> <p><b>CITY OF SUNNY ISLES BEACH, FL</b> <b>ATLANTIC ISLES ROADWAY AND UTILITY IMPROVEMENTS</b> <b>CONTRACTOR: TENEX ENTERPRISES, INC.</b></p> <p><b>SANITARY FORCE MAIN</b> <b>PLAN AND PROFILE</b></p> <p><b>RAFAEL FILIPPELLI, P.S.M.</b> FL REGISTRATION No. 4901- <i>Rafael Filippelli</i> DATE: <i>8/19/09</i></p> <p>SCALE AS SHOWN PROJECT No. CAD FILE SHEET <b>C9</b> OF</p>																									



- PUMP CONTROLS:**
- ① BUBBLER TUBE
  - ② HIGH-HIGH FLOAT SWITCH
  - ③ LOW-LOW FLOAT SWITCH

- ELEVATIONS:**
- EL. (-)35.50 HIGH WATER ALARM
  - EL. (-)36.00 INFLUENT INVERT
  - EL. (-)36.50 LAG PUMP 'ON'
  - EL. (-)37.50 LEAD PUMP 'ON'
  - EL. (-)38.50 ALL PUMPS 'OFF'
  - EL. (-)39.45 LOW WATER ALARM
  - EL. (-)110.10 BOTTOM

PUMP DATA:	
FLUID	RAW SEWAGE
INSTALLATION LOCATION	ATLANTIC ISLES
PUMP TYPE	SUBMERSIBLE PUMP
RATED POINT	CAPACITY, GPM: 70 TDH, FEET: 21
SHUT OFF HEAD, FT	31
CONTINUOUS OPERATING RANGE	MAXIMUM TDH, FT: 25
	CAPACITY, GPM: 81
	MINIMUM TDH, FT: 18
	CAPACITY, GPM: 200
PUMP EFFICIENCY	AT B.E.P., %: 49
	MIN. RUNOUT, %: 43
PUMP CONSTRUCTION	CASING: CAST IRON ASTM A 48 CLASS 35B
	IMPELLER: CAST IRON ASTM A 48 CLASS 35B
	SHAFT: AISI TYPE 431 STAINLESS STEEL
	BEARINGS: L-10 LIFE, HRS. 50,000
	MAX. SHAFT DEFLECTION IN OPERATING RANGE, MILS: -
	MAX. VEL. OF VIBRATIONS IN OP. RANGE, INCH/SEC: -
ELECTRIC MOTOR	SUCTION, INCHES: N/A
	DISCHARGE, INCHES: 4"
	RATED HP: 3
	RPM: 1710
	VOLTS/PHASE/Hz/S.F.: 240/3/60/1.15
	AMBIENT TEMP. FOR MOTOR RATING, °C: CLASS H INSULATION RATED FOR 180
	MAXIMUM TEMP. RISE, °C: 80
	BEARINGS: L-10 LIFE, HRS. 50,000
	MAX. VIBRATION AMP., MILS: -
	NOISE LEVEL, @90 METER: -
NEMA DESIGN CODE LETTER: B / MG 1 PART 31 COMPLIANT VFD	
START. CURR. LETTER CODE: H	
INSULATION CLASS: H	
MOTOR RATED HP NOT OVERLOADED AT ANY POINT IN THE PUMPS PERFORMANCE CURVE	
MANUFACTURERS & MODELS	PUMP: FLYGT 4" CP3085.183; IMPELLER: 436=144mm MOTOR: FLYGT 15-10-4AL

**CERTIFICATION**

I HEREBY CERTIFY THAT THE AS-BUILT MEASUREMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED IN THE FIELD UNDER MY DIRECTION.

RAFAEL FILIPPELLI, P.S.M.  
FLORIDA REG. # 4901

DATE OF SURVEY: 4/10/10

**FILIPPELLI SURVEYING, INC.**  
17831 ORANGE GROVE BLVD.  
LOXAHATCHEE, FL 33470  
CERTIFICATE OF AUTHORIZATION: LB # 7822  
Phone 561-719-0025

**BACKFLOW PREVENTER WITH HOSE BIBB**  
N.T.S.

CITY OF SUNNY ISLES BEACH, FL  
ATLANTIC ISLES ROADWAY  
AND UTILITY IMPROVEMENTS  
8" DIA. SUBMERSIBLE PUMP STATION  
MECHANICAL PLAN, SECTIONS AND PUMP DATA

**DRAWING HISTORY**

RELEASED FOR	DATE	BY
REVIEW 30%		
REVIEW 70%		
REVIEW 100%		
PERMIT		

**REVISIONS**

No.	DESCRIPTION	DATE	BY

**APPROVALS**

CHIEF ENGINEER: \_\_\_\_\_  
SECTION MGR.: \_\_\_\_\_  
PROJECT MGR.: \_\_\_\_\_  
DESIGNED: RSN CHECKED: \_\_\_\_\_  
DRAWN: SAL FINAL CHECK: \_\_\_\_\_

**PS-1318-2**

RICO FILIPPELLI, PSM  
State of Florida Registration #4901  
FILIPPELLI SURVEYING, INC.  
LB#:

**A-4**

ER No.: DS 2009-510

FILE NAME: 054883-MI-AS-BUILT.DWG  
DATE: 7/30/2008 SCALE: AS SHOWN

SHEET M-1

DWG. No. S-00000-A

**ER No.: DS 2009-510**  
**AS-BUILT/RECORD SURVEY**

**CITY OF NORTH MIAMI BEACH**

DRAFT

**From:** [Fuentes, Lisandra](#)  
**To:** [Baker, Michael](#)  
**Cc:** [Rodriguez, Xenia](#)  
**Subject:** [EXTERNAL] FW: 430029-2\_Atlantic Isle at West of SR A1A (Bridge#874218)  
**Date:** Friday, January 27, 2023 4:04:18 PM

---

FYI. See cost estimate from City of North Miami Beach.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Rossy, Karim <Karim.Rossy@citynmb.com>  
**Sent:** Friday, January 27, 2023 3:36 PM  
**To:** Fuentes, Lisandra <Lisandra.Fuentes@dot.state.fl.us>  
**Cc:** Rodriguez, Xenia <Xenia.Rodriguez@dot.state.fl.us>; Romanach, Nicole <Nicole.Romanach@citynmb.com>  
**Subject:** RE: 430029-2\_Atlantic Isle at West of SR A1A (Bridge#874218)

**EXTERNAL SENDER: Use caution with links and attachments.**

Hi Lisandra, thanks again for helping set up the coord mtg today.  
Here is my cost estimate for the relocation of the 2" water main that currently sits on the bridge.

These are rough numbers:

Disconnect pipe : \$5,000  
New connections & valves \$10,000  
100' l.f. of new pipe with casing installed: 15,000  
Design and permits: \$15,000  
Inspection and as-builts: \$5,000

Total: \$50,000.



Karim

---

**From:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>  
**Sent:** Tuesday, January 24, 2023 2:45 PM  
**To:** Rossy, Karim <[Karim.Rossy@citynmb.com](mailto:Karim.Rossy@citynmb.com)>  
**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>; Romanach, Nicole <[Nicole.Romanach@citynmb.com](mailto:Nicole.Romanach@citynmb.com)>  
**Subject:** 430029-2\_Atlantic Isle at West of SR A1A (Bridge#874218)

**[EXTERNAL]** This email originated from outside the organization.  
Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon Karim,

The design team indicated that the water main located along the bridge will need to be relocated temporarily. The engineers believe the water main can be located within the fill and/or sidewalk section under the asphalt, encased. Please provide a **ballpark cost estimate** for the work to be performed within the project limits.

Should you have any questions, do not hesitate to contact me.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

PLEASE NOTE: The City of North Miami Beach is a public entity subject to Chapter 119 of the Florida Statutes concerning public records. E-mail messages are covered under such laws and thus subject to disclosure. All e-mail sent and received is captured by our servers and kept as public record.

PLEASE NOTE: The City of North Miami Beach is a public entity subject to Chapter 119 of the Florida Statutes concerning public records. E-mail messages are covered under such laws and thus subject to disclosure. All e-mail sent and received is captured by our servers and kept as public record.

**From:** [Fuentes, Lisandra](#)  
**To:** [Baker, Michael](#)  
**Cc:** [Rodriguez, Xenia](#); [Danu, Nicholas](#)  
**Subject:** [EXTERNAL] FW: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)  
**Date:** Tuesday, November 22, 2022 12:00:13 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)  
[W-0593 Atlantic Isle as-built Data.pdf](#)  
[Atlantic Isle GIS Data.png](#)

---

See attached form the City of North Miami Beach.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Romanach, Nicole <Nicole.Romanach@citynmb.com>  
**Sent:** Tuesday, November 22, 2022 11:43 AM  
**To:** Fuentes, Lisandra <Lisandra.Fuentes@dot.state.fl.us>  
**Cc:** Rossy, Karim <Karim.Rossy@citynmb.com>  
**Subject:** 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

**EXTERNAL SENDER: Use caution with links and attachments.**

Good morning Ms. Fuentes,

I hope all is well.

Attached please find the City of North Miami Beach's Water Utilities shown in the attached As-built W-0593, Water Atlas, and GIS for the FDOT project 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218).

Please note the 2" water main on the bridge is in a 4" casing as shown on as-built W-0593. We hope to be allowed to stay on the bridge!

Please let me know if you have any questions.

Best Regards,

**Nicole Romanach**

*Engineer II NMB Water*

City of North Miami Beach

O: (305) 948-2967 Ext 7949



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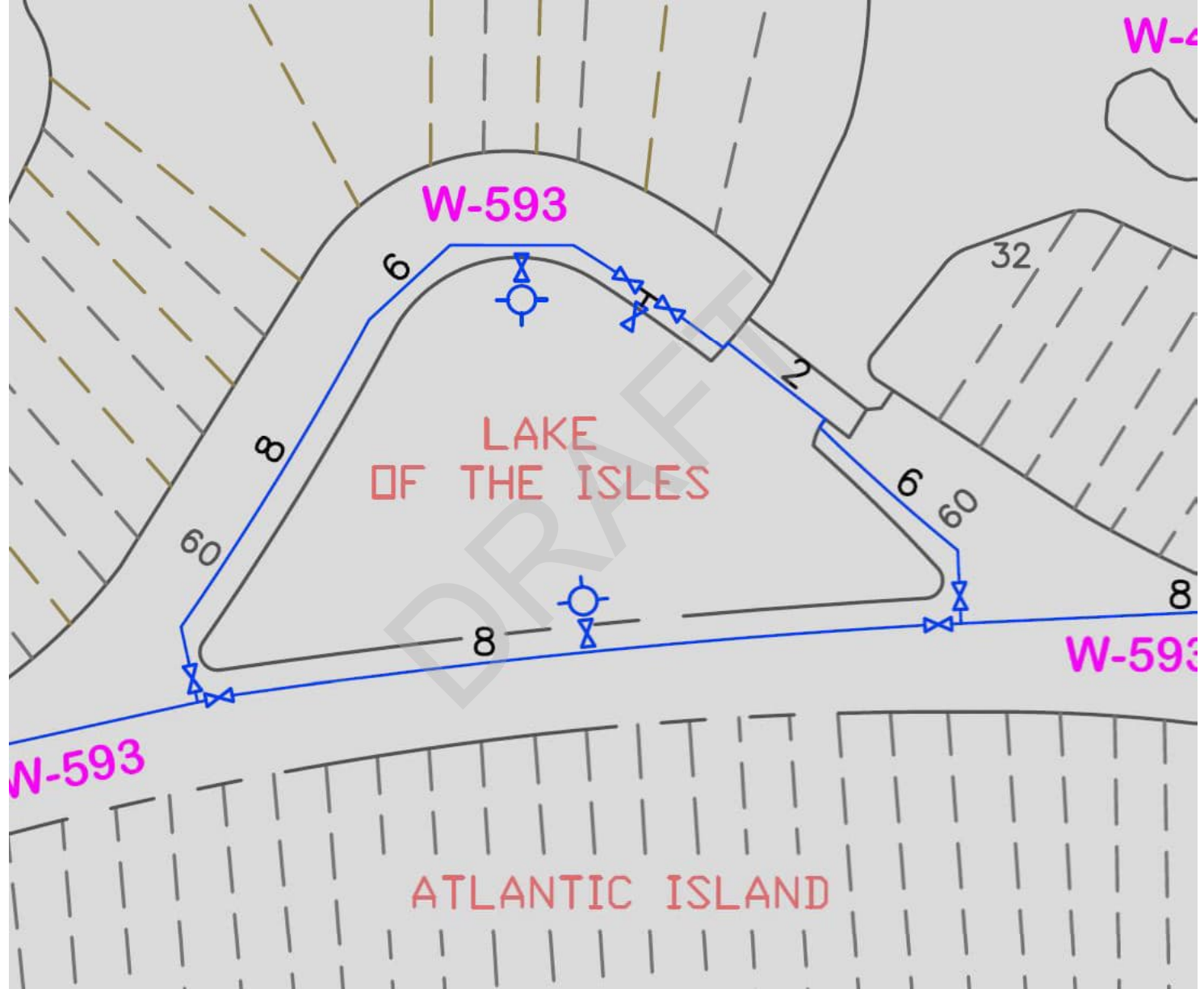
17050 NE 19<sup>th</sup> Avenue, North Miami Beach, FL 33162 [www.nmbwater.com](http://www.nmbwater.com)

NMB Water on Social Media: [f](#) [t](#) [i](#) [in](#)

PLEASE NOTE: The City of North Miami Beach is a public entity subject to Chapter 119 of the Florida Statutes concerning public records. E-mail messages are covered under such laws and thus subject to disclosure. All e-mail sent and received is captured by our servers and kept as public record.

DRAFT





DRAWING NUMBER

ATLANTIC ISLES  
SYSTEM BETTERMENT  
ATLANTIC AVE. SUNNY ISLES

W-0593  
7 of 9

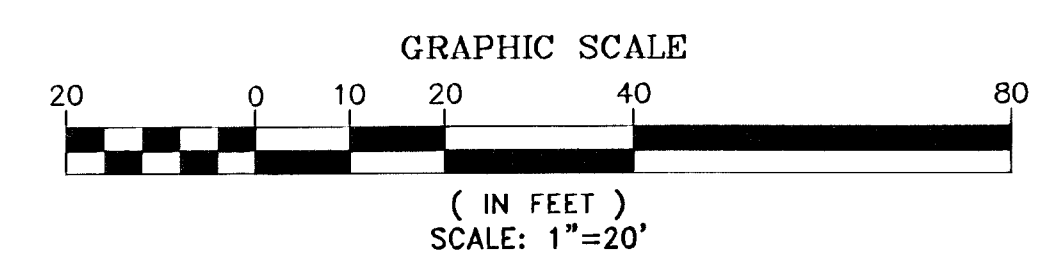
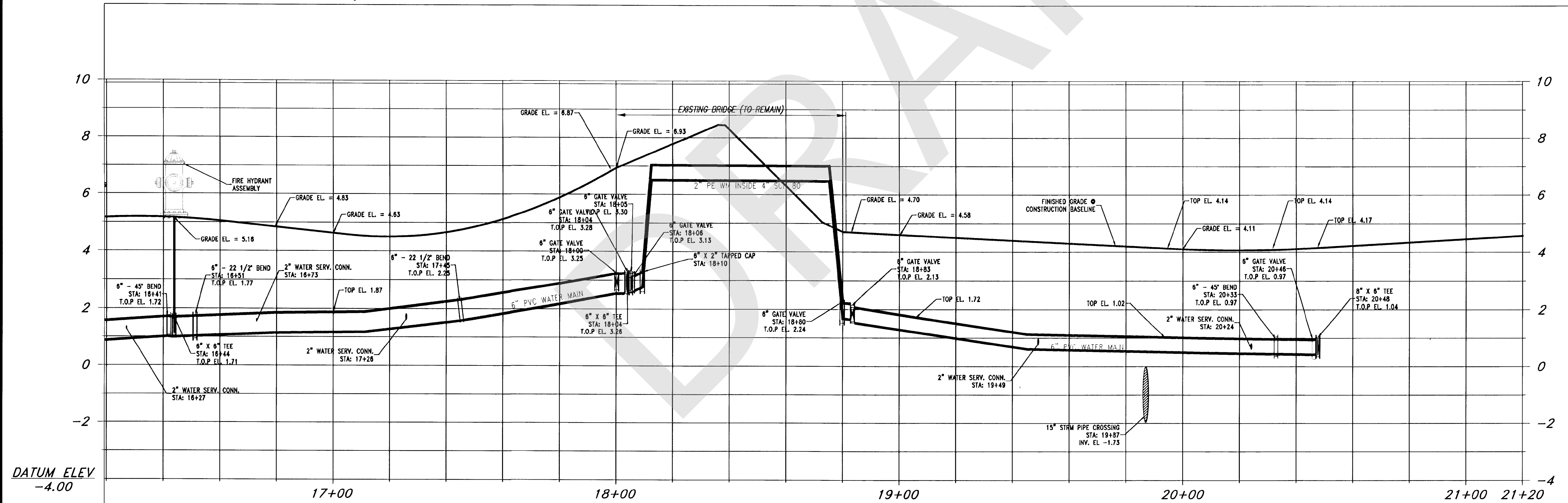
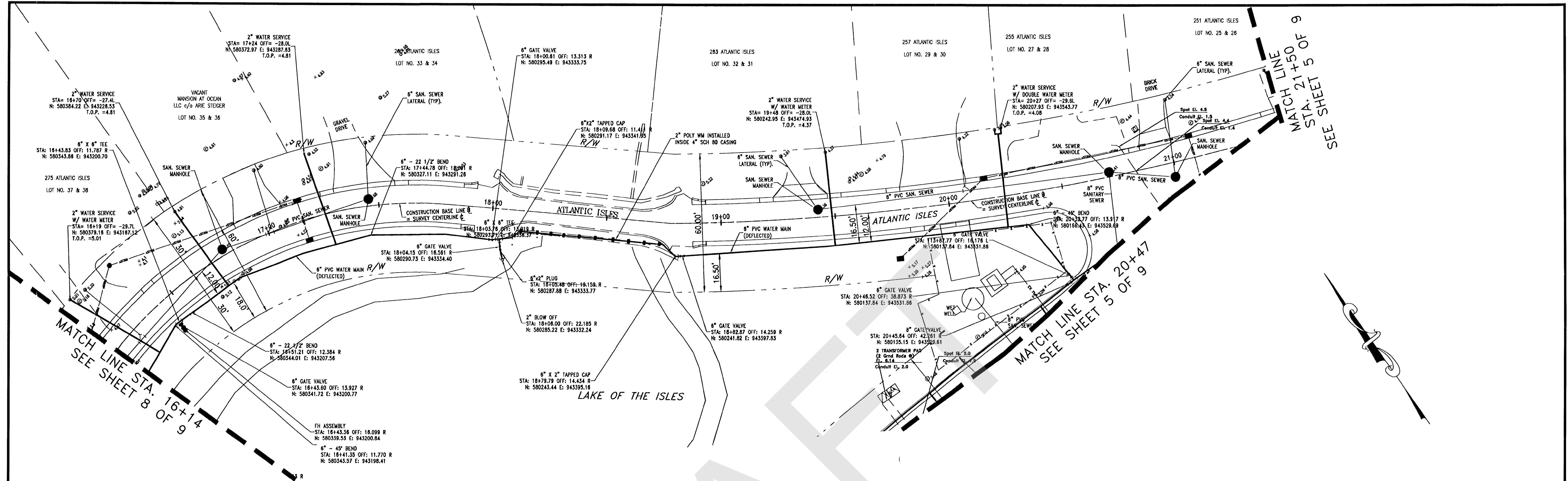
DRAWING NUMBER

SAVED PRODUCTS • NEW YORK, MINNESOTA  
REORDER BY PART NUMBER 0552

SAVED PRODUCTS • NEW YORK, MINNESOTA  
REORDER BY PART NUMBER 0552

SAVED PRODUCTS • NEW YORK, MINNESOTA  
REORDER BY PART NUMBER 0552

SAVED PRODUCTS • NEW YORK, MINNESOTA  
REORDER BY PART NUMBER 0552



WATER MAIN PROFILE - ATLANTIC ISLES  
PROFILE VIEW: HORIZONTAL 1"=20' VERTICAL 1"=2'

AS-BUILT # W-0593

AS-BUILT/RECORD SURVEY

NO	DATE	REVISION	BY	NO	DATE	REVISION	BY

**FILIPPELLI SURVEYING, INC.**  
17831 ORANGE GROVE BLVD.  
LOXAHATCHEE, FL 33470  
CERTIFICATE OF AUTHORIZATION: LB # 7822  
Phone 561-719-0225

CITY OF SUNNY ISLES BEACH, FL  
ATLANTIC ISLES ROADWAY AND UTILITY IMPROVEMENTS  
CONTRACTOR: TENEX ENTERPRISES, INC.

WATER MAIN  
PLAN AND PROFILE

DATE: \_\_\_\_\_  
RAFAEL FILIPPELLI, P.S.M.  
FL. REGISTRATION No. 4901

SCALE: AS SHOWN  
PROJECT No: 05-4893  
CAD FILE: 05-4197-C200-C205-SHM-PLAN  
SHEET: 7 of 9

# **PEOPLE'S GAS/TECO**

DRAFT

**From:** Fuentes, Lisandra <Lisandra.Fuentes@dot.state.fl.us>

**Sent:** Monday, December 19, 2022 2:03 PM

**To:** Baker, Michael <Michael.Baker3@jacobs.com>

**Cc:** Rodriguez, Xenia <Xenia.Rodriguez@dot.state.fl.us>

**Subject:** [EXTERNAL] FW: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

Good afternoon Michael,

See below no facilities response from TECO.

All UAOs have responded, see attached updated utility tracking sheet. If you are missing any response let me know.

On a separate note, please send me the response from Breezline in PDF.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232

---

DRAFT



---

**From:** Rivera, David <[DRRivera@tecoenergy.com](mailto:DRRivera@tecoenergy.com)>  
**Sent:** Monday, December 19, 2022 12:21 PM  
**To:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>  
**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>  
**Subject:** RE: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

Okay,

Based on the location you provided we do not have facilities at that location. (See aerial map below)

Should you have any questions please feel free to contact me

Thank you,

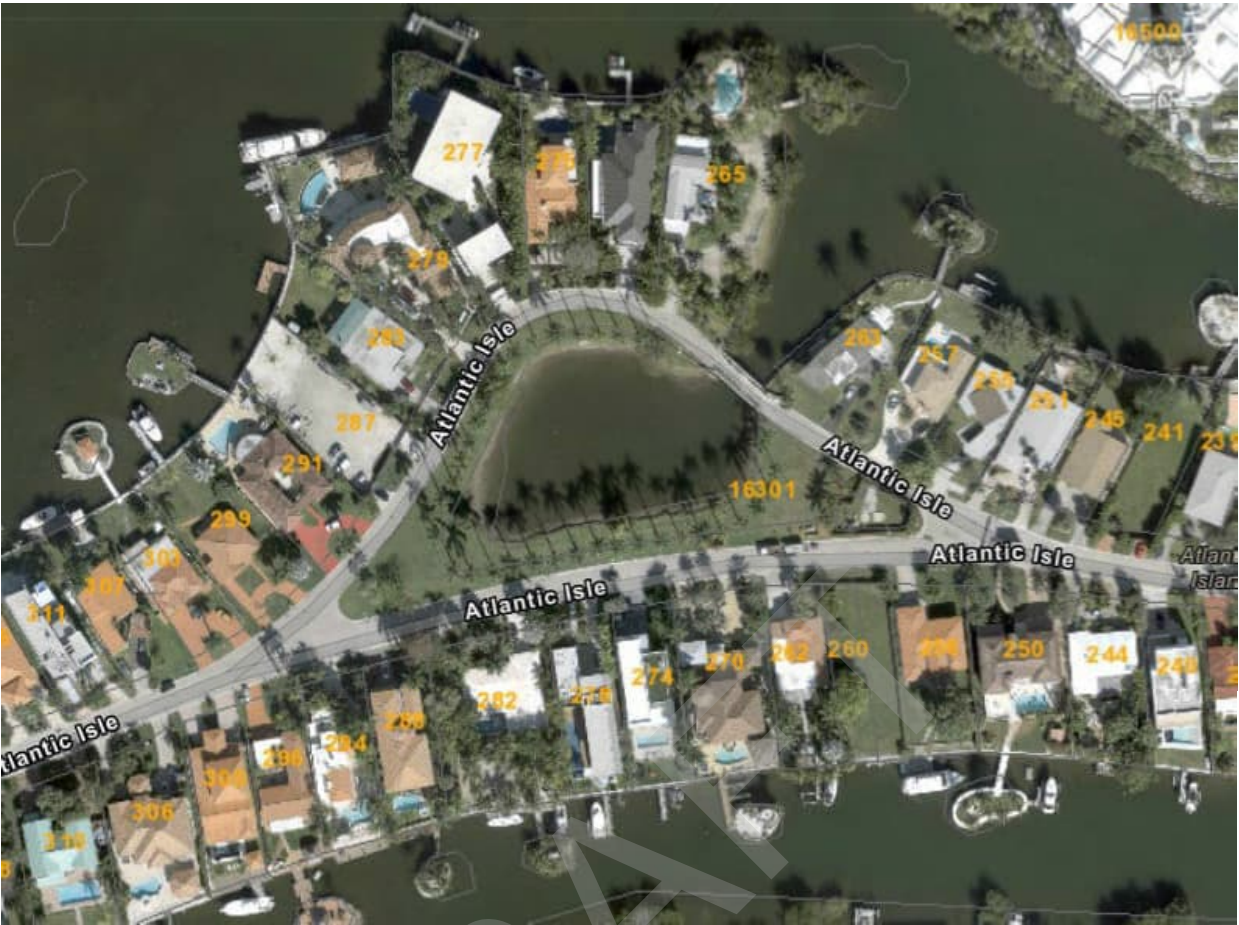
*David Rivera*  
Gas Design Technician



O. 954.453.0794  
F. 954.453.0804

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**From:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>  
**Sent:** Monday, December 19, 2022 12:19 PM  
**To:** Rivera, David <[DRRiviera@tecoenergy.com](mailto:DRRiviera@tecoenergy.com)>  
**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>  
**Subject:** RE: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

At initial contact he did. This is for the preferred alternative and I have not received record drawings or markups.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Rivera, David <[DRRiviera@tecoenergy.com](mailto:DRRiviera@tecoenergy.com)>

**Sent:** Monday, December 19, 2022 12:15 PM  
**To:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>  
**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>  
**Subject:** RE: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

**EXTERNAL SENDER: Use caution with links and attachments.**

Good afternoon,

Alex did not sent you anything regarding this?

Thank you,

*David Rivera*  
Gas Design Technician



O. 954.453.0794  
F. 954.453.0804

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**From:** Fuentes, Lisandra <[Lisandra.Fuentes@dot.state.fl.us](mailto:Lisandra.Fuentes@dot.state.fl.us)>  
**Sent:** Monday, December 19, 2022 12:08 PM  
**To:** Rivera, David <[DRRivera@tecoenergy.com](mailto:DRRivera@tecoenergy.com)>  
**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>; Roche, Alex R. <[ARRoche@tecoenergy.com](mailto:ARRoche@tecoenergy.com)>  
**Subject:** RE: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

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Good afternoon David,

This is a follow up to my email below, please provide markups.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Fuentes, Lisandra  
**Sent:** Wednesday, December 7, 2022 1:55 PM  
**To:** Joseph, James <[James.Joseph@fpl.com](mailto:James.Joseph@fpl.com)>; Rivera, David <[DRRivera@tecoenergy.com](mailto:DRRivera@tecoenergy.com)>  
**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>  
**Subject:** FW: 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

Good afternoon to all,

This is a follow up to my email below, please provide markups.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)

---

**From:** Fuentes, Lisandra  
**Sent:** Wednesday, November 16, 2022 10:34 AM  
**To:** [JF452R@ATT.COM](mailto:JF452R@ATT.COM); Steve Low ([sl4504@att.com](mailto:sl4504@att.com)) <[sl4504@att.com](mailto:sl4504@att.com)>; Pete Freytag <[pfreytag@breezeline.com](mailto:pfreytag@breezeline.com)>; Javares Hall <[jhall@breezeline.com](mailto:jhall@breezeline.com)>; Rossy, Karim <[Karim.Rossy@citynmb.com](mailto:Karim.Rossy@citynmb.com)>; Olivas, Carlos <[Carlos\\_Olivas2@comcast.com](mailto:Carlos_Olivas2@comcast.com)>; Matthew Schwartz <[tssimatt@gmail.com](mailto:tssimatt@gmail.com)>; Mcaskill, Emma <[Emma.Mcaskill@fpl.com](mailto:Emma.Mcaskill@fpl.com)>; Joseph, James <[James.Joseph@fpl.com](mailto:James.Joseph@fpl.com)>; Walter Sancho-Davila <[walter.sancho-davila@hotwirecommunication.com](mailto:walter.sancho-davila@hotwirecommunication.com)>; Chong, Patrick A. (WASD) <[Patrick.Chong@miamidade.gov](mailto:Patrick.Chong@miamidade.gov)>; Rivera, David <[DRRivera@tecoenergy.com](mailto:DRRivera@tecoenergy.com)>  
**Cc:** Rodriguez, Xenia <[Xenia.Rodriguez@dot.state.fl.us](mailto:Xenia.Rodriguez@dot.state.fl.us)>; Negueruela, Haynel <[Haynel.Negueruela@dot.state.fl.us](mailto:Haynel.Negueruela@dot.state.fl.us)>; 'Roche, Alex R.' <[arroche@tecoenergy.com](mailto:arroche@tecoenergy.com)>  
**Subject:** 430029-2-22-01\_ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)

Good morning to all,

Attached please find the preferred alternative for subject project.

**ADJUSTMENT OF UTILITIES – FLORIDIA STATUTES CHAPTER 337.403**

**RE: Project Description:** Project Development & Environment Study  
ATLANTIC ISLE AT WEST OF SR A1A (BRIDGE# 874218)  
**F.P. Number:** 430029-2-22-02  
**F.A.P. Number:** N/A  
**State Road Number:** A1A  
**County:** Miami-Dade

The Florida Department of Transportation (FDOT) is in the development phase of the preferred alternative and final location design approval relating to the above project.

Facilities owned or maintained by your utility agency/owner (UAO) within the project vicinity may require relocation or adjustment as necessitated by final design selection.

Please review **the preferred alternative and provide ballpark cost estimates**, if your facilities are located on right of way owned by you, in an easement acquired for your use or if you have other compensable property interests within the limits of this project, you may be eligible to have your relocation costs reimbursed by the FDOT.

To maintain project schedules, please return the marked-up plans and your response to this office by **December 14, 2022**.

**If you do not have any existing or proposed facilities within the limits of this project, please advise us of that fact in writing.**

Should additional information be required, please contact me at 305-470-5232. Your cooperation in these matters is appreciated.

Thank you,

Lisandra Fuentes  
Utility Coordinator  
In-house Consultant, *KEITH*  
Florida Department of Transportation - District VI  
Adam Leigh Cann Building  
1000 NW 111 Ave.  
Room 6102-B  
Miami, FL 33172-5800  
(305) 470-5232  
[lisandra.fuentes@dot.state.fl.us](mailto:lisandra.fuentes@dot.state.fl.us)