



Town of Highland Beach

Notice of Public Meeting Protocol

The Town of Highland Beach is committed to serving the needs of the public while also working to ensure the safety and health of the town's staff, the community, and visitors alike.

The following information is guidance for preregistration for Zoom or telephone participation, and for viewing and providing public comments at the meeting:

ZOOM PARTICIPATION:

Online or Telephone Access – Access to the meeting will begin on the date and time of the meeting.

- To Join Meeting: All interested persons **must preregister** to participate by contacting Town Clerk Lanelda Gaskins at publiccomments@highlandbeach.us or by calling (561) 278-4548 no later than one (1) business day prior to the meeting date (e.g. by 4:30 P.M. on a Monday if the meeting is scheduled for that Tuesday; and by 4:30 P.M.).
- Meeting access information and instructions will be provided to those persons two hours prior to the meeting.
- The video camera display feature will only be enabled for Public Hearing Quasi-Judicial matters and during public comments only. The video camera display feature will be disabled for public use.

For additional information on using Zoom, please visit Zoom Support by click on the following link: <https://support.zoom.us/hc/en-us>.

Viewing Only - To view the meeting, preregistration is not required. The public can view the meeting on the following:

- Highland Beach TV Channel 99 online streaming on the Town's website and via Highland Beach YouTube at <https://www.youtube.com/channel/UCTAGr8WCa44Y3Q2Bb6UN2mw>.

PROVIDING PUBLIC COMMENT:

Persons desiring to provide public comments must do so by one of the methods listed below. Public comments will be limited to five minutes (three minutes for special Commission meeting items only) per person during the designated section of the agenda. If an interested person desires to provide written public comment, all comments must be directed to Lanelda Gaskins, Town Clerk as follows:

TO SEND COMMENTS IN ADVANCE VIA EMAIL:

- To submit public comments, click on the link <https://mmportal6.teamunicode.com//> to go to the Agendas and Meeting webpage. At the top of the page click on "Public Comments" to submit your comments, or
- Submit your comments to publiccomments@highlandbeach.us.
- The Town will receive such public comments no later than two (2) hours prior to the meeting. If timely received, Town staff will read the public comment at the meeting.

- Live Zoom Video Participation - If attending via Zoom online, please follow Zoom instructions above. Once the meeting gets to the applicable public comment period, the host of the meeting will allow public participants (audio only) into the meeting from the waiting room, to provide live public comment.
- Live Zoom Telephone Participation - If attending via Zoom by telephone, please follow the instructions above. Once the meeting gets to the appropriate public comment period, the host of the meeting will allow public participants into the meeting from the waiting room, to provide live public comment.

Should you have any questions, please feel free to contact the Town Clerk's Office at (561) 278-4548.



TOWN OF HIGHLAND BEACH TOWN COMMISSION MEETING AGENDA

Tuesday, October 18, 2022 AT 1:30 PM

TOWN HALL COMMISSION CHAMBERS

3614 S. OCEAN BOULEVARD
HIGHLAND BEACH, FL 33487

Town Commission

Douglas Hillman	Mayor
Natasha Moore	Vice Mayor
Peggy Gossett-Seidman	Commissioner
Evalyn David	Commissioner
John Shoemaker	Commissioner
Marshall Labadie	Town Manager
Lanelda Gaskins	Town Clerk
Glen J. Torcivia	Town Attorney

-
1. **CALL TO ORDER**
 2. **ROLL CALL**
 3. **PLEDGE OF ALLEGIANCE**
 4. **APPROVAL OF THE AGENDA**
 5. **PRESENTATIONS / PROCLAMATIONS**

A. Resolution No. 2022-025

A Resolution of the Town Commission of the Town of Highland Beach, Florida, ratifying the selection, appointments, and term of office of members of the Board of Adjustments and Appeals; and providing for an effective date.

B. Lightening Protection Presentation by Cole Newman and Mike Dillion

6. **PUBLIC COMMENTS**

Public Comments will be limited to five (5) minutes per speaker.

7. ANNOUNCEMENTS

Board Vacancies

Board of Adjustment and Appeals - One vacancy for a three-year term

Meetings and Events

October 27, 2022 - 11:30 A.M. Financial Advisory Board Regular Meeting

October 27, 2022 - 5:00 - 7:00 P.M. Food Truck Event

November 01, 2022 - 1:30 P.M. Town Commission Meeting

November 02, 2022 - 9:30 A.M. Natural Resources Preservation Advisory Board
Regular Meeting

November 09, 2022 - 1:00 P.M. Code Enforcement Board Regular Meeting

November 10, 2022 - 9:30 A.M. Planning Board Regular Meeting

Board Action Report

None.

8. ORDINANCES

A. None.

9. CONSENT AGENDA

A. None.

10. UNFINISHED BUSINESS

A. Fire Rescue Implementation Update

1. Discussion on Fire Station Construction

11. NEW BUSINESS

A. Introduction of proposed amendment to the Town Code of Ordinances to incorporate sea turtle protection lighting standards.

B. Introduction of Zoning District density review.

C. Consideration of a Right of Way Permit for AT&T to work along State Road A1A.

- D. Consideration to approve and authorize the Mayor to execute additional contract agreement with AXON Enterprise, Inc. extending the term of the contract ten years for the purchase of body cameras, in-car cameras, LPR cameras, docking stations, mounts, redaction assistant, battery packs, automated activation feature, licensing, and warranty for the Police Department.
- E. Water and Sewer October 01, 2023 Billing Rate Review. - Vice Mayor Moore
- F. Discussion of process to fill temporary vacancy of Commissioner Seat Expiring March 2024.
- G. Approval of Meeting Minutes

October 04, 2022 - Commission Meeting Minutes

12. TOWN COMMISSION COMMENTS

Commissioner John Shoemaker

Commissioner Evalyn David

Commissioner Peggy Gossett-Seidman

Vice Mayor Natasha Moore

Mayor Douglas Hillman

13. TOWN ATTORNEY'S REPORT

14. TOWN MANAGER'S REPORT

15. ADJOURNMENT

NOTE: Any person, firm or corporation decides to appeal any decision made by the Town Commission with respect to any matter considered at this meeting, such person will need to ensure that a verbatim record including testimony and evidence upon which the appeal is to be based. (State Law requires the above Notice. Any person desiring a verbatim transcript shall have the responsibility, at his/her own cost, to arrange for the transcript.) The Town neither provides nor prepares such record.

In accordance with the Americans with Disabilities Act, persons who need accommodation in order to attend or participate in this meeting should contact Town Hall 561-278-4548 within a reasonable time prior to this meeting in order to request such assistance

File Attachments for Item:

A. Resolution No. 2022-025

A Resolution of the Town Commission of the Town of Highland Beach, Florida, ratifying the selection, appointments, and term of office of members of the Board of Adjustments and Appeals; and providing for an effective date.



TOWN OF HIGHLAND BEACH AGENDA MEMORANDUM

MEETING TYPE: Commission Meeting

MEETING DATE October 18, 2022

SUBMITTED BY: Ganelle Thompson, Administrative Support Specialist

SUBJECT: Resolution No. 2022-025

A Resolution of the Town Commission of the Town of Highland Beach, Florida, ratifying the selection, appointments, and term of office of members of the Board of Adjustments and Appeals; and providing for an effective date.

SUMMARY:

Consideration of Resolution No. 2022-025 ratifying the selection, appointments, and term of office of members of the Board of Adjustments and Appeals; and providing for an effective date.

On May 28, 2022, Mr. Fred Rosen's unexpired term as a member of the Board of Adjustments and Appeals ended, which created one (1) vacancy for a full three-year term.

The Town Clerk's Office received one (1) board application for Town Commission consideration. The applicant's name is as follows:

Appointment

Fred Rosen (Sub Div: Braemar Isle)

As set forth in Sec. 2-99, in the Town's code, terms for all boards shall be three (3) years, and no board member may serve more than two (2) consecutive terms on the same board without first taking a one-year hiatus from the board. Appointments for partial terms shall not count toward the two-term limit. Additionally, in accordance with Resolution 19-029, the Highland Beach Police Department (HBPD) reported a preliminary background check on each applicant to the Town Clerk's Office. The background check result disclosed there were no objectionable findings. Lastly, there is no history found for any code violations.

FISCAL IMPACT:

N/A

ATTACHMENTS:

Chairperson Vetting Memorandum
Fred Rosen Application
Resolution No. 2022-025

RECOMMENDATION:

With the Commission's consideration, Staff recommends the adoption of Resolution No. 2022-025 for the applicant to serve a full three-year term ending October 18, 2025.



MEMORANDUM

TO: Lanelda Gaskins, MMC, Town Clerk

FROM:

DATE:

SUBJECT: Initial Vetting of Applicant:

On 4/17/2022 (date), I met with FRED ROSEN (applicant's name) to discuss his/her community involvement, education, professional experiences and the positive impact he/she could bring to this Board for the betterment of the Highland Beach community.

Detail Explanation:

Fred has been a member of our Board for the past 2 years. Delighted he is still willing to serve another term. He brings much experience to the table being involved at Braemer Isle, Boca Highlands Beach Club and the Grievance Committee there. He has great love for our community.

Based upon my review of the Resume', the Board Application and the Interview today, my recommendation is as follows:

☒ For the Appointment of this Applicant

☐ Against the Appointment of this Applicant

Bonnie Falk

Signature of Board Chairperson



Town of Highland Beach
Town Clerk's Office
3614 S. Ocean Boulevard
Highland Beach, Florida 33487
Phone: (561)278-4548 Fax: (561)265-3582

RECEIVED

APR 08 2022

Town of Highland Beach, FL
Town Clerk's Office

BOARDS AND COMMITTEES APPLICATION

This information is for consideration of appointment to a Town Board. Please complete and return this form to the Town Clerk, along with your *resume and proof of residency such as a government issued identification or voter registration card.*

PLEASE NOTE: Florida Public Records Law is very broad. Documents relevant to town business is public records and is subject to public disclosure upon request. Your information provided within this application may therefore be subject to public disclosure.

NAME: FRED ROSEN PHONE: 732 614 1743

HOME ADDRESS: 4740 S OCEAN BLVD Highland Beach APT. NO. 1015

SUBDIVISION: _____ EMAIL ADDRESS: _____

PLEASE SELECT THE BOARD(S) / COMMITTEE(S) ON WHICH YOU ARE INTERESTED IN SERVING IN NUMERICAL ORDER FROM 1 THROUGH 5, WITH 1 BEING YOUR FIRST CHOICE AND 5 THE LEAST CHOICE. (A description of the responsibilities of each Board is on the back of this application.)

☒ Board of Adjustment & Appeals

_____ Code Enforcement Board

_____ Financial Advisory Board

_____ Natural Resources Preservation Board

_____ Planning Board

_____ Other Board /Committee

PLEASE MARK YES OR NO FOR EACH OF THE FOLLOWING QUESTIONS:

Are you a resident of Highland Beach?

Yes ☒ No _____

Are you a registered voter in Highland Beach/Palm Beach County, FL?

Yes ☒ No _____

Are you currently serving on a Town Board?

Yes ☒ No _____

Have you ever served on a Town Board/Committee?

Yes ☒ No _____

If so, please indicate the Board(s)/Committee(s)? BOA Highland Beach

Date of Service: 2020-2022

Are you willing to attend monthly board meetings? In Person / Telecom

Yes ☒ No _____

Per Town Code of Ordinance, I understand any member absence from three (3) consecutive meetings will be considered as resignation from the board/committee.

Yes ☒ No _____

Please list any special talent, qualification, education or professional experience that would contribute to your service on the Board/Committee you have selected?

50 yrs OF BUSINESS EXPERIENCE —
MANUFACTURING, MARKETING, SALES, EMPLOYEE RELATIONS

Please summarize your volunteer experience(s):

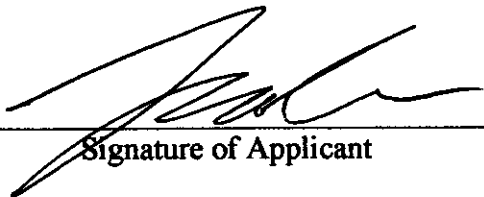
VP BRACMAN ISLE ASSOC
GOVERNOR + BOARD DIRECTOR, BOCA HIGHLANDS BEACH CLUB + MARINA
GRIEVANCE COM BOCA HIGHLANDS
VICE CHAIRMAN APPEALS BOARD HIGHLANDS BEACH

Florida Law requires appointed members on the Planning and Board of Adjustment and Appeals Boards to file a Form 1 - Statement of Financial Interests Disclosure form on an annual basis.

Vetting by the Board Chairperson. The Chairperson of each Board shall interview the applicant and submit a memorandum of recommendation to the Town Clerk's Office 14 days prior to the Town Commission Workshop Meeting for final appointment.

Palm Beach County Commission on Ethics requires appointed members to take the Code of Ethics Training every two (2) years.

I hereby certify that the statements and answers provided are true and accurate to the best of my knowledge.



Signature of Applicant

4/2/2022

Date

☐ Resume Attached.



Town of Highland Beach
Town Clerk's Office
3614 S. Ocean Boulevard
Highland Beach, Florida 33487
Phone: (561)278-4548 Fax: (561)265-3582

RECEIVED

APR 08 2022

Town of Highland Beach, FL
Town Clerk's Office

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This information is for consideration of appointment to a Town Board. Please complete and return this form to the Town Clerk, along with your *resume and proof of residency such as a government issued identification or voter registration card.*

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NAME: FRED ROSEN PHONE: 732 614 1743

HOME ADDRESS: 4740 S OCEAN BLVD Highland Beach APT. NO. 1015

SUBDIVISION: _____ EMAIL ADDRESS: _____

PLEASE SELECT THE BOARD(S) / COMMITTEE(S) ON WHICH YOU ARE INTERESTED IN SERVING IN NUMERICAL ORDER FROM 1 THROUGH 5, WITH 1 BEING YOUR FIRST CHOICE AND 5 THE LEAST CHOICE. (A description of the responsibilities of each Board is on the back of this application.)

<input checked="" type="checkbox"/> Board of Adjustment & Appeals	<input type="checkbox"/> Code Enforcement Board
<input type="checkbox"/> Financial Advisory Board	<input type="checkbox"/> Natural Resources Preservation Board
<input type="checkbox"/> Planning Board	<input type="checkbox"/> Other Board /Committee

PLEASE MARK YES OR NO FOR EACH OF THE FOLLOWING QUESTIONS:

Are you a resident of Highland Beach?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Are you a registered voter in Highland Beach/Palm Beach County, FL?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Are you currently serving on a Town Board?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Have you ever served on a Town Board/Committee?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If so, please indicate the Board(s)/Committee(s)? <u>BOA Highland Beach</u>	Date of Service: <u>2020-2022</u>
Are you willing to attend monthly board meetings? In Person / Telecom	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Per Town Code of Ordinance, I understand any member absence from three (3) consecutive meetings will be considered as resignation from the board/committee.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

Please list any special talent, qualification, education or professional experience that would contribute to your service on the Board/Committee you have selected?

50 yrs OF BUSINESS EXPERIENCE —
MANUFACTURING, MARKETING, SALES, EMPLOYEE RELATIONS

Please summarize your volunteer experience(s):

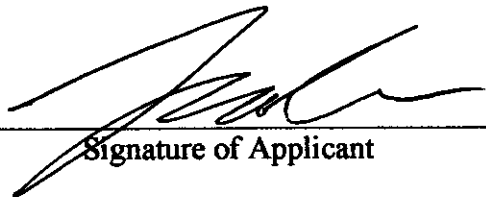
VP BRACMAN ISLE ASSOC
GOVERNOR + BOARD DIRECTOR, BOCA HIGHLANDS BEACH CLUB + MARINA
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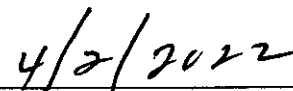
Vetting by the Board Chairperson. The Chairperson of each Board shall interview the applicant and submit a memorandum of recommendation to the Town Clerk's Office 14 days prior to the Town Commission Workshop Meeting for final appointment.

Palm Beach County Commission on Ethics requires appointed members to take the Code of Ethics Training every two (2) years.

I hereby certify that the statements and answers provided are true and accurate to the best of my knowledge.



Signature of Applicant



Date

☐ Resume Attached.



RESOLUTION NO. 2022-025

A RESOLUTION OF THE TOWN COMMISSION OF THE TOWN OF HIGHLAND BEACH, FLORIDA, RATIFYING THE SELECTION, APPOINTMENTS AND TERM OF OFFICE OF MEMBERS OF THE BOARD OF ADJUSTMENT AND APPEALS BOARD; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Chapter 20, Article III, Sec. 20-46 of the Town's Code of Ordinances establishes the Board of Adjustment and Appeals Board and governs the membership, qualification, function, and rules of the Board of Adjustment and Appeal Board; and

WHEREAS, these provisions of the Code establish the selection, appointment, and terms of office of members of the Board of Adjustment and Appeals Board; and

WHEREAS, in May 2022, the terms of two board members term expired, thereby opening two (2) vacancies on the Board; and

WHEREAS, on May 28, 2022, Board Member Fred Rosen's previous term ended having served on the Board of Adjustments and Appeals during an unexpired term; and is eligible for reappointment to serve a full three-year term ending October 18, 2025; and

WHEREAS, pursuant to Sec. 2-99(1)(a) of the Town's Code of Ordinances, the chairperson of each board shall interview applicants for the board and provide a recommendation to the Town Commission; and

WHEREAS, the chairperson of the Board of Adjustment and Appeals Board interviewed the applicant and recommends that the Town Commission appoint one applicant to the Board; and

WHEREAS, Town residents interested in serving on or continuing to serve on the Board of Adjustment and Appeal Board have submitted a board application for the Town Commission's consideration.

NOW, THEREFORE, BE IT RESOLVED BY THE TOWN COMMISSION OF THE TOWN OF HIGHLAND BEACH, FLORIDA, THAT:

Section 1. The foregoing "WHEREAS" clauses are true and correct and hereby ratified and confirmed by the Town Commission.

Section 2. Consistent with the Town's Code of Ordinances, one (1) member has been selected by the Town Commission to serve on the Board of Adjustment and Appeal Board as follows:

Board Member	<u>Fred Rosen</u>	<u>Term expires October 18, 2025</u>
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Section 3. This Resolution shall become effective upon adoption.

DONE AND ADOPTED by the Town Commission of the Town of Highland Beach, Florida, this
18th day of **October** 2022.

Douglas Hillman, Mayor

ATTEST:

REVIEWED FOR LEGAL SUFFICIENCY:

Lanelda Gaskins, MMC
Town Clerk

Glen Torcivia
Town Attorney

VOTES:

YES NO

Mayor Douglas Hillman
Vice Mayor Natasha Moore
Commissioner Peggy Gossett-Seidman
Commissioner Evalyn David
Commissioner John Shoemaker

File Attachments for Item:

B. Lightening Protection Presentation by Cole Newman and Mike Dillion



presents

LIGHTNING PROTECTION 101

24 Lanson Drive, Winsted, CT 06098 - Telephone 860-379-5946

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www.lightningsafetyalliance.org

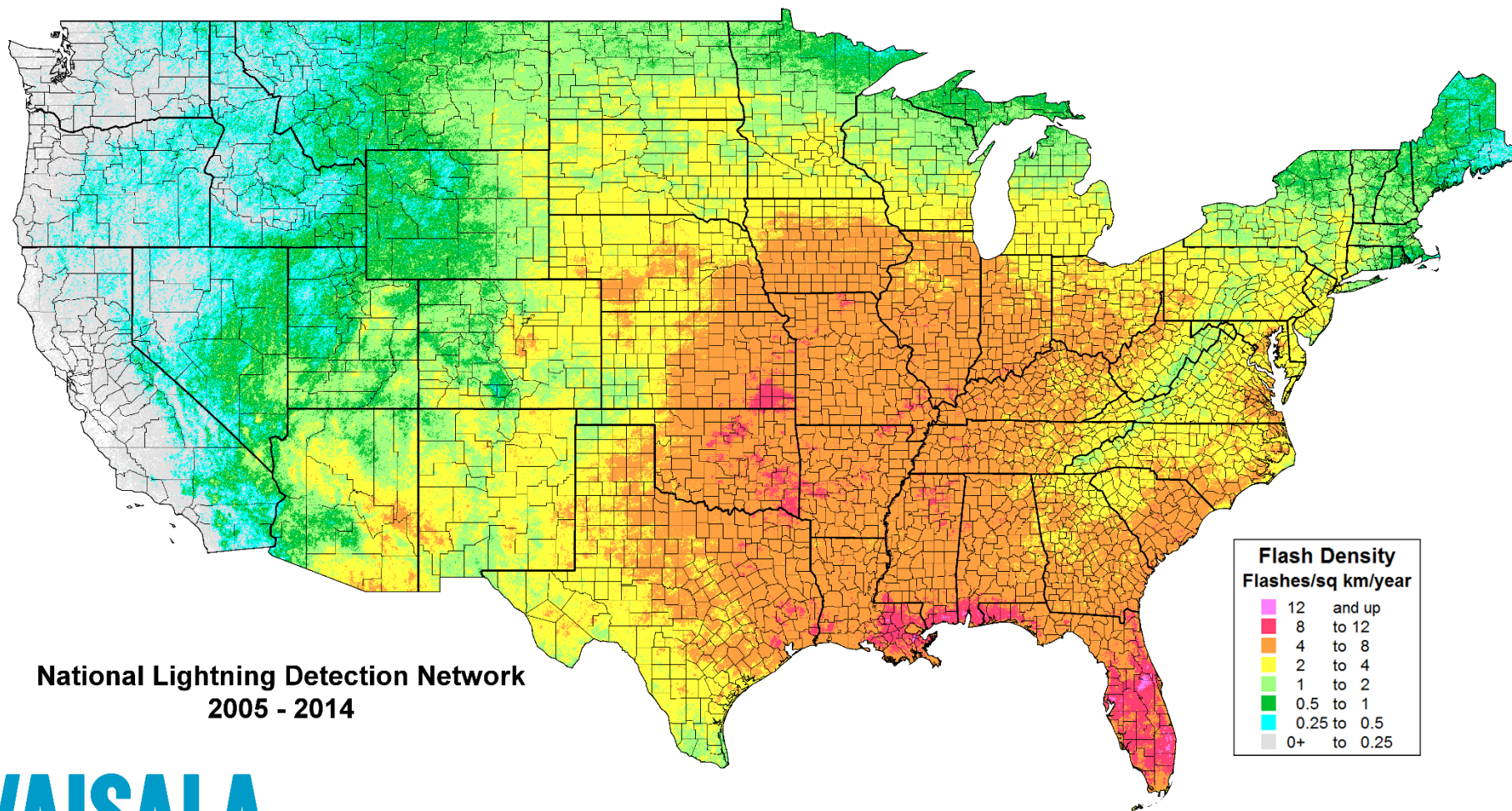
OVERVIEW

- Lightning Facts & Figures
- What is Lightning?
- Elements of the Lightning Protection System
- Standards & Requirements
- Quality Assurances
- Beware of Non-Conventional Methods

LIGHTNING FACTS & FIGURES

- A bolt of lightning can generate heat in excess of 50,000⁰ F.
- Lightning travels 90,000 miles per SECOND.
- Thunder travels 2/10 mile per second.
- 5 seconds between the flash and the bang means lightning is 1 mile away.

Lightning strikes the US 20 millions times each year.



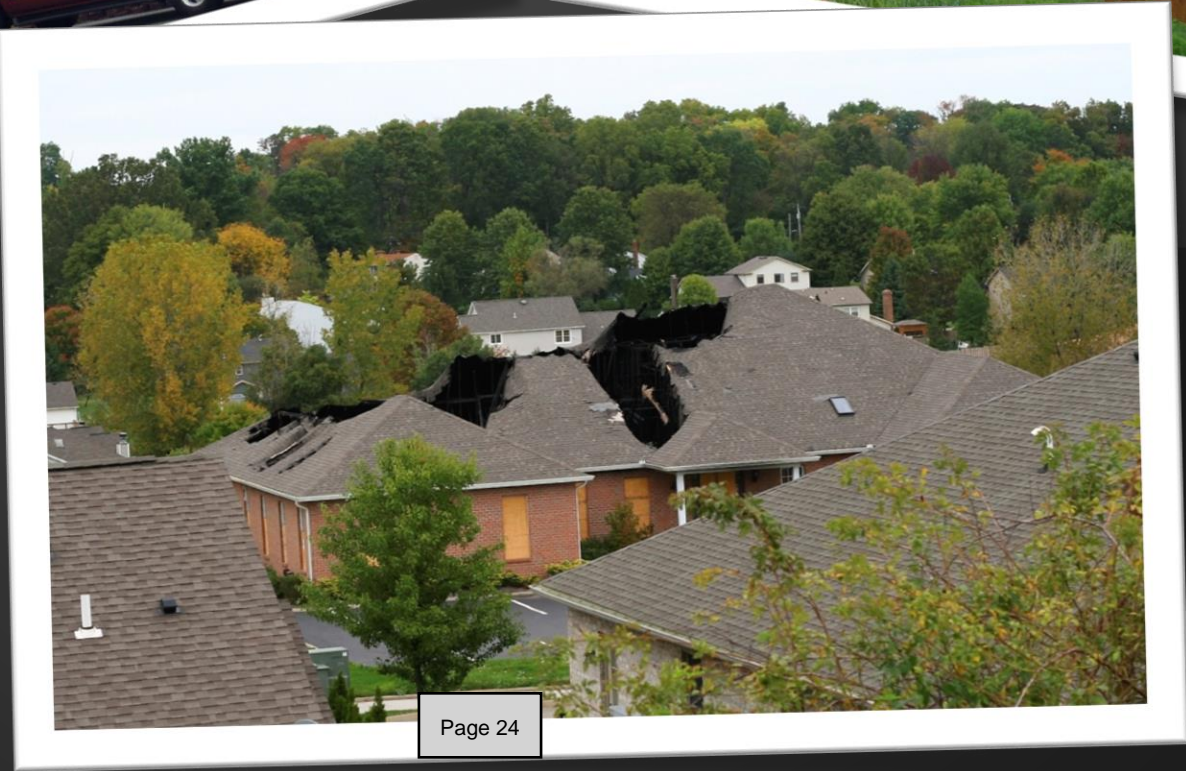
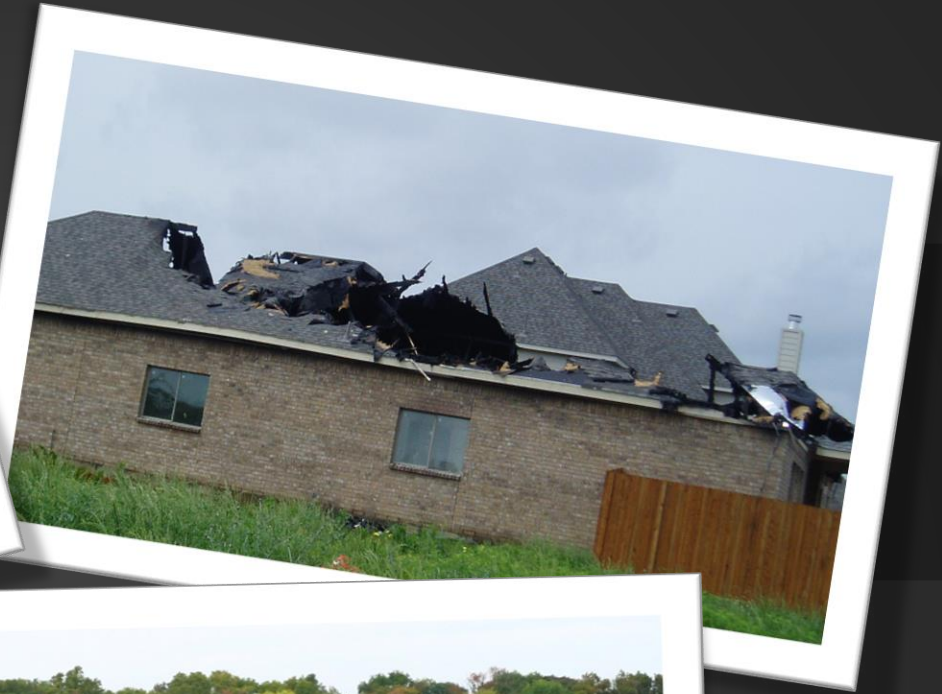
The background of the slide is a collage of US dollar bills, including \$100 and \$50 bills, which are slightly faded and overlaid with a dark grey semi-transparent rectangle. A solid blue square is located in the top-left corner.

SAFETY & ECONOMIC CONSEQUENCES

- 3-5% of all commercial insurance claims are lightning related.
- Annual property losses due to lightning in the United States exceed \$1 billion.
- The FAA estimates that lightning costs the airlines \$2 billion annually in operating costs and passenger delays.
- Lightning is the leading cause of all church fires.
- Lightning is one of the leading causes of weather related deaths.
- 250,000 insurance claims for lightning damage are paid every year. – Average claim is \$7400.



DEVASTATION



DEVASTATION



DEVASTATION

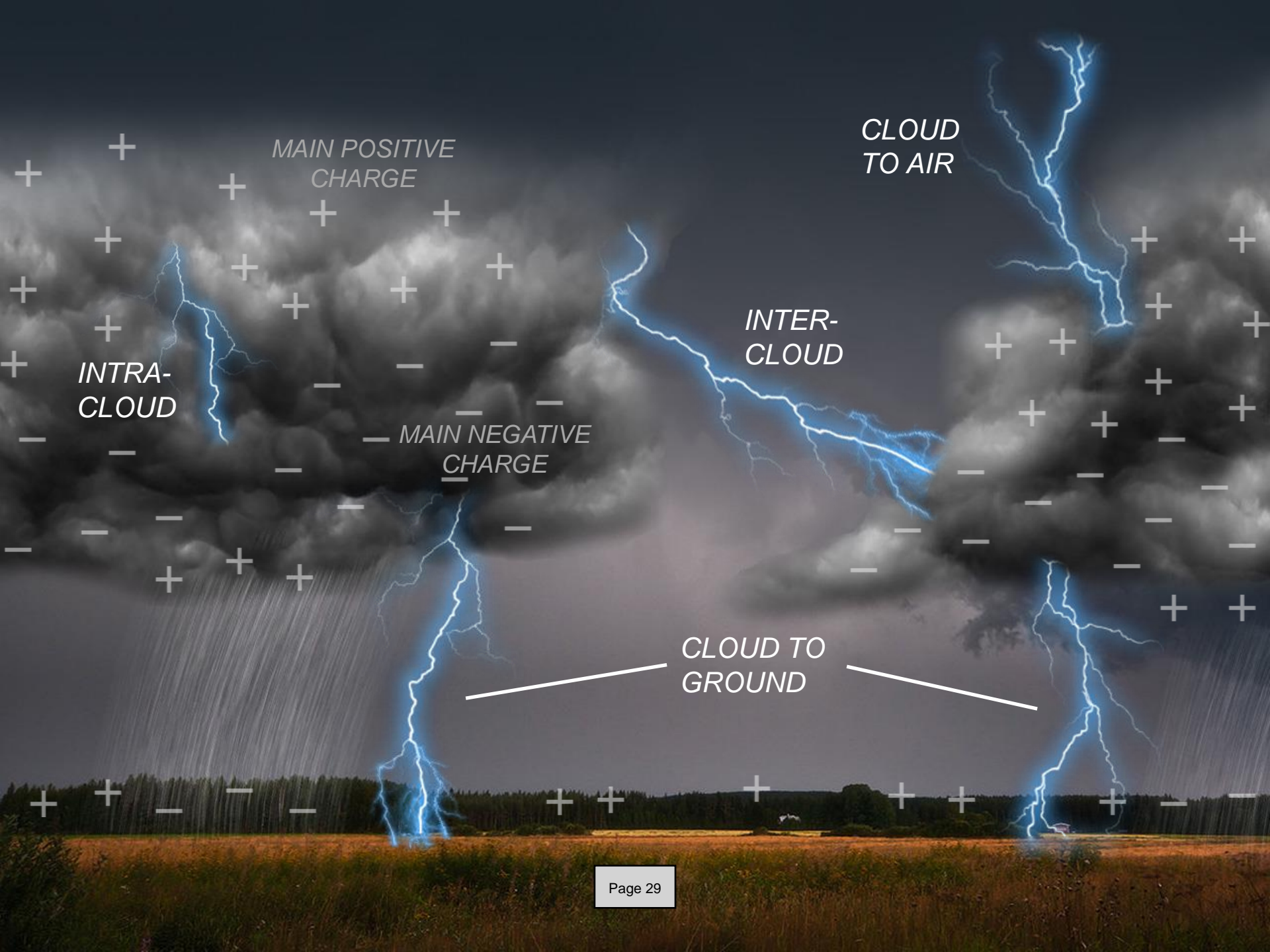
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BOX OFFICE 2



WHAT IS LIGHTNING?





INTRA-
CLOUD

MAIN POSITIVE
CHARGE

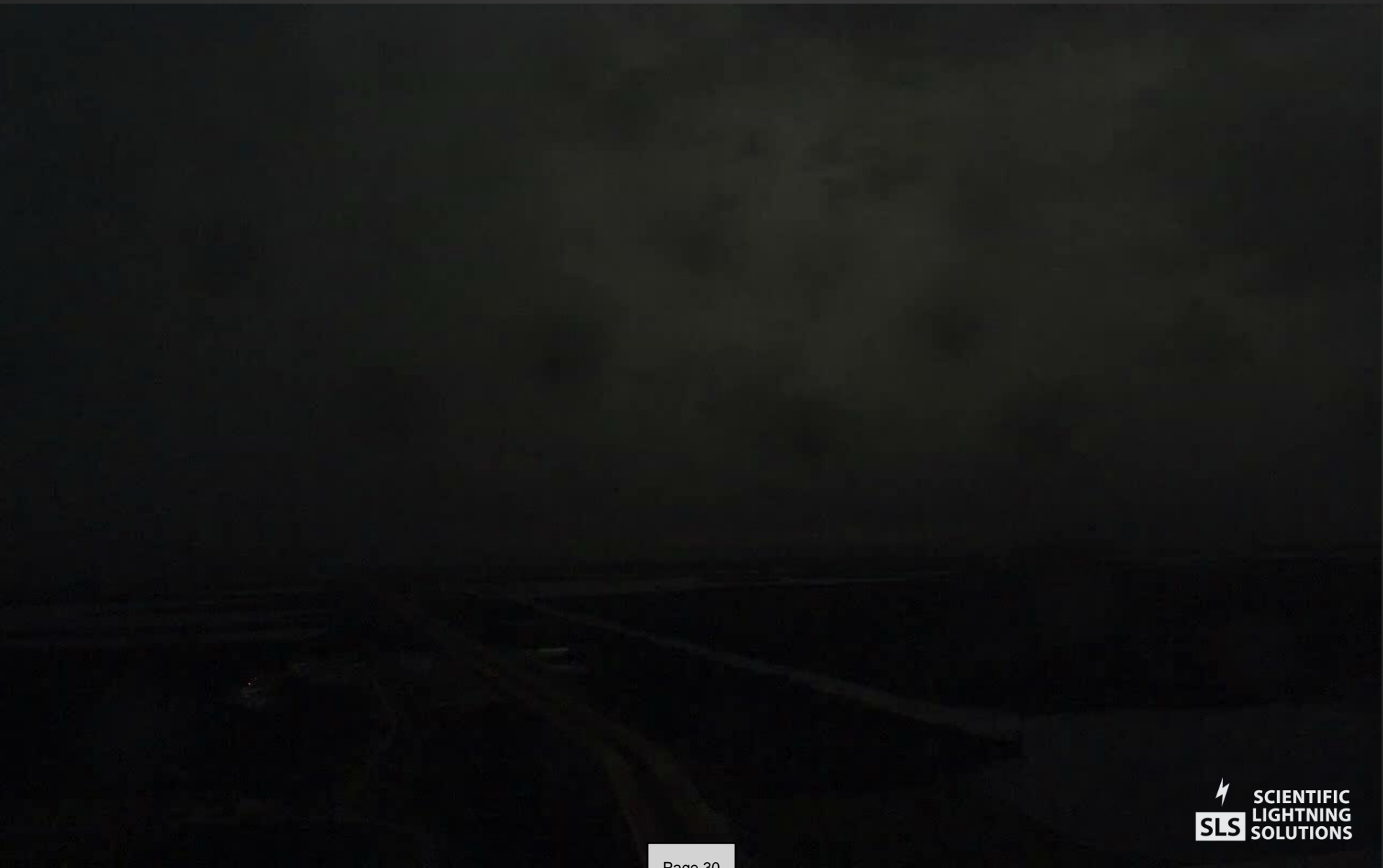
MAIN NEGATIVE
CHARGE

INTER-
CLOUD

CLOUD
TO AIR

CLOUD TO
GROUND

HIGH SPEED VIDEO (5fps Playback)



HIGH SPEED VIDEO (5fps Playback)

51,500 feet elevation →

LMA Source Height
(meters)

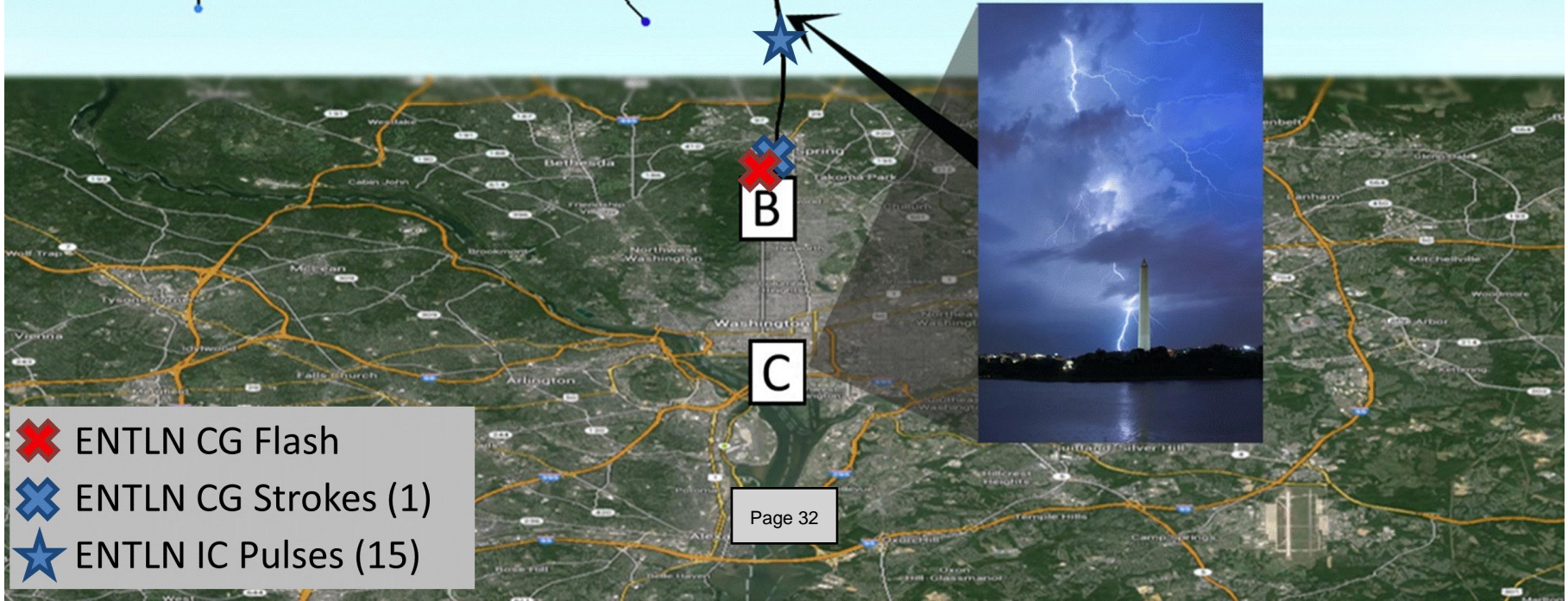
- < 4,000
- 4,000 - 5,000
- 5,000 - 7,000
- 7,000 - 9,000
- 9,000 - 11,000
- 11,000 - 13,000
- > 13,000

Lightning Plot

June 25, 2014, 9:35 pm

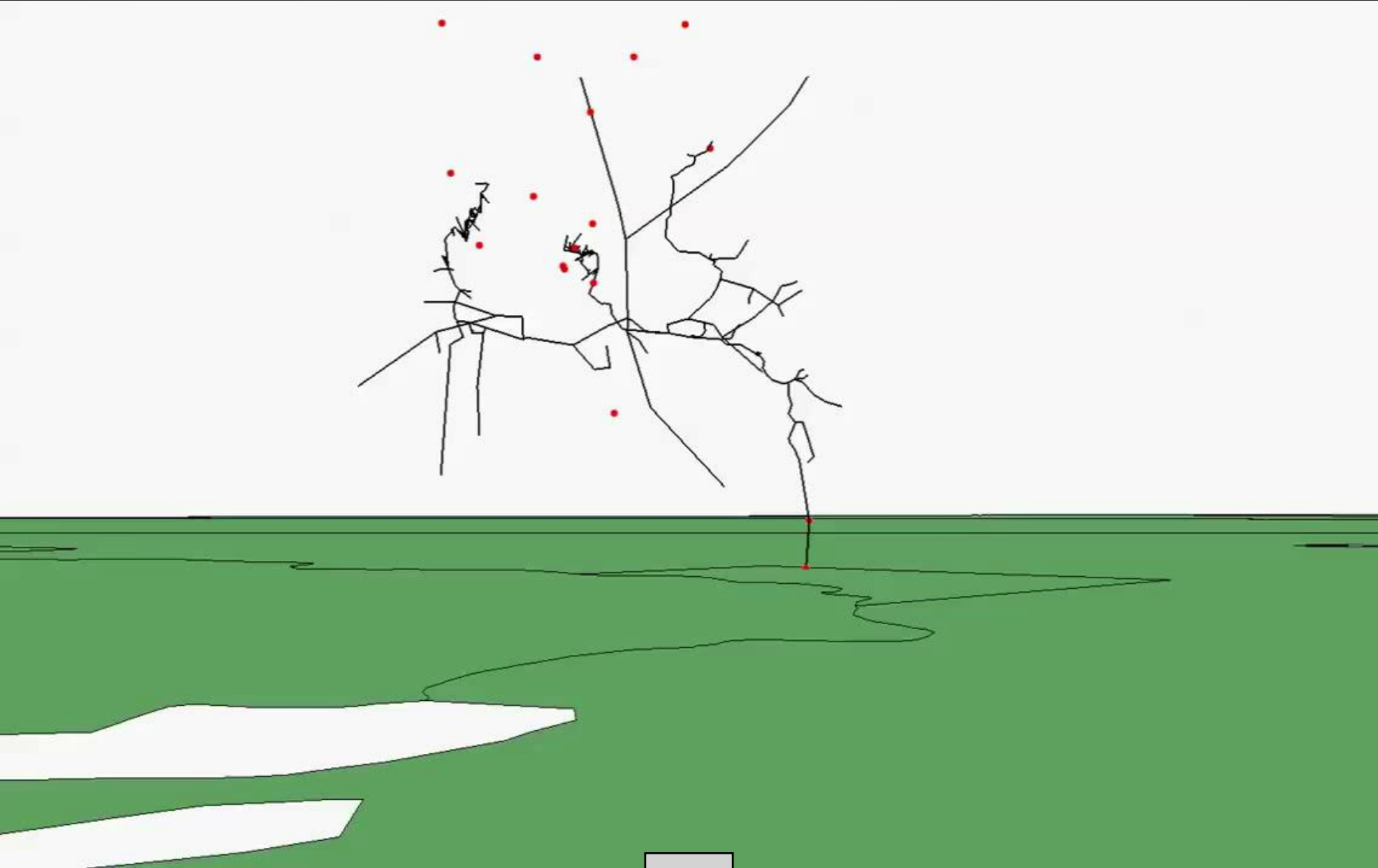
- A** Lightning Origin
(27,600 feet over Falls Church, VA)
- B** Struck Ground
(1 mile south of Silver Spring, MD)
- C** Photograph Location
(Jefferson Memorial)

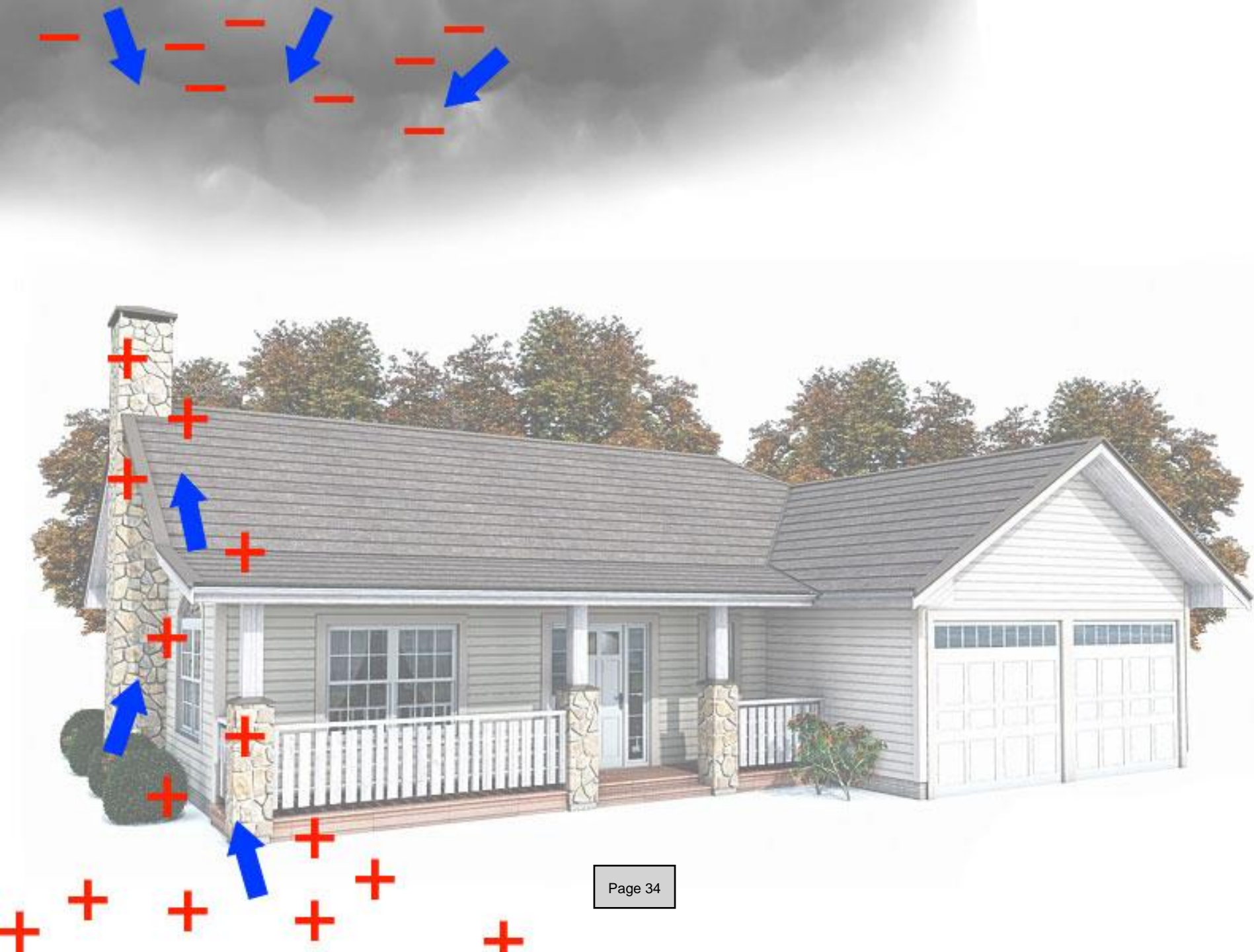
Distance - Origin to Ground:
14.84 km, 9.22 miles



- ✖ ENTLN CG Flash
- ✖ ENTLN CG Strokes (1)
- ★ ENTLN IC Pulses (15)

Animation of a 3D map of a lightning strike over Washington, DC





ELEMENTS



- **Air Terminals**
- **Conductors**
- **Bonding Connections**
- **Grounding Terminations**
- **Surge Protection Devices (SPD)**

INSTALLATION STANDARDS



NFPA 780: *Standard for the Installation of Lightning Protection Systems*

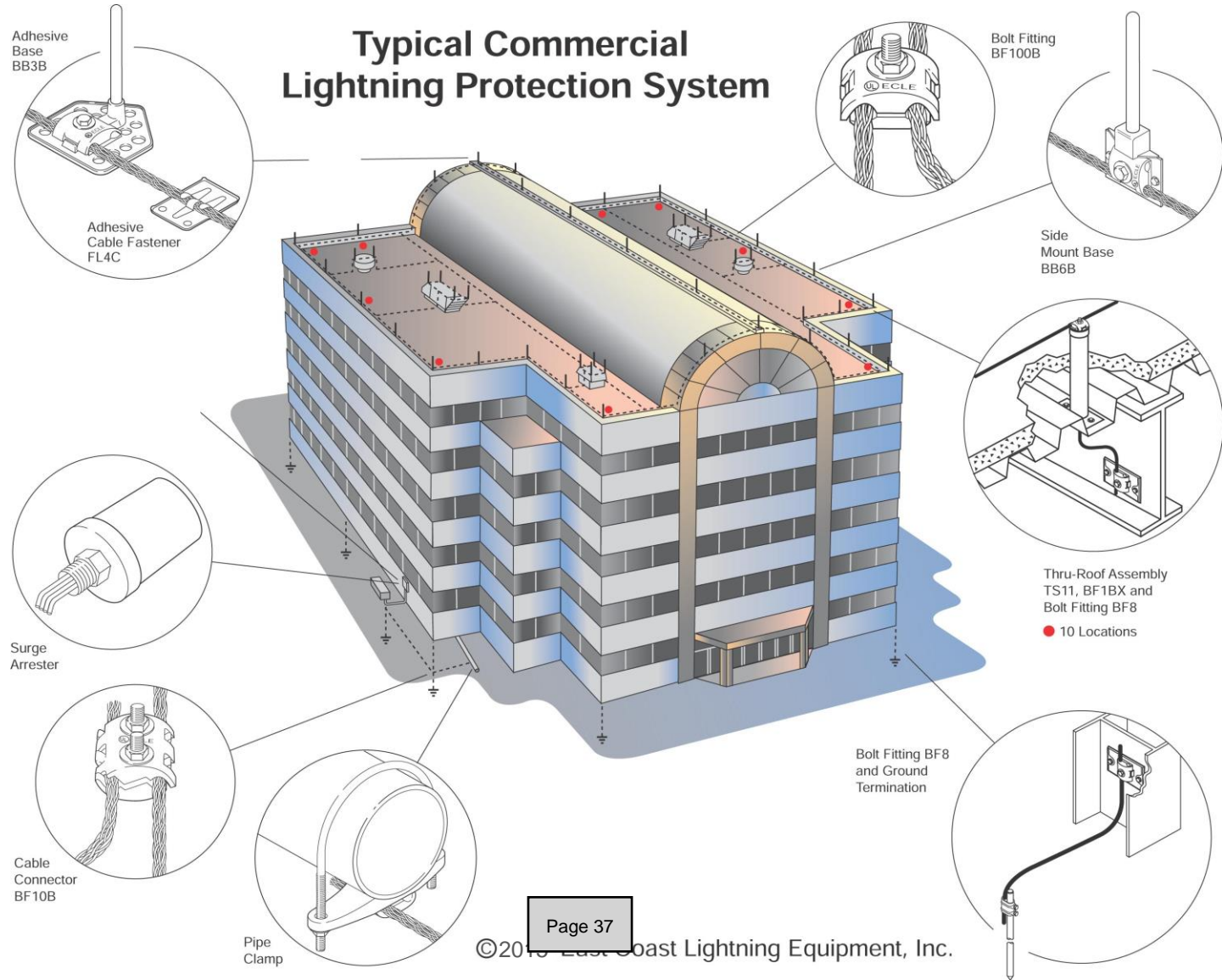


UL96A: *Installation Requirements for Lightning Protection Systems*

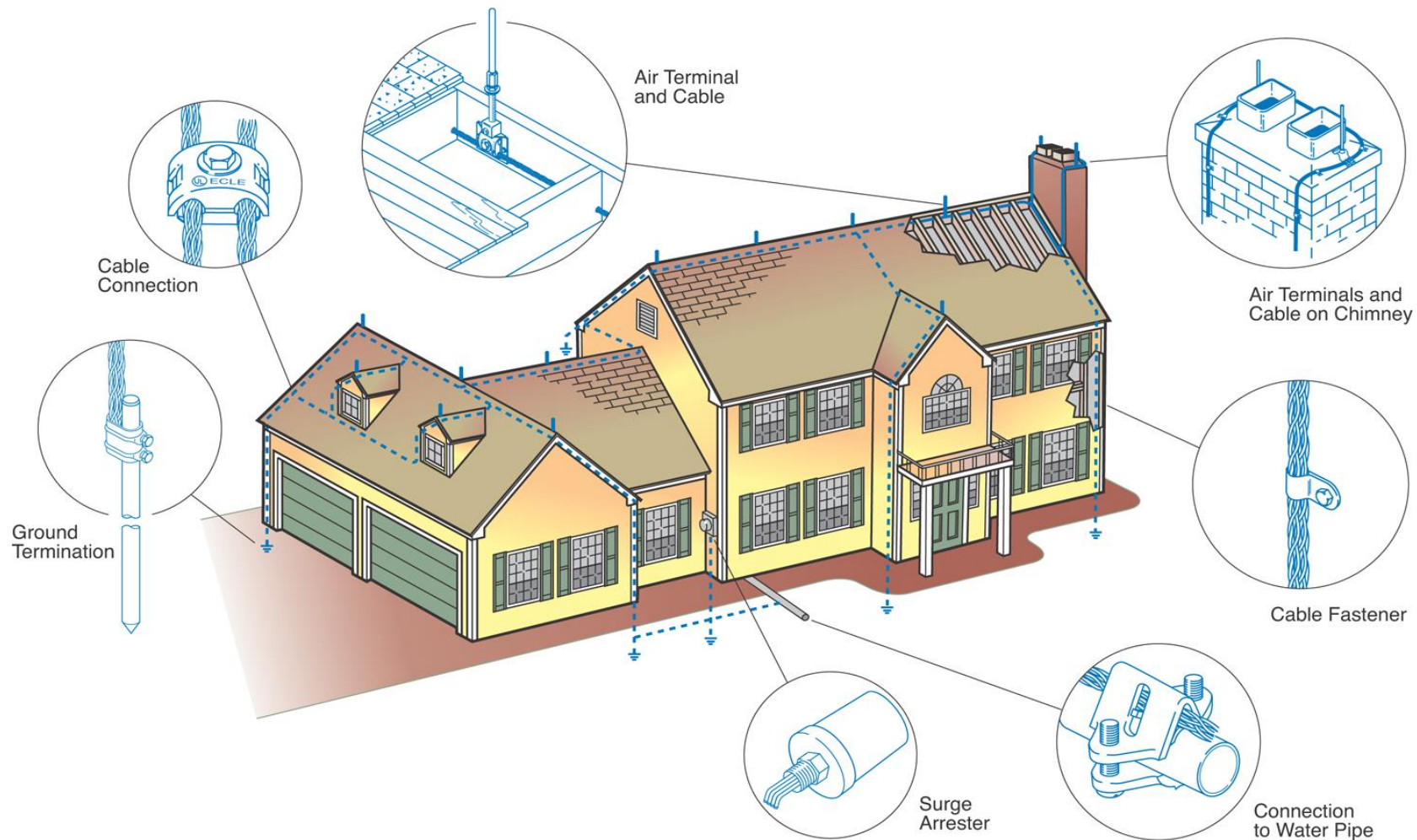


LPI – 175: *Lightning Protection Institute – Standard of Practice*

TYPICAL COMMERCIAL SYSTEM



TYPICAL RESIDENTIAL SYSTEM



AIR TERMINALS



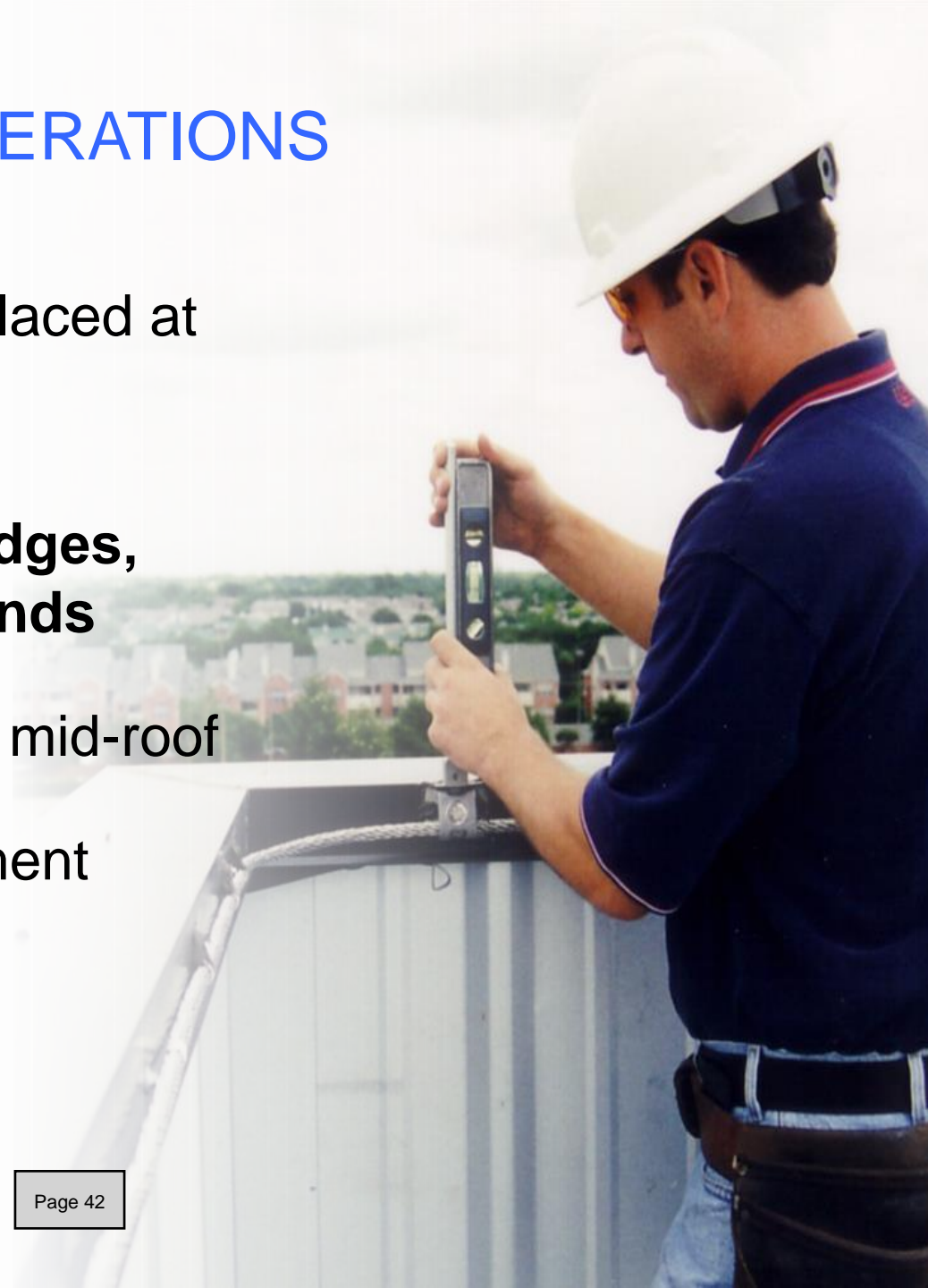
The Rolling Sphere





ROOF TOP CONSIDERATIONS

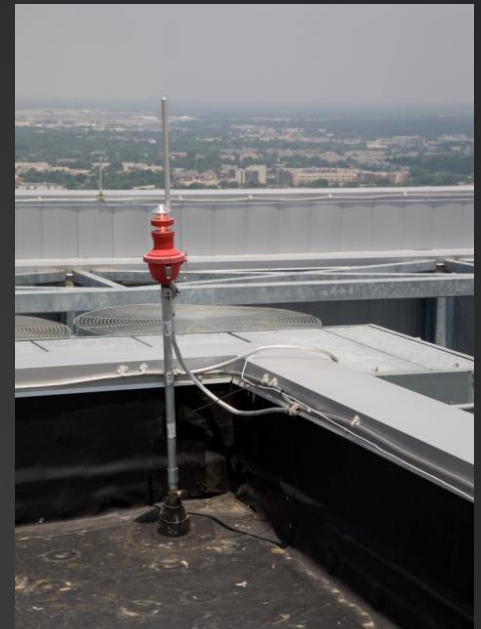
- Air terminals must be placed at regular intervals.
 - **Every 20' minimum**
 - **Within 24" of roof edges, corners and ridge ends**
- 50' intervals every 100' mid-roof
- Protect roof-top equipment
- More is more



INSTALLATION EXAMPLES



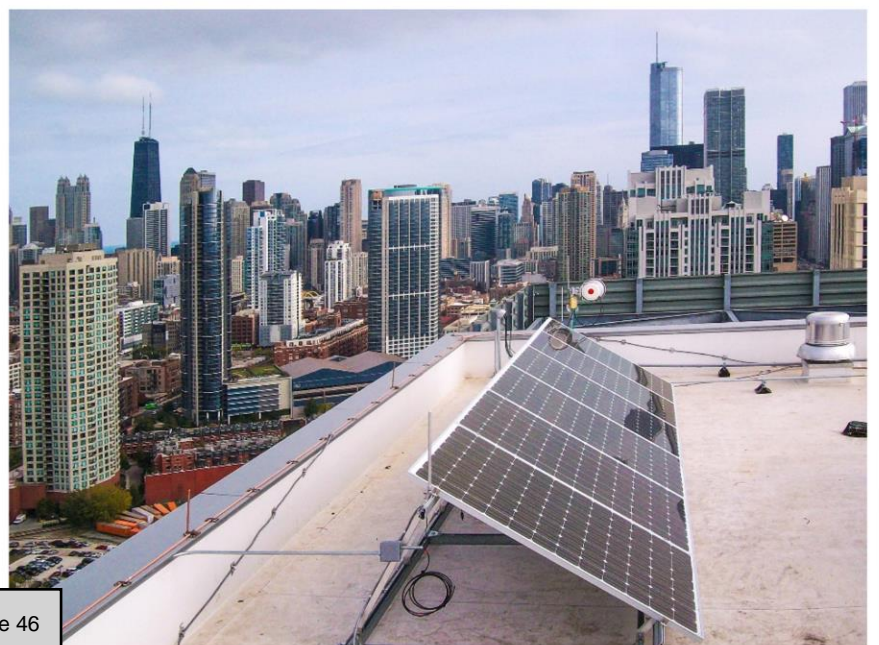
ROOF TOP EQUIPMENT



Utilizing Architecture



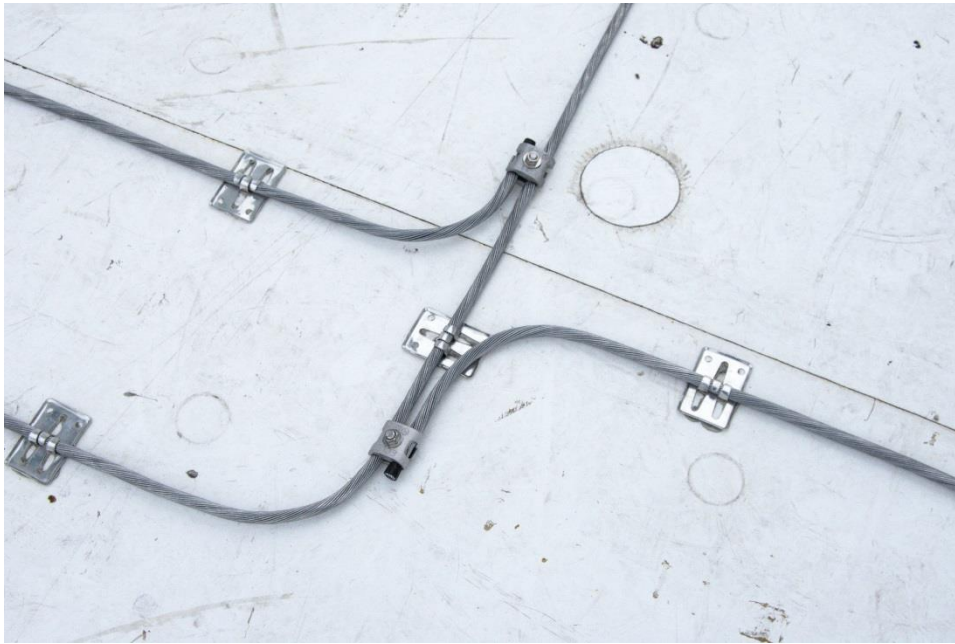
Green Roof and PV Applications



CONDUCTORS



CONDUCTOR COURSING CONSIDERATIONS



- Multiple paths to ground are mandatory
- Isolating the charge is not an option
- Using structural steel as the down lead

ROOF NETWORK CONNECTION TO STRUCTURAL STEEL



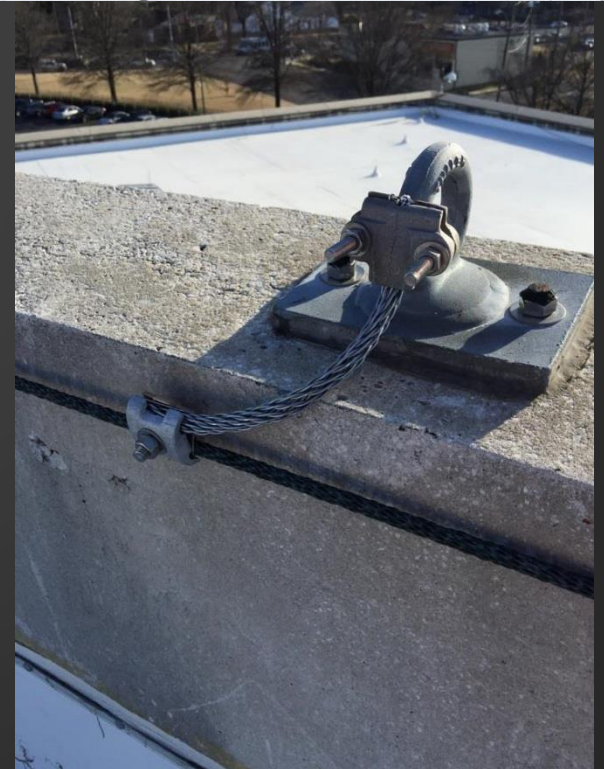
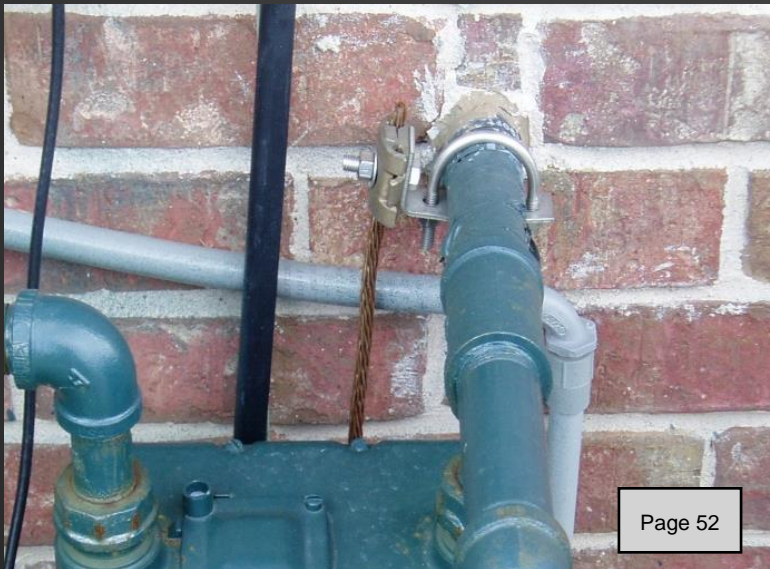
CONCEALED CONDUCTOR COURSING



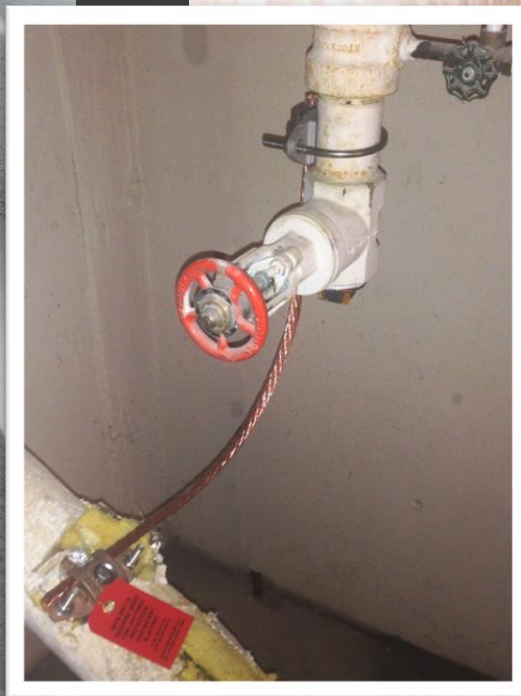
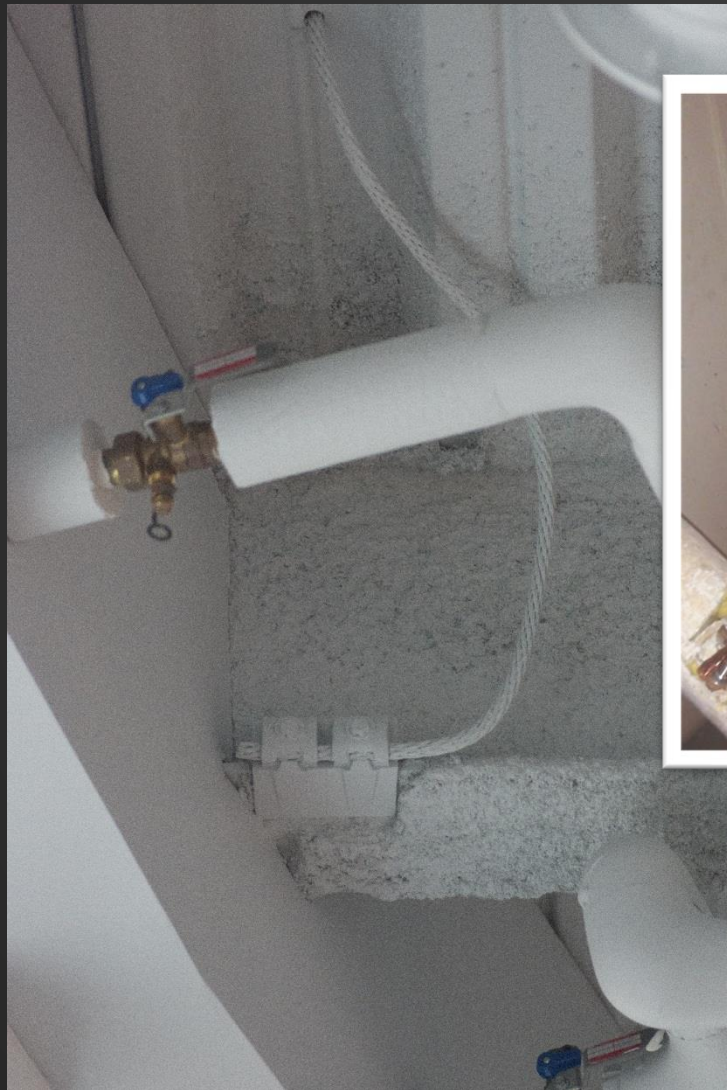
EXPOSED CONDUCTOR COURSING



EXTERIOR CONNECTIONS



INTERNAL CONNECTORS



GROUNDING TERMINATIONS

- Soil conditions are a major factor
- Buried ring versus individual rods
- Don't get hung up on Ohms of Resistance
- What does “Single Point” grounding mean?



INSTALLATION OF GROUND TERMINATIONS



SURGE PROTECTION DEVICE (SPD)



Electrical Service - UL 1449 Revision 3 Compliance

SURGE PROTECTION DEVICE (SPD)



UL 452, 497, 498C Compliance

ELECTRONIC PROTECTION



CSI Master Format Section 26 4123

RESEARCH

Air Terminals &
Down Conductors



University of Florida,
International Lightning Research Test Facility



Page 60

ROCKET TRIGGERED LIGHTNING EXPERIMENT, ICLRT, FLORIDA

REPORTS

- AMS 2003 Bulletin
- 2001 Federal Interagency Lightning Protection Users Group Report
- 1997 State Farm Homeowner Technology Report on Lightning & Surge Protection
- Dept. of Defense Explosives Safety Board Statistics
- FAA Doppler Radar Installation Statistics
- 2005 GAO Report



THE SPECIFICATIONS

- CSI Electrical Section 26 4113
- References to NFPA, UL, and LPI Standards
 - NFPA 780
 - UL96A
 - LPI 175
- Require Third Party Certification
 - LPI-IP Master Installation Certificate
 - UL Master Label Certificate





LIGHTNING PROTECTION INSTITUTE

INSPECTION PROGRAM

- LPI-IP Master Installation Certificate
- LPI-IP Reconditioned Master Installation Certificate
- LPI-IP Limited Scope Inspection Report



QUALITY ASSURANCE

- Installing Contractor should be UL listed and LPI certified with minimum five (5) years experience in lightning protection.
- Materials and methods should comply with safety standards of UL, NFPA and/or LPI.
- Ask about certification and industry affiliations.
- Check references.



LIGHTNING PROTECTION SYSTEMS



LIGHTNING PROTECTION SYSTEMS



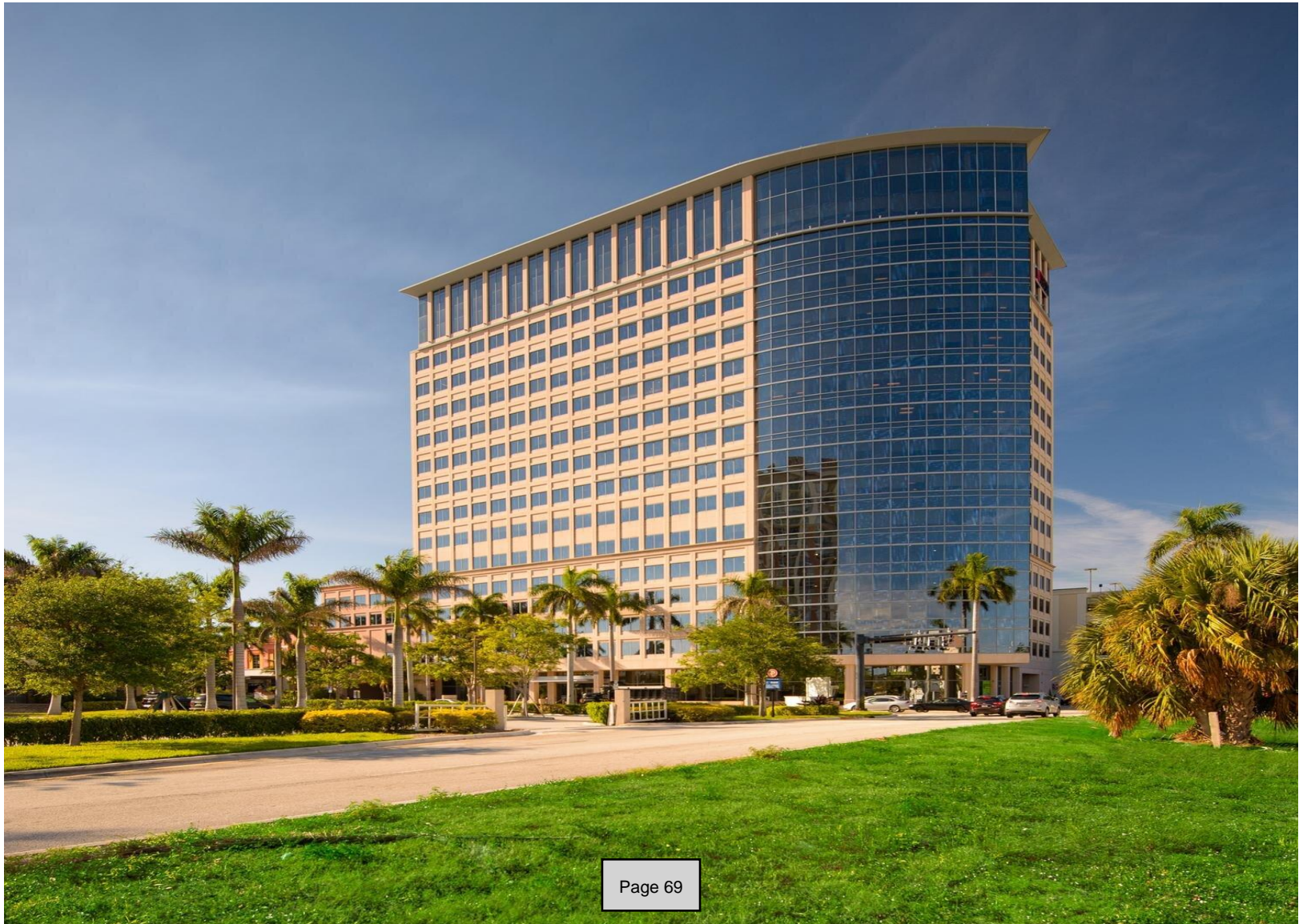
LIGHTNING PROTECTION SYSTEMS



Bristol Tower Condominiums



City Place Tower



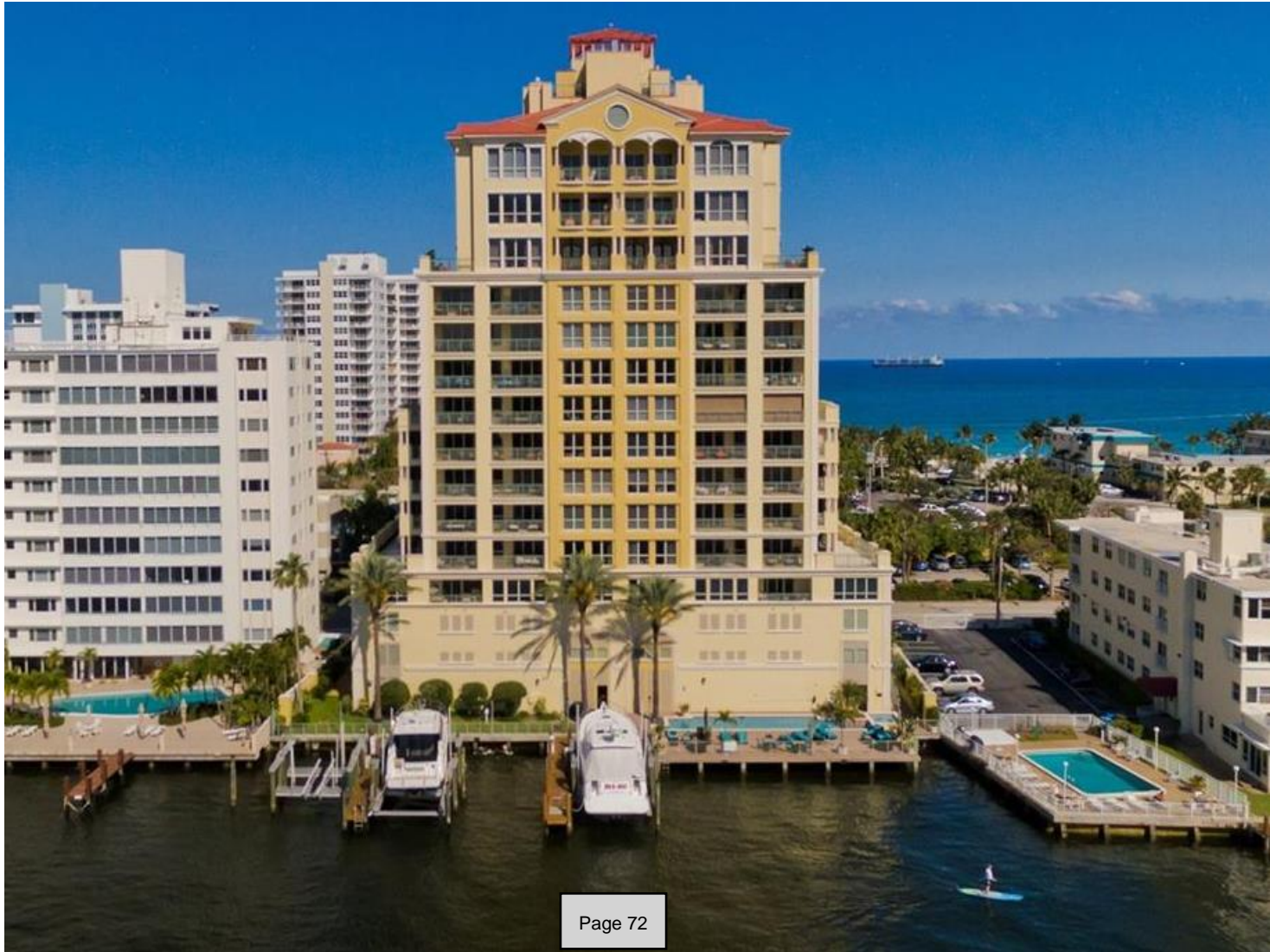
Coconut Grove Residences



Altamira Condominiums



Alhambra Place Condominiums



Carron House Condominiums



Regency Highland Condominiums



TRENDS OF THE INDUSTRY

- Lightning Protection Commonly Included in Green / LEED Certified Buildings
- Insurance non-renewals/discounts
- State of Florida Building Code requirements
- Agencies customizing lightning protection standards for specific needs
- Lightning protection litigation



presents

The End. Thank you for your time.

24 Lanson Drive, Winsted, CT 06098 - Telephone 860-379-5946

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www.lightningsafetyalliance.org

Contact Information

Cole Newman

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Office: (561) 746-4336

Cell: (662) 617-0444



Protecting People, Property & Assets

File Attachments for Item:

A. Introduction of proposed amendment to the Town Code of Ordinances to incorporate sea turtle protection lighting standards.



TOWN OF HIGHLAND BEACH

AGENDA MEMORANDUM

MEETING TYPE: Town Commission Meeting

MEETING DATE October 18, 2022

SUBMITTED BY: Ingrid Allen, Town Planner, Building Department

SUBJECT: Introduction of proposed amendment to the Town Code of Ordinances to incorporate sea turtle protection lighting standards.

SUMMARY:

Section 30-85 of the Town Code of Ordinances ("Town Code") requires that "[a]ll lighting of all structures east of SR A1A shall comply with the "sea turtle protection" lighting standards as adopted by the town." Such lighting standards are currently found in Section 4-8, and are limited to the following provision:

(c) *Lighting restrictions along beach.* No artificial light shall illuminate any area of the beach which may be used for turtle nesting and hatching during the period from March 1 to October 31 of each year, from dusk to dawn.

Section 4-8 does not address the different types of artificial lighting sources (e.g. residential dwellings, parking areas, walking paths, fountains, pool areas, etc.) that may be visible from the beach including from structures west of State Road A1A nor does it provide specific types of lighting fixtures and sources that protect sea turtle populations.

The Coastal Management/Conservation Element of the Town's Comprehensive Plan provides the following policies specific to the protection of sea turtles:

Objective 1.4 The Town will actively support protection and conservation of coastal natural resources including manatees, sea turtles, seagrass beds, and mangrove stands. The Town will have met this objective through the provision of education materials regarding the protection of the coastal natural resources within the community.

Policy 1.4.1 The Town will coordinate with the appropriate agencies in order to ensure the protection of its coastal natural resources, including manatees, sea turtles, seagrass beds, and mangrove stands.

Policy 1.4.2 The Town shall maintain and enforce provisions to protect its coastal natural resources, including manatees, sea turtles, seagrass beds, and mangrove stands, in its Code of Ordinances.

Policy 3.3.3 The Town will include within its land development regulations provisions to require limitations on outside lighting so as to not attract sea turtle hatchlings away from the water during hatching season.

In addition, the Town’s 2022 Strategic Priorities Plan includes a Sea Turtle Lighting Standards initiative as part of the “Ranked Projects & Initiatives List.” Therefore, in compliance with the Town Code, the Town Comprehensive Plan, and the Town’s 2022 Strategic Priorities Plan, staff is proposing an amendment to the Town Code to incorporate more comprehensive sea turtle protection lighting standards. The proposed Ordinance is based on the State of Florida Model Lighting Ordinance for Sea Turtle Protection (dated December 17, 2020) and includes the following provisions:

- Purpose and intent
- Definitions
- Applicability
- Lighting restrictions along beach
- Standards for exterior and interior lighting affixed to new structures, new construction and improvements to existing structures.
- Outdoor areas
- Parking areas and roadways
- Pool areas
- Beach access points and dune walkovers
- Existing exterior and interior lighting
- Special events, motor vehicles and temporary lighting
- Enforcement, penalty

According to the Florida Fish and Wildlife Conservation Commission (FWC), within the last five (5) years, the Town has had more documented sea turtle nests than the Cities of Boca Raton and Delray Beach (see Attached Table 1). The following table provides the annual sea turtle nests totals for the Town from 2017-2022:

Year	County	Beach	Loggerhead Nest	Green Turtle Nest	Leatherback Nest	% of County nests (all species combined)
2017	Palm Beach	Highland Beach	1,182	644	3	4.61
2018	Palm Beach	Highland Beach	902	46	7	3.61
2019	Palm Beach	Highland Beach	904	447	6	3.25
2020	Palm Beach	Highland Beach	1,002	281	11	3.58
2021	Palm Beach	Highland Beach	814	284	6	3.33
Survey Boundary Description 649m South of Del Harbor Drive (26.43212, -80.06168) to 8 km North of Palm Beach/Broward County Line (26.39106, -80.06613)					Length (km) 4.8	

Data Source: FWC/FWRI Statewide Nesting Beach Survey Program Database as of March 22, 2022

According to the FWC, both the Leatherback and Green sea turtles are endangered while the Loggerhead is threatened. Threats to each of these three (3) sea turtle species includes coastal development which "...increases artificial lighting which can be detrimental to hatchlings causing them to migrate towards the light instead of the ocean."¹

As part of the Commission's introductory review of this item, it is worthwhile to note that pursuant to Section 2-140(c) of the Town Code, the Natural Resources Preservation Advisory Board ("Board") has the power and duty to "[r]eview existing and proposed town ordinances which affect the environment, and advise the town commission regarding the need for modifications or changes to such ordinances." Therefore, staff recommends that if the Commission should desire to move forward with the proposed Ordinance, that it be reviewed by the Board.

FISCAL IMPACT:

N/A

ATTACHMENTS:

Proposed Ordinance

Table 1 – Sea Turtle Data provided by FWC

Ordinance Process Flowchart

RECOMMENDATION:

At the discretion of the Town Commission.

¹ <https://myfwc.com/wildlifehabitats/profiles/>

**TOWN OF HIGHLAND BEACH
ORDINANCE NO**

AN ORDINANCE OF THE TOWN OF HIGHLAND BEACH, FLORIDA, AMENDING SECTION 4-8 "LIGHTING RESTRICTIONS FOR PROTECTION OF SEA TURTLES" AND SECTION 30-85 "COASTAL LIGHTING" OF THE TOWN CODE OF ORDINANCES TO INCORPORATE LIGHTING REGULATIONS FOR NEW AND EXISTING COASTAL STRUCTURES IN ORDER TO MINIMIZE THE AFFECT OF ARTIFICIAL LIGHT ON SEA TURTLE POPULATIONS; PROVIDING FOR THE REPEAL OF ALL ORDINANCES IN CONFLICT; PROVIDING FOR SEVERABILITY AND CODIFICATION; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the Town of Highland Beach, Florida, is a duly constituted municipality having such power and authority conferred upon it by the Florida Constitution and Chapter 166, Florida Statutes; and

WHEREAS, the Town of Highland Beach recognizes that light pollution of beaches is a serious threat to sea turtles inhabiting its beaches; and

WHEREAS, the Town of Highland Beach recognizes that nesting adult and hatchling sea turtles are negatively affected by light pollution created by artificial light visible from any portion of the beach; and

WHEREAS, the Town of Highland Beach recognizes that sea turtles are protected by federal and state law; and

WHEREAS, the Town of Highland Beach recognizes that the quality of life of its residents are enriched by a healthy sea turtle population; and

WHEREAS, the Town of Highland Beach desires to minimize the detrimental effect on nesting sea turtle populations by implementing regulations that reduces the amount of artificial light, intentionally or unintentionally visible from beaches, emanating from new or existing residences;

WHEREAS, the Town Commission has determined that the amendment to the Code of Ordinances is in the best interest of the Town of Highland Beach.

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COMMISSION OF THE TOWN OF HIGHLAND BEACH, FLORIDA, AS FOLLOWS:

Section 1. The foregoing facts and recitations contained in the preamble to this Ordinance are hereby adopted and incorporated by reference as if fully set forth herein.

Section 2. The Town of Highland Beach Code of Ordinances is hereby amended by amending Chapter 4 “Animals” to read as follows (deleting is ~~stricken through~~ and adding is underlined):

Sec. 4-8. – Lighting restrictions for protection of sea turtles.

(a) *Purpose and intent.* The purpose of this section is to protect the threatened and endangered sea turtles which nest along the beaches of the town from light sources that disrupt their nesting and hatching. The intent is for the appropriate design and implementation of coastal lighting to ensure that light pollution does not interfere with sea turtle nesting and hatching events while at the same time protecting public safety.

(b) *Definitions.*

Artificial light the light emanating from any human-made device.

The “~~B~~each” the zone of unconsolidated material that extends landward from the mean low water line to the place where there is a marked change in material or physiographic form, or to the line of permanent vegetation.

Certified wildlife lighting lighting fixtures and bulbs reviewed and approved with conditions of use through the Florida Fish and Wildlife Conservation Commission’s Wildlife Lighting Certification Process.

Cumulatively visible light from numerous artificial light sources that as a group can be seen by an observer standing anywhere on the beach.

Directly visible when glowing element(s), lamp(s), globe(s), or reflector(s) of an artificial light source can be seen by an observer standing anywhere on the beach.

Frontal dune the first natural or man-made mound or bluff of sand which is located landward of the beach and which has sufficient vegetation, height, continuity, and configuration to offer protective value.

Full cutoff a lighting fixture constructed in such a manner that no light emitted by the fixture, either directly from the lamp or a diffusing element or indirectly by reflection or refraction from any part of the luminaire, is projected at or above 90 degree as determined by photometric test or certified by the fixture manufacturer.

Fully shielded a lighting fixture constructed in such a manner that the glowing elements, lamps, globes, or reflectors of the fixture are completely covered by an opaque material to prevent them from being directly visible from the beach. Any structural part of the light fixture providing this shielding must be permanently affixed.

Indirectly visible light reflected from glowing element(s), lamp(s), globe(s), or reflector(s) of an artificial light source that can be seen by an observer standing anywhere on the beach without the light source being directly visible.

Long wavelength a lamp or light source emitting light wavelengths of 560 nanometers or greater and absent wavelengths below 560 nanometers.

New construction all new construction of or additions and alterations to buildings, pools, pavement, other structures, landscape areas or lighting systems. The most protective lighting standards apply to new construction visible from the beach.

Non-egress Lighting exterior lighting that is not being used to light a distinct route or meet minimum requirements for emergency access to or from a building, including but not limited to decorative lights (e.g. strobe lights, string lights, etc.), balcony lights, landscape lights, and uplights.

Outdoor Area: any portion of a property that could have an artificial light source not attached to a permanent structure, including but not limited to pathway lighting, landscape lighting, pool lighting.

Sea Turtle any turtle, including all life stages from egg to adult, of these species: Green (*Chelonia mydas*), Leatherback (*Dermochelys coriacea*), Loggerhead (*Caretta caretta*), Hawksbill (*Eretmochelys imbricata*), and Kemp's ridley (*Lepidochelys kempii*). For the purposes of this ordinance, the term sea turtle is synonymous with marine turtle.

Sea Turtle Nesting Habitat all sandy beach and unvegetated or sparsely vegetated dunes immediately adjacent to the sandy beach and accessible to nesting female turtles.

Temporary lighting any non-permanent light source that may be hand-held or portable including but not limited to tiki torches, lanterns, flashlights (including cell phone flashlights), candles, flash photography, etc.

Tinted glass any glass treated to achieve an industry-approved, inside-to-outside light transmittance value of 45 percent or less. Such transmittance is limited to the visible spectrum

(400 to 700 nanometers) and is measured as the percentage of light that is transmitted through the glass.

(c) *Applicability.* This section shall apply to all properties within the Town that may produce artificial light directly, indirectly, or cumulatively visible from any portion of the beach, regardless of whether those properties are beachfront properties. The provisions of this section are not intended to prevent the use of any design, materials or method of installation or operation not specifically prescribed herein, provided any such alternate has been approved. The Building Official may approve any such proposed alternate provided it:

(1) Provides at least approximate equivalence to the applicable specific requirements of this section, and;

(2) Is otherwise satisfactory or complies with the intent of this section, and;

(3) Has been designed or approved by a registered lighting or electrical engineer and is supported by calculations showing that the design submitted meets that intent of the section.

(4) Has been determined to meet requirements for Certified Wildlife Lighting and/or lights that meet FWC's Wildlife Lighting Guidelines, including long wavelength light sources (without the use of filters), full cut-off, and fully shielded fixtures.

(d) *Lighting restrictions along beach.* No artificial light shall illuminate any area of the beach which may be used for turtle nesting and hatching during the period from March 1 to October 31 of each year, from dusk to dawn.

(e) *Standards for exterior and interior lighting affixed to new structures, new construction and improvements to existing structures.*

(1) All lighting affixed to the exterior of new permanent structures, construction or additions shall be long wavelength, downward directed, full cutoff, fully shielded and mounted as close to the ground or finished floor surface as possible.

(2) As an exception to (e)(1) above, non-egress lighting may be affixed to the landward exterior of permanent structures provided that the fixtures are fitted with a long wavelength source and are not directly, indirectly, or cumulatively visible from any portion of the beach.

- (3) Lighting at egress points shall be limited to the minimum number of fixtures and foot-candles necessary to meet federal, state, and local safety requirements.
- (4) Locations including but not limited to stairwells, elevators, parking garages, or courtyards shall not produce light that is directly, indirectly, or cumulatively visible from any portion of the beach. Light screens, shades or curtains shall be used to block visibility of interior lights from the beach. Light screens shall be used on open or enclosed staircases on the seaward or shore-perpendicular side of a building or for parking garages to limit visibility of lights from the nesting beach.
- (5) All glass windows, walls, railings and doors on the seaward and shore-perpendicular sides of any new construction shall use tinted glass with an inside to outside light transmittance value of 45 percent or less.
- (6) Emergency lights are not subject to the above standards if on a separate circuit and activated only during power outages or other situations in which emergency lighting is necessary for public safety.

(f) Outdoor areas.

- (1) All lighting of outdoor areas shall be long wavelength, downward directed, full cutoff, fully shielded and mounted as close to the ground or finished floor surface as possible.
- (2) Lighting of paths, walks and routes of building access shall use low level fixtures such as step, paver, path, recessed wall or bollard lights. Bollard lights are not to exceed 42 inches in height and other low level fixtures are to meet the height requirements of FWC's Wildlife Lighting Guidelines. Fixtures shall be downward directed and utilize long wavelength lamps and beachside shields.
- (3) As an exception to (f)(1) above, non-egress outdoor lighting may be installed landward of buildings or other opaque structures provided that they are fitted with long wavelength light sources and are not directly, indirectly, or cumulatively visible from any portion of the beach.
- (4) Internally or externally lighted signs shall not be located on the seaward and shore-perpendicular sides of any structures, and shall not produce light that is directly, indirectly, or cumulatively visible from any portion of the beach.
- (5) Ponds and fountains on the seaward and shore-perpendicular sides of any structures shall not produce light that is directly, indirectly, or cumulatively visible from any portion of

the beach.

(6) Fire pits located on the seaward and shore-perpendicular sides of any structure shall be shielded with an opaque structure or partition, and positioned such that the flame is not directly, indirectly, or cumulatively visible from any portion of the beach. Bonfires and bonfire pits are prohibited within seaturtle nesting habitat during sea turtle nesting season.

(7) Televisions or other illuminated screens shall be located landward of the dune and shall be shielded or positioned such that they are not directly, indirectly, or cumulatively visible from the beach.

(g) *Parking areas and roadways*

(1) All lighting of parking areas and roadways shall be long wavelength, downward directed, full cutoff, fully shielded, and mounted to the minimum level required to maintain compliance with federal, state and local law.

(2) Parking area and roadway lighting shall be shielded from the beach via vegetation, natural features, or artificial structures rising from the ground. These shall prevent artificial light sources, including but not limited to vehicular headlights, from producing light that is directly, indirectly, or cumulatively visible from any portion of the beach.

(3) Lighting of roadways and parking areas shall produce no more lighting than the minimum requirement as outlined by federal, state and local law.

(4) Lighting of parking areas and roadways shall consist of either:

a. Ground-level downward-directed fixtures, equipped with interior dark-colored, non-reflective baffles or louvers, mounted either with a wall mount, on walls or piles, facing away from the beach, or

b. Bollard-type fixtures, which do not extend more than 42 inches above the adjacent floor or deck, measured from the bottom of fixture, equipped with downward-directed louvers that completely hide the light source, and externally shielded on the side facing the beach, or

c. Pole-mounted lights shall only be used in parking areas and roadways when mounting the lights at lower elevations cannot practicably comply with minimum light levels set forth in applicable federal and state laws designed to protect public safety. If required, pole-mounted lights shall be:

1. Located on the landward sides of buildings and shall not produce light that is directly, indirectly, or cumulatively visible from any portion of the beach,
 2. Mounted at the minimum height required to meet the minimum light level requirement, and
 3. Downward-directed onto non-reflective surfaces.
- (5) Equipment/storage areas, and temporary security lights shall also adhere to the lighting restrictions contained in this section.

(h) Pool Areas.

- (1) Lighting of pool decks, pool facilities, swimming pools, and spas shall be long wavelength and fully shielded.
- (2) Lighting of the pool water surfaces and the pool wet deck surfaces shall comply with the minimum light levels set forth in applicable federal and state laws designed to protect public safety.
- (3) Above-water lighting of pool decks, pool facilities, swimming pools, and spas shall otherwise adhere to the applicable requirements for acceptable light fixtures contained in (h) 1 and 2 above.
- (4) Underwater lighting of pools or spa light shall:
 - a. Be mounted horizontally in the wall, and
 - b. Not produce light that is directly, indirectly, or cumulatively visible from any portion of the beach, and
 - c. Shall comply with minimum light levels set forth in applicable federal and state laws designed to protect public safety.

(i) Beach Access Points and Dune Walkovers.

- (1) Lighting of beach access points shall be located and configured to only illuminate areas landward of the beach and frontal dune. All lighting of beach access points shall be long wavelength, downward directed, full cutoff and fully shielded and shall not be directly, indirectly, or cumulatively visible from the beach.
- (2) Lights are allowable on dune walkovers or elevated boardwalks only as required for building code purposes and may only be installed landward of the frontal dune. Walkover lighting shall not be directly, indirectly or cumulatively visible from the beach.

(j) Existing Exterior and Interior Lighting.

(1) Reduce or eliminate the negative effects of existing exterior artificial lighting through the following measures:

- a. Reposition, modify or remove existing lighting fixtures so that the point source of light or any reflective surface of the light fixture is no longer directly, indirectly or cumulatively visible from the beach;
- b. Replace fixtures having an exposed light source with fully shielded fixtures;
- c. Replace any light source, light bulb or lamp that is not long wavelength (e.g. incandescent, fluorescent, or high intensity lighting) with the lowest wattage long wavelength (e.g. LED or low pressure sodium) light source or lamp available for the specific application;
- d. Replace non-directional fixtures with directional fixtures that point down and away from the beach;
- e. Provide shields for fixtures visible from the beach and not practical to immediately be replaced. Beachside shields are to cover 270 degrees and extend below the bottom edge of the fixture on the seaward side so that the light source or any reflective surface of the light fixture is not visible from the beach;
- f. Replace pole lamps with low-profile, low-level luminaries so that the light source or any reflective surface of the light fixture is not visible from the beach;
- g. Plant or improve vegetation buffers between the light source and the beach to screen light from the beach;
- h. Construct a ground level barrier landward of the beach and frontal dune to shield light sources from the beach. Ground-level barriers are to be considered a last resort when no other remediation of the light source is feasible. Ground level barriers may be subject to state coastal construction control line regulations under section 161.053, Florida Statutes, and must not interfere with sea turtle nesting or hatchling emergence, or cause short- or long- term damage to the beach and dune system;
- i. Permanently remove or permanently disable any fixture which cannot be brought into compliance with the provisions of these standards.

(2) Take one or more of the following measures to minimize interior light emanating from doors and windows within line-of-sight of the beach:

- a. Apply window tint or film that meets the light transmittance standards for tinted glass;

b. Rearrange lamps and other moveable fixtures away from windows;

c. Use opaque shades or room darkening window treatments (e.g., blinds, curtains, screens) to shield interior lights from the beach.

(k) *Special Events, Motor Vehicles, and Temporary Lighting.*

(1) Lighting associated with a special event that may directly, indirectly, or cumulatively be visible from any portion of the beach shall not be authorized at nighttime during sea turtle nesting season.

(2) The operation of all motorized vehicles as provided in section 5-4, shall be prohibited on the beach at nighttime during sea turtle nesting season.

(3) Within sea turtle nesting season, temporary work zone lighting for roadway construction and during declared emergencies shall be directed away from the beach to avoid illumination of or direct visibility from the beach. Work zone luminaires shall be shielded to avoid lighting areas outside of the immediate construction area.

(4) All other temporary construction lighting shall be:

a. Inclusive of all the standards of this section, including using fixtures that are long wavelength, downward directed, full cutoff, and fully shielded so light is not directly or indirectly visible from the beach, and

b. Mounted less than eight feet above the adjacent floor or deck, measured from the bottom of fixture, and

(5) Handheld and other portable temporary lighting shall not be directed toward or used in a manner that disturbs sea turtles.

(14) *Enforcement, penalty.* Anyone violating any provisions of this section shall be punished in accordance with all provisions of this Code including but not limited to reference of the violation to the code enforcement board.

Section 3. The Town of Highland Beach Code of Ordinances, is hereby amended by amending Chapter 30 “Zoning,” Article V “Natural Resources,” Section 30-85 “Coastal lighting” to read as follows (deleting is ~~stricken through~~ and adding is underlined):

Sec. 30-85. – Coastal Lighting

All lighting of all properties within the Town that may produce artificial light directly, indirectly, or cumulatively visible from any portion of the beach, regardless of whether those properties are

~~beachfront properties structures east of SR A1A~~ shall comply with the "sea turtle protection" lighting standards as provided in section 4-8 adopted by the town.

Section 4. Severability. The provisions of this Ordinance are declared to be severable and if any section, sentence, clause or phrase of this Ordinance shall for any reason be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses, and phrases of this Ordinance but they shall remain in effect, it being the legislative intent that this Ordinance shall stand notwithstanding the invalidity of any part.

Section 5. Repeal of Laws in Conflict. All ordinances or parts of ordinances in conflict herewith are hereby repealed to the extent of such conflict.

Section 6. Codification. Section 2 of the Ordinance may be made a part of the Town Code of Ordinances and may be re-numbered or re-lettered to accomplish such, and the word "ordinance" may be changed to "section," "division," or any other appropriate word.

Section 7. Effective Date. This Ordinance shall be effective immediately upon adoption at second reading.

The foregoing Ordinance was moved by _____, seconded by _____ and upon being put to the vote, the vote was as follows:

	AYE	NAY
Mayor Douglas Hillman	_____	_____
Vice Mayor Natasha Moore	_____	_____
Commissioner Peggy Gossett-Seidman	_____	_____
Commissioner Evalyn David	_____	_____
Commissioner John Shoemaker	_____	_____

PASSED on first reading at the Regular Commission meeting held on this _____ day of _____, 2022.

The foregoing Ordinance was moved by _____, seconded by _____ and upon being put to the vote, the vote was as follows:

	AYE	NAY
Mayor Douglas Hillman	_____	_____
Vice Mayor Natasha Moore	_____	_____
Commissioner Peggy Gossett-Seidman	_____	_____
Commissioner Evalyn David	_____	_____
Commissioner John Shoemaker	_____	_____

PASSED AND ADOPTED on second and final reading at the Regular Commission meeting held on this _____ day of _____, 2022.

ATTEST:

By: _____

Lanelda Gaskins, MMC

Town Clerk

APPROVED AS TO FORM AND LEGALITY:

By: _____

Glen J. Torcivia, Town Attorney

Data Source: FWC/FWRI Statewide Nesting Beach Survey Program Database as of 22 March 2022

Year	County	Beach	Survey Length (km)	Loggerhead Nest	Loggerhead False Crawl	Green Turtle Nest	Green Turtle False Crawl	Leatherback Nest	Leatherback False Crawl	Annual Number of Nests (all species combined)	% of County Nests (all species combined)	Nest Density (#Nests/Km) (all species combined)
2017	Palm Beach	Highland Beach	4.8	1,182	1,470	644	422	3	0	1,829	4.61	381
2018	Palm Beach	Highland Beach	4.8	902	840	46	26	7	0	955	3.61	199
2019	Palm Beach	Highland Beach	4.8	904	797	447	202	6	0	1,357	3.25	283
2020	Palm Beach	Highland Beach	4.8	1,002	844	281	115	11	0	1,294	3.58	270
2021	Palm Beach	Highland Beach	4.8	814	844	284	193	6	2	1,104	3.33	230
2017	Palm Beach	Boca Raton	8.0	767	1,513	299	458	5	1	1,071	2.70	134
2018	Palm Beach	Boca Raton	8.0	686	1,158	19	23	18	0	723	2.73	90
2019	Palm Beach	Boca Raton	8.0	913	1,181	393	535	18	2	1,324	3.17	166
2020	Palm Beach	Boca Raton	8.0	756	1,217	132	193	13	3	901	2.49	113
2021	Palm Beach	Boca Raton	8.0	660	991	192	317	21	0	873	2.63	109
2017	Palm Beach	Delray Beach	4.5	252	900	46	120	6	2	304	0.77	68
2018	Palm Beach	Delray Beach	4.5	271	677	2	11	5	1	278	1.05	62
2019	Palm Beach	Delray Beach	4.5	290	655	58	85	15	1	363	0.87	81
2020	Palm Beach	Delray Beach	4.5	285	536	42	78	21	1	348	0.96	77
2021	Palm Beach	Delray Beach	4.5	356	589	28	43	15	3	399	1.20	89
2017	Palm Beach	Juno Beach	9.7	5,149	8,896	4,343	7,282	64	8	9,556	24.06	985
2018	Palm Beach	Juno Beach	9.7	5,552	7,512	353	404	111	24	6,016	22.74	620
2019	Palm Beach	Juno Beach	9.7	6,452	10,738	4,258	6,541	123	12	10,833	25.92	1117
2020	Palm Beach	Juno Beach	9.7	7,129	10,892	2,249	2,500	216	32	9,594	26.54	989
2021	Palm Beach	Juno Beach	9.7	5,458	9,343	2,373	3,531	157	45	7,988	24.10	824

Cc = Loggerhead; Cm = Green Turtle; Dc = Leatherback

Year	County	County Totals (Cc)	County Totals (Cm)	County Totals (Dc)	Annual Number of Nests in Palm Beach County (all species combined)
2017	Palm Beach	26,245	13,263	207	39,715
2018	Palm Beach	24,876	1,277	305	26,458
2019	Palm Beach	28,790	12,612	397	41,799
2020	Palm Beach	29,465	6,125	565	36,155
2021	Palm Beach	25,880	6,788	484	33,152

ORDINANCE INITIATION

The initiation of a new ordinance may originate from several different sources:

- Commissioner/Staff initiative
- Citizen concerns expressed through public comments
- Response to state and federal actions
- Advisory Board Initiative

INTRODUCTION TOWN COMMISSION

A proposal for a new ordinance is presented to the commission for consideration. If approved in concept, the commission directs Town Manager and Town Attorney to research the subject matter and create a draft ordinance. Draft ordinance forwarded to the appropriate Advisory Board for recommendation.

Staff/Legal Team
Research & Draft
Ordinance

ADVISORY BOARD(S)

The appropriate advisory board review and proposes any edits draft ordinance. This process may involve multiple meetings for review and to solicit public comments. Once a draft is settled upon, the advisory board provides a recommendation with the final draft to the commission for consideration for a First reading.

TOWN COMMISSION -- 1st READING

Commission discusses the public merits of the ordinance along with the recommendations of the assigned advisory board(s). Public input provided. Commission may move forward to 2nd Reading/Public Hearing or may send back to advisory board and/or staff for modifications or additional research.

TOWN COMMISSION -- 2nd READING/PUBLIC HEARING

After public hearing and final discussion, the commission votes to approve and enact ordinance. The Commission may request additional modifications.

TOWN STAFF -- ADOPTION & IMPLEMENTATION

File Attachments for Item:

B. Introduction of Zoning District density review.



TOWN OF HIGHLAND BEACH MEMORANDUM

MEETING TYPE: Town Commission Meeting

MEETING DATE: October 18, 2022

SUBMITTED BY: Ingrid Allen, Town Planner, Building Department

SUBJECT: Introduction of “zoning district density review”

SUMMARY:

At the October 4, 2022 Town Commission Meeting, under Commission Comments, the issue of zoning district density was discussed. Recognizing the complexity of the topic, the Commission desires to first establish a framework to approach the issue. Initial suggestions for such framework included the following:

- Planning Board initiates review of issue.
- Planning Board forms a committee with residents.

Given the Commission will formally initiate their discussion on such framework at the October 18, 2022 Commission meeting, staff has completed an introductory review of the issue which is provided below.

The Town’s 2022 Strategic Priorities Plan includes a “zoning district density review” as part of its planned priorities. This initiative was a result of a public comment, made at the March 1, 2022 Town Commission meeting, by Matthew Scott of Dunay, Miskel & Backman, LLP regarding the redevelopment of an existing three (3) unit townhouse property located at 1023 Russell Drive. As provided in the table below, the current zoning district and future land use designation for the property allows for (1) dwelling unit to be developed rather than three (3) dwelling units. Note that the RML zoning district permits single-family detached and attached dwellings subject to site plan approval as well as single-family zero lot line dwellings subject to special exception approval.

Property	Zoning District/ maximum density	Future Land Use/ maximum density	Density calculation (lot size/43,560 X density)
1023 Russell Drive	Residential Multiple Family Low Density (RML)/6 units per acre	Multi Family Low Density/6 units per acre	1.37 units (based on 10,000 sq. ft. lot)

This scenario, whereby redevelopment of a nonconforming structure would reduce the number of units currently existing on a parcel of land, is not unique to this property. While staff has not conducted a Town-wide density assessment of each property, this scenario is replicated in other townhouses and other multifamily dwellings (at various densities) Townwide.

Pursuant to Section 30-105(a) of the Town Code, *if a lawful structure exists that could not be built in the zoning district within which it is located by reason of changes or restrictions to minimum lot area, maximum lot coverage, building height, required yards and setbacks, location on the lot or other requirements concerning the structure, such structure may be continued so long as it remains otherwise lawful, subject to the provisions listed below:*

(1) *Enlargement or alternation. The nonconforming structure shall not be enlarged or altered in a way which increases or extends its nonconformity, but any structure or portions thereof may be altered to decrease its nonconformity.*

(2) *Damage or destruction. Should such nonconforming structure or nonconforming portion of a structure be destroyed or damaged by any means to an extent of more than fifty (50) percent of the assessed value of the structure at the time of destruction, or damage, it shall not be reconstructed except in conformity with the provisions of this article.*

Section 30-105(c) of the Town Code provides an exception to number (2) above as follows:

*If a residential structure, or approved accessory structures, is **destroyed or damaged by a catastrophic event including hurricane or tropical storm, fire, flood, explosion, collapse, wind, war, or other event**, the structure may be reconstructed or repaired without regard to the extent of destruction or damage. The **reconstruction or repair shall not increase the height of the building, number of dwelling units, or total number of square feet** unless the comprehensive plan and the applicable zoning district regulations applicable at such time permit a greater number of dwelling units.*

The table below provides how other municipalities in Palm Beach County address such redevelopment of nonconforming structures.

Municipality	Current Code regulation
Ocean Ridge	Grandfathered structures which includes residential-type units, may be permitted to seek the demolition and redevelopment of the grandfathered structure and, in doing so, exceed the allowable density in the multifamily-zoned areas of the town, but in such circumstances must reduce the number of units which were grandfathered by at least 50 percent (fractional units to be rounded up).
Boca Raton	If any residential building located in a residential district is damaged by catastrophe , the building may be repaired or reconstructed and used to house no greater than the number of dwelling units and no greater square footage or total living area in existence in the building prior to the damage , regardless of the extent of the damage.
Lantana	Should a nonconforming structure be destroyed by any means to an extent of more than 50 percent of its replacement cost at the time of destruction, it shall not be reconstructed except in conformity with the provisions of this chapter; except in cases of fire or act of God, in which case the structure may be replaced as it was originally constructed.

Municipality	Current Code regulation
Manalapan	Any nonconforming building and/or structure which has less than 50 percent of its previous existing floor area made unsafe or unusable by lack of normal maintenance or by ordinary deterioration may be restored or reconstructed as before , provided that the floor area of such building and/or structure shall not exceed the floor area which existed prior to such damage. All repairs shall be completed within one year after damages occur or such building and/or structure shall not be rebuilt unless rebuilt as a conforming building and/or structure.
Lake Worth Beach	In the event of a natural disaster, explosion, fire, act of God or the public enemy , the development review officer may permit the reconstruction of any nonconforming legally permitted structure to the same or decreased nonconformity as existed immediately prior to the disaster , upon proof satisfactory to the development review officer of the configuration of the prior structure, and only in compliance with the FBC. An application for reconstruction of the structure shall be filed within 12 months of the event of its destruction, unless the city commission authorizes extending the 12-month time period city-wide.

Given the current maximum density regulations of the Town Code, redevelopment of multiple family housing in accordance with current Florida Building Code (FBC) and floodplain management regulations will result in fewer units (in most cases) than originally existed (as noted above, a Town-wide assessment has not been completed). It is worth noting that redevelopment in accordance with current FBC and floodplain management regulations may increase a new structure's resiliency from destruction or damage from a future catastrophic event. The Multi-jurisdictional Climate Change Vulnerability Assessment completed by the Coastal Resilience Partnership, states that the Town has a high vulnerability to storm surge and that residential properties have some vulnerability to current tidal flooding but this could increase significantly in future years.

Typically, for a property to increase its density, a rezoning of the property to a zoning district that allows more density is required. In addition, a change to a property's future land use map designation to one that allows more density would also be required. Any increase in density requires compatibility with adjacent properties as well as an analysis of public facilities and services, traffic, public education, fire and police services, natural resources, hurricane evacuation, etc. That said, Section 30-43(d)(4)e. of the Town Code states the following:

A change in the zoning classification of land shall not be considered which involves less than forty thousand (40,000) square feet of land area and two hundred (200) feet of street frontage. This limitation shall not apply to a request to extend the boundary of an existing zoning district, or unless otherwise provided for herein.

Many RML-zoned properties along Russell Drive, Bel Air Drive, Highland Beach Drive and South Ocean Boulevard are under 40,000 square feet of land area and therefore based on Section 30-43 cannot rezone. Therefore, some options the Town Commission may consider are as follows:

- Consider an option similar to Ocean Ridge whereby nonconforming structures can be redeveloped; however, the number of units must be reduced by at least 50%. In addition, add a density calculation methodology into the Code of Ordinances whereby if the density calculation results in a fraction that is 0.50 or greater, the number is

rounded up (e.g. 1.5 equals 2 units). Fractions lower than 0.50 are rounded down (e.g. 1.4 equals 1 unit).

- Change maximum density requirements for nonconforming structures in both the Town Code and Comprehensive Plan. This may be specific to the RML zoning district or include other zoning districts.
- “No action” whereby the redevelopment of nonconforming structures shall comply with the current property development regulations as provided in the Town Code.

ATTACHMENTS

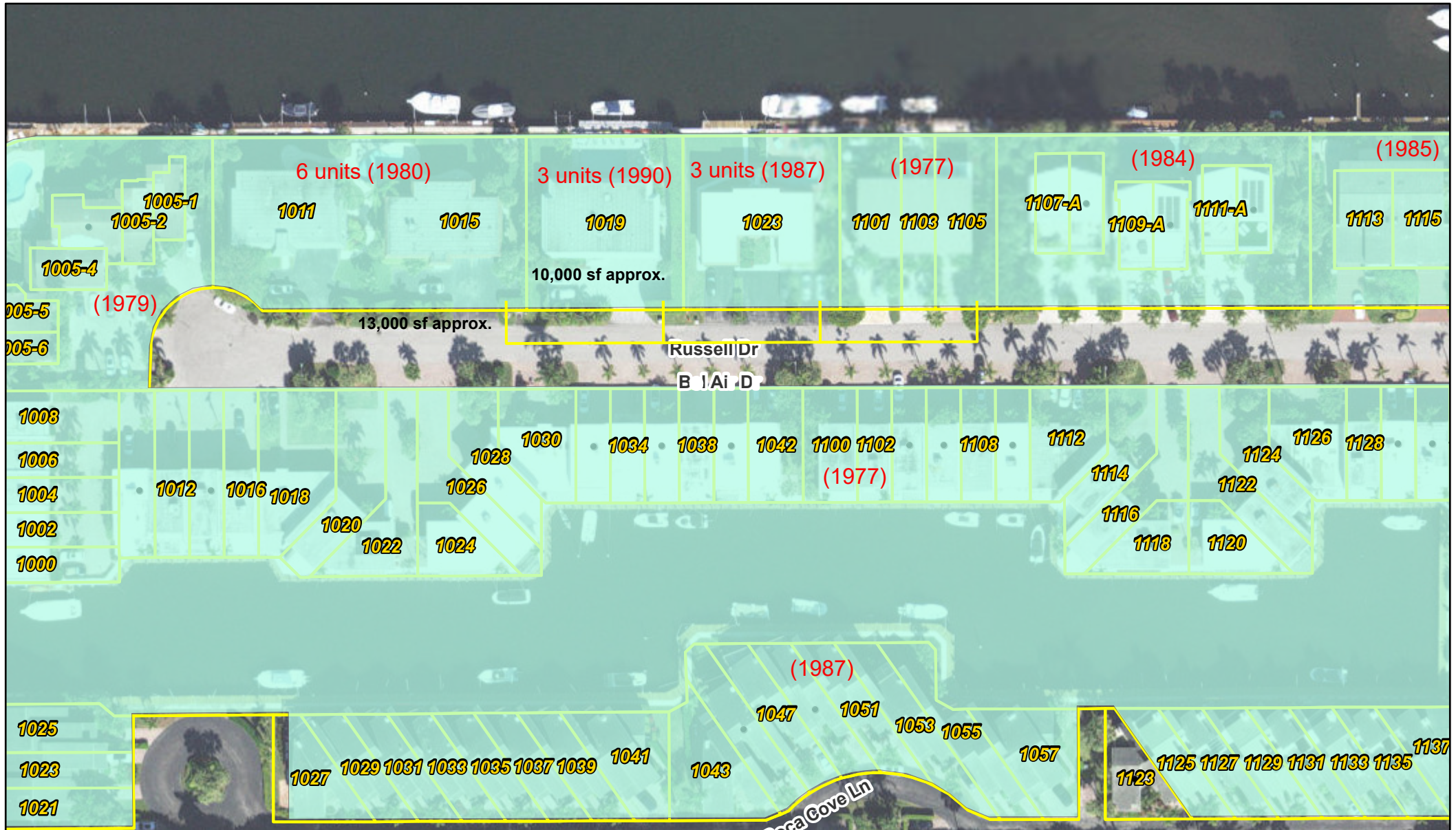
Maps: RML zoned properties along the westside of State Road A1A, Russell Dr., Bel Air Dr. and Highland Beach Drive (*Note these maps represent a sample of existing low density structures in the RML zoning district*).

Letter from Matthew Scott (provided to Town Commission on March 1, 2022).

RECOMMENDATION

At the discretion of the Town Commission.

RML zoning - No. of units/year built



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Zoning

RML Residential Multiple Family Low Density

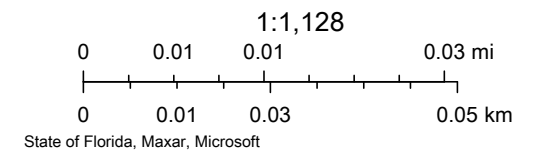
Highland Beach Boundary

Highland Beach Address Points

Highland Beach Parcels

Streets Centerline

Page 100



RML zoning - No. of units/year built



8/30/2022, 3:10:28 PM

Zoning

RML Residential Multiple Family Low Density

RS Residential Single Family

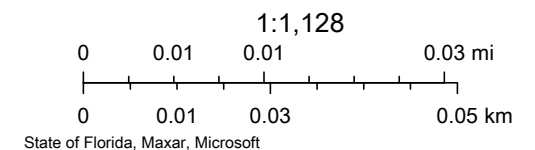
Highland Beach Boundary

Highland Beach Address Points

Highland Beach Parcels

Streets Centerline

Page 101



This aerial map shows a residential development with various lots outlined in yellow and red. The central area is labeled 'Tranquility Dr'. Lots are numbered with yellow text, and some are further identified with red text. The map includes a canal with several boats and a white boat ramp. The surrounding area includes other residential lots and a road at the bottom.

Yellow-outlined lots and labels:

- 4425 (top left)
- 4410 (left)
- 4416 (left)
- 4420 (center left)
- 4426 (center)
- 4430 (center right)
- 4400 (bottom center)
- 4416 (bottom left)
- 4420 (bottom center left)
- 4426 (bottom center)
- 4430 (bottom center right)
- 4326 (top center)
- 4323 (top right)
- 4400 (center right)
- 4325 (center right)
- 4415 (bottom right)
- 4315 (bottom center)
- 1109 (bottom center)
- 1121 (bottom right)
- 1123 (1990) (bottom right)
- 1019 (bottom left)
- 1023-C1023-A (bottom left)
- 1101 (bottom left)
- 1105 (bottom left)

Red-outlined lots and labels:

- 4320 (top right)
- 4324 (4 units (1982)) (top right)
- 4404 (4 units (1981)) (center right)
- 4400 (4 units (1980)) (center right)
- 4408 (bottom right)
- 1125 (bottom right)

Other labels:

- 15,000 sf approx. (center right)
- Tranquility Dr (center)

 Highland Beach Boundary

Town of Highland Beach
State of Florida, Maxar, Microsoft |

RML zoning - No. of units/year built



8/30/2022, 3:34:27 PM

Zoning

RML Residential Multiple Family Low Density

RS Residential Single Family

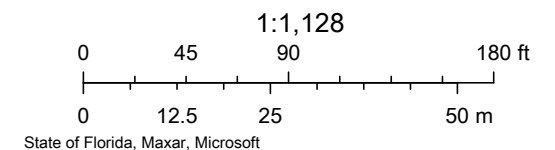
Highland Beach Boundary

Highland Beach Address Points

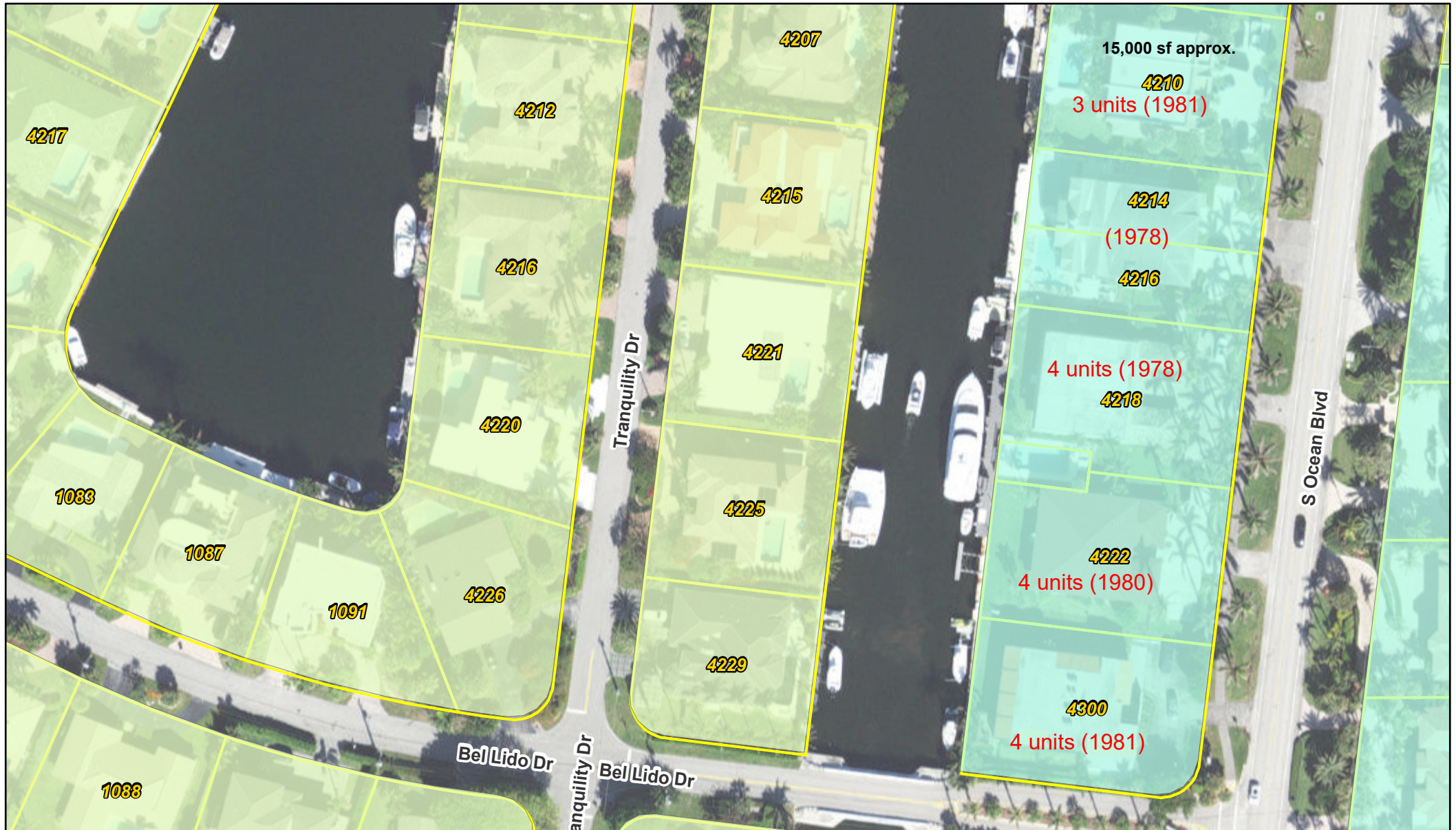
Highland Beach Parcels

Streets Centerline

Page 103



RML zoning - No. of units/year built



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Zoning

RML Residential Multiple Family Low Density

RS Residential Single Family

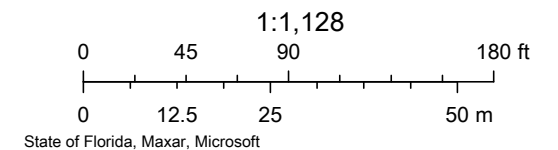
Highland Beach Boundary

Highland Beach Address Points

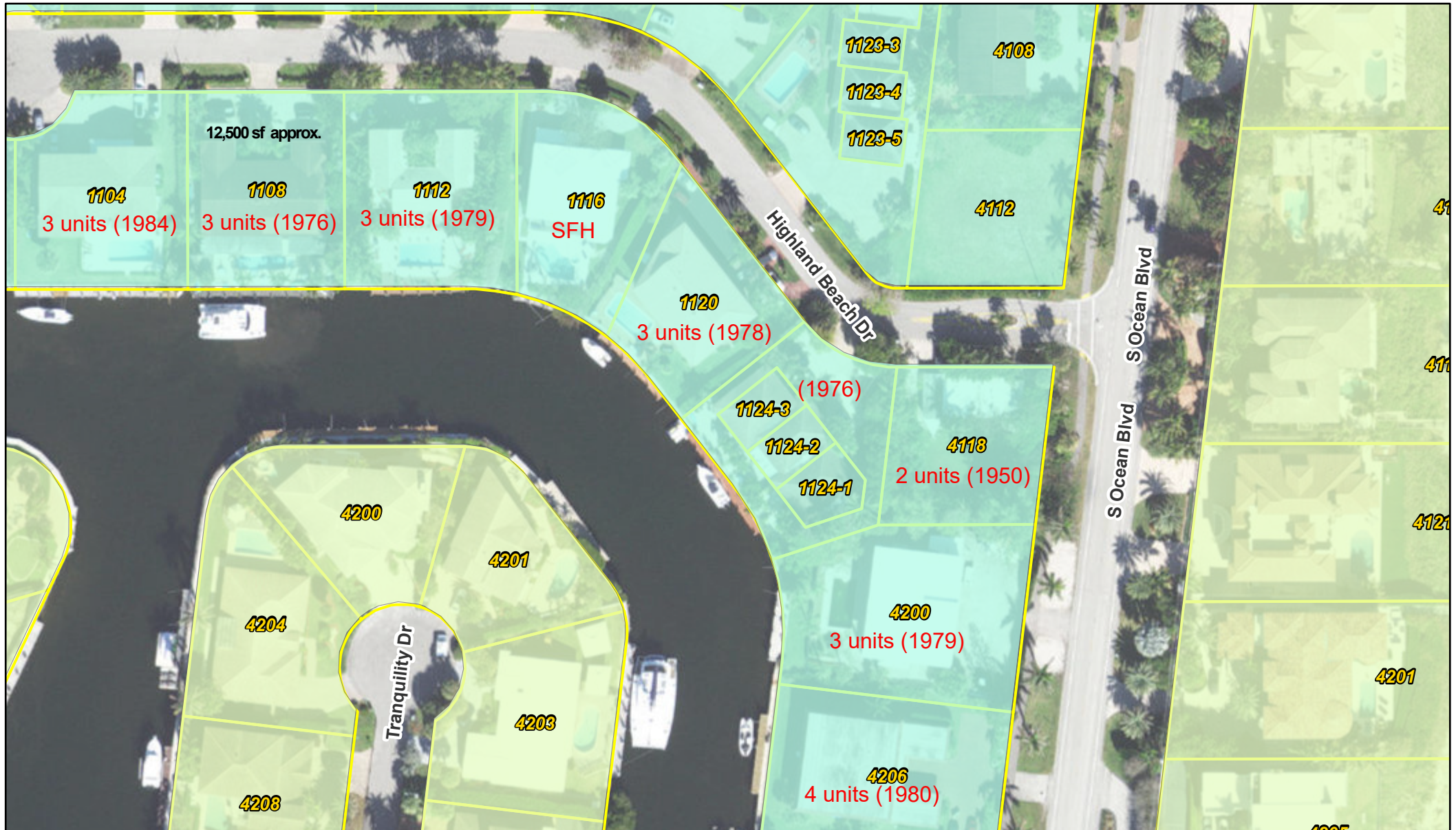
Highland Beach Parcels

Streets Centerline

Page 104



RML zoning - No. of units/year built



9/1/2022, 2:32:04 PM

Zoning

RML Residential Multiple Family Low Density

RS Residential Single Family

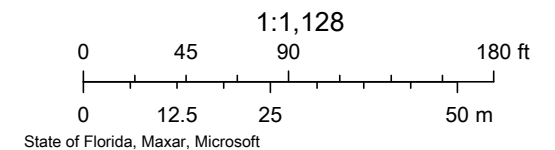
Highland Beach Boundary

• Highland Beach Address Points

Highland Beach Parcels

Streets Centerline

Page 105



RML zoning - No. of units/year built



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Zoning

RML Residential Multiple Family Low Density

RS Residential Single Family

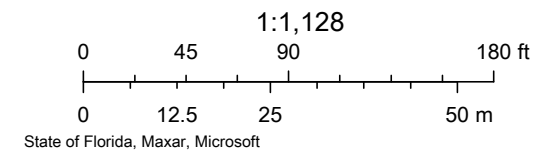
Highland Beach Boundary

• Highland Beach Address Points

Highland Beach Parcels

Streets Centerline

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Memorandum Regarding Redevelopment Issue in Town of Highland Beach

Statement of the Issue

The Town of Highland Beach Zoning Code inadvertently has downzoned properties in the Multiple-Family Zoning Districts such that they cannot be redeveloped without losing currently existing density, thereby disincentivizing modernization and flood proofing of aging structures in these areas.

Executive Summary

The Town is a highly desirable place to live with its strong residential focus and location on the barrier island in south Palm Beach County. The Town's Zoning Code, as it should, seeks to preserve the Town's character with regulations aimed at discouraging large commercial and high-density residential development. However, the Code's density regulations unintentionally have created a situation where properties in Multiple-Family Zoning Districts cannot be redeveloped without reducing the number of units currently existing on the properties.

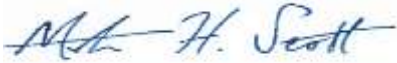
For example, condominium buildings along Ocean Boulevard and townhomes on Russell Drive, Bel Air Drive, and Highland Beach Drive could not be rebuilt without reducing the number of units permitted on the properties. 1023 Russell Drive demonstrates the problem. It is currently improved with 3 townhomes, which were built around 50 years ago. The townhomes, which could benefit from rehabilitation, are below current FEMA elevation requirements and at risk of flooding during a storm event. However, raising the elevation of the structure would require tearing it down. If the structure was demolished, the Town's Code would dictate only 1 residence could be built on site where 3 currently exist. In effect, the Town's Code discourages redevelopment of properties at a time when most southeast Florida municipalities are actively promoting climate change resiliency efforts.

This issue does not appear to be intentional. Russell Drive, Bel Air Drive, and Highland Beach Drive are all zoned "RML," Residential Multiple-Family Low Density. The Code states, "It is the purpose of this residential zoning district to encourage alternative housing styles, such as townhouses and patio house(s)" Most, if not all, of the properties on these streets could not be developed today with townhomes due to the Code's density regulations, and the problem is more extreme in the RMM and RMH districts.

Potential Solutions

The Town does not want to encourage an increase in density in these areas. Rather, the Town should amend the Code to create a path for property owners to modernize their properties without losing existing density. One simple solution would be to amend Article VI of the Code, relative to Nonconformities, to allow for maintenance of existing density on sites which are being reconstructed to raise the elevation of the structures for flood proofing purposes, provided the new construction meets all other Code requirements. Another option is amending the Comprehensive Plan and Code to marginally increase the allowed density in these areas so the properties can keep their existing density. However, this latter option is more complicated, expensive, and time

consuming. There are a variety of ways to solve this problem. The undersigned attorney has been retained by Ellemar Luxury Construction, which is actively looking to redevelop 1023 Russell Drive and potentially other properties in the Town. In the event the Commission is amenable to pursuing solutions to the issue, Ellemar through undersigned counsel would be happy to spearhead this effort in collaboration with Town Staff.

A handwritten signature in blue ink that reads "Matthew H. Scott". The signature is fluid and cursive, with the first name "Matthew" and last name "Scott" being clearly legible.

Dated: March 1, 2022

Matthew H. Scott, Esq.
Dunay, Miskel & Backman, LLP

File Attachments for Item:

C. Consideration of a Right of Way Permit for AT&T to work along State Road A1A.



TOWN OF HIGHLAND BEACH AGENDA MEMORANDUM

MEETING TYPE: Town Commission Meeting
MEETING DATE 10/18/2022
SUBMITTED BY: Building Department
SUBJECT: AT&T Right of Way Permit on A1A

SUMMARY:

AT&T has submitted a ROW permit to install 6,545' of PVC conduit underground using the directional boring method. 5,580' will be in grassy areas of the ROW and 965' will be below paved areas. They will install 34 handholes (in ground junction boxes). There will be 4 points where they will tie into the ROW on the west side of A1A. Each of those points are at the end of Highland Beach Dr, Bel Lido Dr, Bel Air Dr, and Russel Dr where they will install handholes and remove and restore the grass in these small areas to equal or better condition with no change in elevation. In addition, They will be installing 5,242' of PVC conduit on A1A from north of Highland Beach Dr to just south of Russell Dr, partly on the west side and partly on the east side. AT&T has secured approval and a permit from FDOT for the work in these 4 areas.

FISCAL IMPACT:

N/A

ATTACHMENTS:

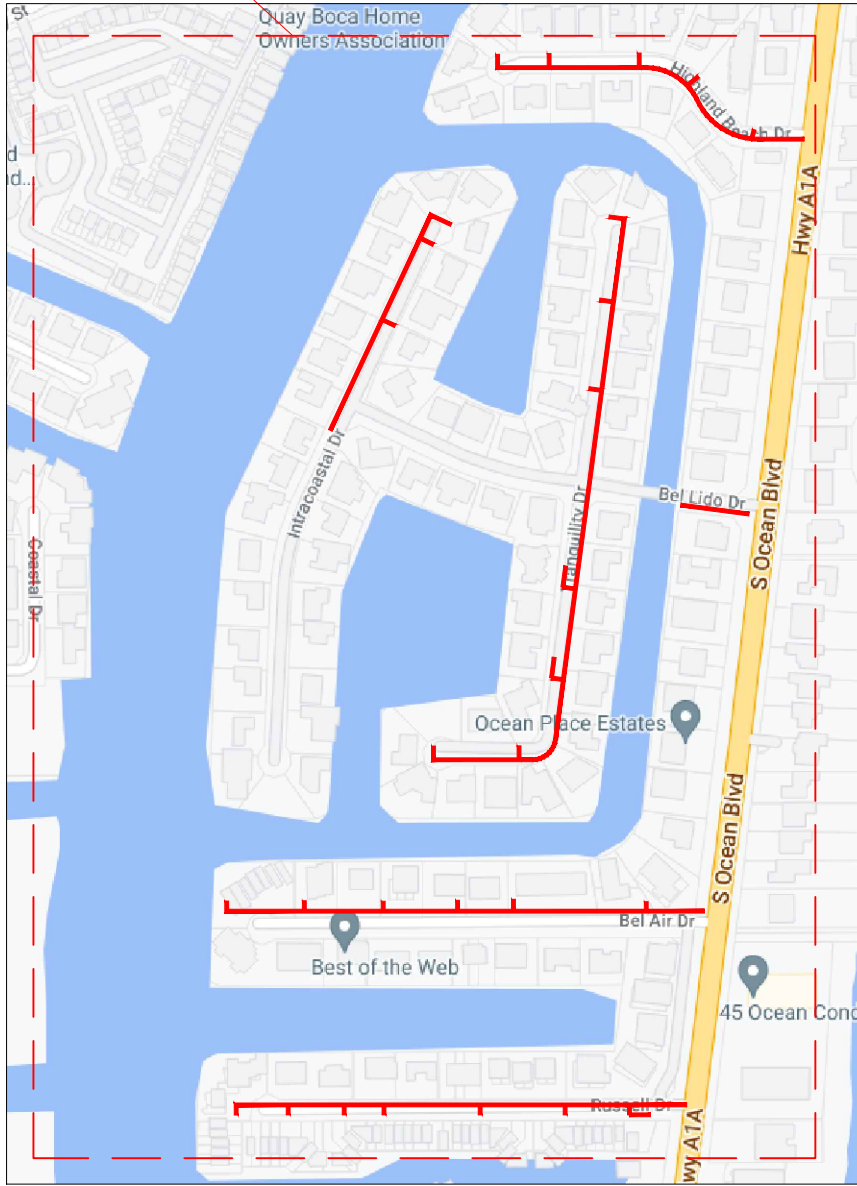
Town of Highland Beach plan, A1A FDOT approval and plans

RECOMMENDATION:

Approval as submitted

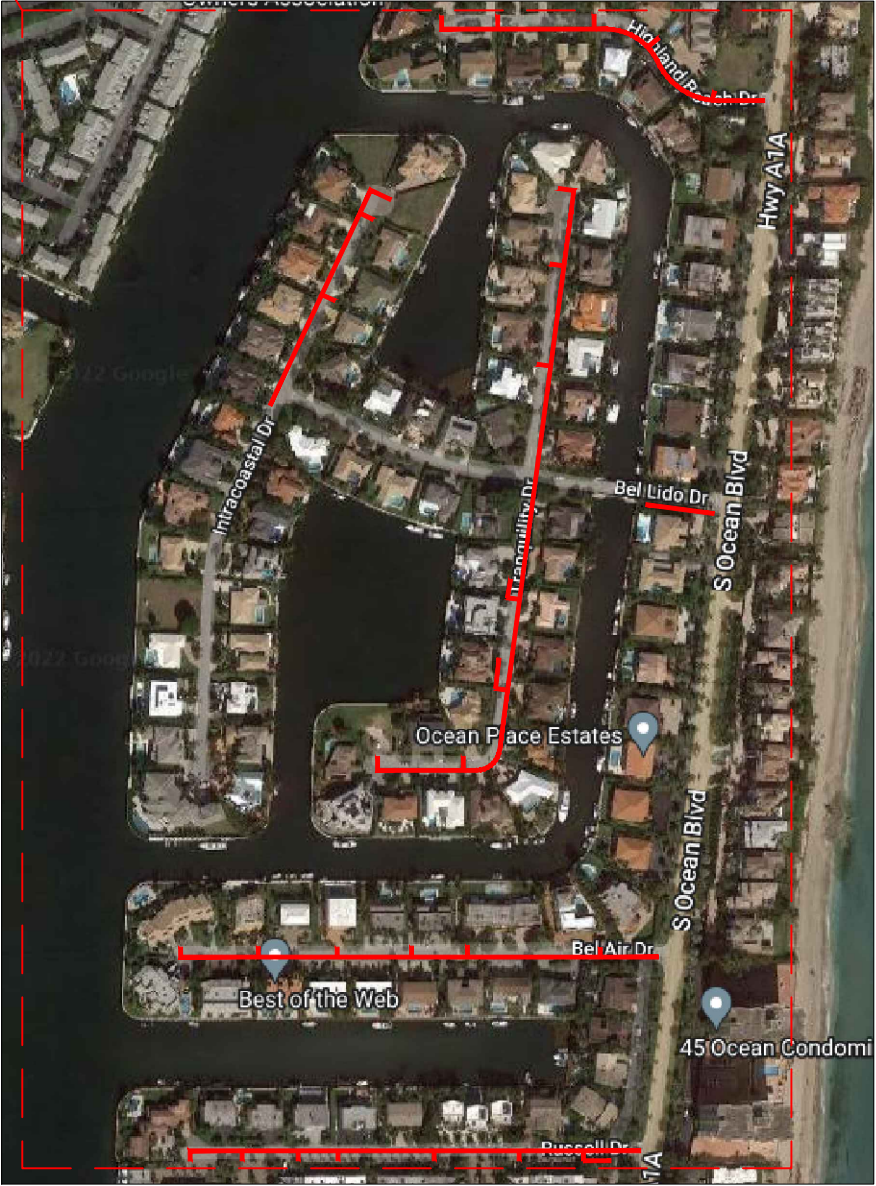
TOTAL PAGE FOOTAGE:	5580'
TOTAL UNDER PAVEMENT:	965'

WORK AREA



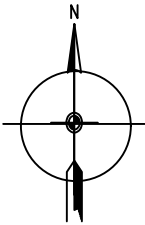
LOCATION MAP
N.T.S.

WORK AREA



VICINITY MAP
N.T.S.

SPACE RESERVED FOR PROFESSIONAL SEALS



ATTSE

PERMITTING

JURISDICTION:

• HIGHLAND BEACH CITY

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:
1117 RUSSELL DR

ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER:	CFAS PROJECT NUMBER:
1W842020N	A029ELL

FILE NAME:
1W842020N_HIGHLAND BEACH CITY

SCALE:	PAGE:	OF:
N.T.S	001	059

CALL BEFORE YOU DIG



IT IS CONTRACTORS RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION AS THE LOCATION OF UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND POSSIBLY INCOMPLETE. THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.

PROJECT DESCRIPTION:

- 1.PLACE APPROXIMATELY 6545' OF HDPE CONDUIT VIA DBORE
- 2.PLACE (31) 17"Wx30"Lx24"D HANDHOLE.
- 2.PLACE (3) 30"Wx48"Lx36"D HANDHOLE.

MOT USED:

102-660
102-602

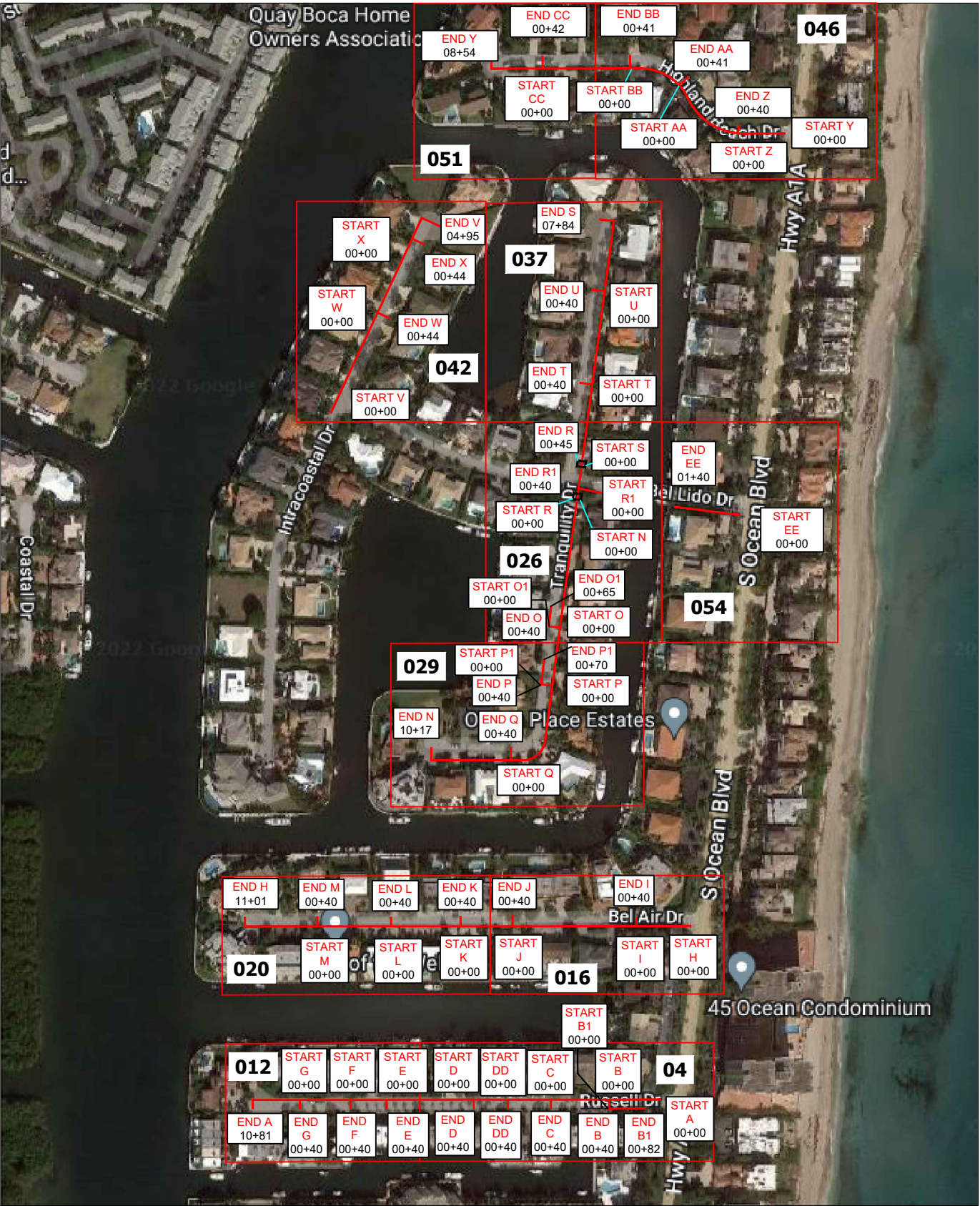
PLAT BOOK USED:

PB: 25-154
PB: 25-97

DRAWING INDEX

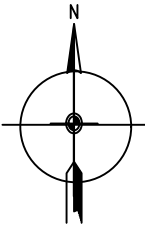
SHEET NO.	SHEET TITLE
001 OF 059	COVER SHEET
002 OF 059	OVERALL MAP
003 OF 059	GENERAL NOTES, LINETYPES & LEGEND
004 TO 055 OF 059	PLAN VIEW & PROFILES
056 TO 059 OF 059	CONSTRUCTION TYPICAL

FOOTAGE & QUANTITIES		
DESCRIPTION	QUANTITY	UNIT
BORE	5580'	LF
UNDER PAVED ROADWAY	965'	LF
HANDHOLES	34	EA
TOTAL FOOTAGE	6545'	LF



OVERALL VIEW

N.T.S.



ATTSE

PERMITTING

JURISDICTION:
* HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	4

PROJECT ADDRESS:
1117 RUSSELL DR

ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	N.T.S	PAGE:	002
		OF:	059

- ALL UTILITY STRUCTURES INSTALLED BELOW GRADE, OF ANY TYPE, IN THE PALM BEACH COUNTY RIGHT - OF - WAY ARE REQUIRED TO HAVE TRAFFIC BEARING TOPS. THIS INCLUDES ALL VALVES BOXES, METER BOXES, HAND HOLES, SPLICE BOXES, STORM GRATES, MANHOLE TOPS, TRAFFIC BOXES ETC. THIS REQUIREMENT APPLIES TO STRUCTURES WITHIN THE SIDEWALKS, GRASSES AREAS AND/OR PAVEMENT.
- ALL PULL BOXES, HANDHOLES, ETC., IN PALM BEACH COUNTY RIGHT - OF - WAY ARE TO BE A MINIMUM OF TIER 15, (15K DESIGN LOAD/22.5 TEST LOAD) TRAFFIC BEARING IN LOCATIONS ARE SUBJECT TO OCCASIONAL TRAFFIC. PULL BOXES, HANDHOLES, ETC. IN THE ROADWAY (DELIBERATE VEHICULAR TRAFFIC APPLICATIONS) ARE TO BE A MINIMUM OF TIER 20.
- ANY DAMAGE TO PBC-TRAFFIC-ITS FACILITIES CAUSED BY THE CONSTRUCTION OF THIS PROJECT, MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AT NO COST TO PALM BEACH COUNTY TRAFFIC ITS.
- DAMAGE TO LOOPS OR ANY SIGNAL EQUIPMENT CAUSED BY THE CONSTRUCTION OF THIS PROJECT MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AT NO COST TO PALM BEACH COUNTY.
- NO EXCAVATION AROUND PALM BEACH COUNTY SIGNAL POLES WITHIN A 6 FOOT RADIUS FROM THE CENTER OF THE POLE. PLEASE SEE PALM BEACH COUNTY TRAFFIC SIGNAL INSTALLATION STANDARDS AND DETAILS 2019 DRAWING T-53.
- CONTRACTOR SHALL CONTACT PALM BEACH COUNTY TRAFFIC OPERATIONS AT 561-233-3900 FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION IF WORK IS BEING DONE WITHIN 10 FEET OF ANY SIGNAL EQUIPMENT.

ROAD AND BRIDGE GENERAL NOTES:

1. ANY AND ALL PB COUNTY STORMDRAIN / SIDEWALK / PATHWAY / C&G / ADA AND OR ADDITIONAL ROADWAY THAT IS AFFECTED BY THE PROPOSED CONSTRUCTION MUST BE RESTORED TO LIKE OR BETTER THEN LIKE CONDITION TO INCLUDE ALL APPLICABLE FDOT / PB COUNTY DETAILS AND SPECIFICATIONS (APPLICABLE THOROUGHFARE / NON-THROUGHFARE).
2. SIDEWALK AFFECTED TO INCLUDE ONE FLAG ON EITHER SIDE OF THE DISTURBED AREA. SIDEWALKS WILL BE RESTORED BY REPLACING: TWO FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED AT A CONTROL JOINT AND THREE FLAGS IF THE POINT OF CONSTRUCTION IS LOCATED BETWEEN CONTROL JOINTS. NO PARTIAL JOINTS ACCEPTED. (PER SITUATION)
3. ROADWAY LANES AFFECTED WILL REQUIRE THE AFFECTED LANES AND/OR ADDITIONAL LANES BE RESTORED TO LIKE OR BETTER THEN LIKE CONDITION AND TO EQUAL DIMENSIONS AS THE ADJACENT LANES (EOP TO EOP).
4. ALL AFFECTED ROADWAYS ARE TO BE RESTORED FROM EOP TO EOP, LANE WIDTH MIN. AND 50' IN EITHER DIRECTION (THOROUGHFARE) AND 25' MIN. RESTORATION (NON-THOROUGHFARE).
- 5.MILL AND PAVE TRANSITION AREA IN PALM BEACH COUNTY R/W, (ADD NAME OF STREET(S)) WILL BE REQUIRED TO INCLUDE THE INTERSECTION IN ITS ENTIRETY, (25' IN ALL DIRECTIONS).
6. FLOWABLE FILL IS NOT AN APPROVED WEAR COURSE IN PB COUNTY. PBC THOROUGHFARE ROAD RESTORATION DETAIL / LANE WIDTH NEEDS TO REFLECT A MIN. 50' OUTSIDE THE PC IN ALL DIRECTIONS.
7. IF PROPOSED CONSTRUCTION/CROSSING ANY EXISTING PB COUNTY STORM DRAIN PIPE/STRUCTURES ARE AFFECTED IN ANY WAY. PB COUNTY R&B REQUIRES FULL RESTORATION OF THE AFFECTED SYSTEM TO LIKE OR BETTER THEN LIKE CONDITION AND TO PB COUNTY/FDOT STANDARD.
8. ANY DRAINAGE SWALES AFFECTED BY THE PROPOSED CONSTRUCTION, SHALL BE RESTORED TO LIKE OR BETTER THEN LIKE CONDITION TO INCLUDE ORIGINAL DESIGN ELEVATIONS.

TRAFFIC GENERAL NOTES:

1. ANY DAMAGE TO SIGNAL EQUIPMENT CAUSED BY CONSTRUCTION OF THIS PROJECT MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AT NO COST TO PALM BEACH COUNTY.
2. NO EXCAVATION AROUND PBC SIGNAL POLES WITHIN A 6 FT. RADIUS FROM THE CENTER OF THE POLE. PLEASE SEE "PBC TRAFFIC SIGNAL INSTALLATION AND DETAILS 2018" DRAWING T-5.3
3. NO EQUIPMENT (INCLUDING PULL BOXES/HAND HOLES) TO BE INSTALLED WITHIN THE PEDESTRIAN RAMPS.

PBC UTILITY CONTACTS		
COMPANY	ENGINEERING & SURVEING CONTACT	PHONE
AMERICAN TRAFFIN SOLUTIONS	SANTIAGO MARTINEZ	(480) 596-4595
AT&T DISTRIBUTION	STEVE LOW	(954) 723-2540
PALM BEACH COUNTY	MATT BUCKNER	(561) 493-6101
COMCAST-BOCA DELRAY	TONY SPRINGSTEEL	(561) 804-0903
PALM BEACH COUNTY STORMWATER	TRACY WARD	(561) 494-1040
FLORIDA PUBLIC UTILITIES	DALE M. BUTCHER	(561) 366-1635
FPL- FIBERNET	DANNY HASKETT	(305) 552-2931
FPL- PALM BEACH	MARIO ESCALONA	(480) 219-9143
LEVEL 3 COMMUNICATIONS	NETWORK RELATIONS	(877) 366-8344 EXT 2
PALM BEACH COUNTY TRAFFIC OPERATION	SUPERINTENDENT	(561) 233-3900

LINE TYPES	
	EXISTING BURIED CABLE
	EXISTING FOC
	DIRECTIONAL BORE
	TRENCH
	AERIAL FOC
	PROPOSED AERIAL
	FENCE
	GRADE LEVEL
	EDGE OF PAVEMENT
	RIGHT OF WAY
	UTILITY EASEMENT
	CENTER LINE
	SIDEWALK
	PROPERTY LINE
	BUILDING
	RAILROAD
	POWER UNDERGROUND
	POWER AERIAL
	TRAFFIC
	TELCO
	GAS
	WATER MAIN
	SANITARY SEWER
	STORM DRAIN
	FORCE MAIN
	RECLAIMED WATER
	STREET LIGHT
	CATV BURIED

EXISTING UTILITY LOCATIONS OBTAINED FROM RECORD DRAWINGS AND/OR PROVIDED BY DEVELOPMENT ENGINEER.
ALL FACILITIES SUBJECT TO FIELD VERIFICATION.

LEGEND	
	POWER MANHOLE
	POWER TRANSFORMER
	POWER PEDESTAL
	TRAFFIC SIGNAL CABINET
	STREET LIGHT
	WATER VAULT/ SPRINKLER
	WATER METER
	WATER CAP
	FIRE HYDRANT
	SANITARY SEWER MANHOLE
	SANITARY CAP
	STORM DRAIN MANHOLE
	STORM DRAIN
	TELCO MANHOLE
	GAS VALVE
	PRPOSED NEW HANDHOLE
	EXISTING HANDHOLE
	DIG PIT
	EXISTING MANHOLE
	PROPOSED NEW MANHOLE
	CONCRETE POLE
	WOOD POLE
	METAL POLE
	TELCO POLE
	PROPOSED POLE
	LIGHT POLE
	POWER POLE
	PROPOSED ANCHOR & GUY
	PROPOSED SIDEWALK DOWNGUY
	EXISTING CABINET
	PROPOSED CABINET

UG CONSTRUCTION NOTES	
RESTORE ALL SURFACES TO EQUAL OR BETTER CONDITION	NO PROPOSED RUNNING LINE CHANGES ARE TO BE DONE WITHOUT AT&T APPROVAL.
VERIFY ALL MEASUREMENTS AND DISTANCES	
COORDINATE WITH THE LOCAL UTILITY PROVIDER AND PROVIDE THE CLEARANCES TO EXISTING UTILITIES ESTABLISHED BY THOSE AGENCIES. AT A MINIMUM, MAINTAIN 4 FT OF HORIZONTAL CLEARANCE BETWEEN PROPOSED UG UTILITIES (WALL TO WALL) AND A MINIMUM OF 12 INCHES OF VERTICAL CLEARANCE	MAINTAIN A MINIMUN BENDING RADIUS OF 5' ON ALL DUCT CONFIGURATION.

ATTSE


PERMITTING

JURISDICTION:	
* HIGHLAND BEACH CITY	

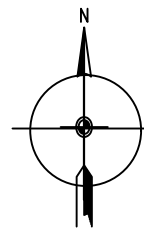
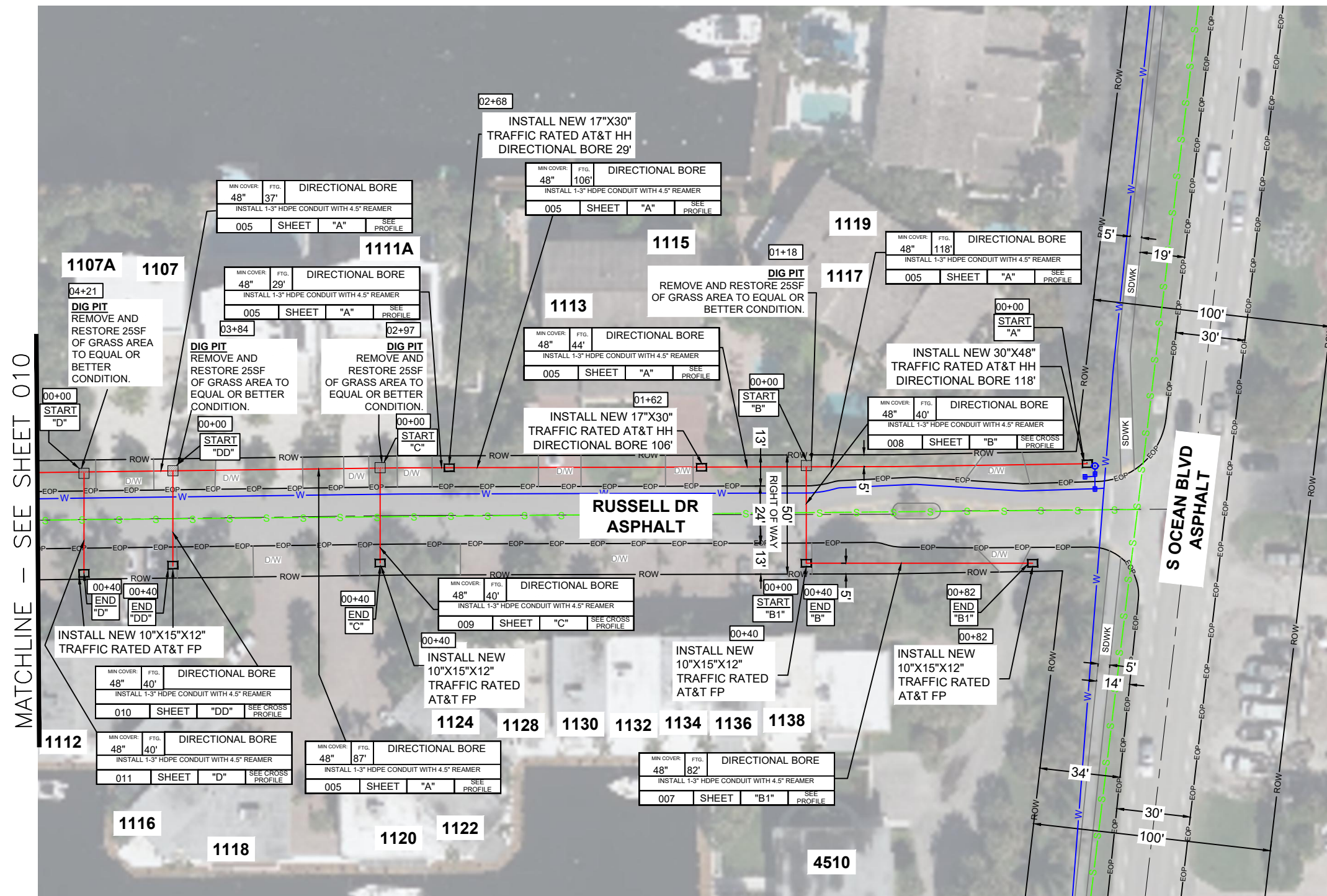
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FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY: PALM BEACH				
	CITY: HIGHLAND BEACH				
	TOWNSHIP: 47S				
	RANGE: 43E				
SECTION: 4		PROJECT ADDRESS: 1117 RUSSELL DR			
ENGINEER: HERNANDEZ, JAVIER				ENG PH #: 305-929-2166	
JOB NUMBER: 1W842020N				CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_HIGHLAND BEACH CITY					
SCALE: N.T.S	PAGE: 003		OF: 059		

TOTAL PAGE FOOTAGE:	523'
TOTAL UNDER PAVEMENT:	160'



ATTSE

PERMITTING

JURISDICTION:

* HIGHLAND BEACH CITY

STATE:
FLORIDA

DISTRICT:
HIGHLAND BEACH

EXCHANGE:
561272

WIRE CENTER:
DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



Know what's **below**.
Call before you dig.

COUNTY:

COUNTY: PALM BEACH

CITY:

CITY:
HIGHLAND BEACH

TOWNSHIP:

47S

RANGE:

43E

SECTION:

4

PROJECT ADDRESS:

1117 RUSSELL DR

ENGINEER:

HERNANDEZ, JAVIER

ENG PH #

ENG PH #:
305-929-2166

JOB NUMBER _____

WB NUMBER:
1W842020N

CEAS PROJECT NUMBER:

A029ELL

FILE NAME:

1W842020N_HIGHLAND BEACH CITY

SCALE:

1:50

PAGE:

004

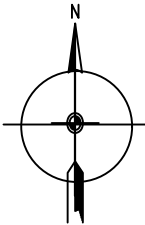
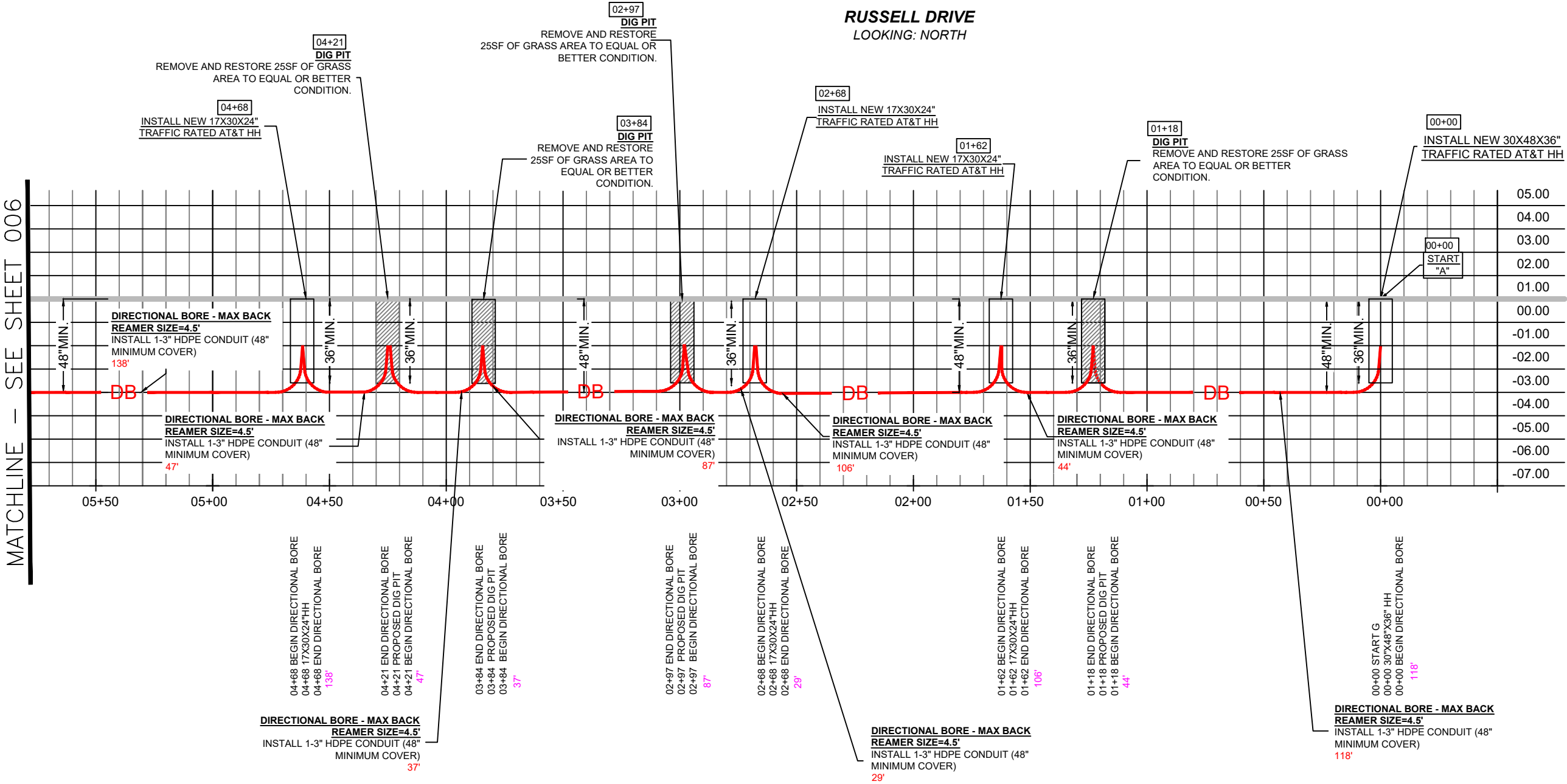
OF:

059

PROFILE - RUSSELL DRIVE

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1" =10"

RUSSELL DRIVE
LOOKING: NORTH



ATTSE

PERMITTING

JURISDICTION:

- HIGHLAND BEACH CITY

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 20

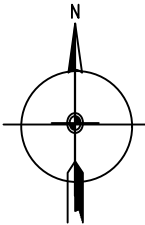
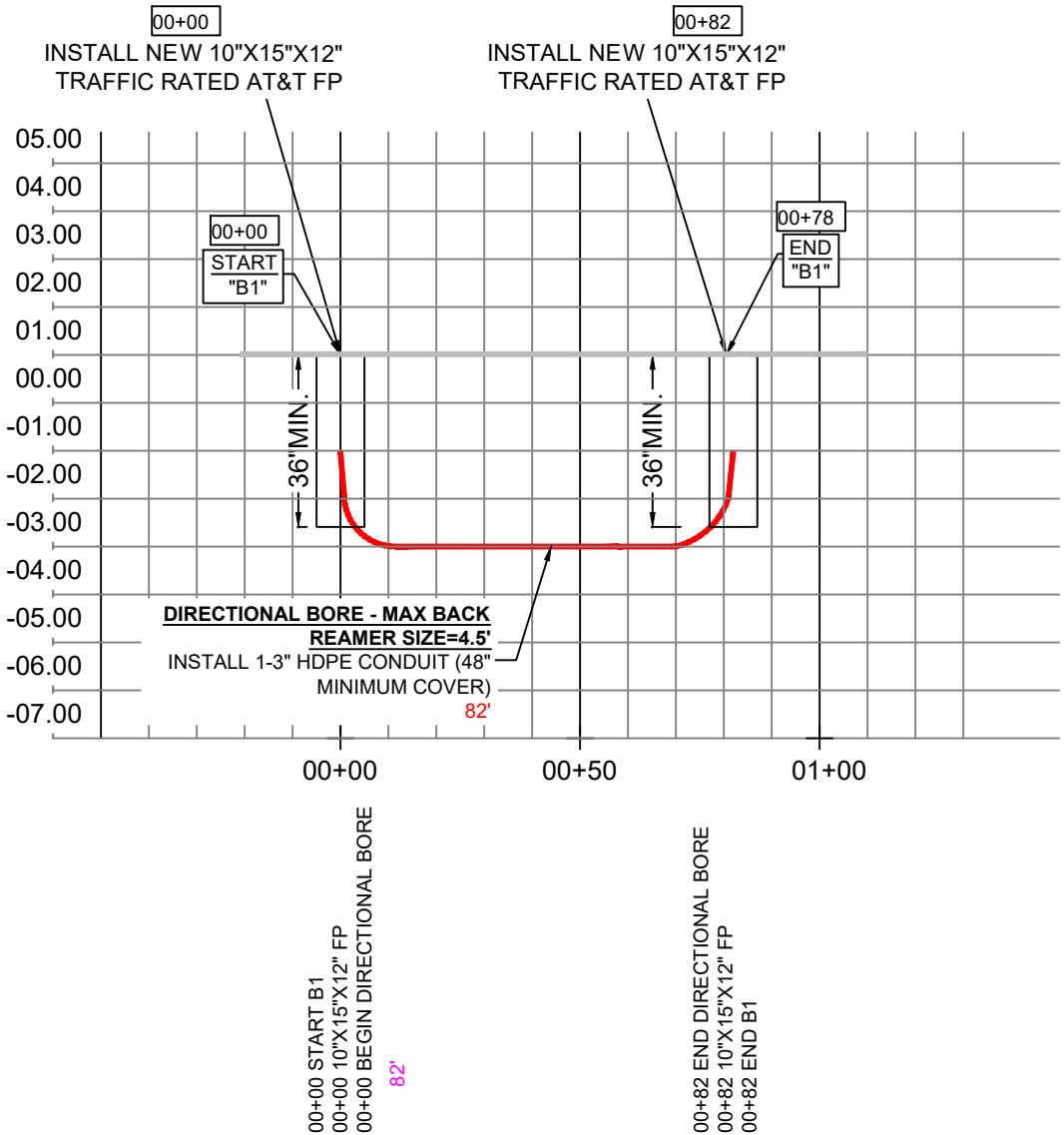
PROJECT ADDRESS: 1117 RUSSELL DR

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY	
SCALE: 1:50	PAGE: 005 OF: 059

PROFILE 'B1' - RUSSELL DRIVE

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

RUSSELL DRIVE
LOOKING: NORTH



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PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

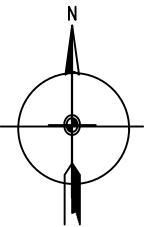
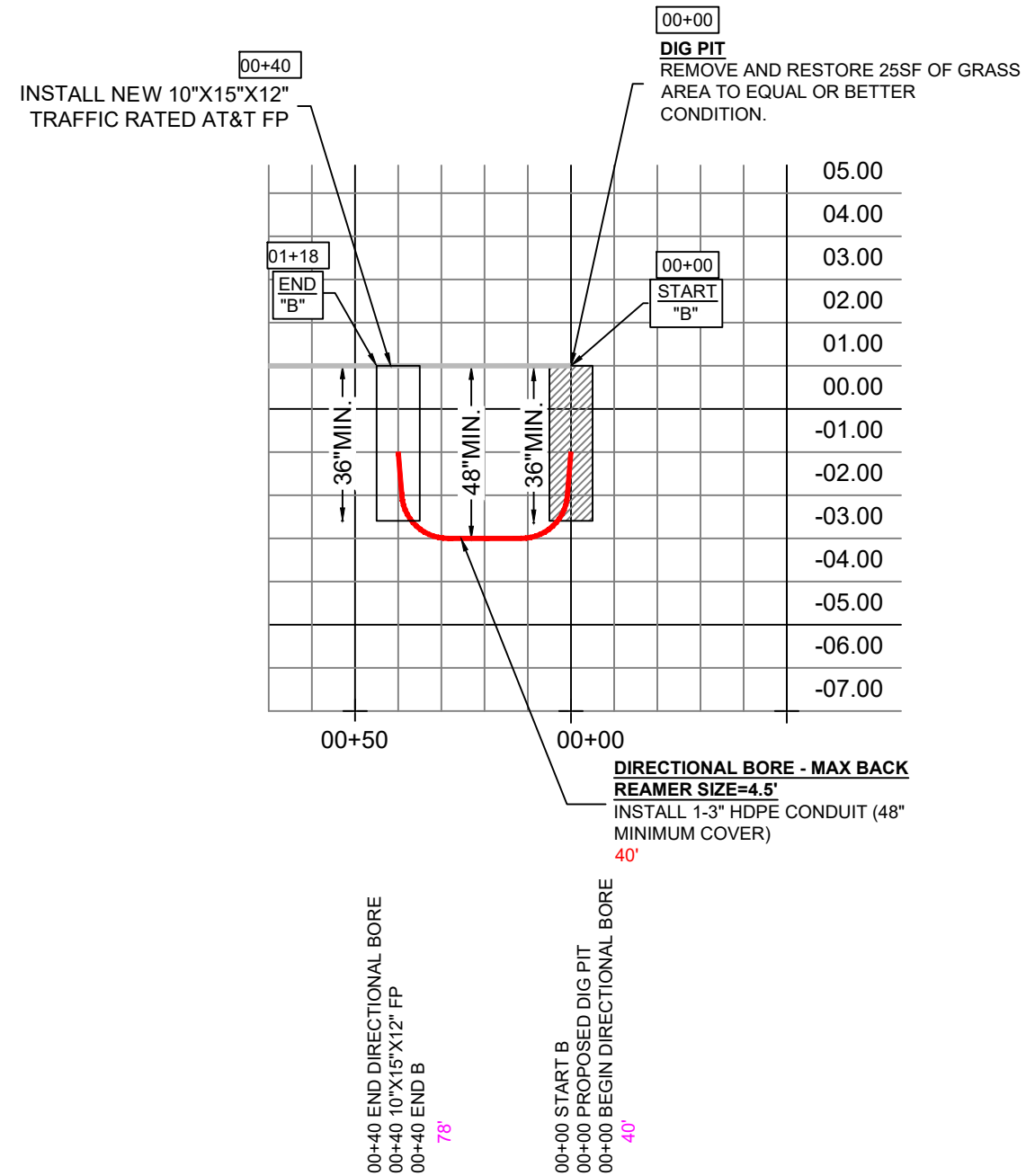
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		1117 RUSSELL DR
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:		1W842020N_HIGHLAND BEACH CITY
SCALE:	1:40	PAGE: 007 OF: 059

CROSS SECTION - VIEW "B"

HORIZONTAL SCALE 1' = 10'
VERTICAL SCALE 1" = 10"

RUSSELL DRIVE
LOOKING: WEST



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PERMITTING

JURISDICTION:

- * HIGHLAND BEACH CITY

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



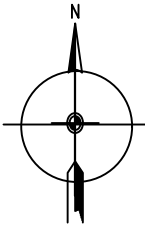
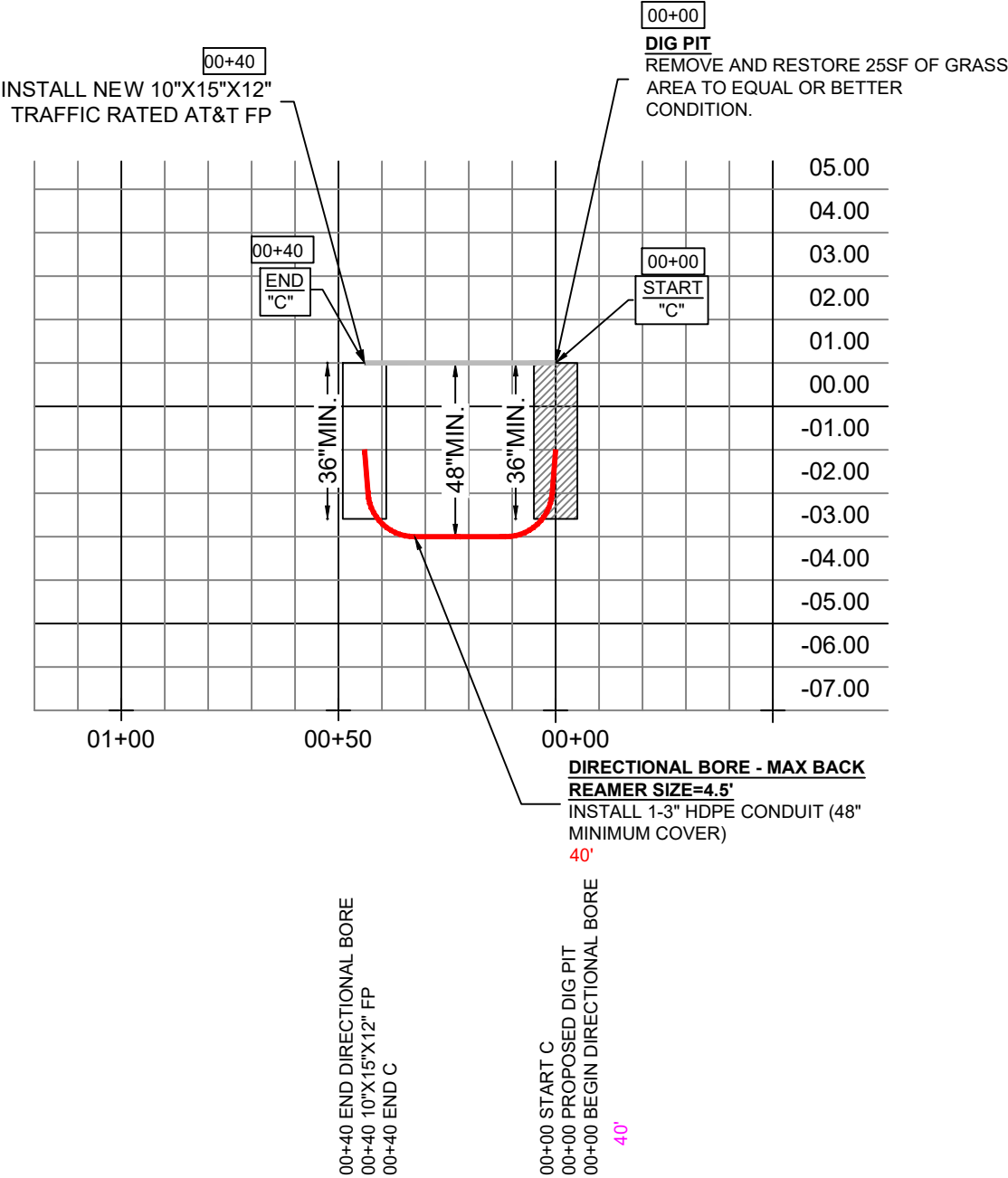
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:		
1117 RUSSELL DR		
ENGINEER:	ENG PH #:	
HERNANDEZ, JAVIER	305-929-2166	
JOB NUMBER:	CFAS PROJECT NUMBER:	
1W842020N	A029ELL	
FILE NAME:		
1W842020N_ HIGHLAND BEACH CITY		
SCALE:	PAGE:	OF:
1:40	008	059

CROSS SECTION - VIEW "C"

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1" =10"

RUSSELL DRIVE
LOOKING: WEST



ATTSE


PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

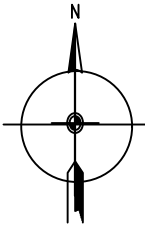
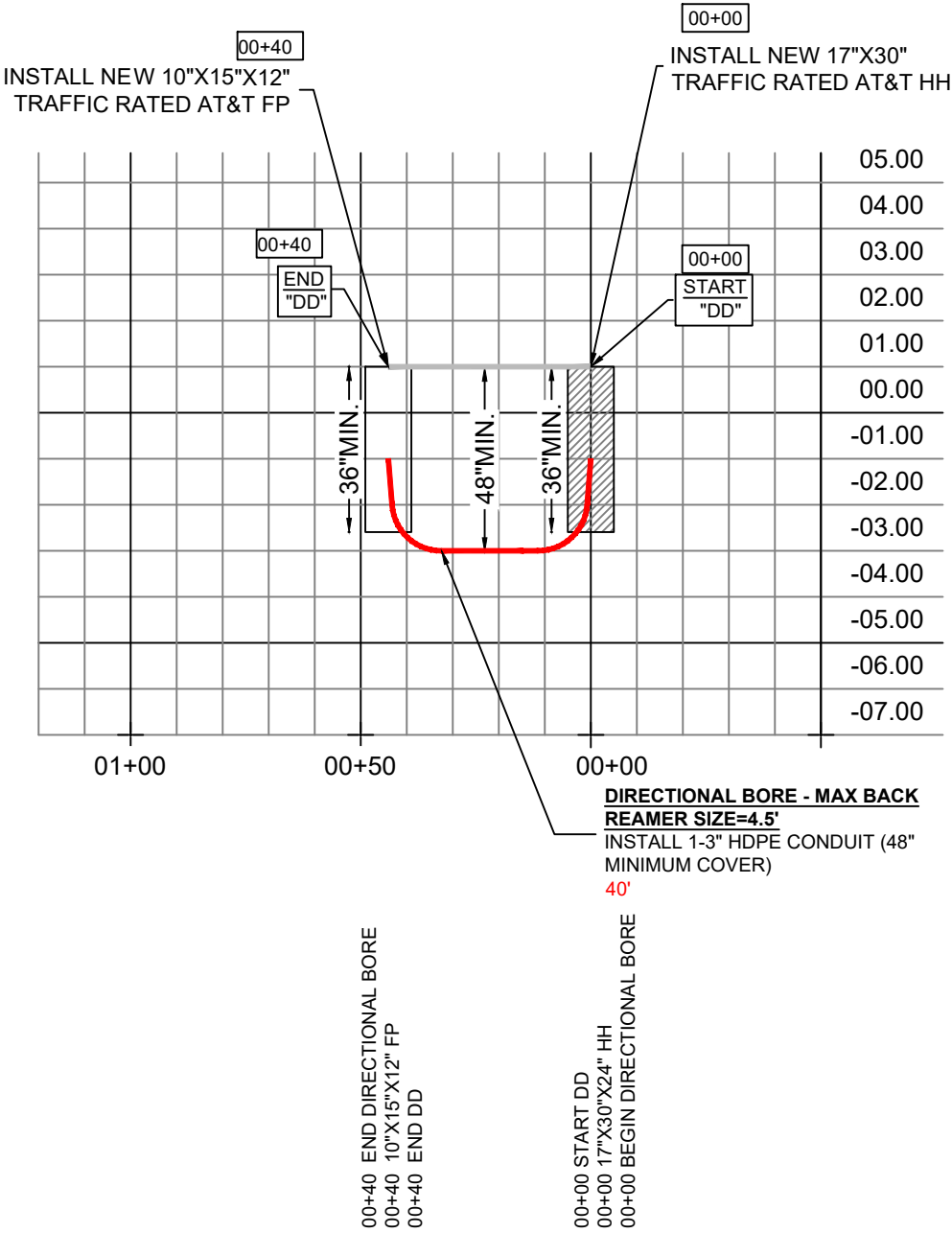
PROJECT ADDRESS:
1117 RUSSELL DR

ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE:	009 OF: 059

CROSS SECTION - VIEW "DD"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1"=10"

RUSSELL DRIVE
LOOKING: WEST



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PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

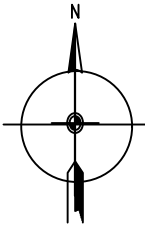
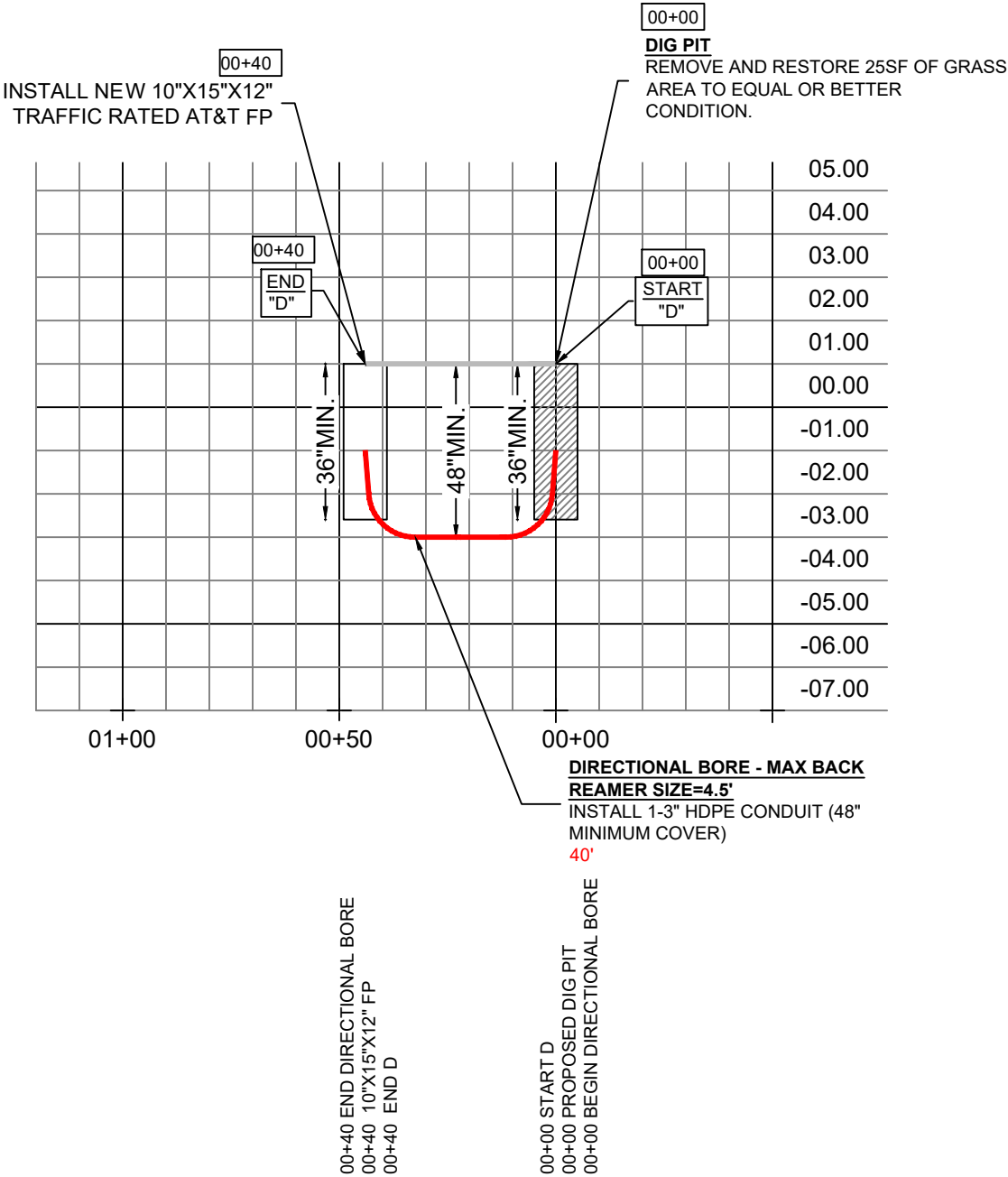
 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04

PROJECT ADDRESS: 1117 RUSSELL DR		
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166	
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE: 1:40	PAGE: 010	OF: 059

CROSS SECTION - VIEW "D"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

RUSSELL DRIVE
LOOKING: WEST



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

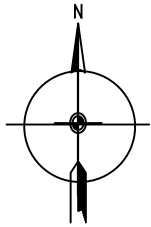
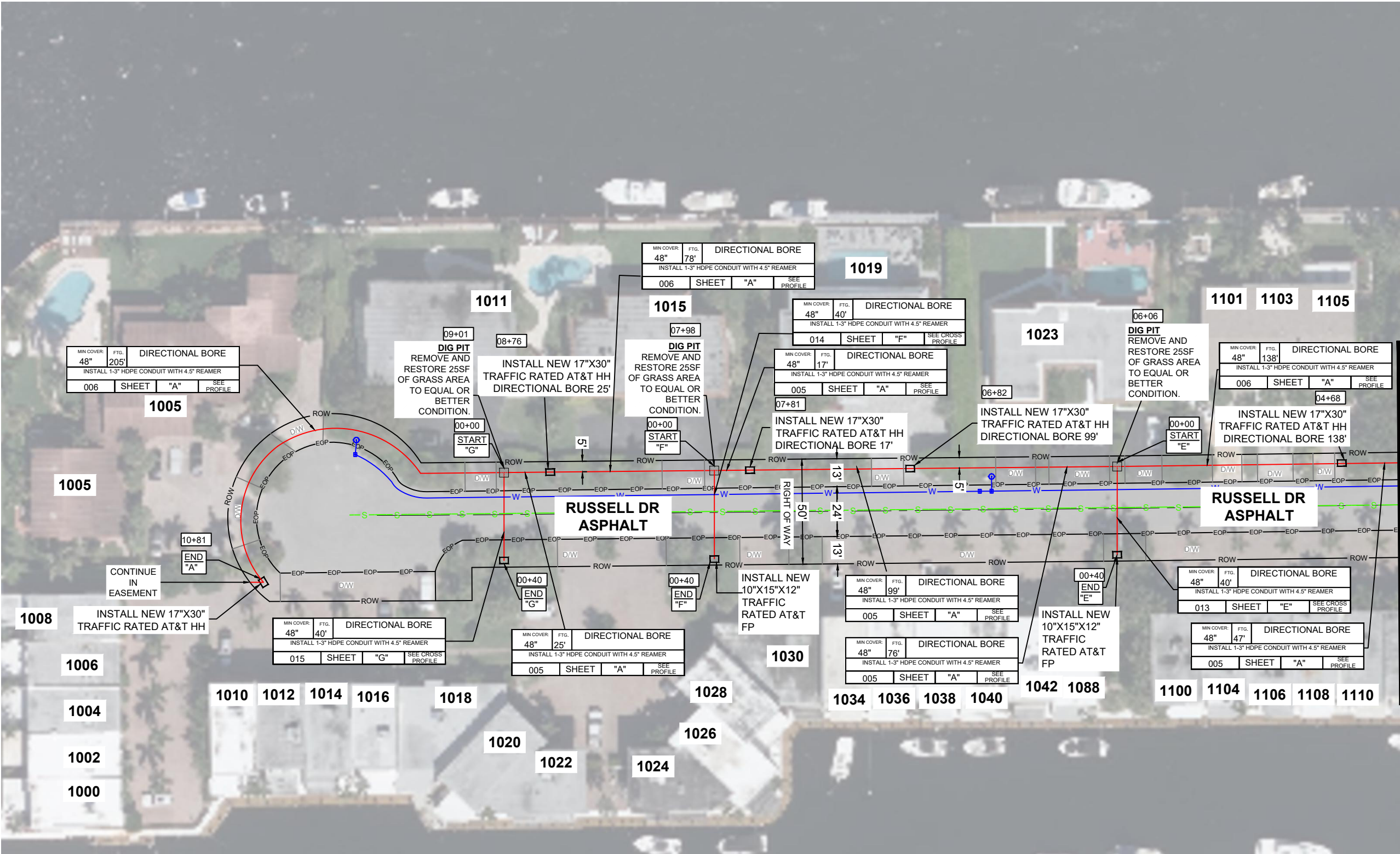
STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		1117 RUSSELL DR
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	PAGE:	OF:
1:40	011	059

TOTAL PAGE FOOTAGE:	635'
TOTAL UNDER PAVEMENT:	120'



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PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

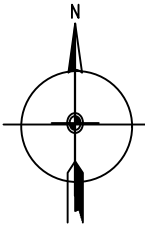
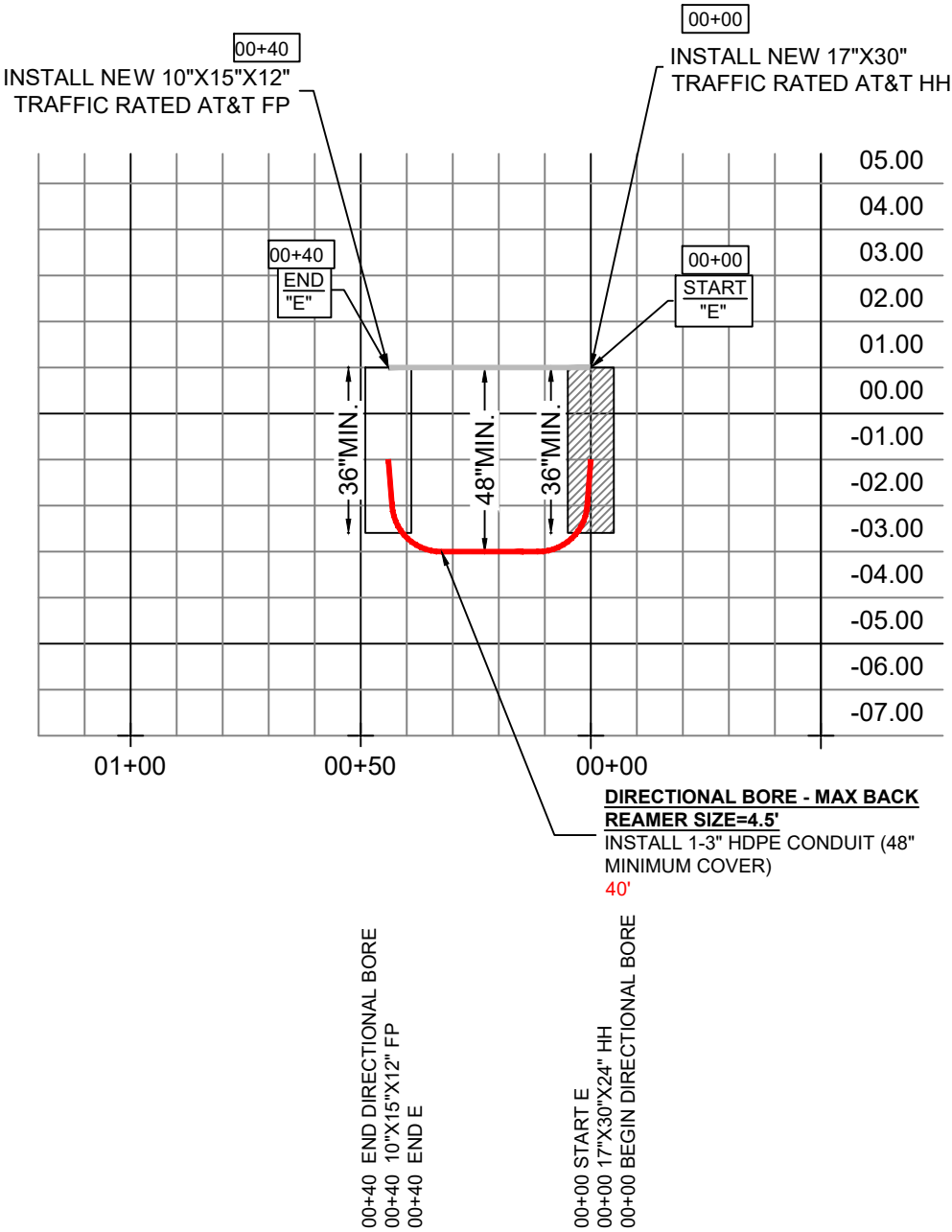
PROJECT ADDRESS:
1117 RUSSELL DR

ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:50	PAGE:	012
OF:	059		

CROSS SECTION - VIEW "E"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

RUSSELL DRIVE
LOOKING: WEST



ATTSE


PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:

PALM BEACH

CITY:

HIGHLAND BEACH

TOWNSHIP:

47S

RANGE:

43E

SECTION:

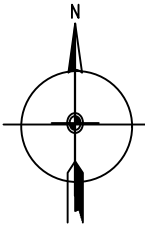
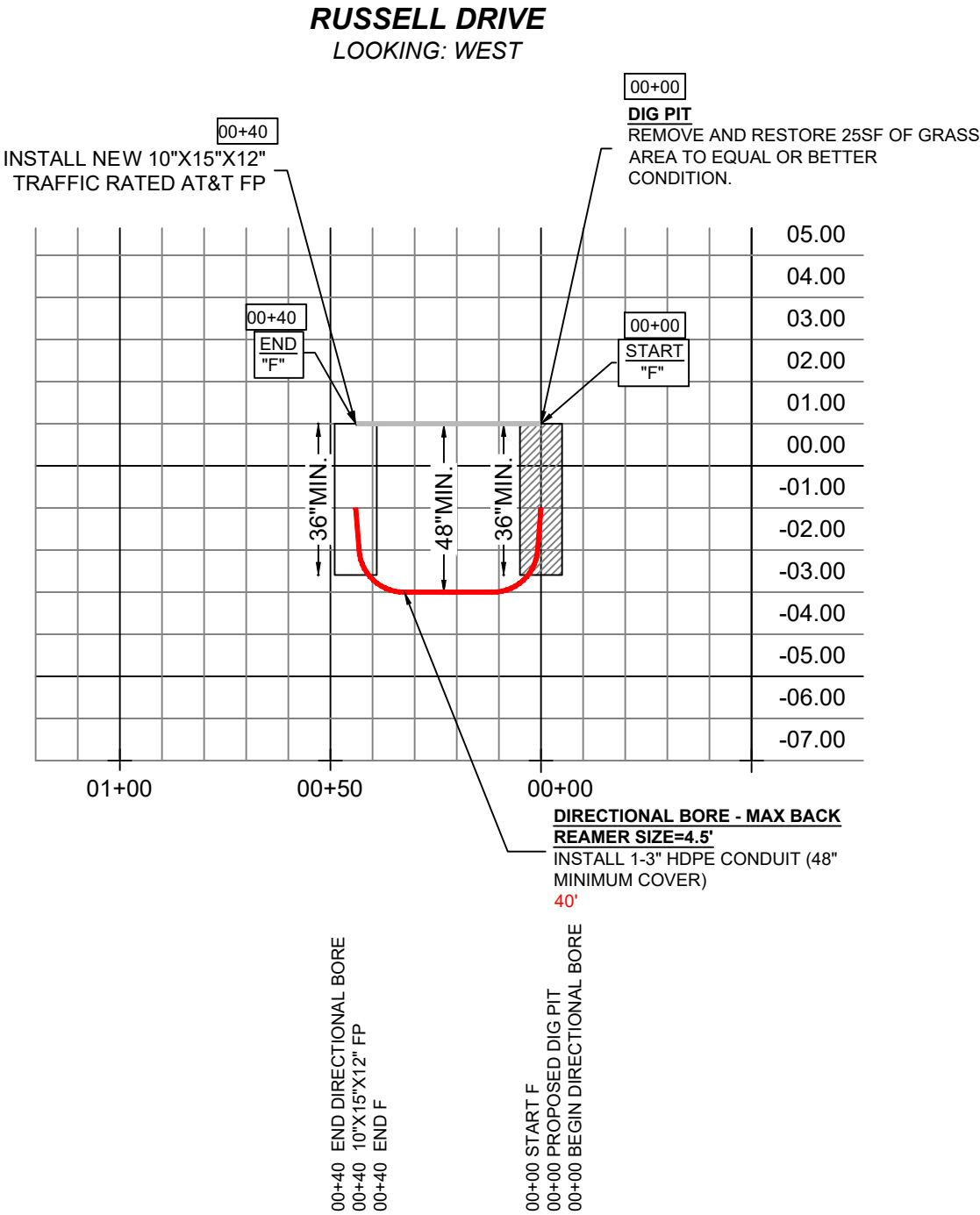
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PROJECT ADDRESS:
1117 RUSSELL DR

ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE:	013
		OF:	059

CROSS SECTION - VIEW "F"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"



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JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

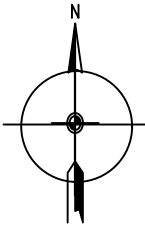
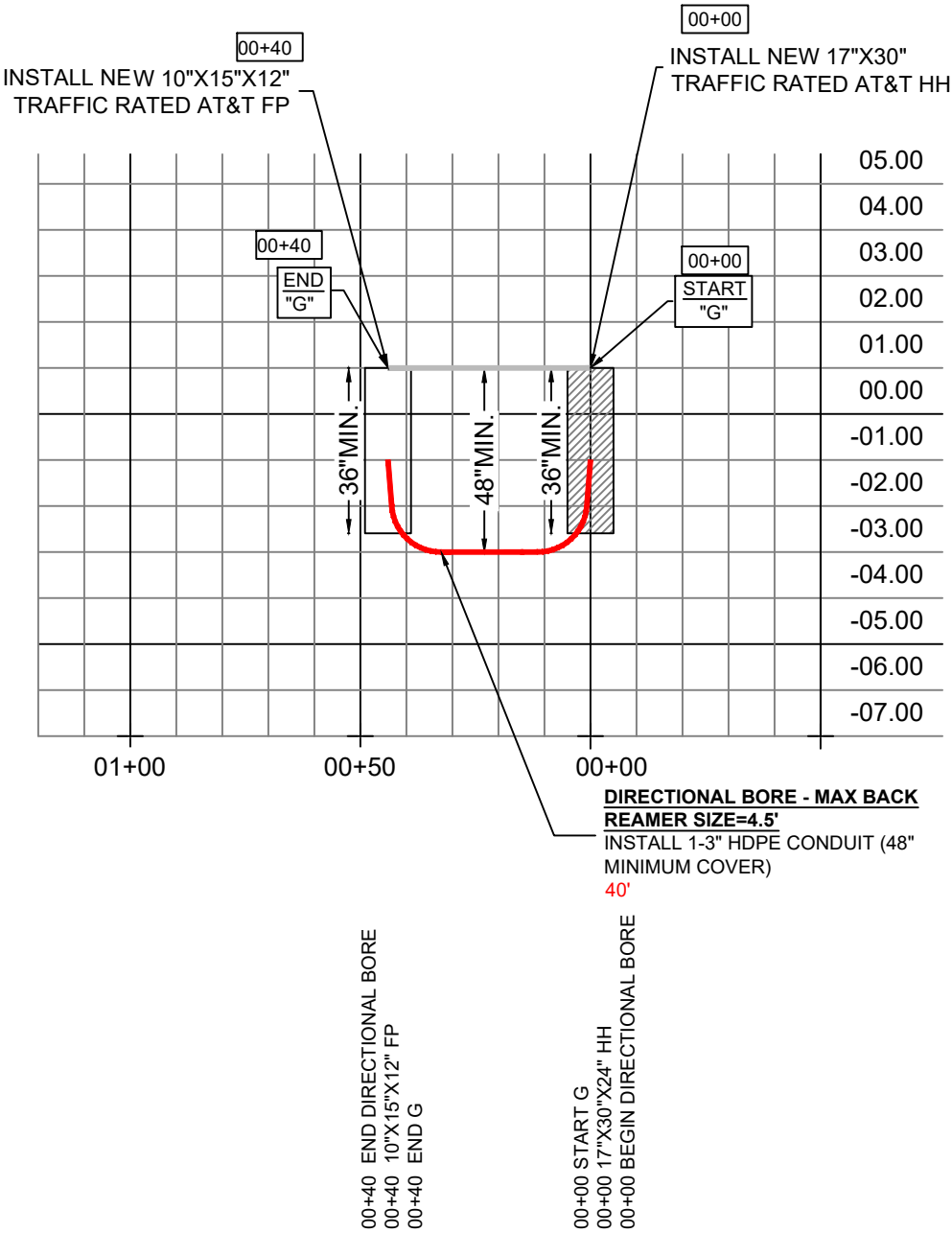
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS: 1117 RUSSELL DR		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE: 014 OF: 059

CROSS SECTION - VIEW "G"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1"=10"

RUSSELL DRIVE
LOOKING: WEST



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JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

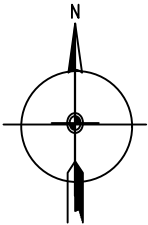
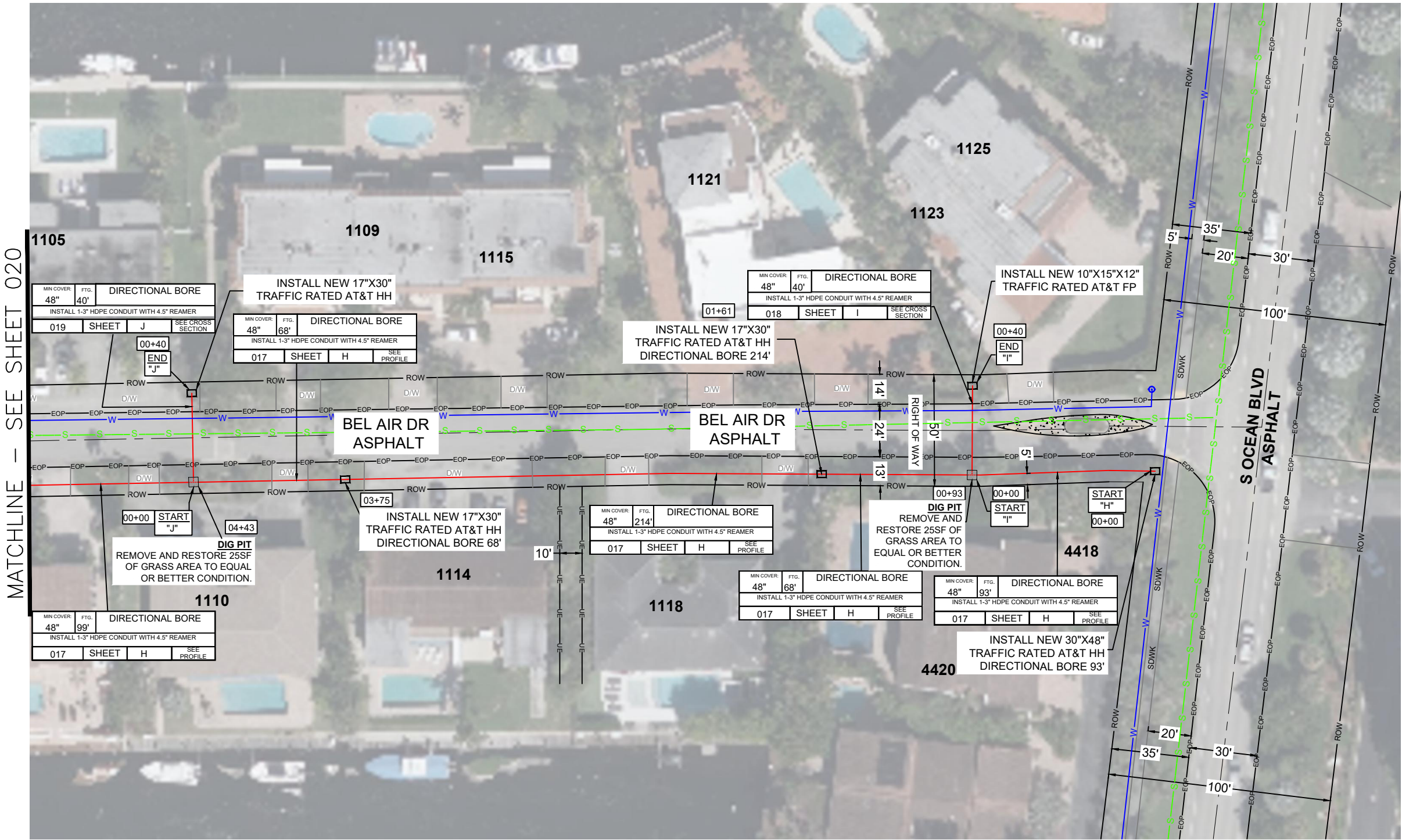
REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

PROJECT ADDRESS: 1117 RUSSELL DR		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE: 015 OF: 059

TOTAL PAGE FOOTAGE:	503'
TOTAL UNDER PAVEMENT:	80'



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PERMITTING

JURISDICTION:

• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



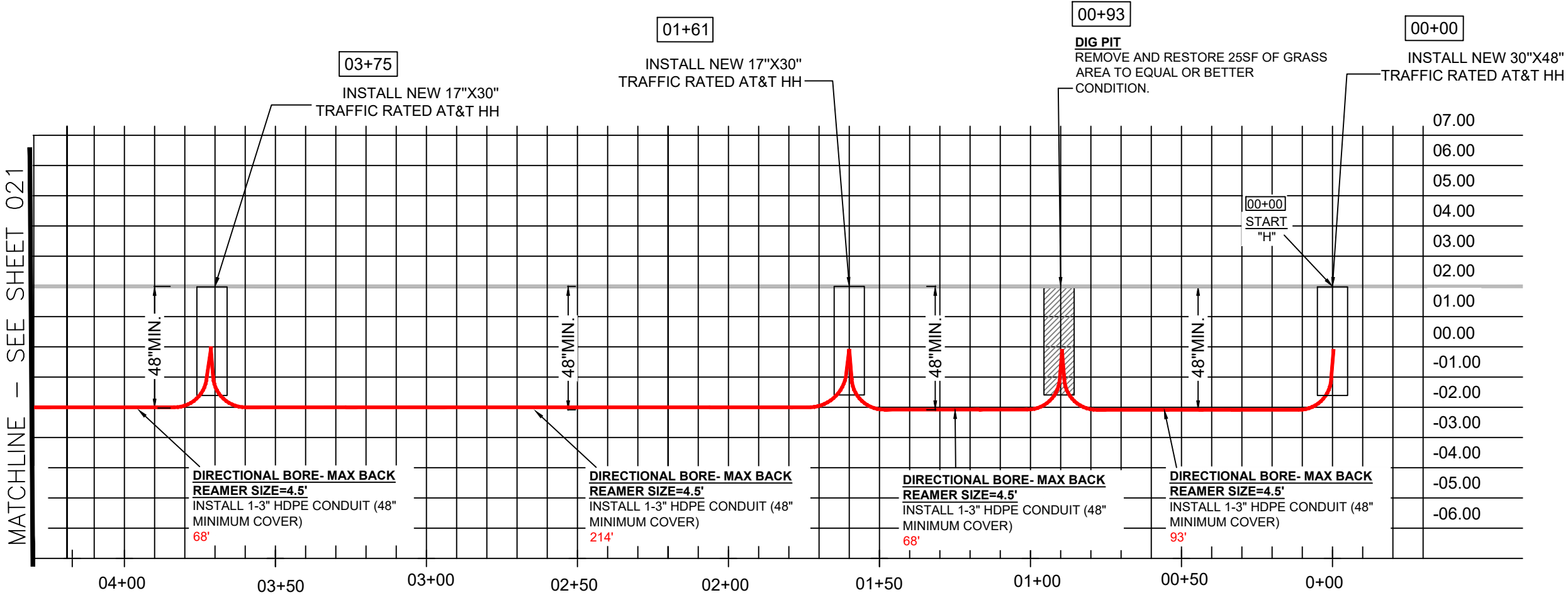
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS: 4418 S OCEAN BLVD		
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166	
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE: 1:50	PAGE: 016	OF: 059

PROFILE - BEL AIR DR

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1" =10'

BEL AIR DR
LOOKING: NORTH

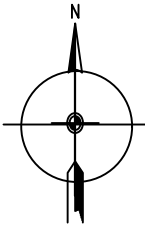


03+75 END DIRECTIONAL BORE
03+75 17X30X24 HH
03+75 BEGIN DIRECTIONAL BORE
68'

01+61 END DIRECTIONAL BORE
01+61 17X30X24 HH
01+61 BEGIN DIRECTIONAL BORE
214'

00+93 END DIRECTIONAL BORE
00+93 PROPOSED DIG PIT
00+93 BEGIN DIRECTIONAL BORE
68'

00+00 START H
00+00 30X48X36 HH
00+00 BEGIN DIRECTIONAL BORE
93'



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PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS:
4418 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER ENG PH #: 305-929-2166

JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL

FILE NAME:
1W842020N_HIGHLAND BEACH CITY

SCALE: 1:40 PAGE: 017 OF: 059

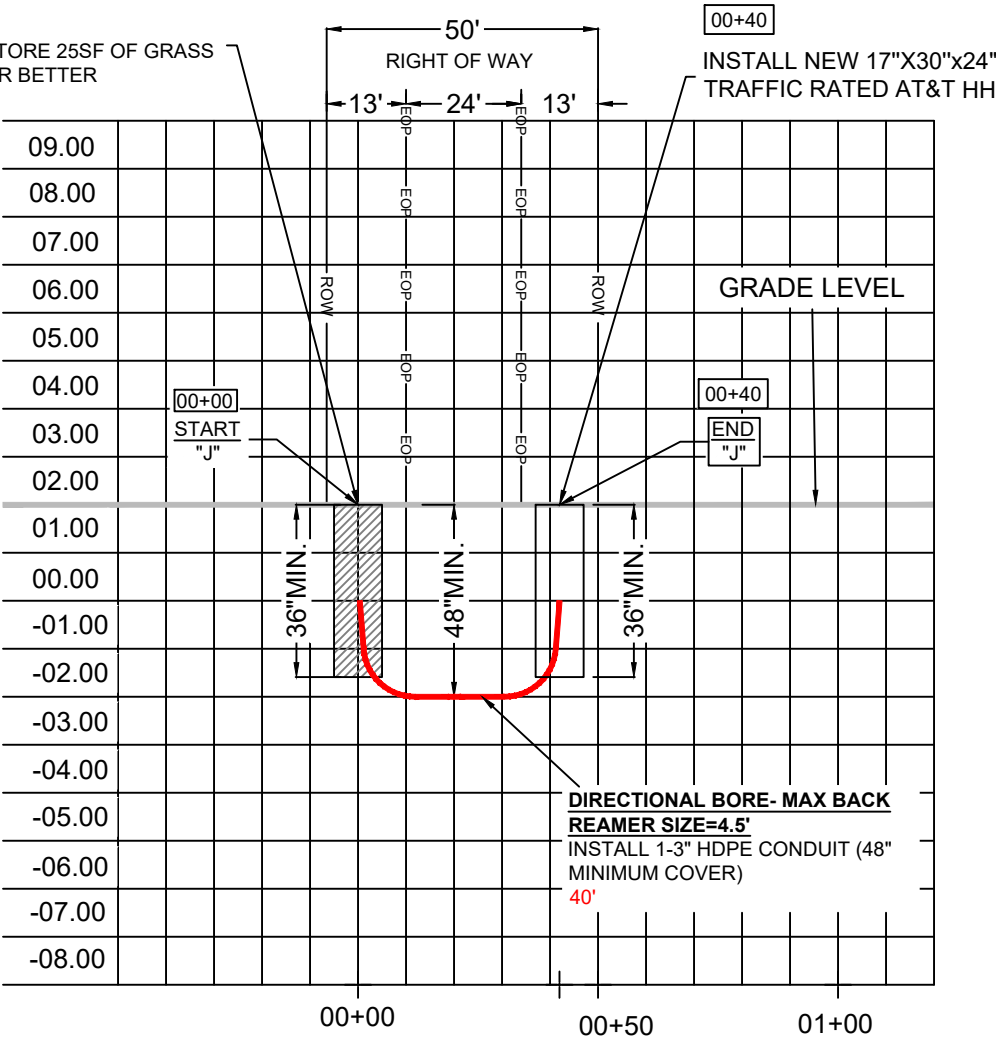
CROSS SECTION - VIEW "J"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

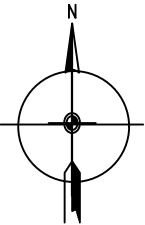
BEL AIR DR
LOOKING: WEST

00+00

DIG PIT
REMOVE AND RESTORE 25SF OF GRASS
AREA TO EQUAL OR BETTER
CONDITION.



00+00 START J
00+00 PROPOSED DIG PIT
00+00 BEGIN DIRECTIONAL BORE
40'
00+40 END DIRECTIONAL BORE
00+40 17X30X24"HH
00+40 END J



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PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

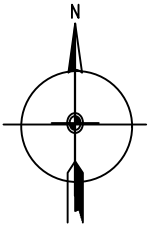
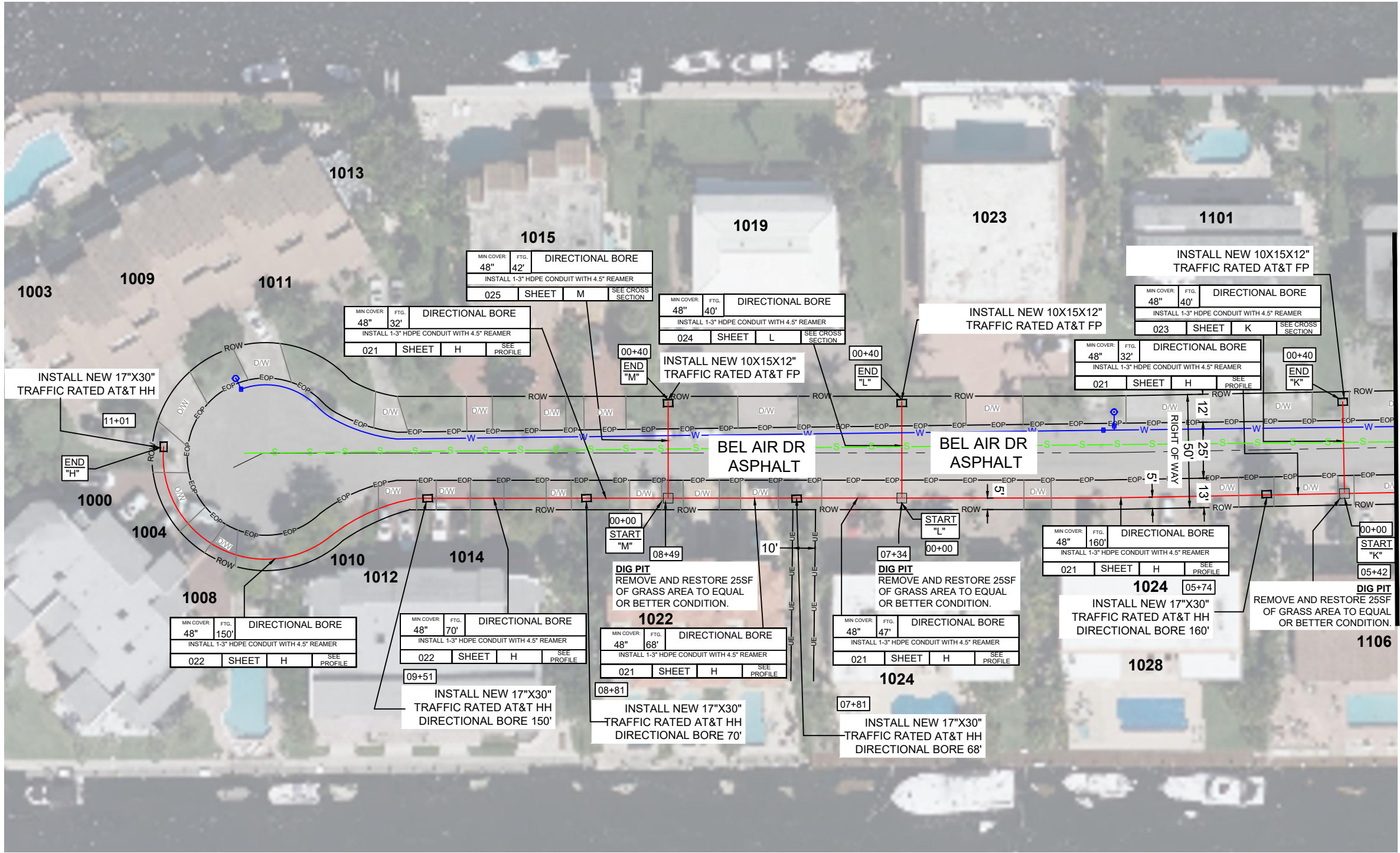
STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS: 4418 S OCEAN BLVD		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE: 019 OF: 059

TOTAL PAGE FOOTAGE:	581'
TOTAL UNDER PAVEMENT:	120'



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PERMITTING

JURISDICTION:	
• HIGHLAND BEACH CITY	

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

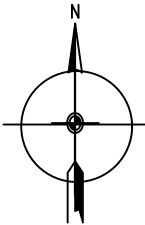
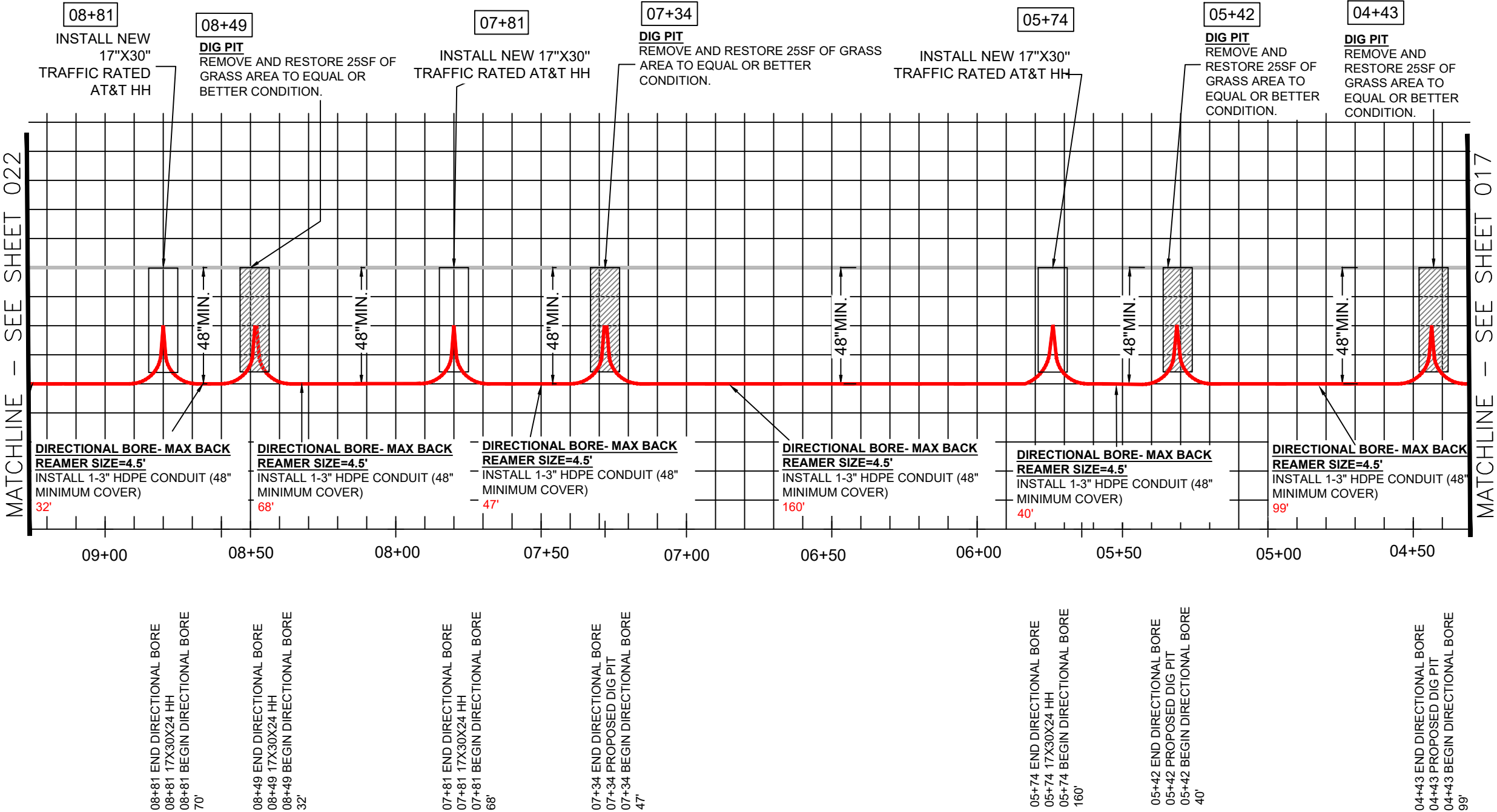
	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

PROJECT ADDRESS: 4418 S OCEAN BLVD		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY	
SCALE:	1:50	PAGE: 020 OF: 059

PROFILE - BEL AIR DR

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1"=10"

BEL AIR DR
LOOKING: NORTH



ATTSE


PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

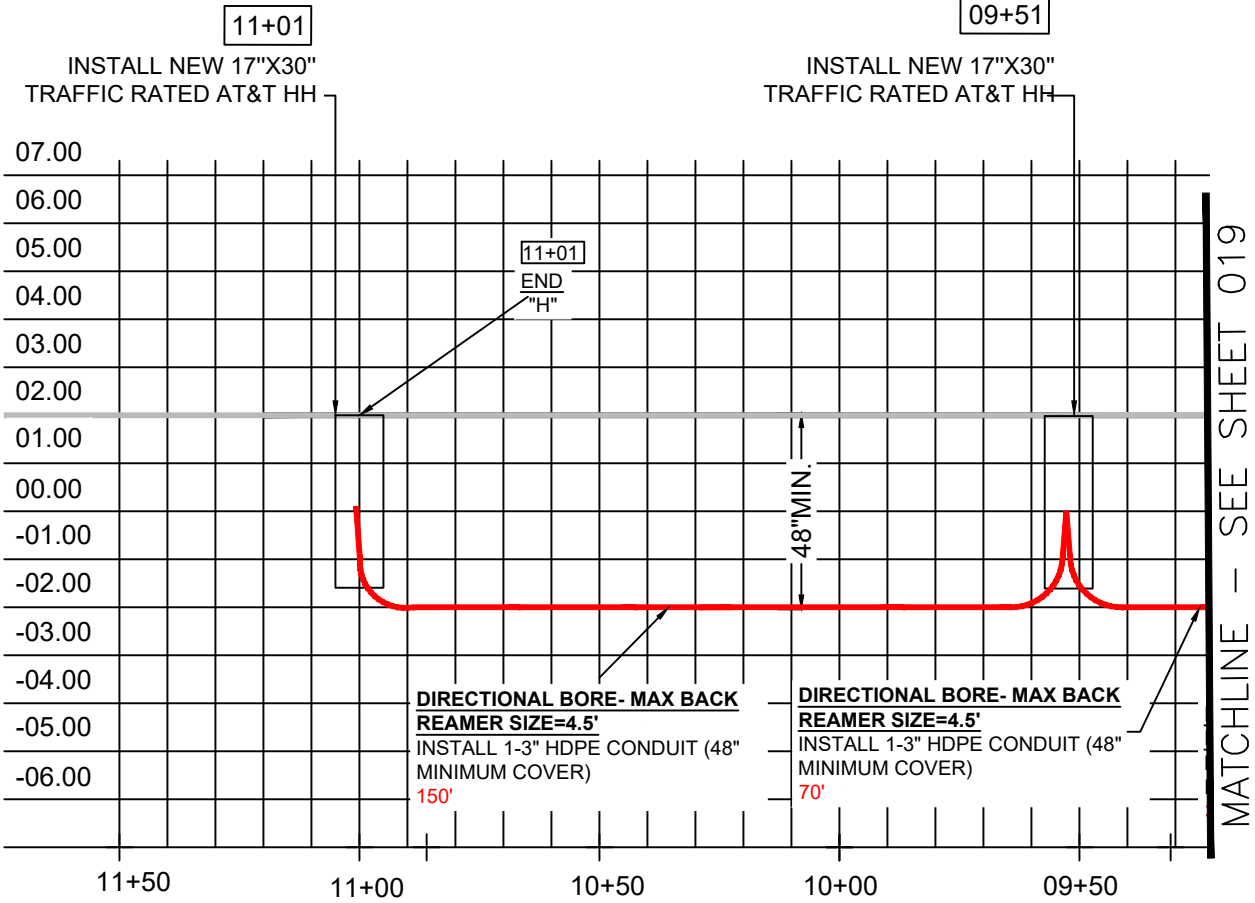
 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04

PROJECT ADDRESS: 4418 S OCEAN BLVD	
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY	
SCALE: 1:40	PAGE: 021 OF: 059

PROFILE - BEL AIR DR

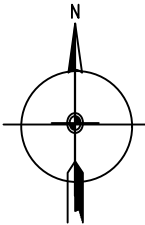
HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

BEL AIR DR
LOOKING: NORTH



11+01 END DIRECTIONAL BORE
11+01 PROPOSED DIG PIT
11+01 END H

09+51 END DIRECTIONAL BORE
09+51 17X30X24 HH
09+51 BEGIN DIRECTIONAL BORE
150'



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:
PALM BEACH
CITY:
HIGHLAND BEACH
TOWNSHIP:
47S
RANGE:
43E
SECTION:
04

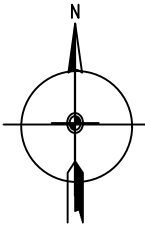
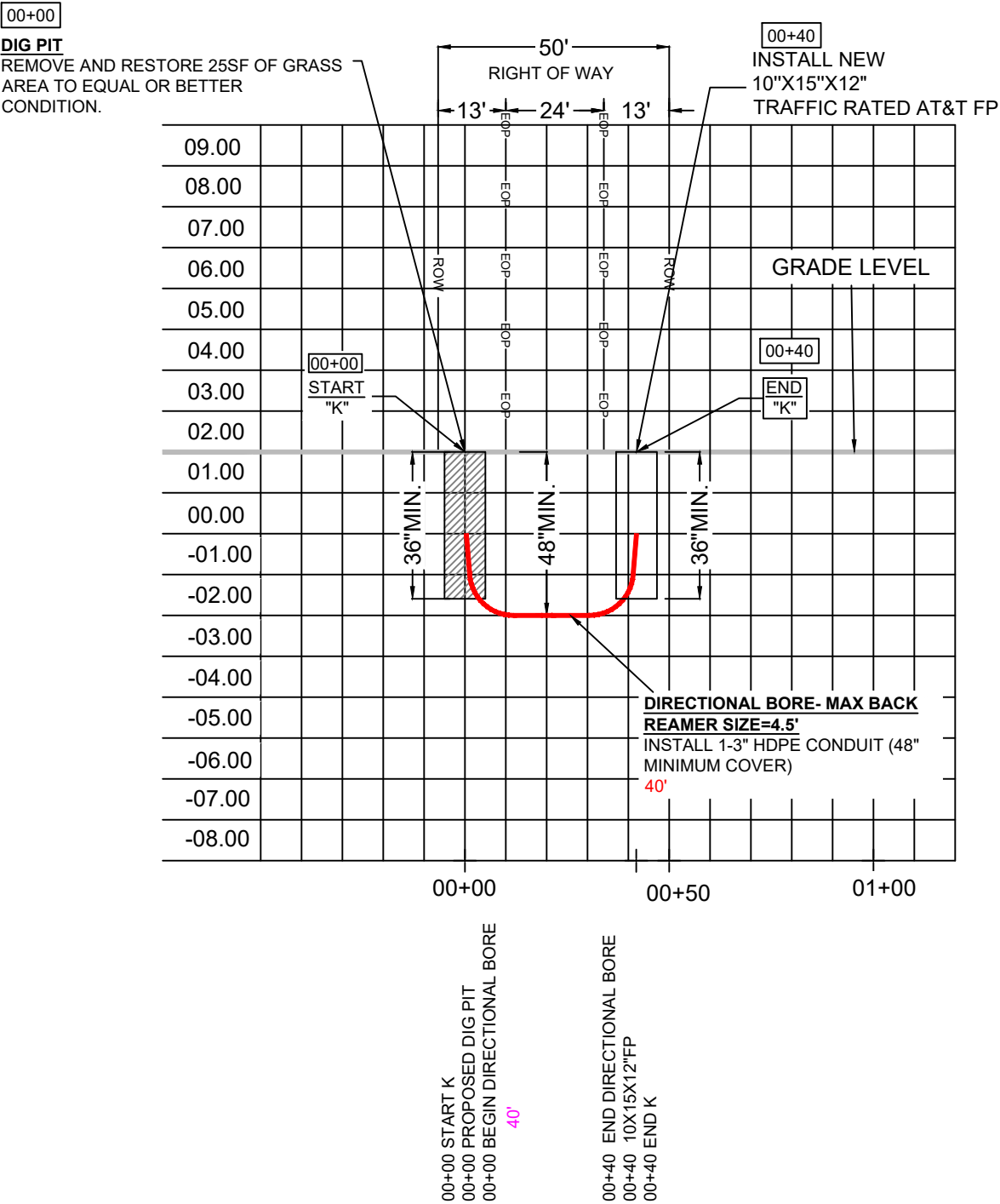
PROJECT ADDRESS:
4418 S OCEAN BLVD

ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE:	022
		OF:	059

CROSS SECTION - VIEW "K"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

BEL AIR DR
LOOKING: WEST



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

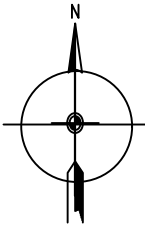
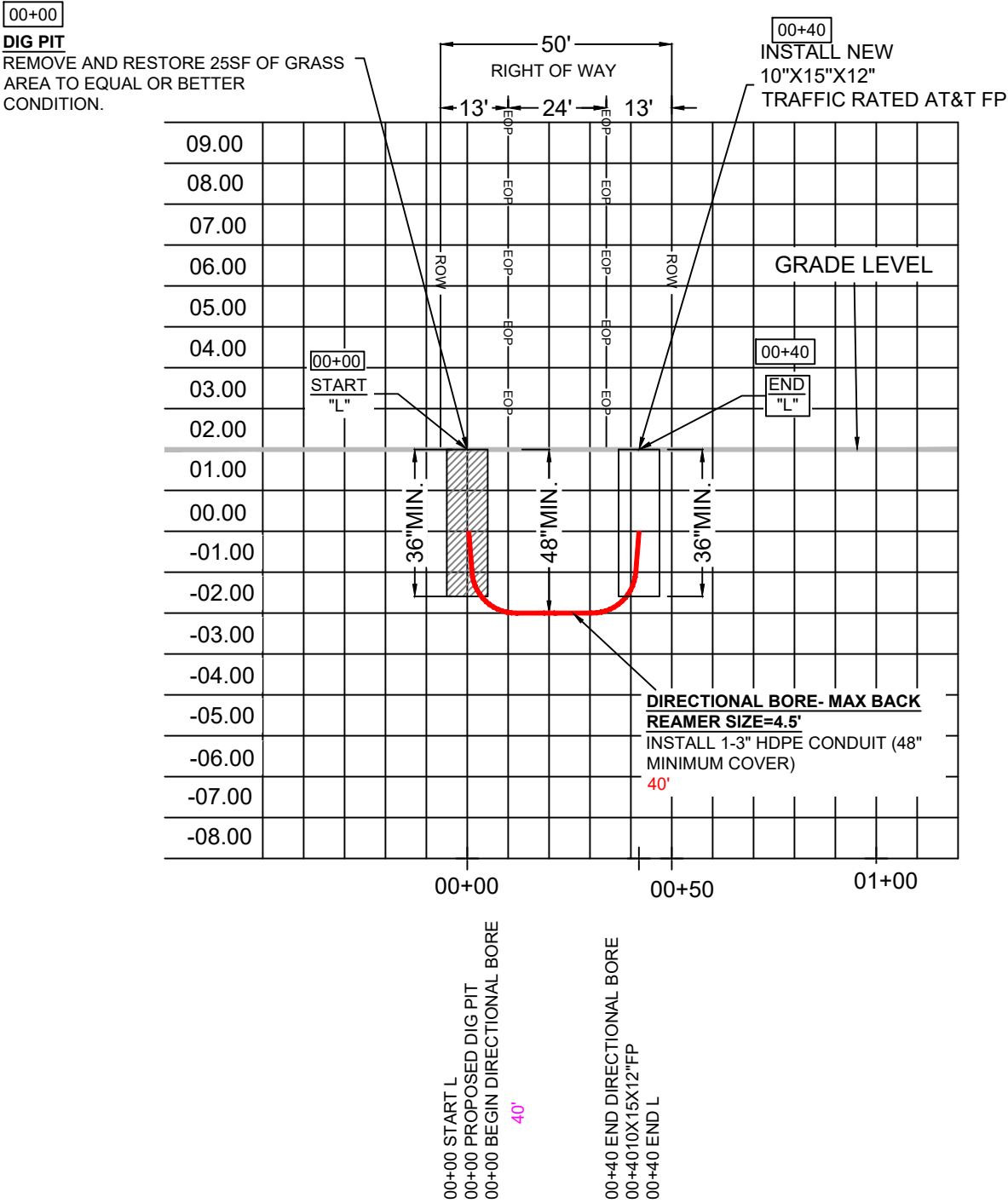
REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY: PALM BEACH	
	CITY: HIGHLAND BEACH	
	TOWNSHIP: 47S	
	RANGE: 43E	
	SECTION: 04	
PROJECT ADDRESS: 4418 S OCEAN BLVD		
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166	
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE: 1:40	PAGE: 023	OF: 059

CROSS SECTION - VIEW "L"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

BEL AIR DR
LOOKING: WEST



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY: PALM BEACH	
	CITY: HIGHLAND BEACH	
	TOWNSHIP: 47S	
	RANGE: 43E	
	SECTION: 04	
PROJECT ADDRESS: 4418 S OCEAN BLVD		
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166	
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE: 1:40	PAGE: 024	OF: 059

CROSS SECTION - VIEW "M"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

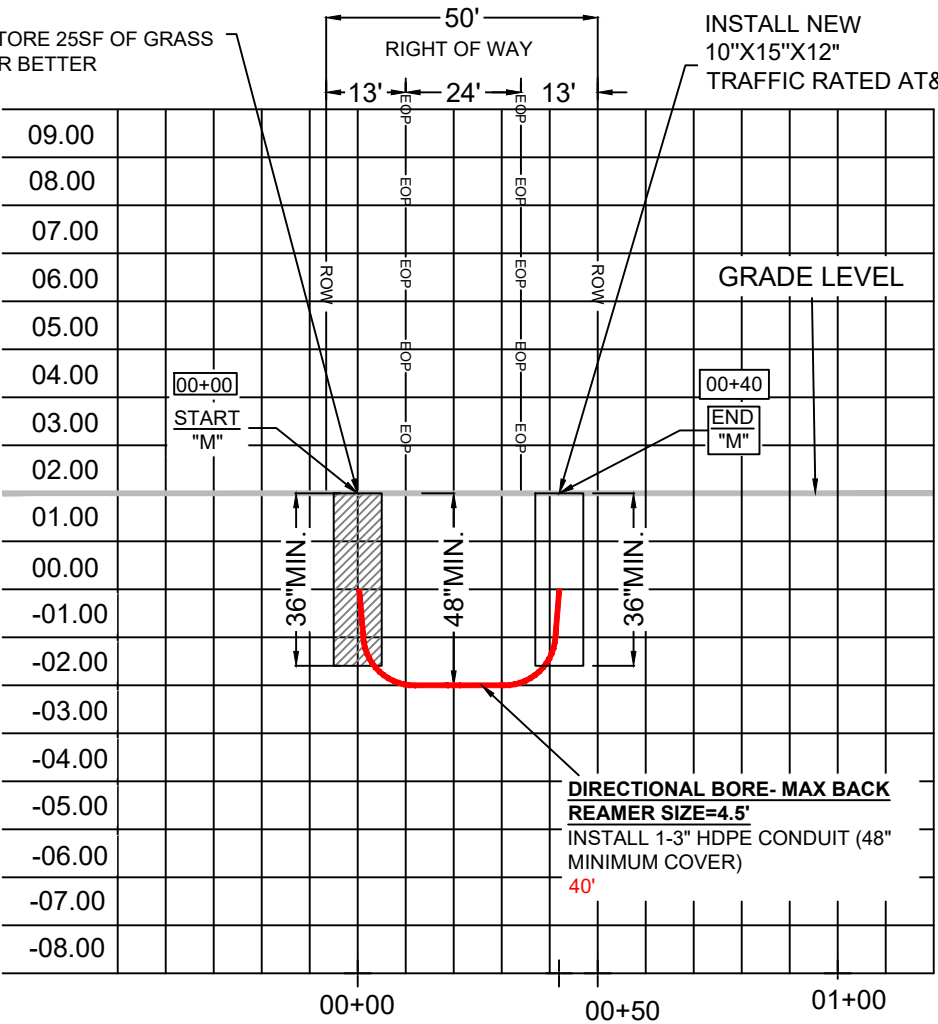
BEL AIR DR
LOOKING: WEST

00+00

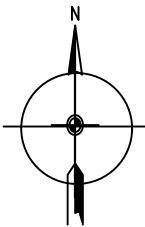
DIG PIT
REMOVE AND RESTORE 25SF OF GRASS
AREA TO EQUAL OR BETTER
CONDITION.

00+40

INSTALL NEW
10"X15"X12"
TRAFFIC RATED AT&T FP



00+00 START M
00+00 PROPOSED DIG PIT
00+00 BEGIN DIRECTIONAL BORE
40'
00+40 END DIRECTIONAL BORE
00+40 10X15X12"FP
00+40 END M



ATTSE

PERMITTING

JURISDICTION:

• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

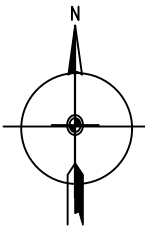
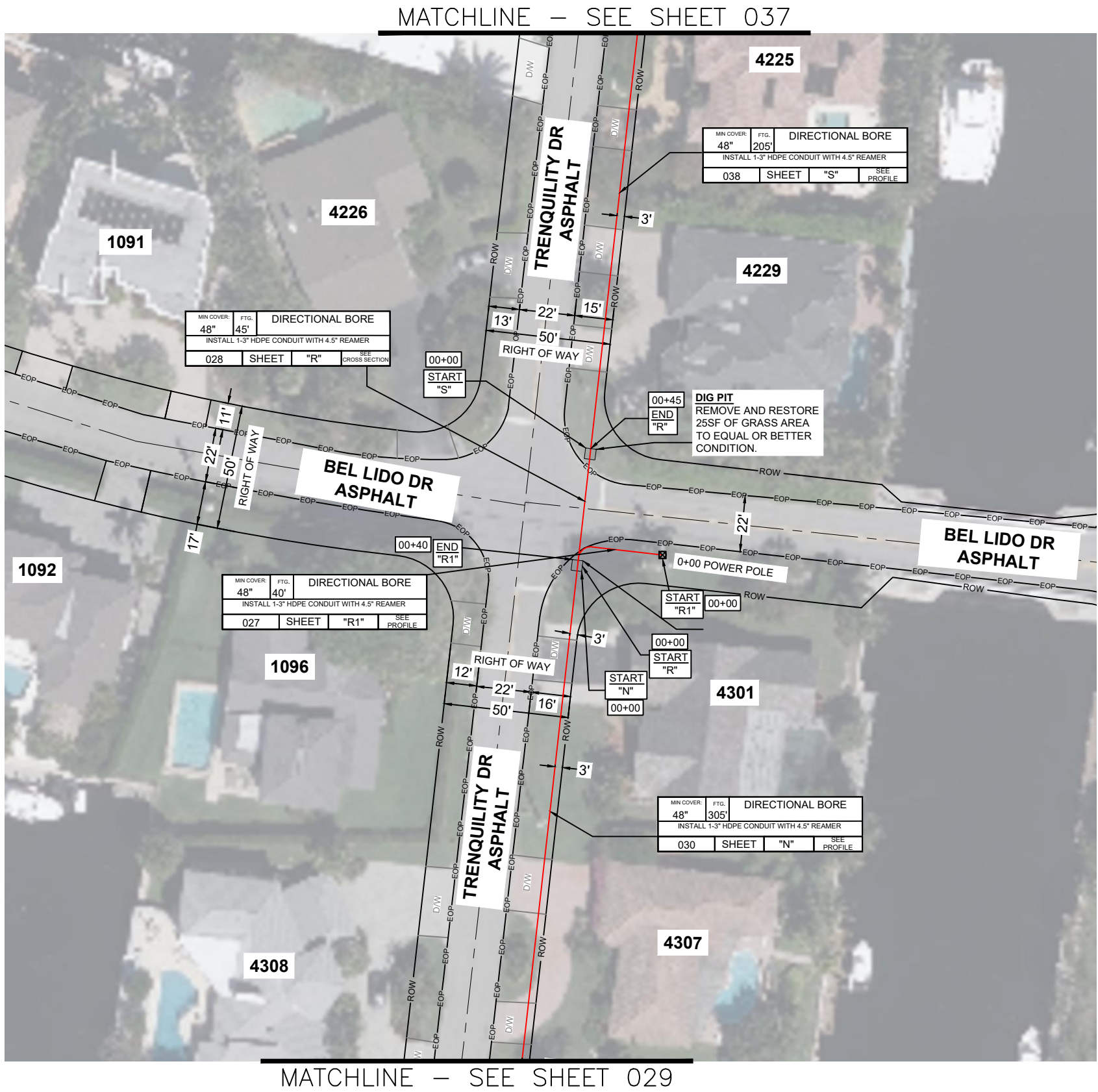
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS: 4418 S OCEAN BLVD		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE: 025 OF: 059

TOTAL PAGE FOOTAGE:	481'
TOTAL UNDER PAVEMENT:	45'



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

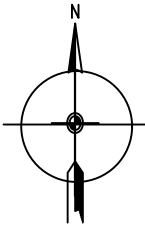
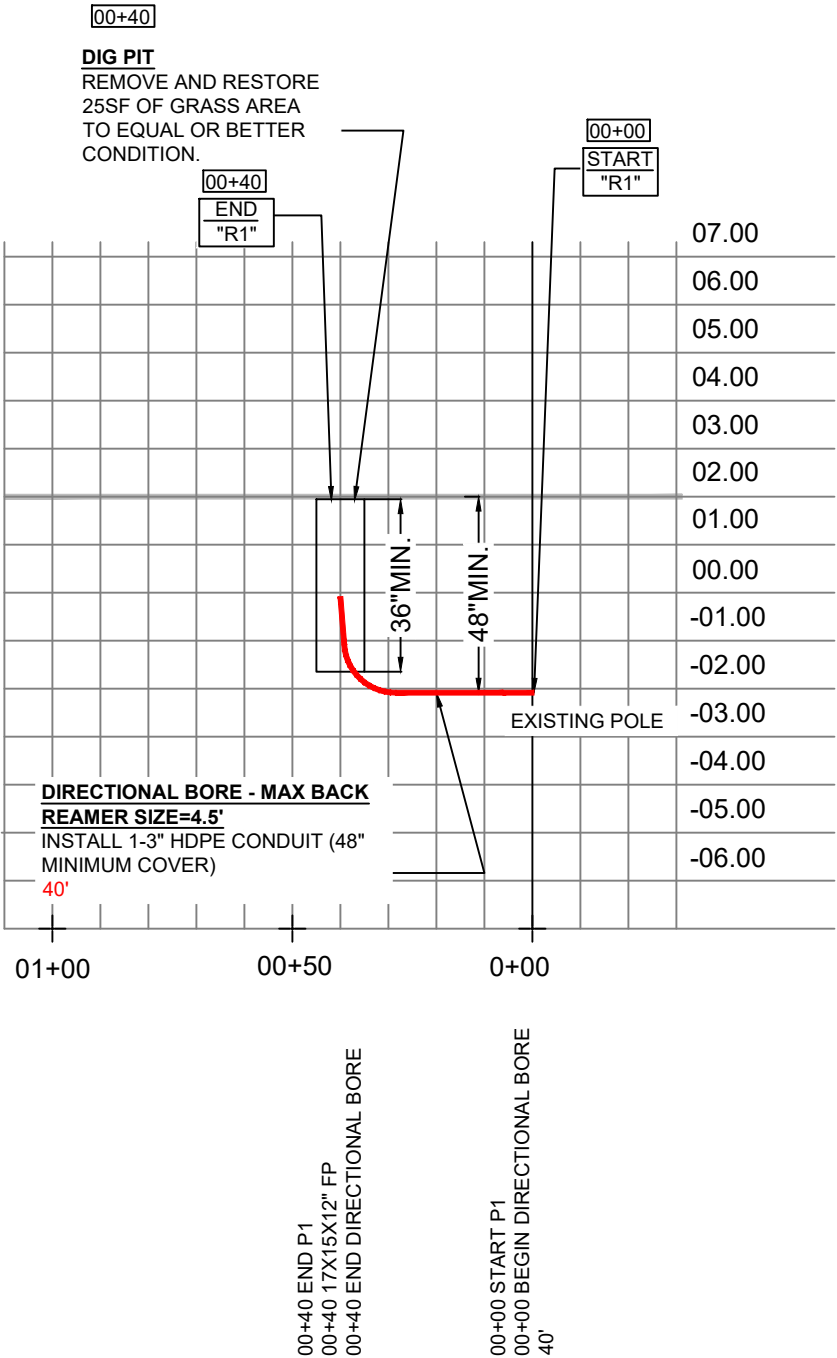
PROJECT ADDRESS:
4301 TRANQUILITY DR

ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:50	PAGE:	026
		OF:	059

PROFILE VIEW 'R1' - BEL LIDO DR

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

BEL LIDO DR
LOOKING: NORTH



ATTSE

PERMITTING

JURISDICTION:

• HIGHLAND BEACH CITY

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

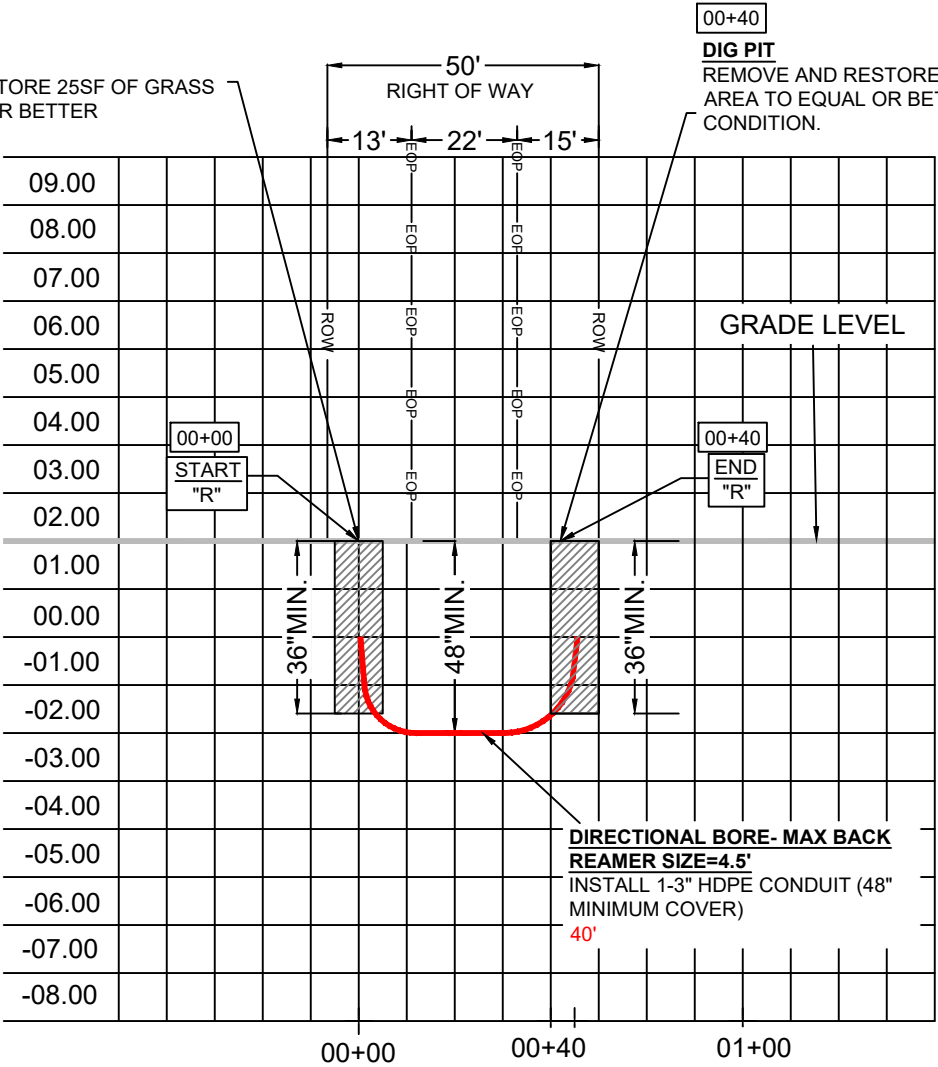
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	CITY: HIGHLAND BEACH	
	TOWNSHIP: 47S	
	RANGE: 43E	
	SECTION: 04	
PROJECT ADDRESS: 4301 TRANQUILITY DR		
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166	
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE: 1:40	PAGE: 027	OF: 059

CROSS SECTION - VIEW "R"

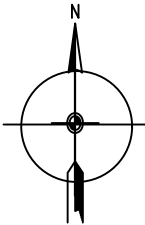
HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

TRENQUILITY DR
LOOKING: WEST

DIG PIT
REMOVE AND RESTORE 25SF OF GRASS
AREA TO EQUAL OR BETTER
CONDITION.



00+00 START R
00+00 PROPOSED DIG PIT
00+00 BEGIN DIRECTIONAL BORE
00+40 END DIRECTIONAL BORE
00+40 PROPOSED DIG PIT
00+40 END Q



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHLMA

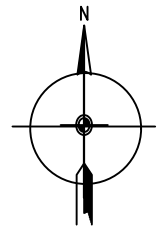
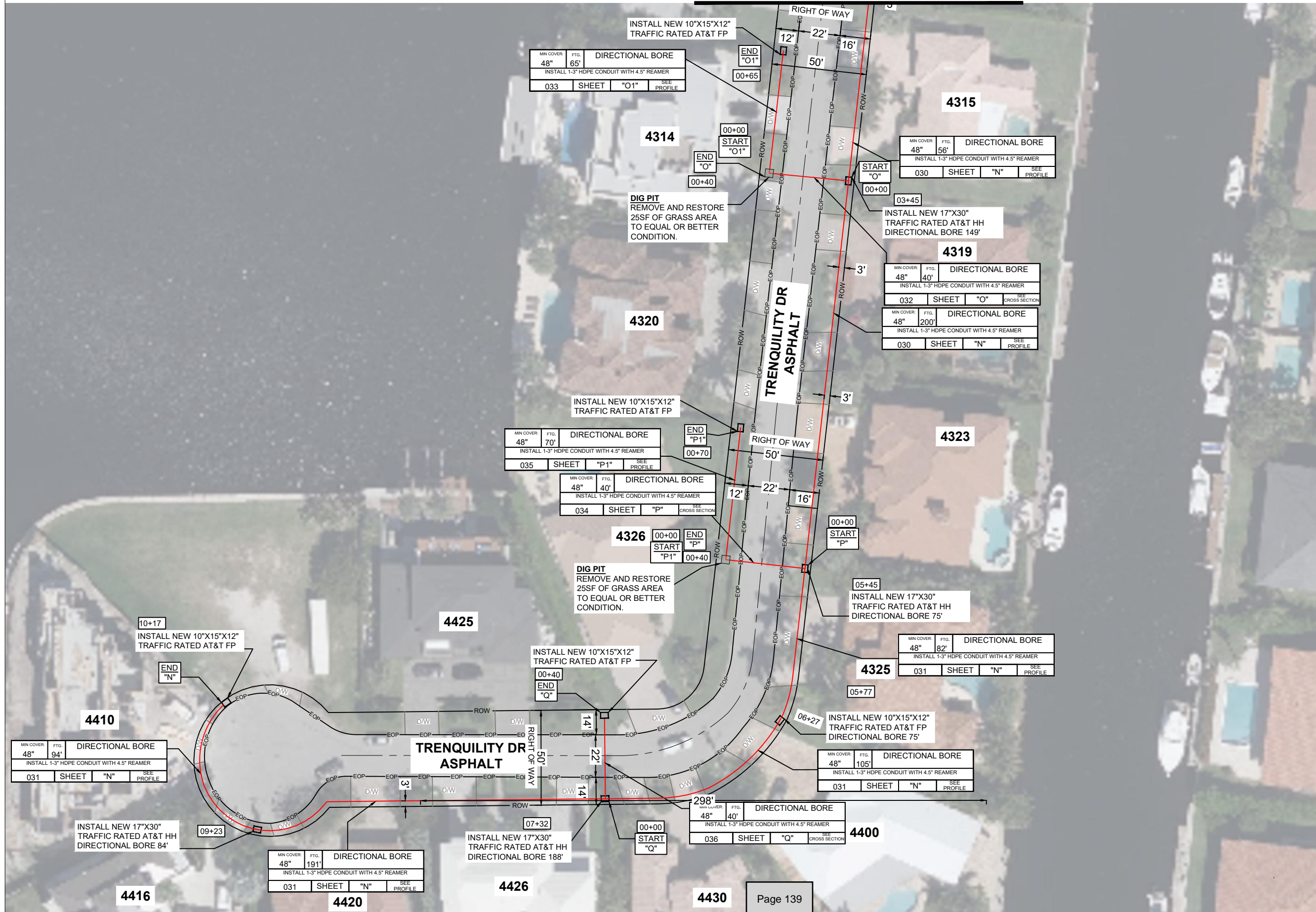
REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		4301 TRANQUILITY DR
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:		1W842020N_HIGHLAND BEACH CITY
SCALE:	1:40	PAGE: 028 OF: 059

TOTAL PAGE FOOTAGE:	893'
TOTAL UNDER PAVEMENT:	120'

MATCHLINE – SEE SHEET 026



ATTSE

PERMITTING

JURISDICTION:	
• HIGHLAND BEACH CITY	

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

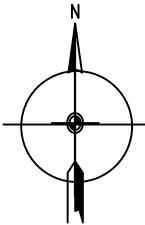
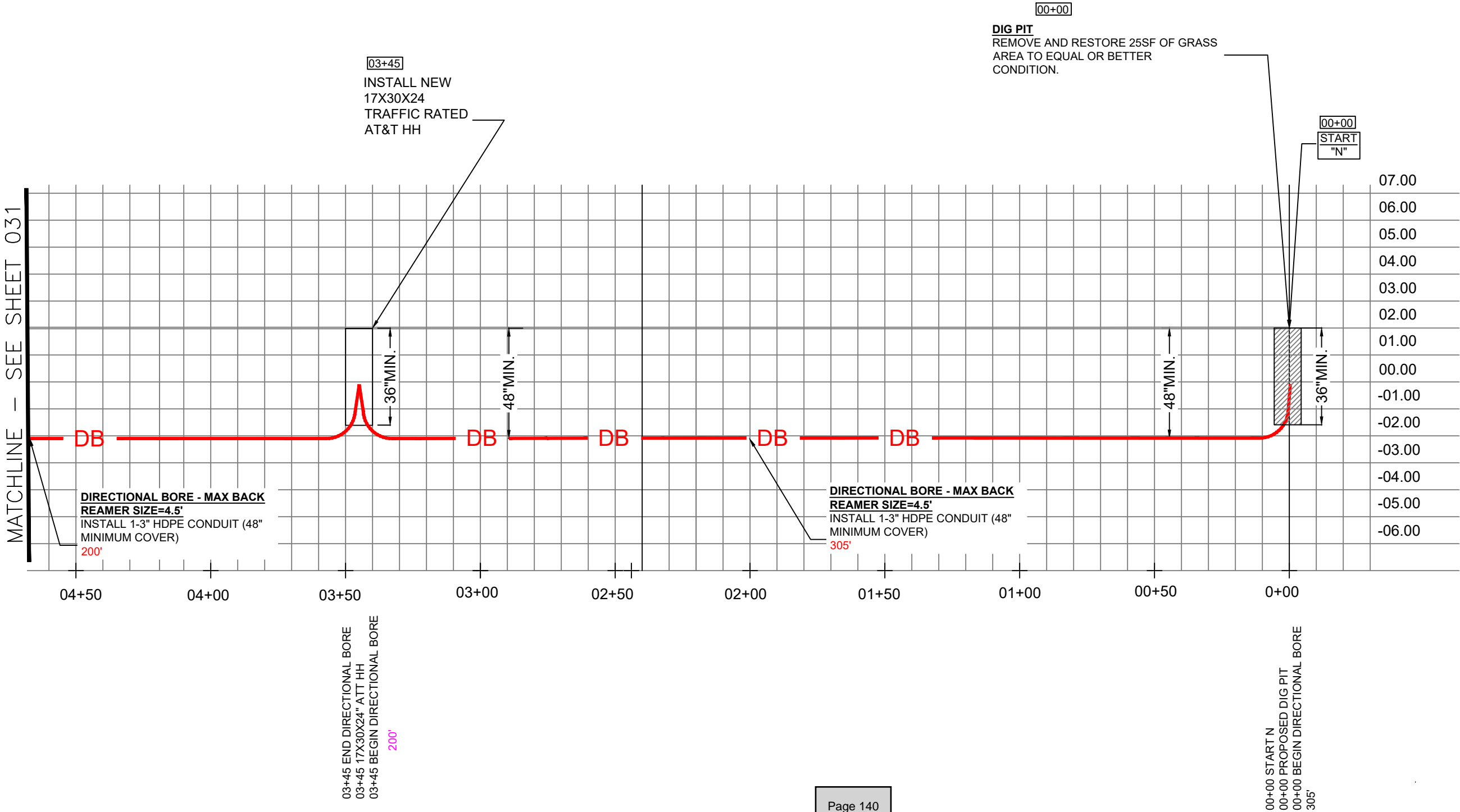
PROJECT ADDRESS:	4301 TRANQUILITY DR
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ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:50	PAGE:	029
		OF:	059

PROFILE VIEW 'N' - TRENQUILITY DR

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

TRNQUILITY DR
LOOKING: WEST



ATTSE


PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

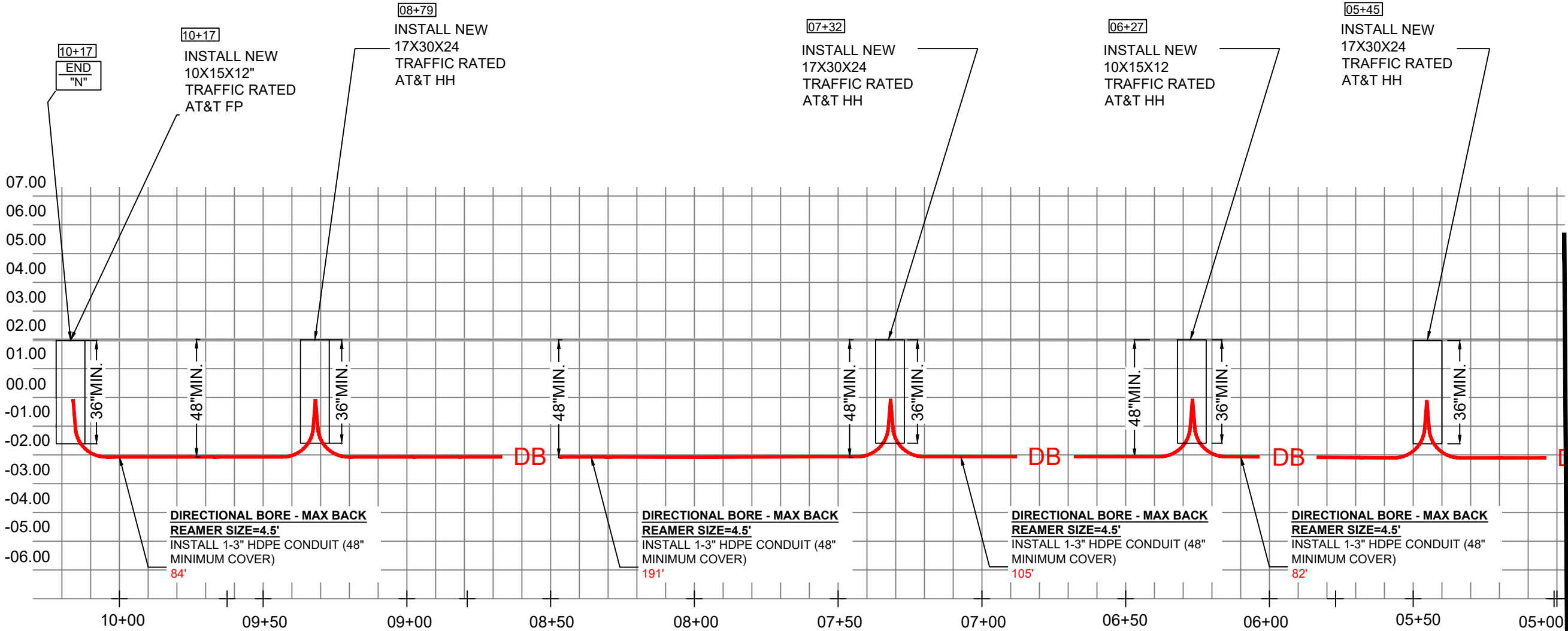
 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

PROJECT ADDRESS: 4301 TRANQUILITY DR		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY	
SCALE:	1:40	PAGE: 030 OF: 059

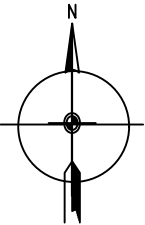
PROFILE VIEW 'N' - TRENQUILITY DR

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

TRNQUILITY DR
LOOKING: WEST



MATCHLINE - SEE SHEET 028



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS:
4301 TRANQUILITY DR

ENGINEER: HERNANDEZ, JAVIER ENG PH #: 305-929-2166

JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL

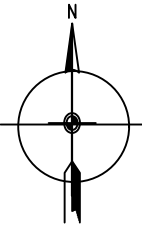
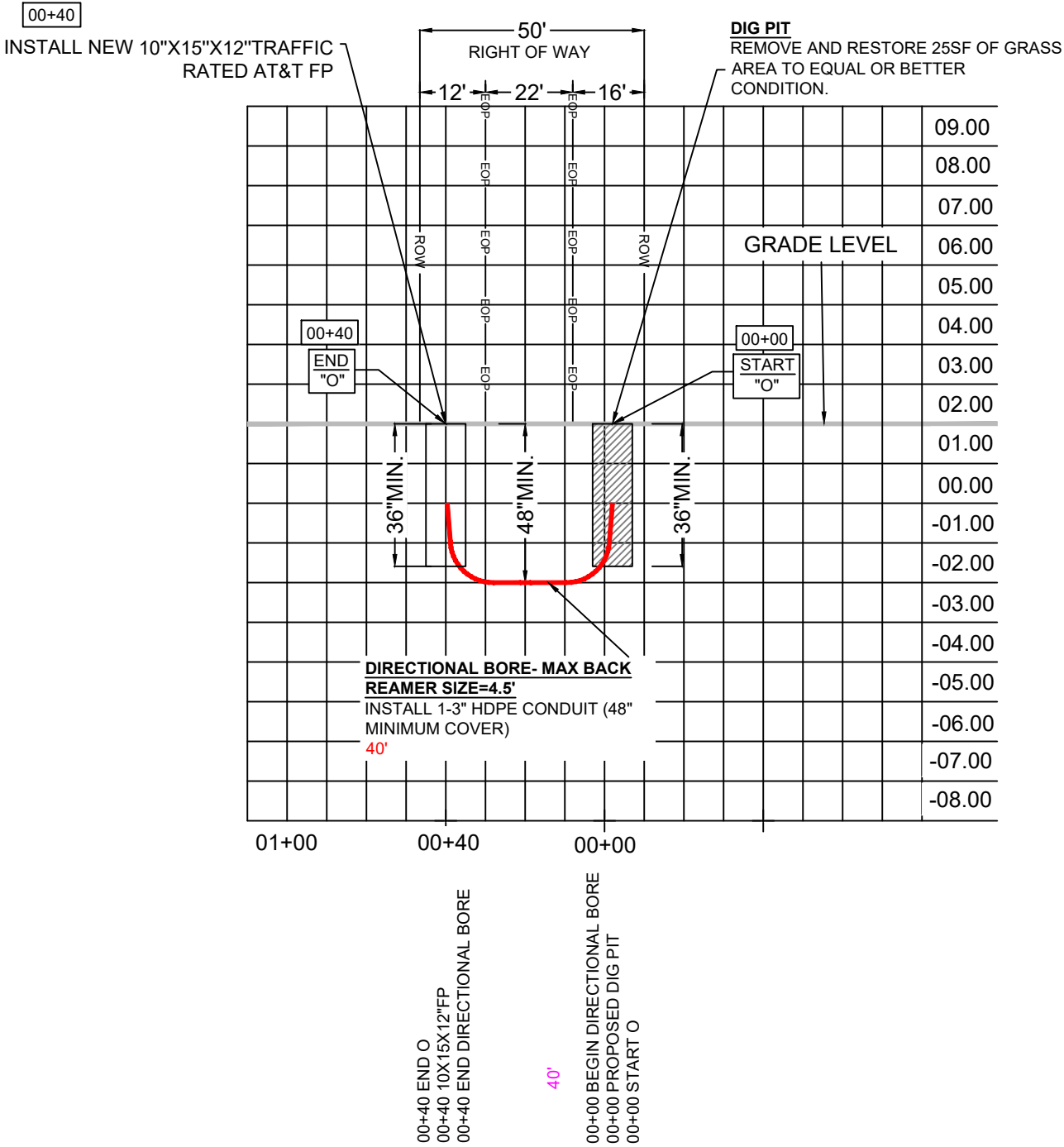
FILE NAME:
1W842020N_HIGHLAND BEACH CITY

SCALE: 1:40 PAGE: 031 OF: 059

CROSS SECTION - VIEW "O"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

TRENQUILITY DR
LOOKING: NORTH



ATTSE


PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

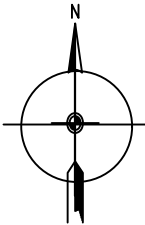
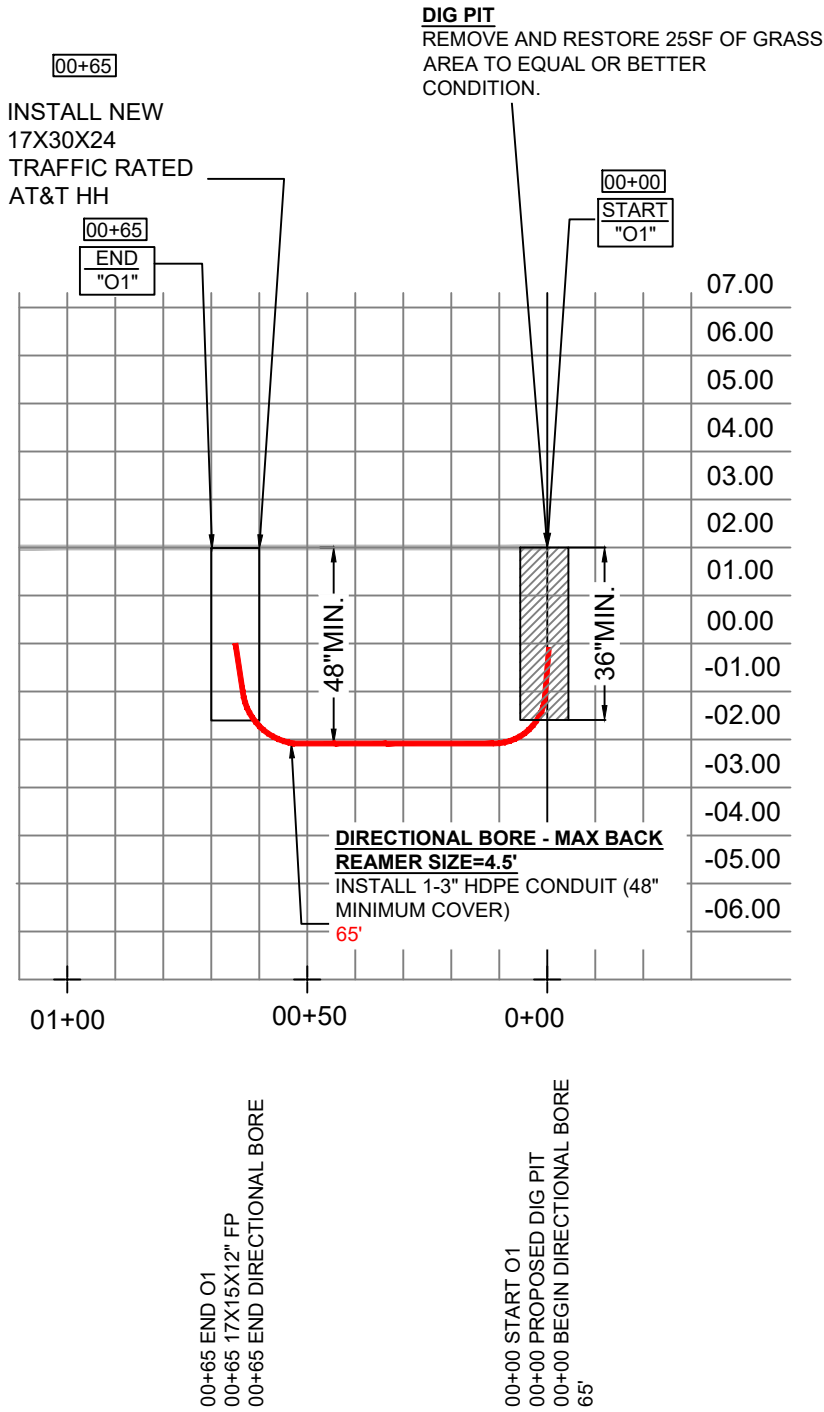
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS: 4301 TRANQUILITY DR		
ENGINEER:	HERNANDEZ, JAVIER	
JOB NUMBER:	1W842020N	ENG PH #: 305-929-2166
FILE NAME:	1W842020N_HIGHLAND BEACH CITY	
SCALE:	1:40	PAGE: 032 OF: 059

PROFILE VIEW 'O1' - TRENQUILITY DR

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

TRNQUILITY DR
LOOKING: WEST



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

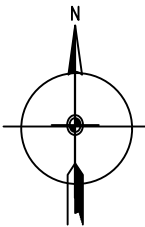
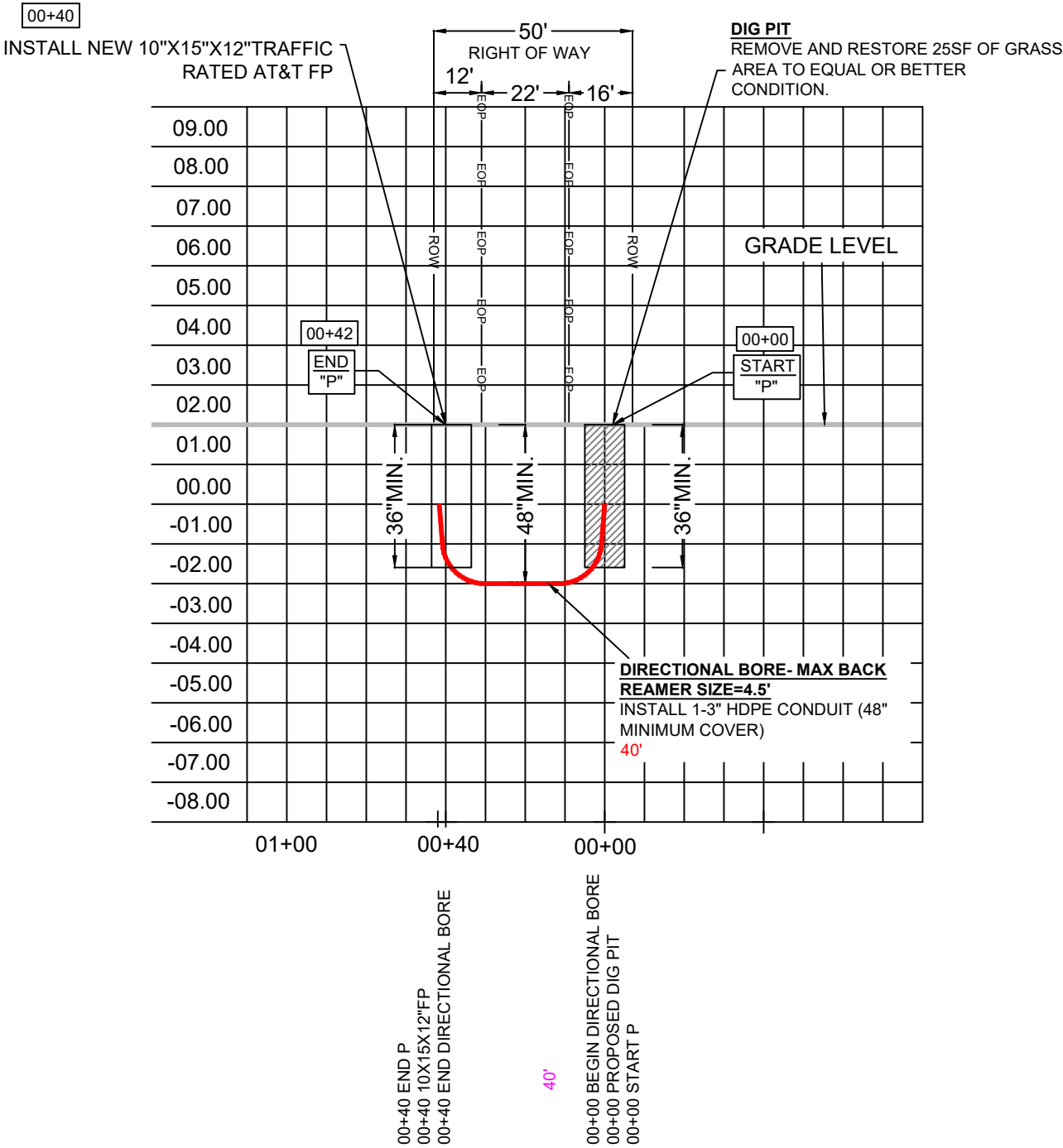
REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY: PALM BEACH	
	CITY: HIGHLAND BEACH	
	TOWNSHIP: 47S	
	RANGE: 43E	
	SECTION: 04	
PROJECT ADDRESS: 4301 TRANQUILITY DR		
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166	
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE: 1:40	PAGE: 033	OF: 059

CROSS SECTION - VIEW "P"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1"=10"

TRENQUILITY DR
LOOKING: NORTH



ATTSE

PERMITTING

JURISDICTION:	
• HIGHLAND BEACH CITY	

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

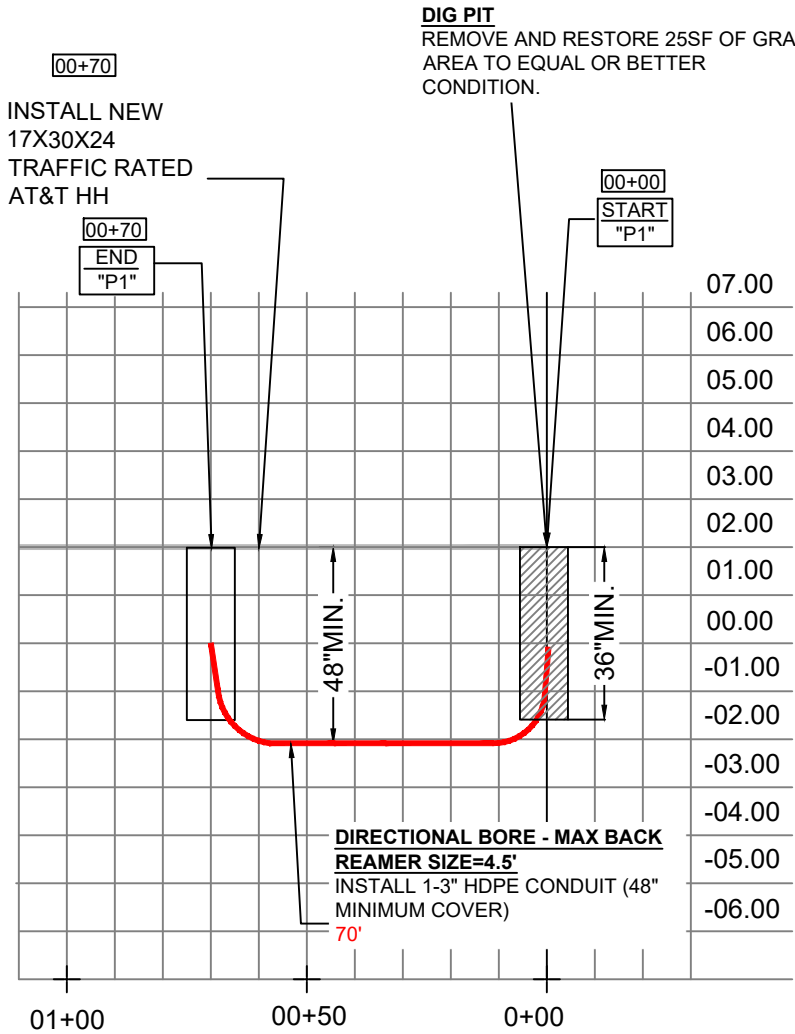
PROJECT ADDRESS:	4301 TRANQUILITY DR
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ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE:	034
		OF:	059

PROFILE VIEW 'P1' - TRENQUILITY DR

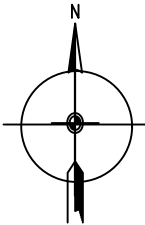
HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

TRNQUILITY DR
LOOKING: WEST



00+70 END P1
00+70 17X15X12" FP
00+70 END DIRECTIONAL BORE

00+00 START P1
00+00 PROPOSED DIG PIT
00+00 BEGIN DIRECTIONAL BORE
70'



ATTSE

PERMITTING

JURISDICTION:

• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		4301 TRANQUILITY DR
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE: 035 OF: 059

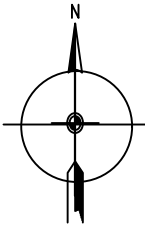
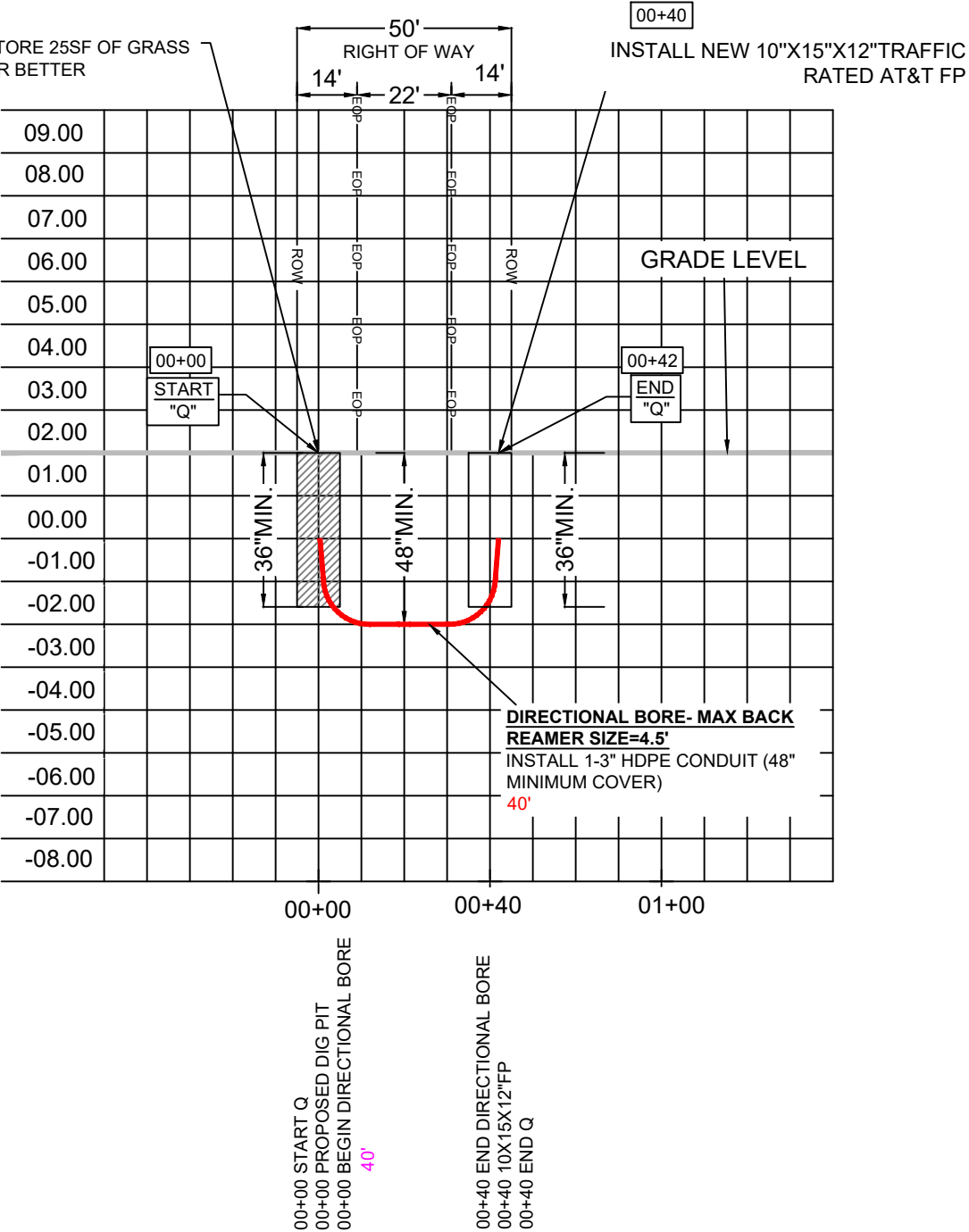
CROSS SECTION - VIEW "Q"

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1" =10"

TRENQUILITY DR
LOOKING: WEST

DIG PIT

REMOVE AND RESTORE 25SF OF GRASS
AREA TO EQUAL OR BETTER
CONDITION.



ATTSE

PERMITTING


JURISDICTION:

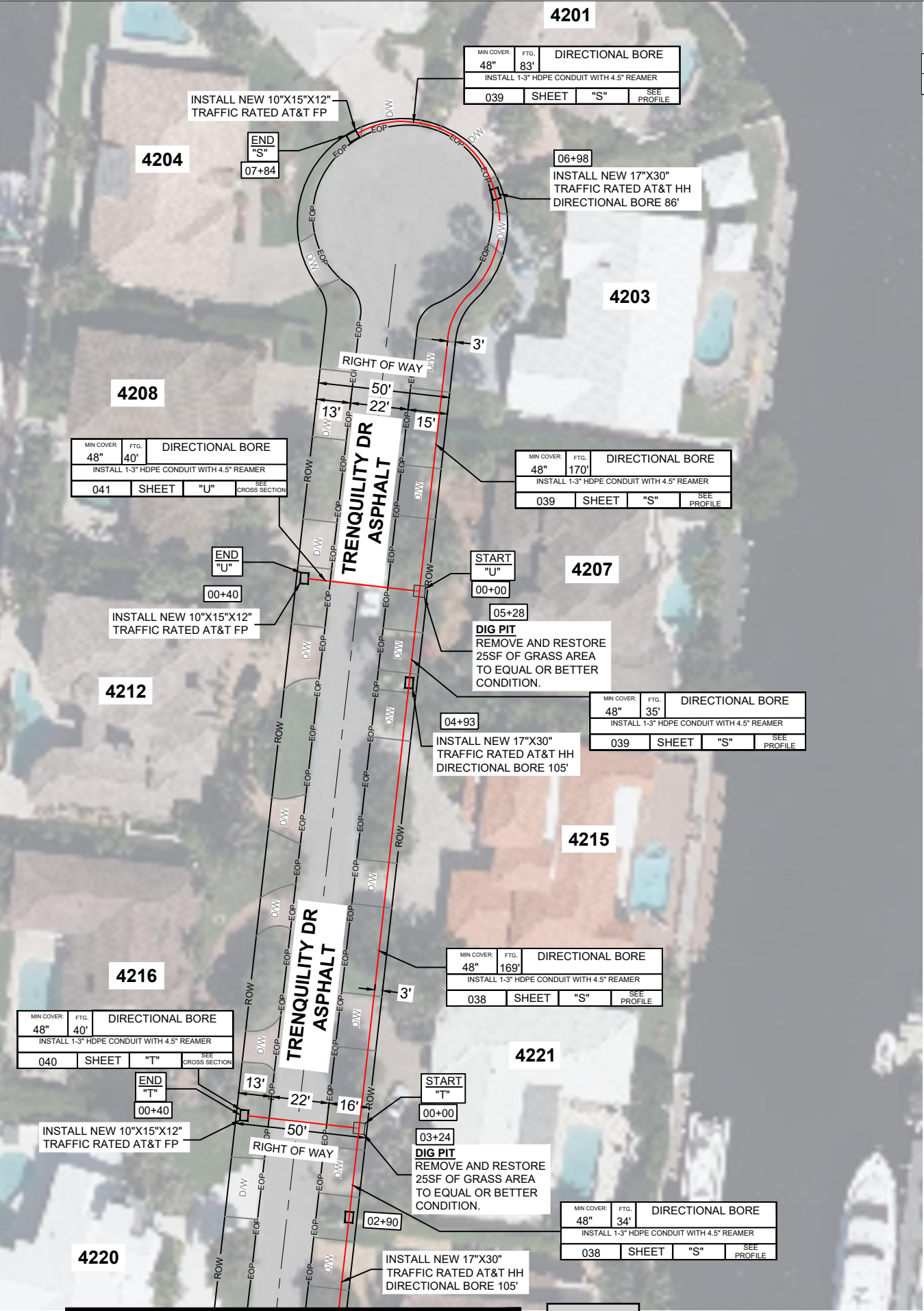
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

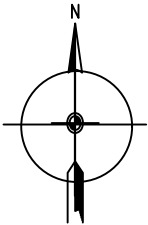
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS: 4301 TRANQUILITY DR		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE: 036 OF: 059



MATCHLINE – SEE SHEET 026

TOTAL PAGE FOOTAGE:	498'
TOTAL UNDER PAVEMENT:	80'



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	20

PROJECT ADDRESS:
525 SW 6TH AVE

ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
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JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
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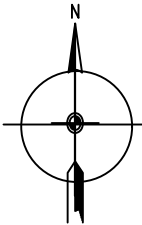
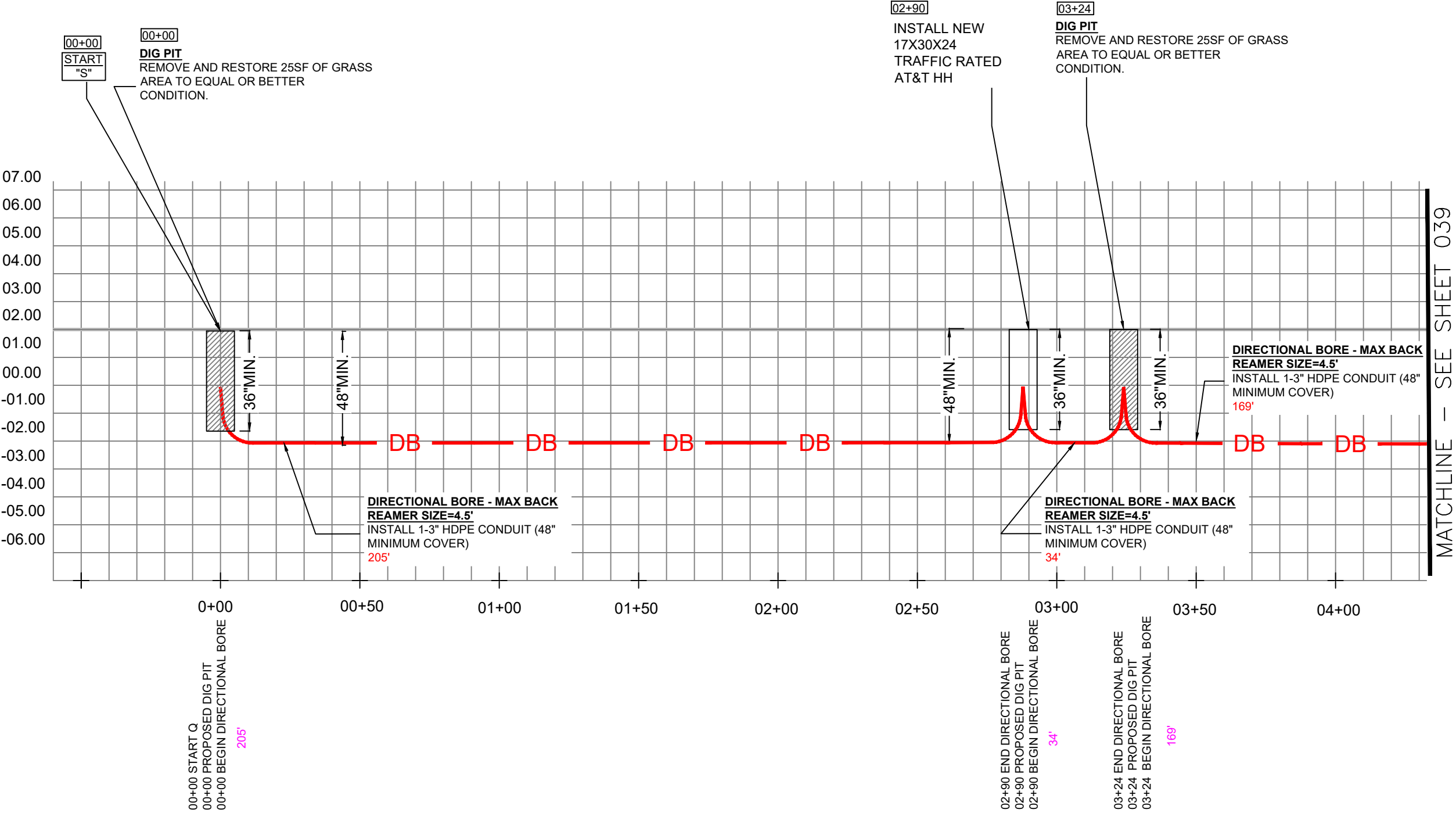
FILE NAME:
1W842020N_PALM BEACH COUNTY

SCALE:	1:50	PAGE:	037	OF:	059
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PROFILE VIEW 'S' - TRENQUILITY DR

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

TRNQUILITY DR
LOOKING: WEST



ATTSE

PERMITTING

JURISDICTION:

• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



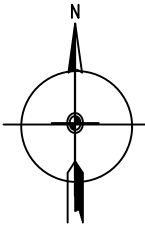
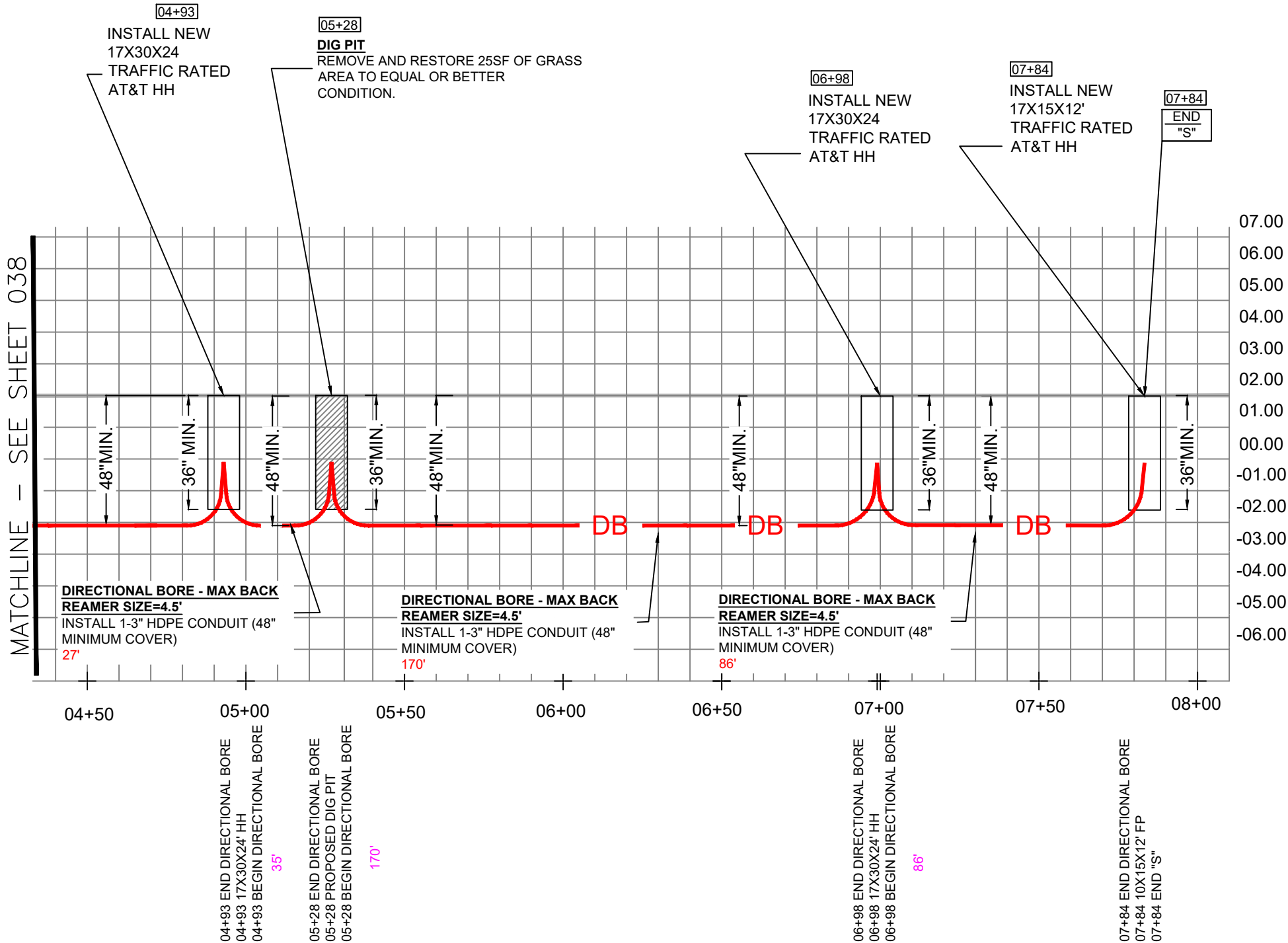
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS: 4301 TRANQUILITY DR		
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166	
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE: 1:40	PAGE: 038	OF: 059

PROFILE VIEW 'S' - TRENQUILITY DR

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

TRNQUILITY DR
LOOKING: WEST



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS:
4301 TRANQUILITY DR

ENGINEER: HERNANDEZ, JAVIER ENG PH #: 305-929-2166

JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL

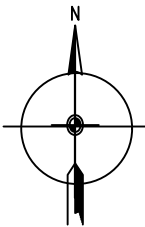
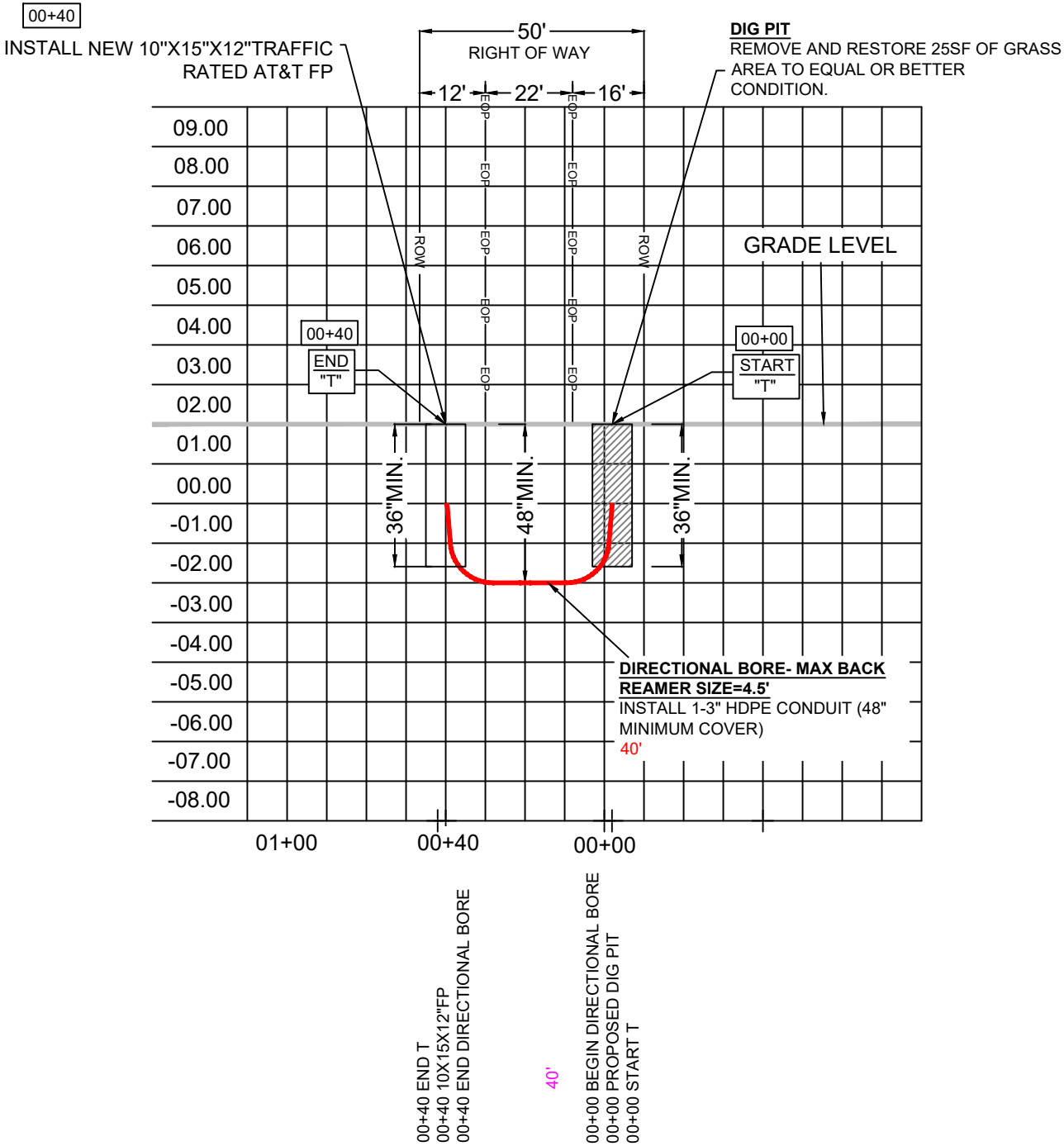
FILE NAME:
1W842020N_HIGHLAND BEACH CITY

SCALE: 1:40 PAGE: 039 OF: 059

CROSS SECTION - VIEW "T"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

TRENQUILITY DR
LOOKING: NORTH



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

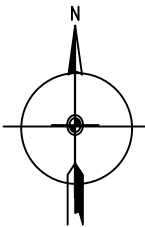
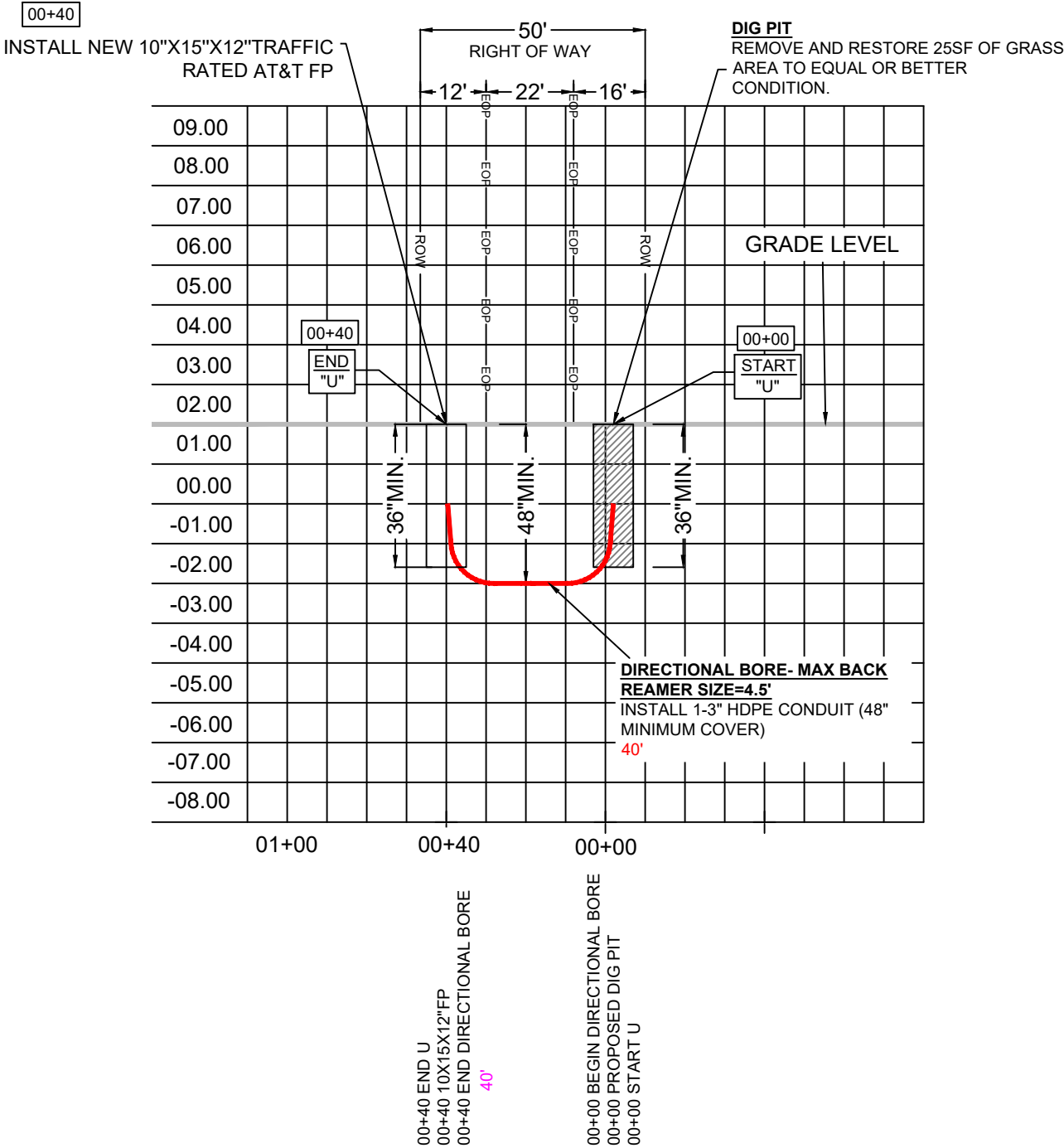
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	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

PROJECT ADDRESS: 4301 TRANQUILITY DR		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE: 040 OF: 059

CROSS SECTION - VIEW "U"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

TRENQUILITY DR
LOOKING: NORTH



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

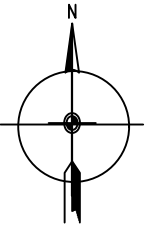
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		4301 TRANQUILITY DR
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE: 041 OF: 059



PB: 25/97

TOTAL PAGE FOOTAGE:	495'
TOTAL UNDER PAVEMENT:	80'



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

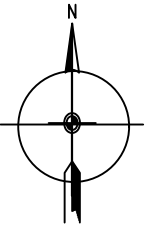
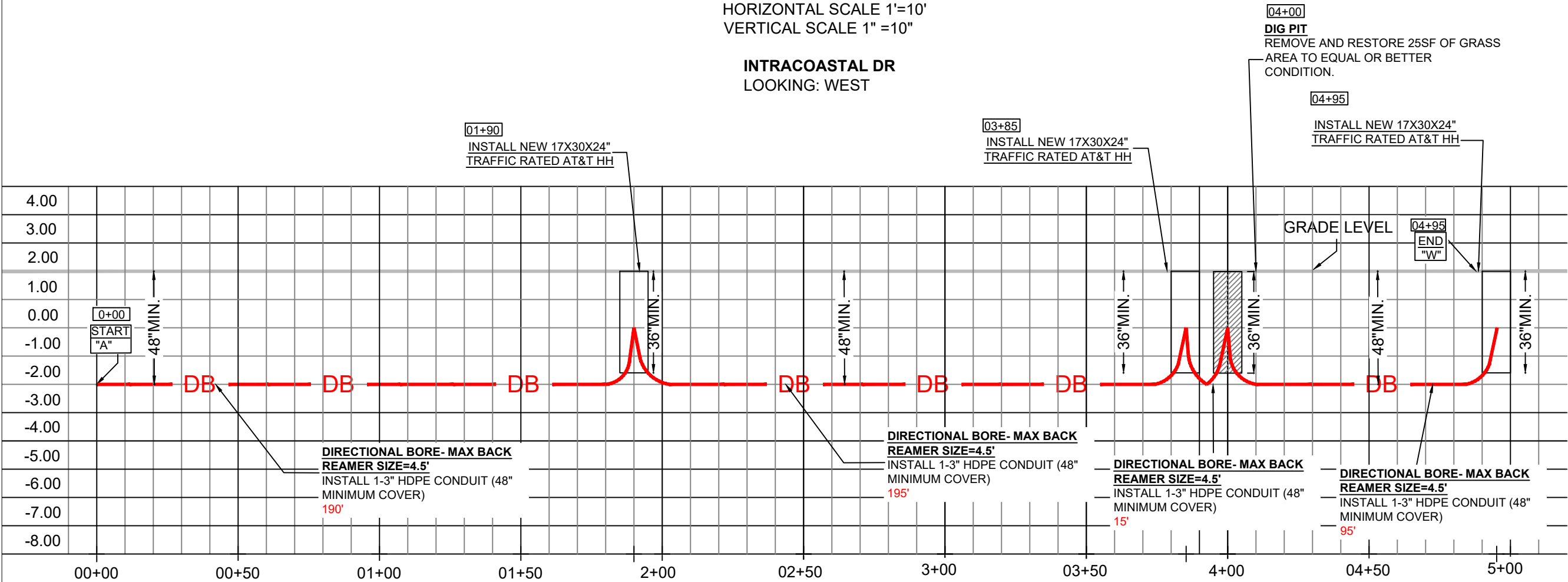
PROJECT ADDRESS:
4302 INTRACOASTAL DR

ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:50	PAGE:	042
		OF:	059

CROSS SECTION -VIEW "V"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

INTRACOASTAL DR
LOOKING: WEST



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

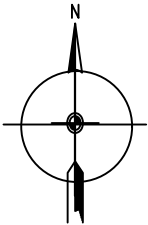
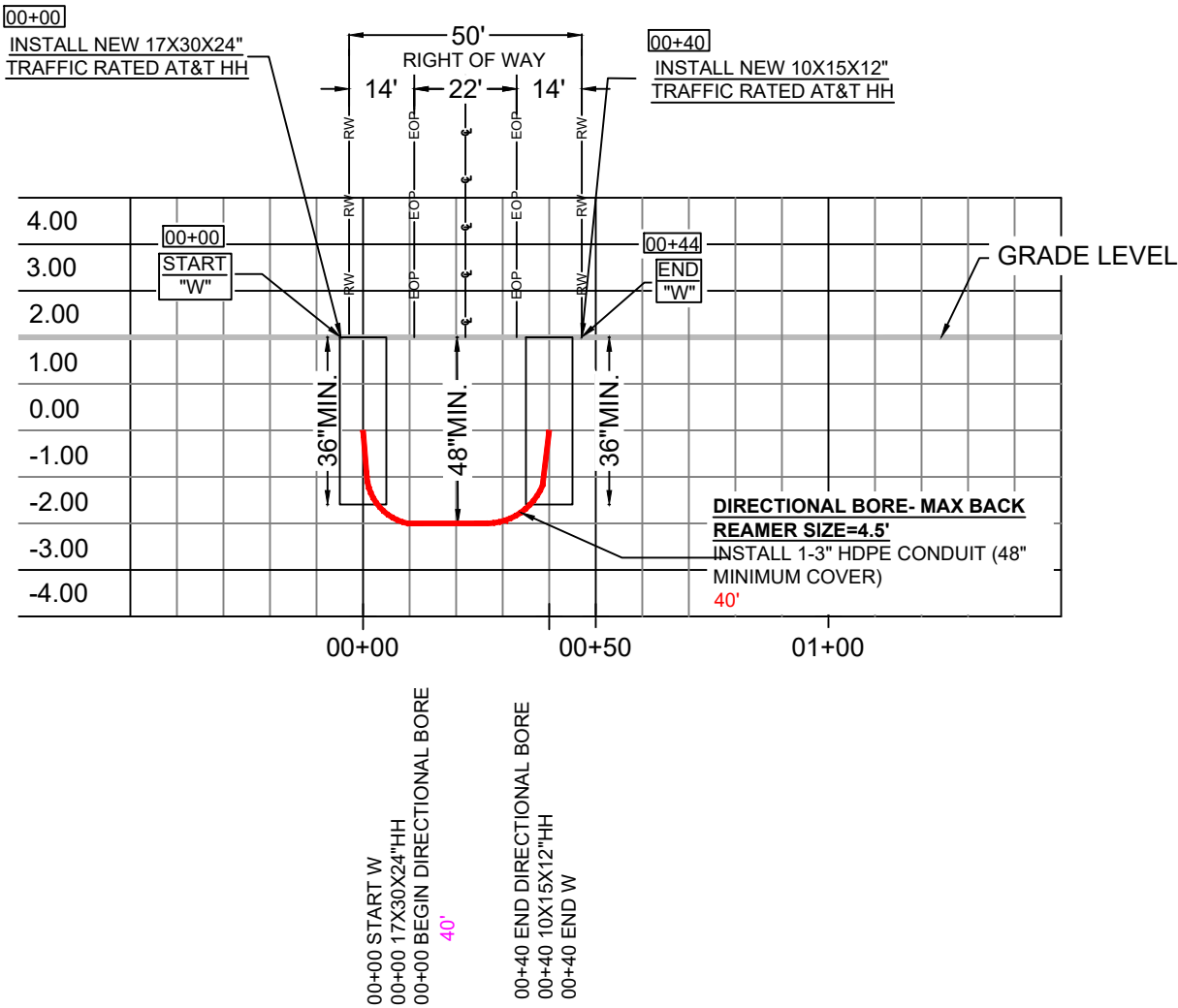
PROJECT ADDRESS:
4301 TRANQUILITY DR

ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE:	043
OF:	059		

CROSS SECTION -VIEW "W"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

INTRACOASTAL DR
LOOKING: NORTH



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

COUNTY:
PALM BEACH

CITY:
HIGHLAND BEACH

TOWNSHIP:
47S

RANGE:
43E

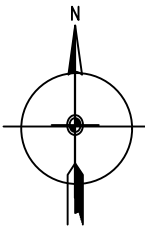
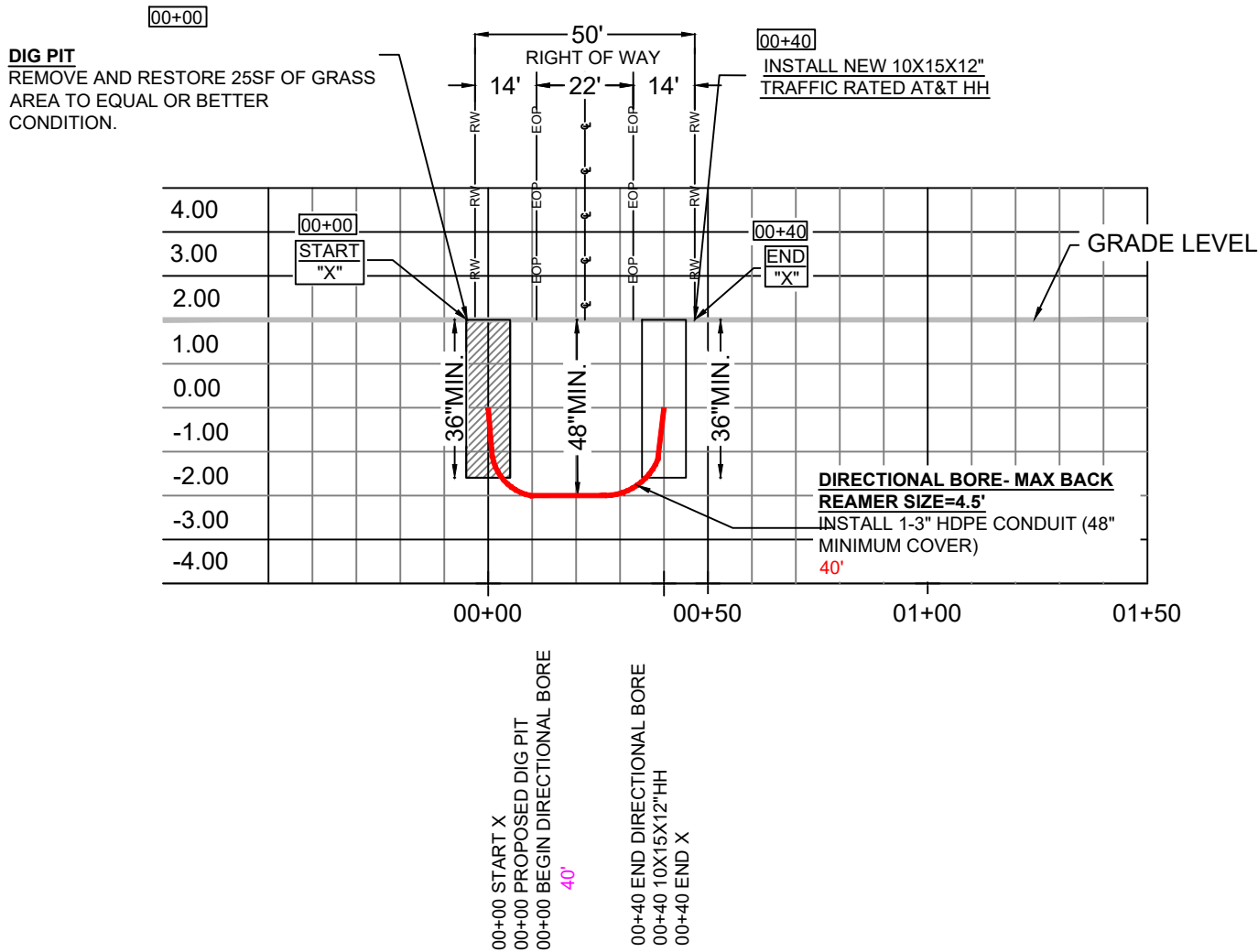
SECTION:
04

PROJECT ADDRESS: 4302 INTRACOASTAL DR		
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166	
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE: 1:40	PAGE: 044	OF: 059

CROSS SECTION -VIEW "X"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

INTRACOASTAL DR
LOOKING: NORTH



ATTSE


PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

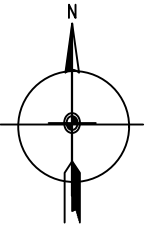
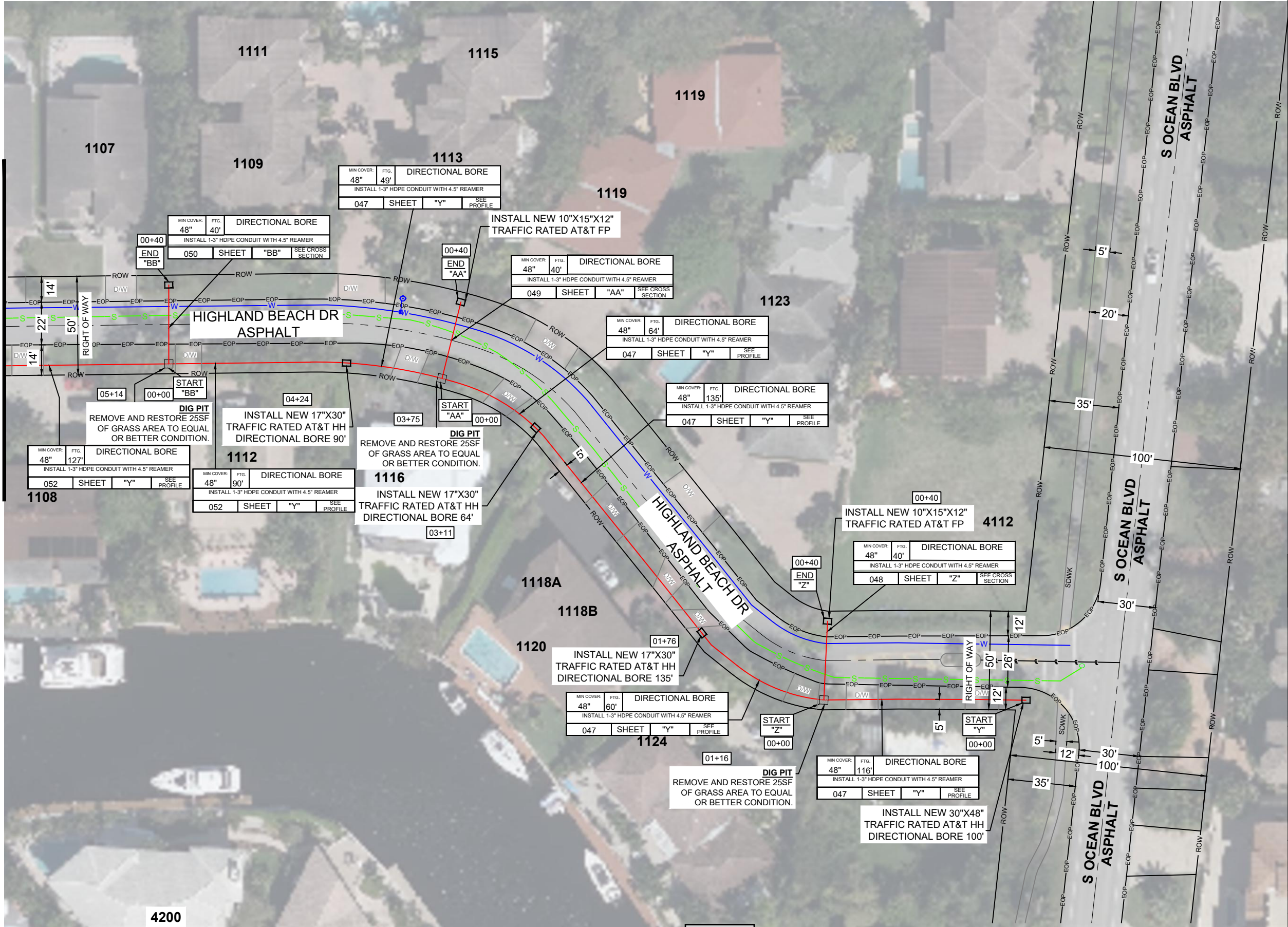


COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:
4302 INTRACOASTAL DR

ENGINEER:	HERNANDEZ, JAVIER	ENG PH #:	305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE:	045
OF:	059		

MATCHLINE - SEE SHEET 051



ATTSE

PERMITTING

JURISDICTION:

• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



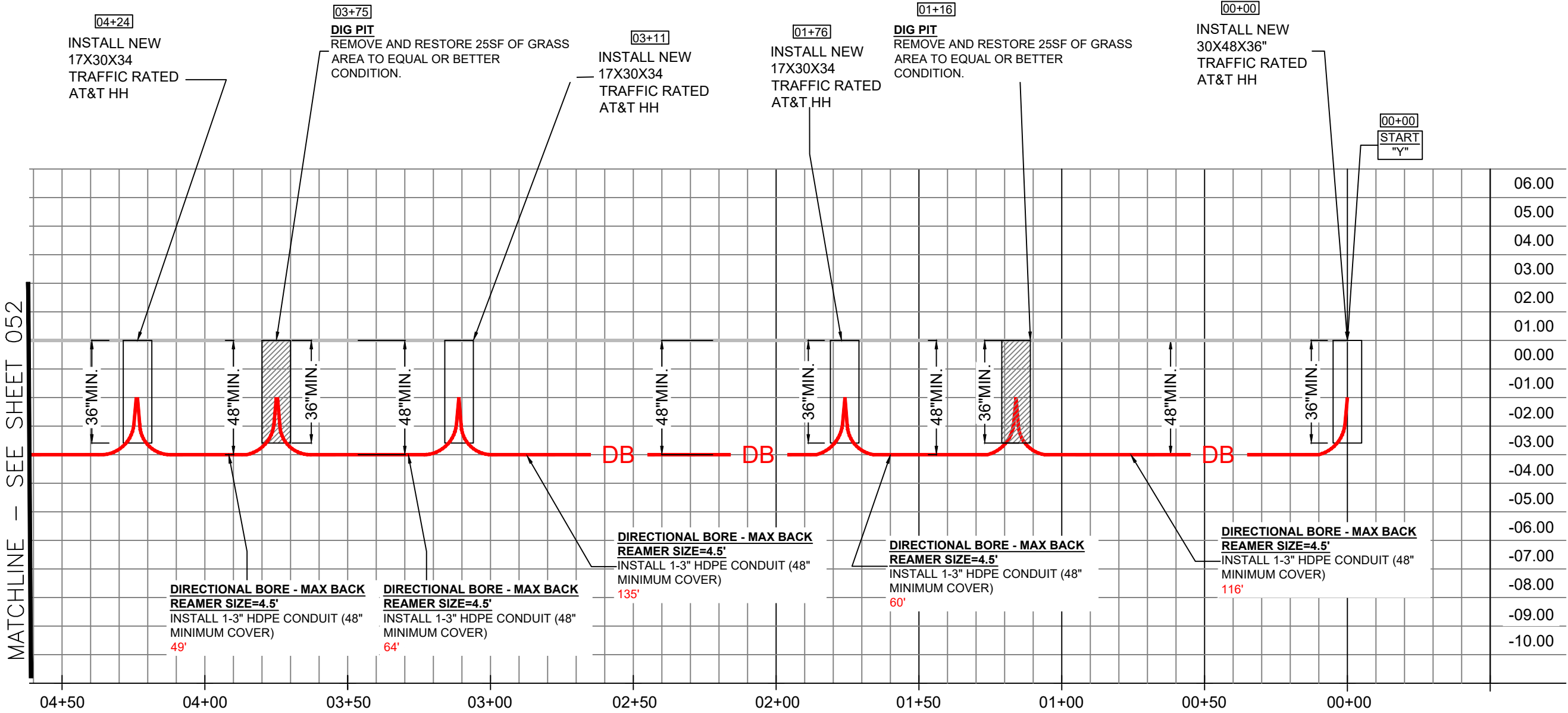
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS: 4118 S OCEAN BLVD		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY	
SCALE:	1:50	PAGE: 046 OF: 059

PROFILE - HIGHLAND BEACH DR

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

HIGHLAND BEACH DR
LOOKING: NORTH



MATCHLINE - SEE SHEET 052

04+24 BEGIN DIRECTIONAL BORE
04+24 17X30X34"HH
04+24 END DIRECTIONAL BORE
90'

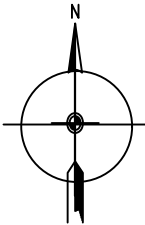
03+75 BEGIN DIRECTIONAL BORE
03+75 PROPOSED DIG PIT
03+75 END DIRECTIONAL BORE
49'

03+11 BEGIN DIRECTIONAL BORE
03+11 17X30X34"HH
03+11 END DIRECTIONAL BORE
64'

01+76 BEGIN DIRECTIONAL BORE
01+76 17X30X34"HH
01+76 END DIRECTIONAL BORE
135'

01+16 BEGIN DIRECTIONAL BORE
01+16 PROPOSED DIG PIT
01+16 END DIRECTIONAL BORE
60'

00+00 START Y
00+00 30X48X36"HH
00+00 BEGIN DIRECTIONAL BORE
116'



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS:
4118 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL

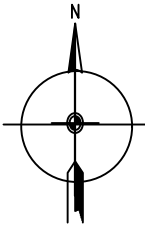
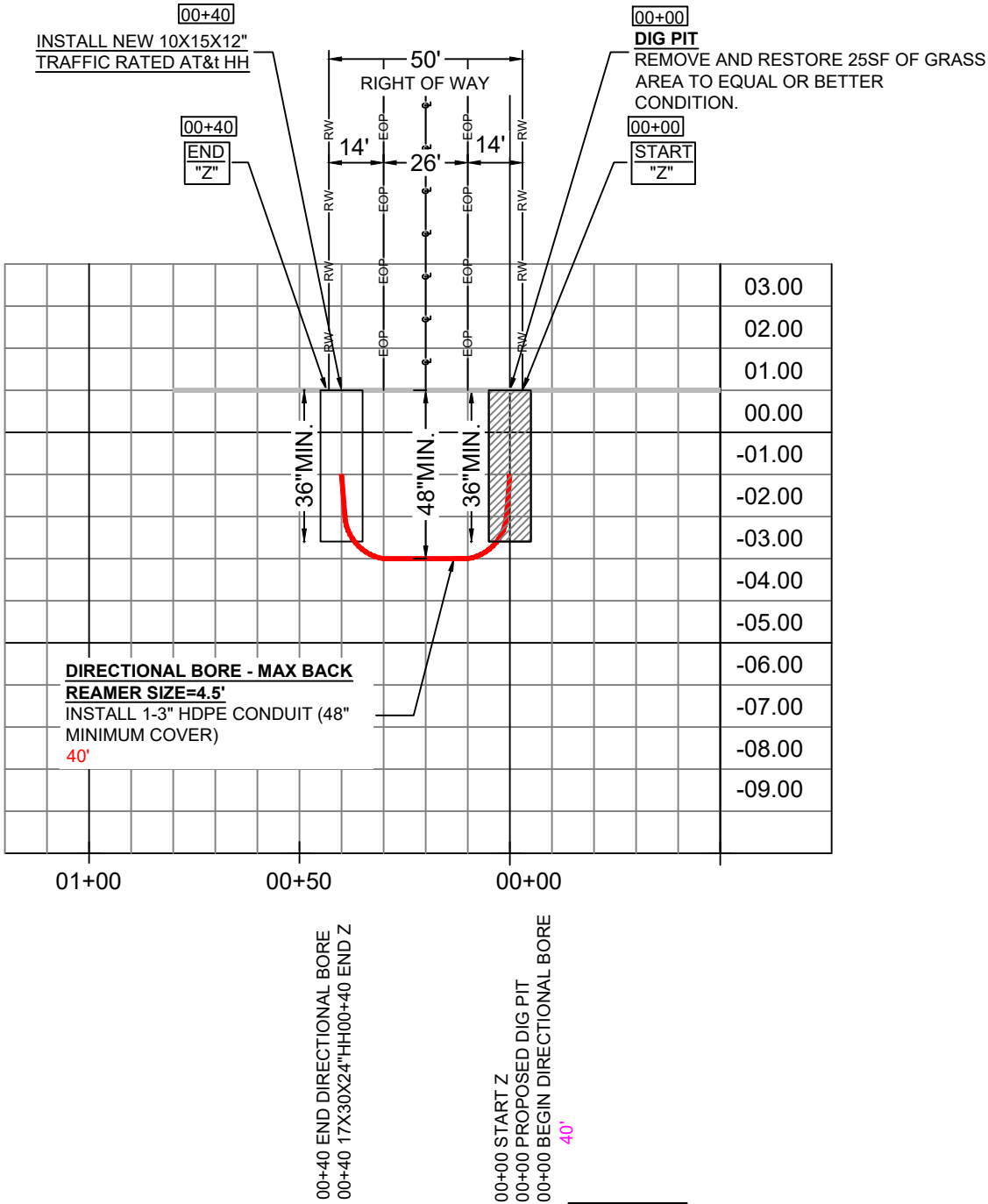
FILE NAME:
1W842020N_HIGHLAND BEACH CITY

SCALE: 1:40	PAGE: 047	OF: 059
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CROSS SECTION- VIEW "Z"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

HIGHLAND BEACH DR
LOOKING: WEST



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

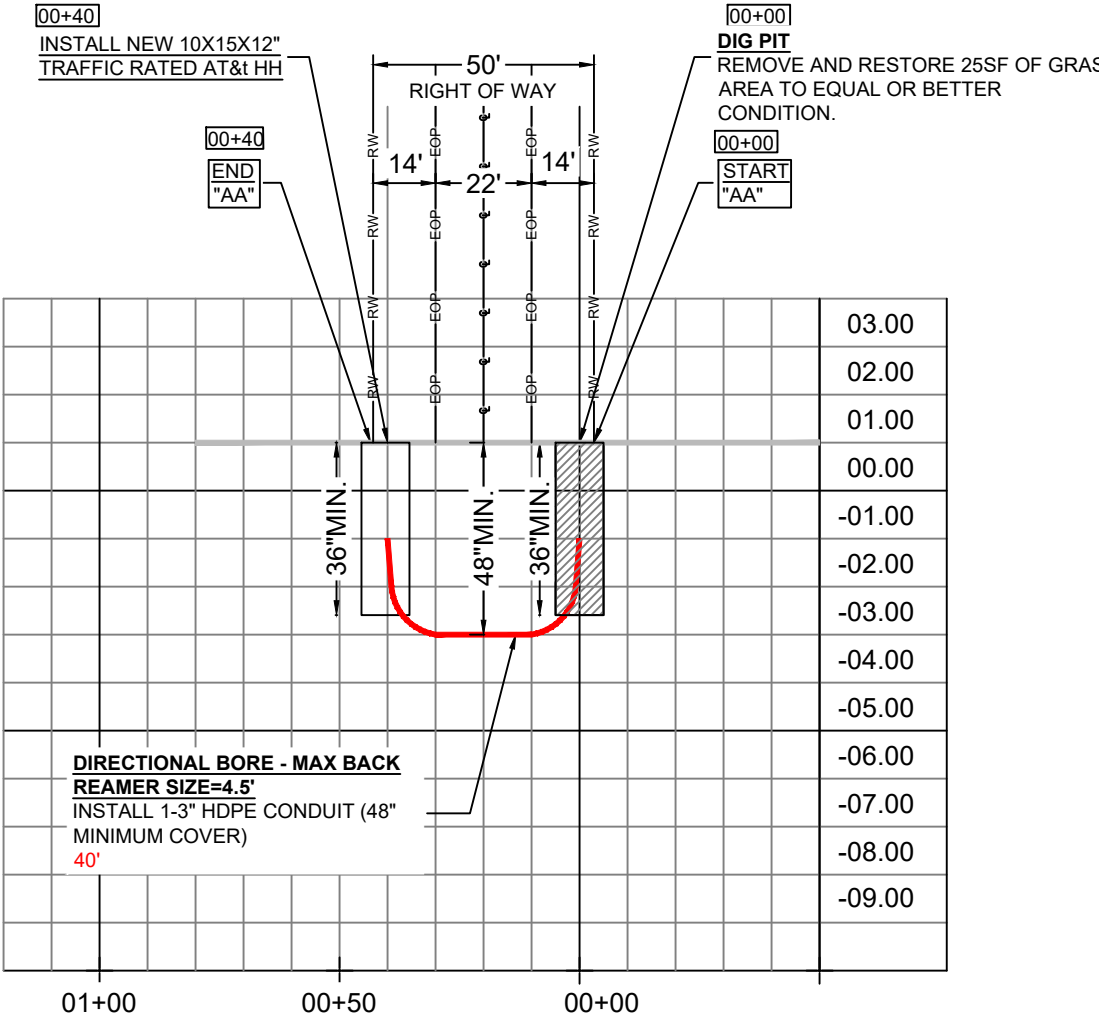
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY: PALM BEACH	
	CITY: HIGHLAND BEACH	
	TOWNSHIP: 47S	
	RANGE: 43E	
	SECTION: 04	
PROJECT ADDRESS: 4118 S OCEAN BLVD		
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166	
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL	
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE: 1:40	PAGE: 048	OF: 059

CROSS SECTION- VIEW "AA"

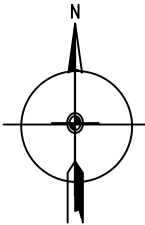
HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

HIGHLAND BEACH DR
LOOKING: WEST



0 END DIRECTIONAL BORE
0 17X30X24\"HH
0 END AA

0 START AA
0 PROPOSED DIG PIT
0 BEGIN DIRECTIONAL BORE
40'



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

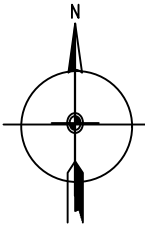
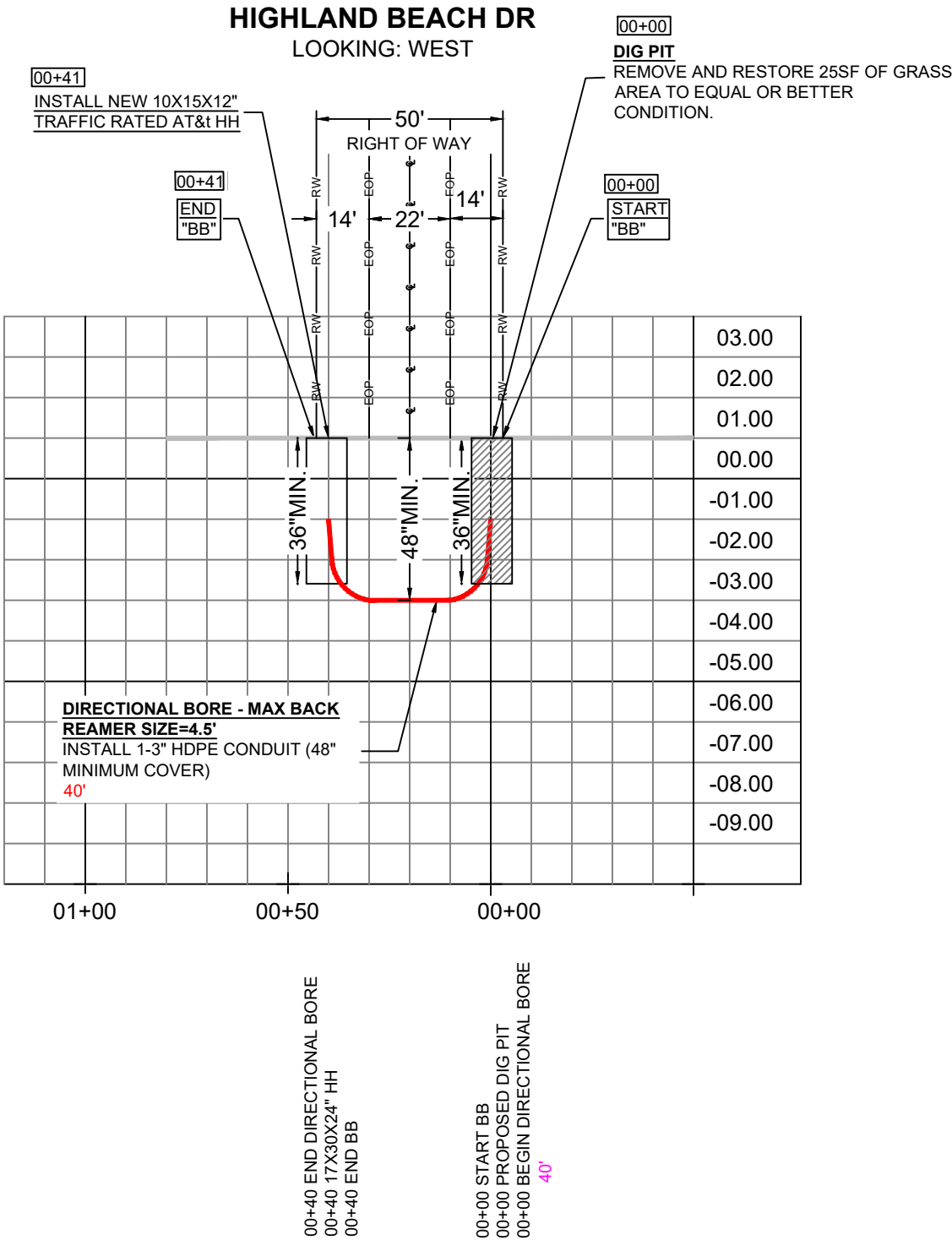
REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		4118 S OCEAN BLVD
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:		1W842020N_ HIGHLAND BEACH CITY
SCALE:	1:40	PAGE: 049 OF: 059

CROSS SECTION- VIEW "BB"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"



ATTSE


PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

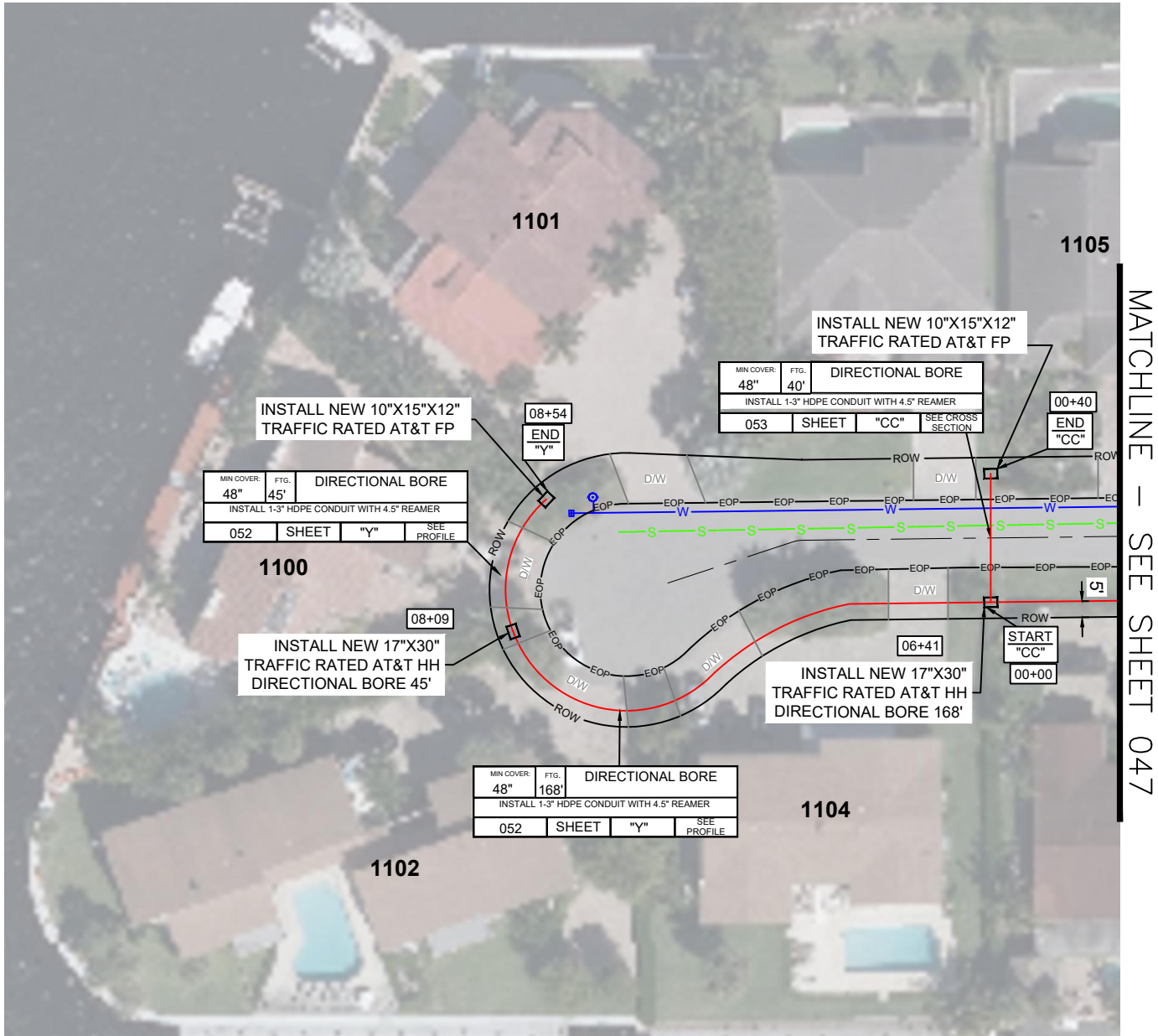
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EXCHANGE: 561272 WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

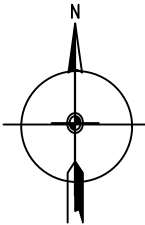
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS: 4118 S OCEAN BLVD		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE: 050 OF: 059

TOTAL PAGE FOOTAGE:	259'
TOTAL UNDER PAVEMENT:	40'



MATCHLINE – SEE SHEET 047



ATTSE

PERMITTING

JURISDICTION:	
• HIGHLAND BEACH CITY	

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

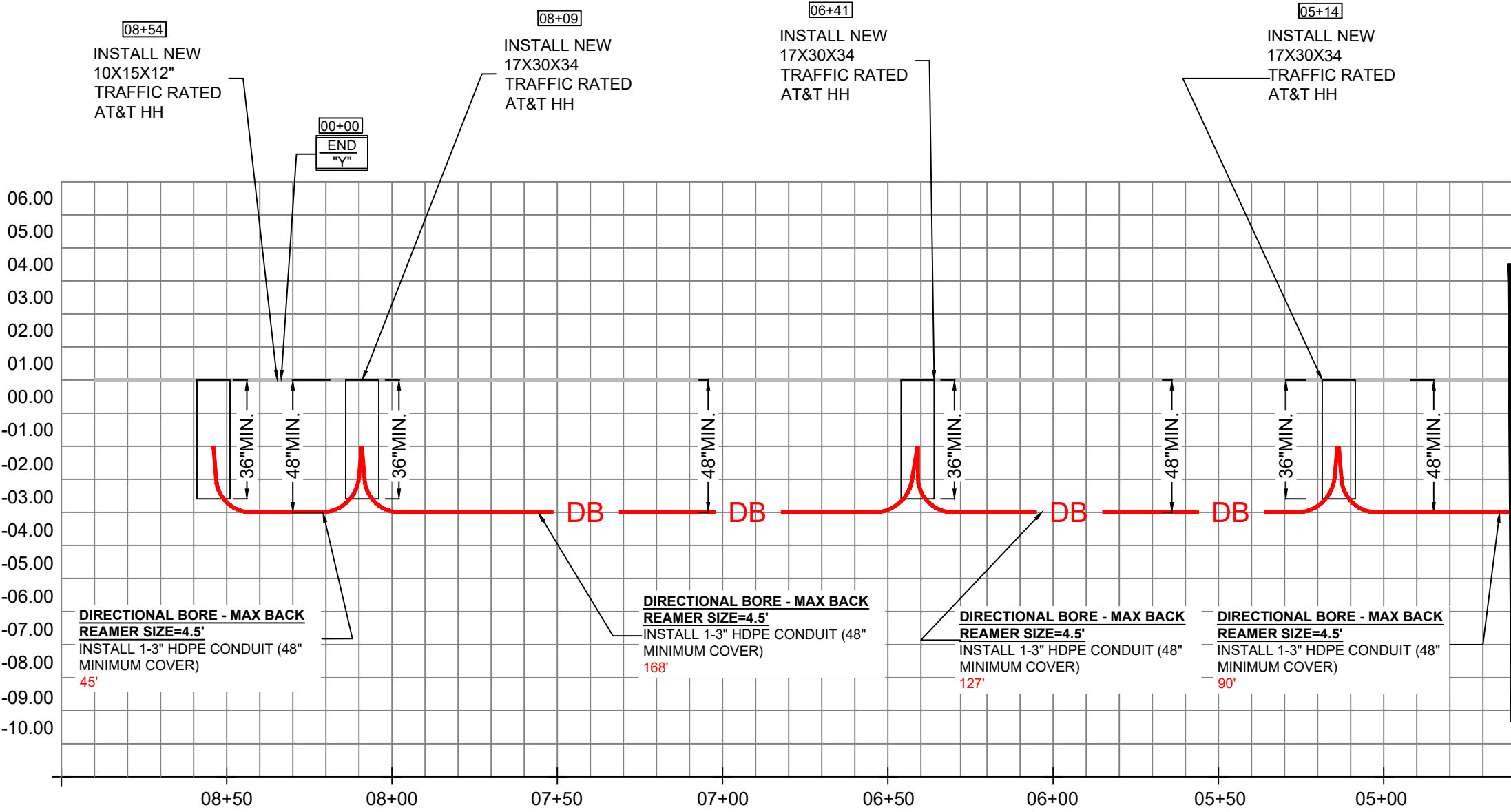
	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		
4118 S OCEAN BLVD		
ENGINEER:	HERNANDEZ, JAVIER	
JOB NUMBER:	1W842020N	ENG PH #: 305-929-2166
FILE NAME:	1W842020N_HIGHLAND BEACH CITY	
SCALE:	1:50	PAGE: 051 OF: 059

PROFILE - HIGHLAND BEACH DR

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

HIGHLAND BEACH DR

LOOKING: NORTH

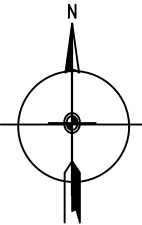


08+54 END Y
08+54 10X15X12"HH
08+54 END DIRECTIONAL BORE

08+09 BEGIN DIRECTIONAL BORE
08+09 17X30X34"HH
08+09 END DIRECTIONAL BORE

06+41 BEGIN DIRECTIONAL BORE
06+41 17X30X34"HH
06+41 END DIRECTIONAL BORE

05+14 BEGIN DIRECTIONAL BORE
05+14 17X30X34"HH
05+14 END DIRECTIONAL BORE



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

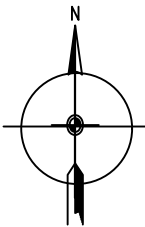
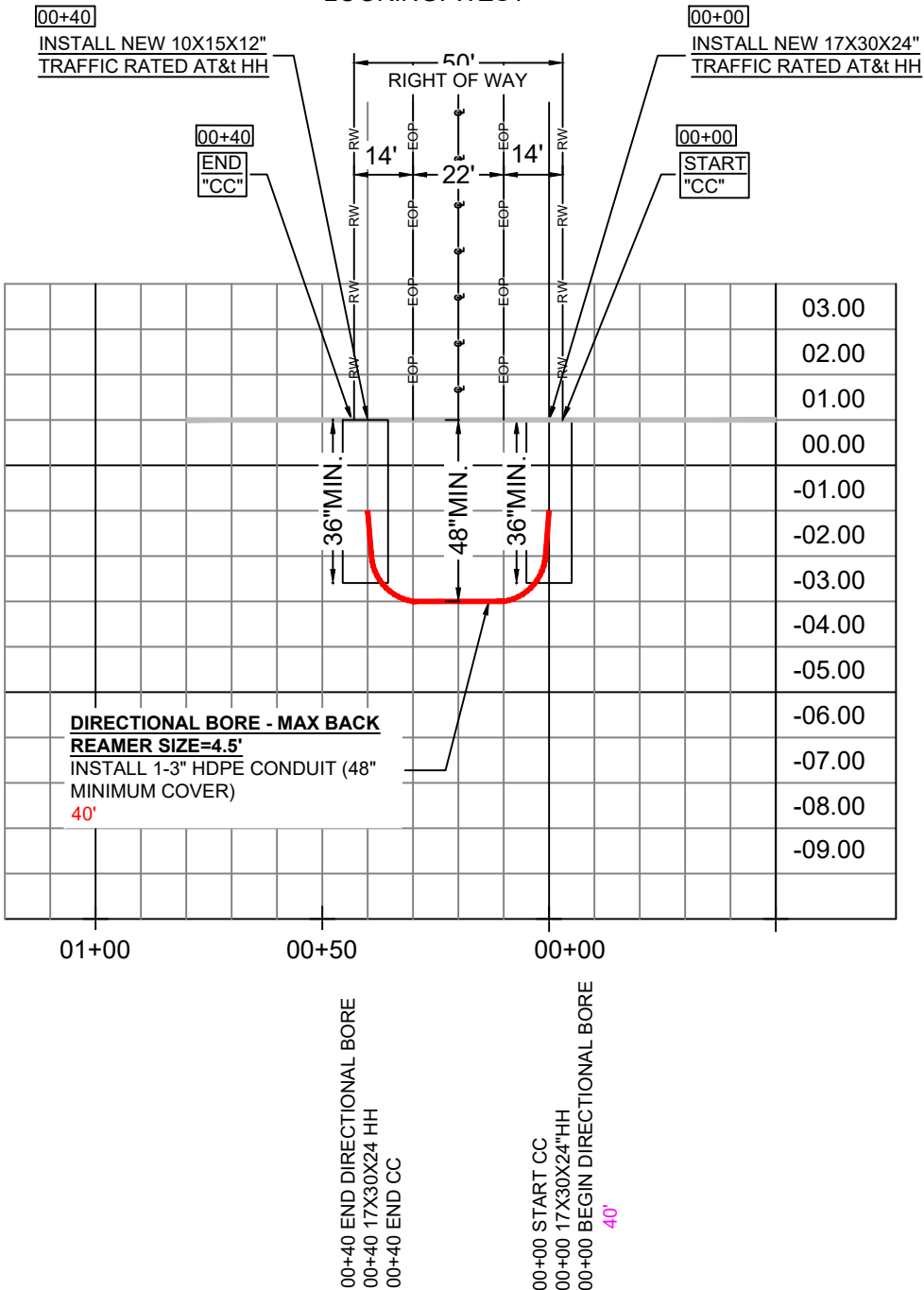
PROJECT ADDRESS:
4118 S OCEAN BLVD

ENGINEER: HERNANDEZ, JAVIER ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY
SCALE: 1:40 PAGE: 052 OF: 059

CROSS SECTION- VIEW "CC"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

HIGHLAND BEACH DR
LOOKING: WEST



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

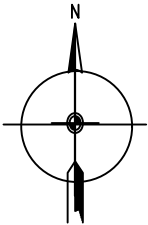
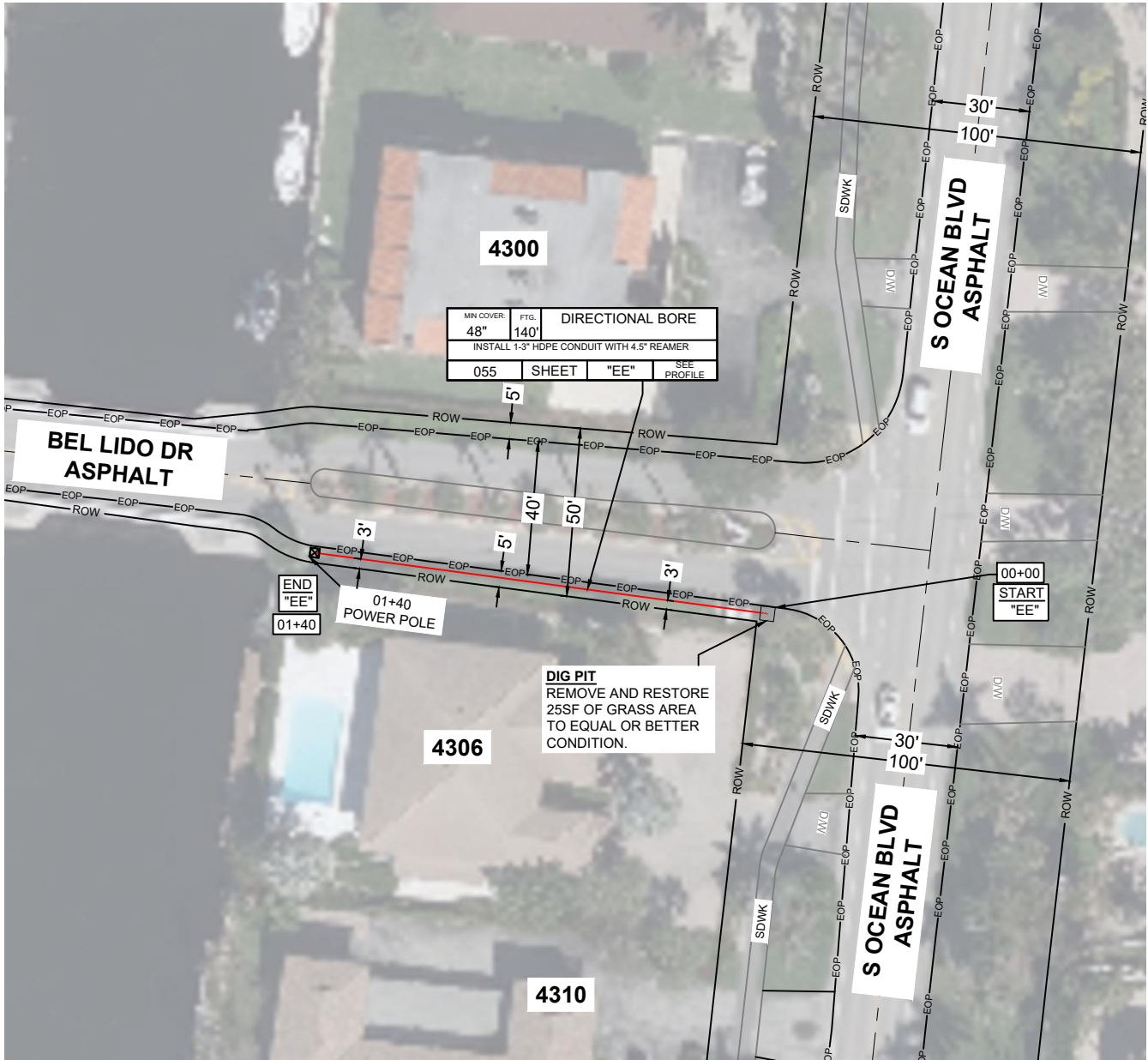
STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS: 4118 S OCEAN BLVD		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:40	PAGE: 053 OF: 059

TOTAL PAGE FOOTAGE:	140'
TOTAL UNDER PAVEMENT:	0'



ATTSE

PERMITTING

JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

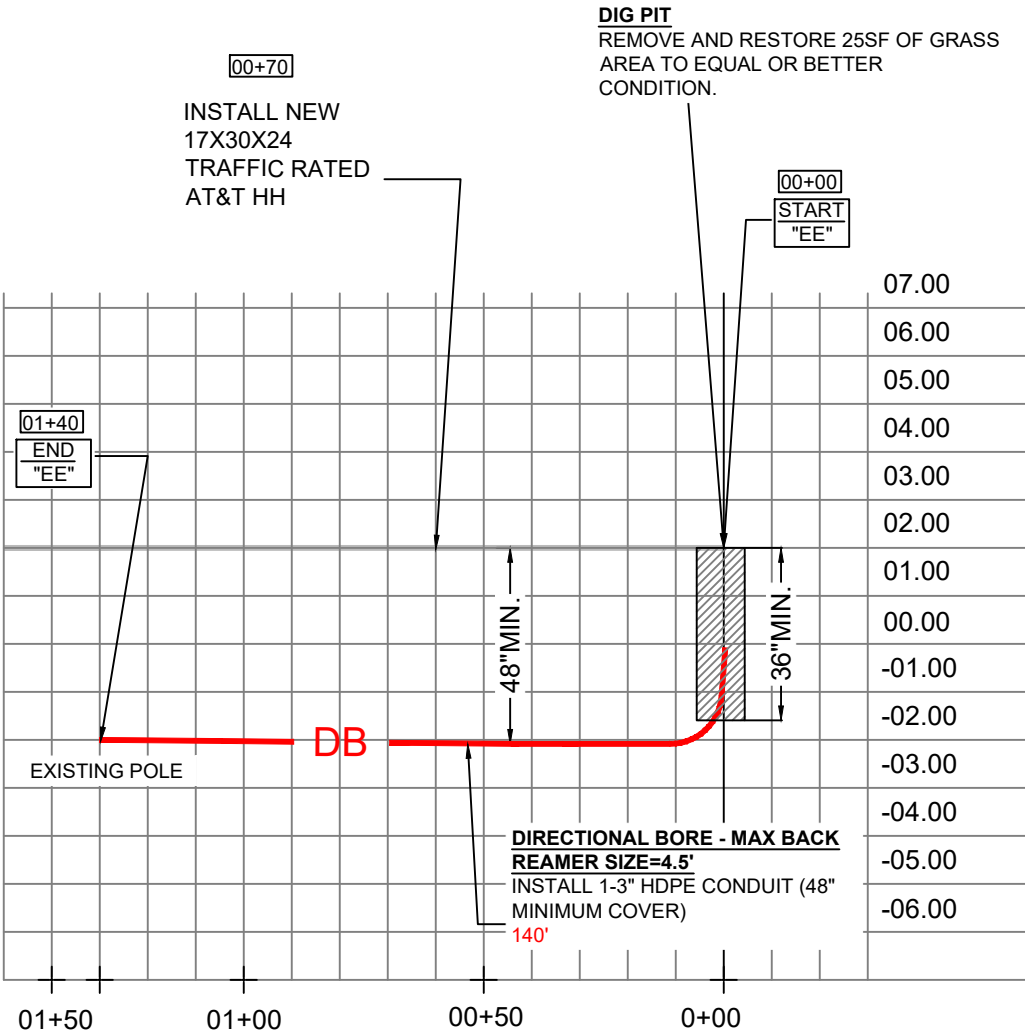
DATE	DESCRIPTION	INITIAL
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	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		4118 S OCEAN BLVD
ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE:	1:50	PAGE: 054 OF: 059

PROFILE VIEW 'EE' - BEL LIDO DR

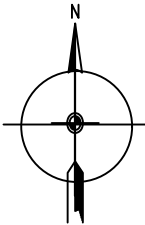
HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

BEL LIDO DR
LOOKING: NORTH



01+40 END EE
01+40 END DIRECTIONAL BORE

00+00 START EE
00+00 PROPOSED DIG PIT
00+00 BEGIN DIRECTIONAL BORE
140'



ATTSE


PERMITTING

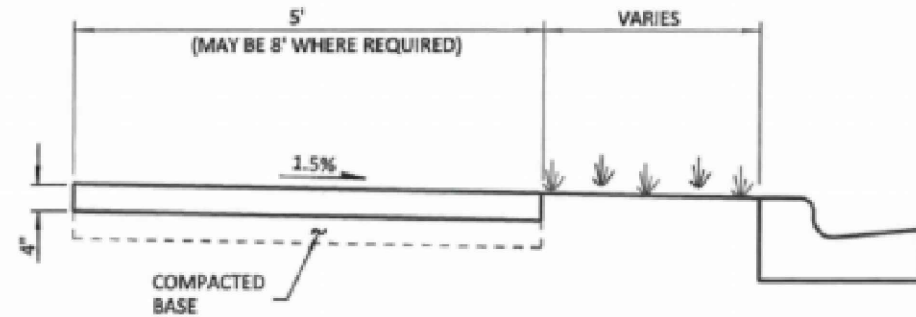
JURISDICTION:
• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

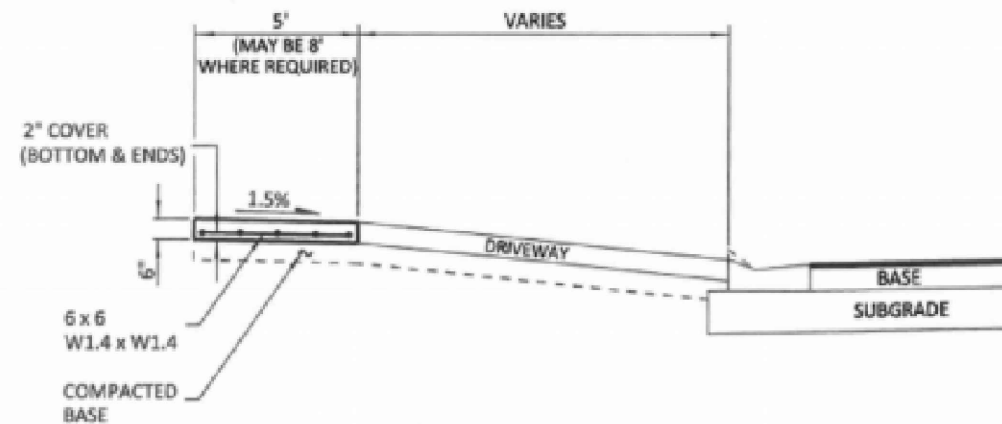
REVISIONS/APPROVALS

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03/21/2022	ORIGINAL SUBMITTAL	MT

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	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS: 4118 S OCEAN BLVD		
ENGINEER:	HERNANDEZ, JAVIER	
JOB NUMBER:	1W842020N	ENG PH #: 305-929-2166
FILE NAME:	1W842020N_HIGHLAND BEACH CITY	
SCALE:	1:40	PAGE: 055 OF: 059



STANDARD SECTION



DRIVEWAYS (RESIDENTIAL AND NON-RESIDENTIAL AREAS)

NOTES:

1. SIDEWALKS TO BE PORTLAND CEMENT CONCRETE, MIN. 2500 P.S.I. @ 28 DAYS.
2. BASE TO BE A MINIMUM 4 INCHES OF CLEAN SAND OR SANDY LOAM, FULLY COMPACTED, FULL WIDTH.
3. SIDEWALKS TO BE BROOM FINISHED WITH EVEN, DUSTLESS SURFACE.
4. MAXIMUM LONGITUDINAL SLOPE IS 1.0%
5. SIDEWALK THICKNESS TO BE 6 INCHES MINIMUM IN ALL AREAS SUBJECT TO VEHICULAR TRAFFIC.

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PALM BEACH COUNTY DEPARTMENT
OF ENGINEERING & PUBLIC WORKS

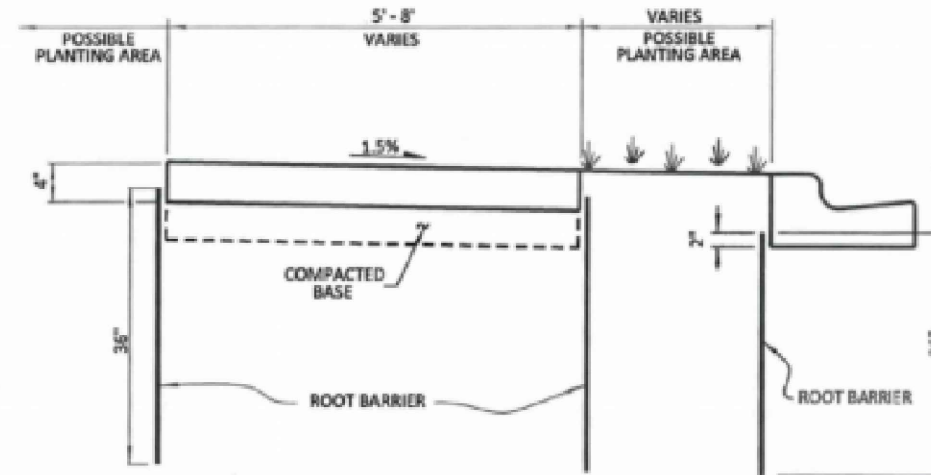
PATHWAY:
CONCRETE SIDEWALK

DRAWING NO.

400.1

DRAWN BY:	DATE:	REVISED BY:	DATE:
K.L.	05/23/90	J.M.K.	02/01/2018

APPROVED: *[Signature]* EFFECTIVE: 2/9/18
COUNTY ENGINEER OR DESIGNEE



STANDARD SECTION

NOTES:

1. ROOT BARRIER IS REQUIRED FOR LOCATIONS WHERE TREE(S) AND/OR ASSOCIATED ROOTS ARE LOCATED WITHIN 10 FT. OF A REQUIRED IMPROVEMENT.
2. ROOT BARRIER MATERIAL SHALL BE HDPE OR AS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
3. ROOT BARRIER INSTALLED 15 FT. ON CENTER OF TREE(S) AND/OR ROOTS.

FILEPATH: P:\DGN\ENG SER\LAND DEVELOPMENT STANDARDS\DWG FORMAT\400.1B

PALM BEACH COUNTY DEPARTMENT
OF ENGINEERING & PUBLIC WORKS

PATHWAY
WITH ROOT BARRIER

DRAWING NO.

400.2

DRAWN BY:	DATE:	REVISED BY:	DATE:
K.L.	10/03/2017	J.M.K.	02/01/2018

APPROVED: *[Signature]* EFFECTIVE: 2/9/18
COUNTY ENGINEER OR DESIGNEE

ATTSE

PERMITTING

JURISDICTION:

- HIGHLAND BEACH CITY

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

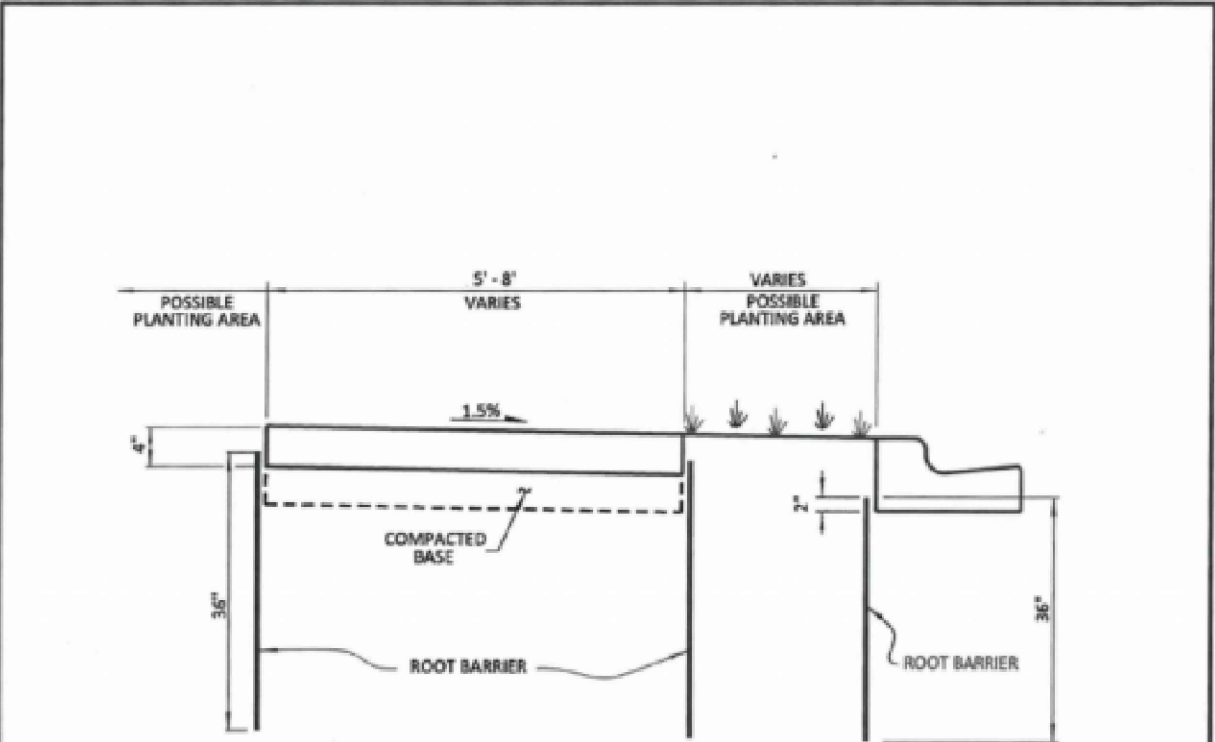


Know what's below.
Call before you dig.

COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:
4118 S OCEAN BLVD

ENGINEER:		ENG PH #:	
HERNANDEZ, JAVIER		305-929-2166	
JOB NUMBER:		CFAS PROJECT NUMBER:	
1W842020N		A029ELL	
FILE NAME:			
1W842020N_HIGHLAND BEACH CITY			
SCALE:	PAGE:	OF:	
AS SHOWN	056	059	



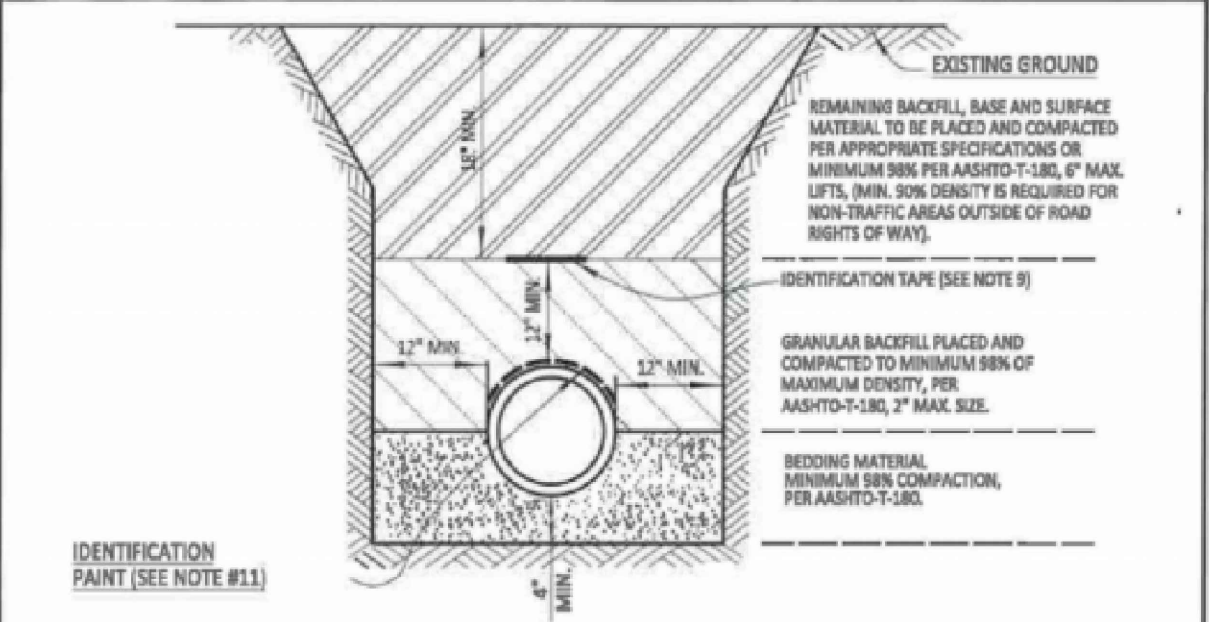
STANDARD SECTION

NOTES:

1. ROOT BARRIER IS REQUIRED FOR LOCATIONS WHERE TREE(S) AND/OR ASSOCIATED ROOTS ARE LOCATED WITHIN 10 FT. OF A REQUIRED IMPROVEMENT".
2. ROOT BARRIER MATERIAL SHALL BE HDPE OR AS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
3. ROOT BARRIER INSTALLED 15 FT. ON CENTER OF TREE(S) AND/OR ROOTS.

FILEPATH: P:\DGN\ENG SER\LAND DEVELOPMENT STANDARDS\DWG FORMAT\400.1B

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				PATHWAY WITH ROOT BARRIER		DRAWING NO. 400.2
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:	
K.L.	10/03/2017	J.M.K.	02/01/2018	<i>[Signature]</i>	2/9/18	



NOTES:

1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING WITH EQUAL OR GREATER STRUCTURAL ADEQUACY AS EXISTING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK AND DEBRIS.
5. DENSITY TESTS SHALL BE TAKEN IN 1 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 400' MAXIMUM, (MINIMUM 1 SET) OR AS DIRECTED BY THE CONSTRUCTION COORDINATION DIVISION. RESULTS SHALL BE SUBMITTED TO CONSTRUCTION COORDINATION AS PART OF THEIR FIELD REVIEW.
6. THE PERMITTEE/DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL TRENCH SAFETY LAWS AND REGULATIONS.
7. SEE SEPARATE DETAIL FOR PAVED AREAS (OPEN CUT FOR THOROUGHFARE AND NON-THOROUGHFARE ROADS).
8. THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS.
9. APPROVED MAGNETIC TAPE IS REQUIRED FOR ALL MAIN PRESSURE PIPES AND CONDUIT IN THE COUNTY'S RIGHT-OF-WAY. INSTALL TAPE 18" BELOW FINISHED GRADE.
10. ROOT BARRIER IS REQUIRED FOR APPROVED PIPE INSTALLATION CLOSER THAN 10 FEET FROM AN EXISTING TREE. SEE SEPARATE DETAIL FOR ROOT BARRIER.
11. CONTINUOUS 4" WIDE PAINT STRIPING IS REQUIRED FOR DIP/PCCP WATER MAINS (BLUE), DIP SANITARY FORCE MAINS (GREEN), DIP RECLAIMED WATER MAINS (PURPLE), GAS MAINS (YELLOW), OR AS REQUIRED BY THE APWA.
12. PERMANENT ABOVE GROUND UTILITY MARKER SHALL BE INSTALLED IF REQUIRED.

FILEPATH: P:\DGN\ENG_SER\LAND DEVELOPMENT STANDARDS\1.DGN

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				TYPICAL TRENCH DETAIL (NON-PAVED AREAS)		DRAWING NO. 1
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:	
K.L.	05/23/90	J.M.K.	02/01/2018	<i>[Signature]</i>	4/27/18	

ATTSE

PERMITTING

JURISDICTION:	
• HIGHLAND BEACH CITY	

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:
	PALM BEACH
	CITY:
	HIGHLAND BEACH
	TOWNSHIP:
	47S
	RANGE:
	43E
	SECTION:
	04

PROJECT ADDRESS:	
4118 S OCEAN BLVD	
ENGINEER:	ENG PH #:
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER:	CFAS PROJECT NUMBER:
1W842020N	A029ELL
FILE NAME:	
1W842020N_HIGHLAND BEACH CITY	
SCALE:	PAGE:
AS SHOWN	057
	OF: 059

3048

OLDCASTLE POLYMER

(formerly H-Series)

COVER

Style:	Flush 2-Piece
Material:	Polymer Concrete
Model:	30" x 48"
Weight:	Tier 15: 110 lbs. (per half) Tier 22: 169 lbs. (per half)
Std. Fasteners:	1/2-13 Stainless Steel Hex Head Bolt, Washer and Floating Nut
Options:	Logos and Special Markings
Surface:	Slip Resistant
Performance:	ANSI/SCTE-77, Tier 15 or Tier 22*

Cover comes standard with permanent markings for manufacturer, load rating, model size and manufacturing location.

BODY

Material:	Polymer Concrete
Model:	30" x 48"
Weight:	18" Depth: 179 lbs. 24" Depth: 223 lbs. 36" Depth: 307 lbs.
Wall Type:	Straight
Performance:	ANSI/SCTE-77 Tier 22

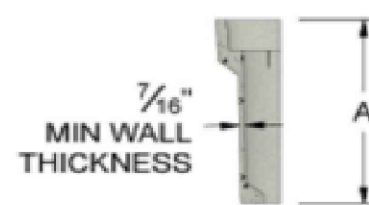
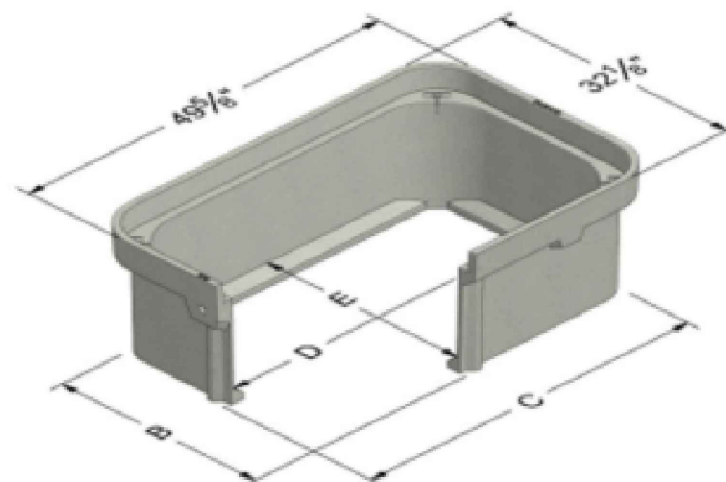
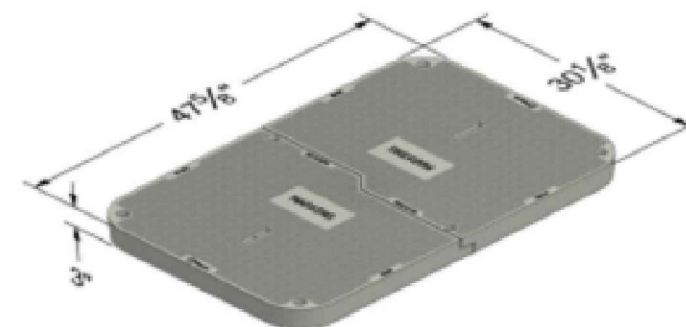
LOAD RATING / NOTES

 MEDIUM DUTY
ANSI/SCTE TIER 15

 HEAVY DUTY
ANSI/SCTE TIER 22

For use in non-vehicular traffic situations only.
Weights and dimensions may vary slightly.
Actual load rating is determined by the box
and cover combination.

* Based upon lid and body combination, this unit can be Tier 15 or Tier 22. T22 rating when paired with T22 polymer concrete lid.



1 13/16" FOOTING

	A	B	C	D	E
3048-18	18	29-7/16	46-15/16	44-1/2	27
3048-24	24	29-5/16	46-13/16	44-1/4	26-3/4
3048-36	36	29	46-1/2	44-1/8	26-5/8

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PERMITTING

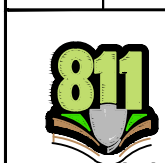
JURISDICTION:

• HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

PROJECT ADDRESS: 4118 S OCEAN BLVD		
ENGINEER: HERNANDEZ, JAVIER		ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N		CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_HIGHLAND BEACH CITY		
SCALE: AS SHOWN	PAGE: 058	OF: 059

3048

OLDCASTLE POLYMER

(formerly H-Series)

COVER OPTIONS

- Oldcastle Polymer, Flush Solid
- Oldcastle Polymer, Flush 2-Piece
- Oldcastle Polymer, Flush Pedestal Provision
- Steel, Solid



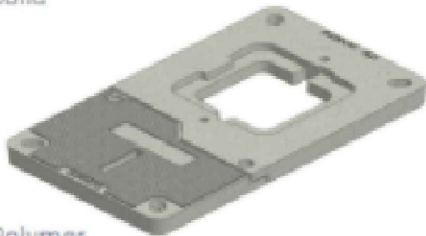
Polymer
Solid



Steel
Solid



Polymer
2-Piece



Polymer
Pedestal Provision

FASTENER OPTIONS

- Hex Head Bolt (A)
- Penta Head Bolt (B)
- Penta Head Coil Thread Bolt (B)
- Oldcastle Vandal Resistant Bolt (C)
- Captive Bolt Retainer



Standard Thread



A



B



C



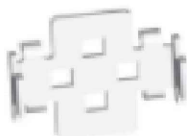
Coil Thread



Bolt Retainer
(for standard thread)

ADD ON OPTIONS

- EMS Marker
- Mouseholes/Knockouts
- Rack Mount
- Cable Racks/Cable Arms
- Unistrut
- Pulling Eye - 1,000 lb and 3,000 lb
- Ground Buss
- Dividers
- Racking Provision
- Lid Gaskets*
- Solid Bottom
- Custom Marking Plate (Polymer)



Rack Mount



Cable Rack
Cable Arm



Unistrut



Pulling Eye



EMS Marker



Ground Bus

* Lid Gaskets inhibit water flow into the box, they do not make enclosure fully waterproof.

WARNING: Cancer - www.P65Warnings.ca.gov

All information contained on this sheet is current at the time of publication.
Oldcastle reserves the right to discontinue or update product information without notice.

Revision 11/09/18
© 2018 Oldcastle Infrastructure

ATTSE


PERMITTING

JURISDICTION:
* HIGHLAND BEACH CITY

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

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ENGINEER:	HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_HIGHLAND BEACH CITY	
SCALE:	AS SHOWN	PAGE: 059 OF: 059

UTILITY PERMIT

PERMIT NO: 2022-H-496-00177

STATE ROAD INFORMATION

County: Palm Beach	Section: 93060000	State Road No: SR A1A	Beginning Mile Post: 5.762	Ending Mile Post: 5.762
------------------------------	-----------------------------	---------------------------------	--------------------------------------	-----------------------------------

APPLICANT INFORMATION

The Utility Agency Owner (UAO) shall be identified in this Applicant Information Box. When the UAO is a City or County and desires to have the Utility Builder make a joint permit applicant, as prescribed in Section 2.1(4) of the 2017 Utility Accommodation Manual (UAM), the Utility Builder shall also be identified in this Applicant Information Box. A Utility Builder alone cannot apply for a utility permit without the City or County adding them as a joint applicant.

<u>Utility Agency/Owner (UAO)</u>		<u>Utility Builder (only applicable when the UAO is a City or County)</u>	
Name:	<u>AT&T Florida (South Broward)</u>	Name:	<u>AT&T</u>
Contact Person:	<u>AT&T Florida (South Broward)</u>	Contact Person:	
Address:	<u>South Broward</u>	Address:	<u>400 SW 2nd Ave</u>
City:	<u>Broward</u>	City:	<u>Gainesville</u>
State:	<u>Florida</u>	State:	<u>Florida</u>
Zip:	<u>33310</u>	Zip:	<u>32601</u>
Telephone:	<u>9544236305</u>	Telephone:	
Email:	<u>pv8321@att.com</u>	Email:	

WORK DESCRIPTION

The Applicant(s) requests permission from the Florida Department of Transportation (FDOT) to construct, operate, and maintain the utilities as described below and as depicted in the incorporated documentation.

1.PLACE APPROXIMATELY 4833' OF 1-4"HDPE CONDUIT VIA DBORE, 2.PLACE (24) 17"x30"x24" HANDHOLE., 3.PLACE (3) 30"x48"x36" HANDHOLE.

Utility Work No:

Additional sheets are attached and are incorporated into this permit Yes ☒ No ☐

For FDEP certification, the FDOT agency report is attached in accordance with UAM Section 2.4.1 (13) Yes ☐ No ☒

TRAFFIC CONTROL (TCP)

☒ The TCP will comply with the following 600 series index(es) 602

☐ A TCP has been attached and incorporated into this permit application in compliance with UAM Section 2.4.2.

MOT Technician's contact information (may be supplied at the two (2) business day notification to FDOT):

Name: TANIA CONTRERAS Telephone (954) 826-5728 ext. _____ Email: TC3655@ATT.COM

COMMENCEMENT OF WORK

The UAO and/or Utility Builder shall commence actual construction in good faith within sixty (60) calendar days after approval of the permit application. If the beginning date is more than sixty (60) calendar days from the date of approval, the UAO and/or Utility Builder must review the permit with the FDOT Approving Engineer listed to make sure no changes have occurred to the transportation facility that would affect the permit's continued approval. The UAO and/or Utility Builder shall make good faith efforts to expedite the work and complete the work within the calendar days indicated.

Anticipated Start Date: 7/11/2022

Calendar days needed to completed: 25

UTILITY PERMIT

PERMIT NO: 2022-H-496-00177

APPLICANT SIGNATURE

By the below signature(s) the UAO and/or Utility Builder agree(s) to construct, operate, and maintain the work as noted in the above Work Description, shown in plans and incorporated documents, in compliance with the UAM, all instructions noted in the FDOT Special Instructions Box, and special instructions incorporated into this permit. The UAO and/or Utility Builder declares, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the plans of the work areas. In accordance with UAM Section 2.8, the UAO and/or Utility Builder further declares that a letter of notification was delivered to the owners of other facilities within the work areas and that those listed below are the only facility owners known to be involved or potentially impacted by the proposed work.

Date Notified: _____ Name of other facility owners (attach additional sheets if necessary). _____

Utility Agency/Owner

Utility Builder (when applicable)

Signature: PHIL VECCHIO (digital signature) Date: 3/24/2022

Name (printed): PHIL VECCHIO

Title: _____

Signature: _____ Date: _____

Name (printed): _____

Title: _____

FDOT PROJECT INFORMATION

Pursuant to UAM Section 2.1(10), the utility work is within FDOT projects listed below and must have a Utility Work Schedule for each project approved prior to commencement of work within the FDOT project limits:

There are NO FDOT constructions (proposed or underway).

This work is NOT related to an approved utility work Schedule.

FDOT SPECIAL INSTRUCTIONS

In accordance with UAM Section 2.7, FDOT incorporates the below and attached special instructions into this permit.

SEE ATTACHMENT 'A'

Additional FDOT Special Instructions are attached and incorporated into this permit. Yes ☒ No ☐

PERMIT APPROVAL

By signature below, FDOT gives permission to the UAO and/or Utility Builder to construct, operate, and maintain the utilities indicated in this Utility Permit in compliance with the UAM, all incorporated documents, and special instructions. Any changes to the approved work must be approved by the FDOT's Approving Engineer and attached and incorporated into this permit in accordance with UAM Section 2.11.

Approving Engineer: Eugene Kissner (digital signature) Date: 4/6/2022

Name: Eugene Kissner

Title: PERMITS COORDINATOR I

Notification of Utility Work to be provided to: _____ Telephone (786) 314-6067 ext. _____ or Email: pdonovan@louisberger.com

An FDOT Representative is required to be present on the worksite prior to commencement of work. Yes ☒ No ☐

Rep. Name: Paul Donovan Telephone 7863146067 Email: pdonovan@louisberger.com

Florida Department of Transportation
UTILITY PERMIT

December 14, 2016

PERMIT NO: 2022-H-496-00177

CERTIFICATION

I, the undersigned UAO and/or Utility Builder, hereby CERTIFY that the utilities were constructed and inspected in compliance with the UAM all incorporated documents, and special instructions. Pursuant to UAM Section 2.11, all changes have been approved by the FDOT's Approving Engineer and incorporated into this permit along with all other material certifications, test results, bore logs, approved plans changes, as-built plans or other required documentation.

I also CERTIFY that work began on _____ and was completed on _____ and that the area was left in as good or better condition than when the work began.

Utility Agency/Owner

Utility Builder (when applicable)

Signature: _____ Date _____

Signature: _____ Date _____

Name (printed): _____

Name (printed): _____

Title: _____

Title: _____

FINAL INSPECTION OF WORK

☐ The work was inspected and found to be in non-compliance as noted below:

☐ All issues of non-compliance listed above have been brought into compliance and/or FDOT has no outstanding issues that need to be addressed by the UAO and/or Utility Builder. However, this final inspection does not release the UAO and/or Utility Builder of their continuing responsibilities pursuant to Rule 14-46.001, the UAM, all incorporated documents, and special instructions.

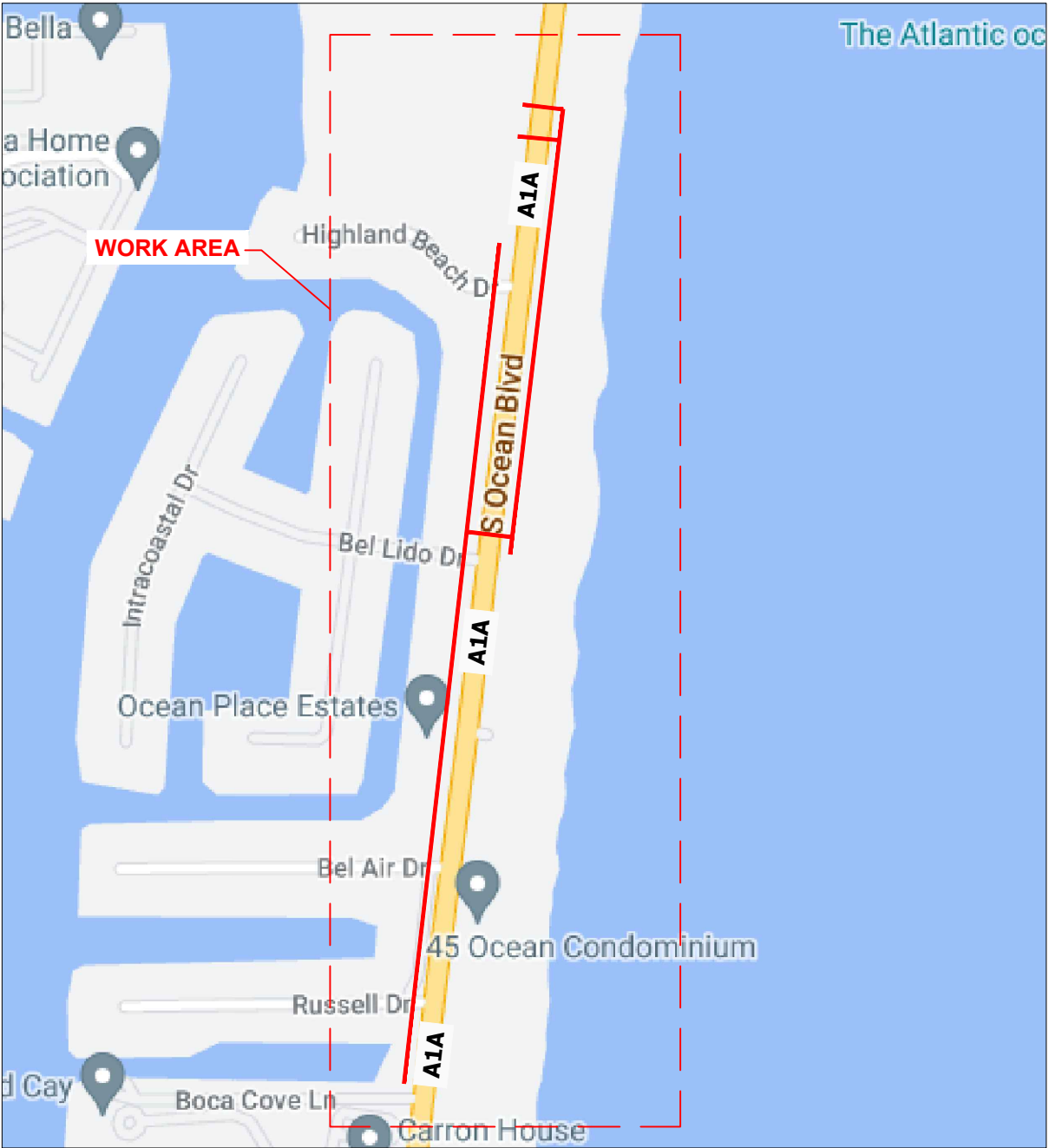
FDOT Inspector: _____ Date: _____

Name: _____

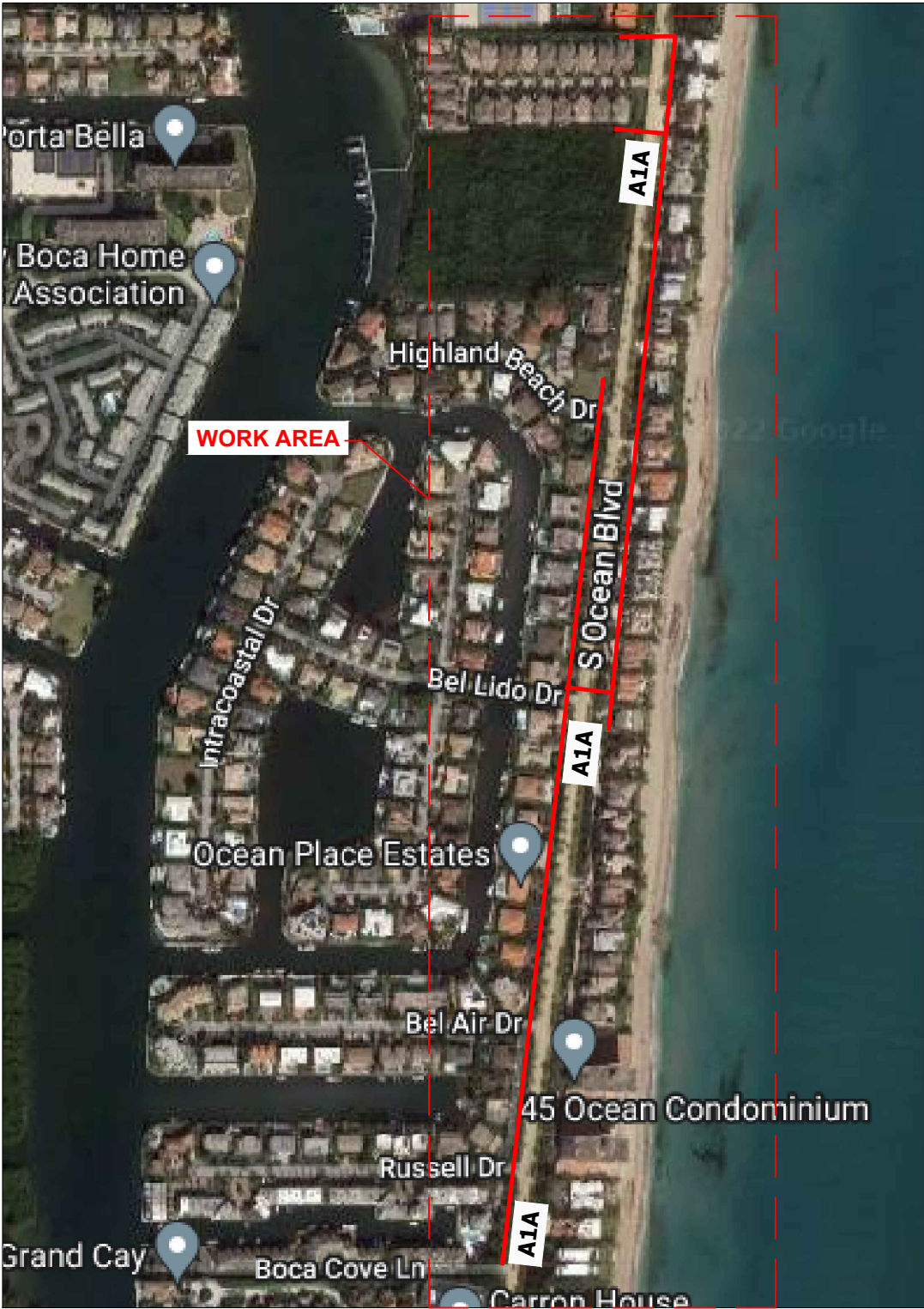
Title: _____

Approved
2022-H-496-00177
Eugene Kissner
4/6/2022

FOOTAGE & QUANTITIES		
DESCRIPTION	QUANTITY	UNIT
BORE	4992	LF
UNDER PAVED ROADWAY	250	LF
HANDHOLES	27	EA
TOTAL FOOTAGE	5242	LF



LOCATION MAP
N.T.S.



VICINITY MAP
N.T.S.

CALL BEFORE YOU DIG



IT IS CONTRACTORS RESPONSIBILITY TO CONTACT UTILITY COMPANIES PRIOR TO ANY CONSTRUCTION AS THE LOCATION OF UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE AND POSSIBLY INCOMPLETE. THEREFORE CERTIFICATION TO THE LOCATION OF ALL UNDERGROUND UTILITIES IS WITHHELD.

PROJECT DESCRIPTION:

- 1.PLACE APPROXIMATELY 4833' OF 1-4"HDPE CONDUIT VIA DBORE
- 2.PLACE (24) 17"x30"x24" HANDHOLE.
- 3.PLACE (3) 30"x48"x36" HANDHOLE.

MOT USED:

102-602

PLAT BOOK USED:

PB:	25/97
PB:	25/154
PB:	49/107

DRAWING INDEX

SHEET NO.	SHEET TITLE
001 OF 040	COVER SHEET
002 OF 040	OVERALL MAP
003 OF 040	GENERAL NOTES, LINETYPES & LEGEND
004 TO 033 OF 040	PLAN VIEW & PROFILES
034 TO 040 OF 040	CONSTRUCTION TYPICAL



PROJECT ADDRESS:

4300 A1A

ENGINEER:
HERNANDEZ, JAVIER

JOB NUMBER:
1W842020N

FILE NAME:
1W842020N_4300 A1A

SCALE:
N.T.S.

COUNTY:
PALM BEACH
CITY:
HIGHLAND BEACH
TOWNSHIP:
47S
RANGE:
43E
SECTION:
04

ENG PH #:
305-929-2166

CFAS PROJECT NUMBER:
A029ELL

PAGE:
001

OF:
040

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:
FLORIDA

EXCHANGE:
561272

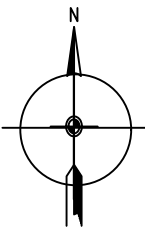
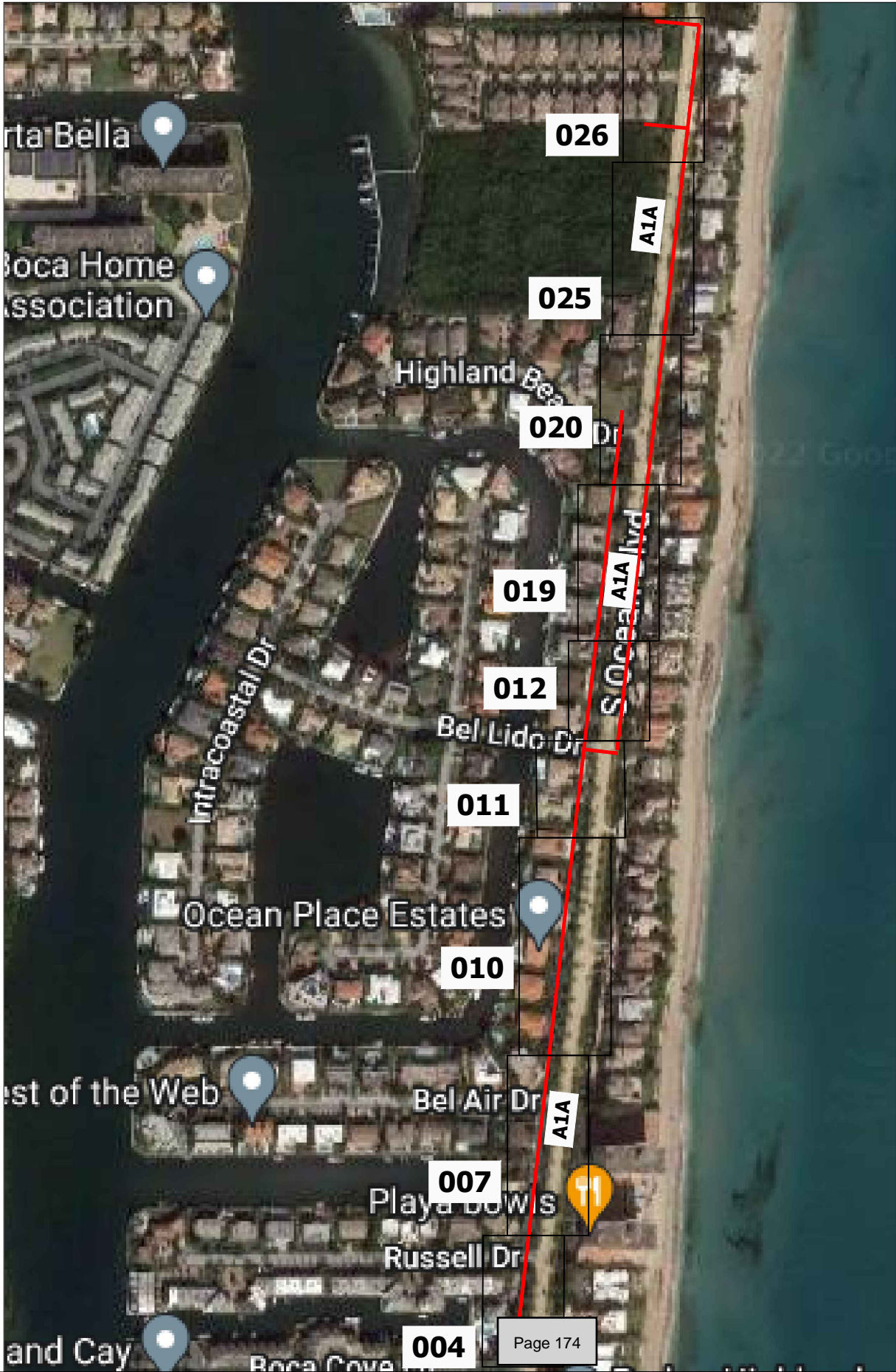
DISTRICT:
HIGHLAND BEACH

WIRE CENTER:
DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

KEY MAP



ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04


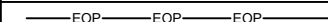






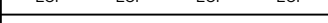




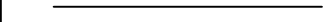
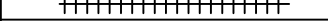

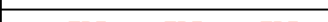






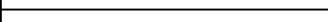




PROJECT ADDRESS:	
4300 A1A	
ENGINEER:	HERNANDEZ, JAVIER
ENG PR #:	305-929-2166
JOB NUMBER:	1W842020N
CFAS PROJECT NUMBER:	A029ELL
FILE NAME:	1W842020N_4300 A1A
SCALE:	N.T.S
PAGE:	002
OF:	040

- ALL UTILITY STRUCTURES INSTALLED BELOW GRADE, OF ANY TYPE, IN THE PALM BEACH COUNTY RIGHT - OF - WAY ARE REQUIRED TO HAVE TRAFFIC BEARING TOPS. THIS INCLUDES ALL VALVES BOXES, METER BOXES, HAND HOLES, SPLICE BOXES, STORM GRATES, MANHOLE TOPS, TRAFFIC BOXES ETC. THIS REQUIREMENT APPLIES TO STRUCTURES WITHIN THE SIDEWALKS, GRASSES AREAS AND/OR PAVEMENT.
- ALL PULL BOXES, HANDHOLES, ETC., IN PALM BEACH COUNTY RIGHT - OF - WAY ARE TO BE A MINIMUM OF TIER 15, (15K DESIGN LOAD/22.5 TEST LOAD) TRAFFIC BEARING IN LOCATIONS ARE SUBJECT TO OCCASIONAL TRAFFIC. PULL BOXES, HANDHOLES, ETC. IN THE ROADWAY (DELIBERATE VEHICULAR TRAFFIC APPLICATIONS) ARE TO BE A MINIMUM OF TIER 20.
- ANY DAMAGE TO PBC-TRAFFIC-ITS FACILITIES CAUSED BY THE CONSTRUCTION OF THIS PROJECT, MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AT NO COST TO PALM BEACH COUNTY TRAFFIC ITS.
- DAMAGE TO LOOPS OR ANY SIGNAL EQUIPMENT CAUSED BY THE CONSTRUCTION OF THIS PROJECT MUST BE REPAIRED OR REPLACED TO ORIGINAL OR BETTER CONDITION AT NO COST TO PALM BEACH COUNTY.
- NO EXCAVATION AROUND PALM BEACH COUNTY SIGNAL POLES WITHIN A 6 FOOT RADIUS FROM THE CENTER OF THE POLE. PLEASE SEE PALM BEACH COUNTY TRAFFIC SIGNAL INSTALLATION STANDARDS AND DETAILS 2019 DRAWING T-53.
- CONTRACTOR SHALL CONTACT PALM BEACH COUNTY TRAFFIC OPERATIONS AT 561-233-3900 FORTY-EIGHT (48) HOURS PRIOR TO CONSTRUCTION IF WORK IS BEING DONE WITHIN 10 FEET OF ANY SIGNAL EQUIPMENT.


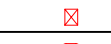
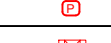
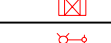
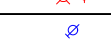

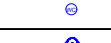
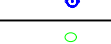
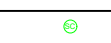




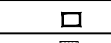

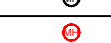
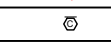
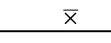
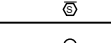

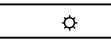


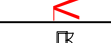
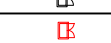






F.D.O.T NOTES:

1. LOCATE ALL UTILITIES / FACILITIES, INCLUDING STORMWATER DRAINAGE SYSTEMS,PRIOR TO START OF CONSTRUCTION. TO DETERMINE ACTUAL LOCATION & DEPTH OF OTHER FACILITIES. LOCATIONS SHOWN ON CROSS SECTIONS MAY NOT BE ACCURATE.
2. ALL UTILITY LOCATIONS WILL BE SPOT DUG FOR DEPTH VERIFICATION. TO DETERMINE DEPTH OF BORE, CONTRACTOR WILL COORDINATE THE DEPTH OF BORE WITH COUNTY INSPECTOR PRIOR TO ANY BORE BEING PERFORMED.
3. A SEPARATE PERMIT SHALL BE REQUIRED FROM COUNTY TO PERFORM SUBSURFACE UTILITY VERIFICATION (SUV) FOR TESTHOLES UNDER PAVEVENT.
4. CURRENT A.D.A STANDARDS SHALL BE UPHELD AT ALL TIMES.
5. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTY IN THE VICINITY OF THE CONSTRUCTION SITE
6. CONTRACTOR SHALL PROVIDE SAFE ACCESS PER F.O.O.1 STANDARD 600 SERIES REGULATIONS FOR ALL PEDESTRIAN TRAFFIC AND STANDARD 400 SERIES REGULATIONS ON ALL EXCAVATIONS OPENED IN THE TRAFFIC ZONE CONTROL AREA.
7. ALL CASINGS (HOPE) / DIRECTIONAL BORES SHALL EXTEND A MINIMUM OF SIX FEET (6) BEYOND EACH EDGE OF PAVEMENT (COMMERCIAL DRIVEWAYS INCLUDED).
8. ALL BURIED FACILITIES SHALL REQUIRE A MINIMUM DEPTH OF 36" AND 24" CLEARANCE FROM OTHER EXISTING UTILITIES.
9. ALL PROPOSED CABLE AND CONDUIT SHALL BE INSTALLED A MINIMUM OF 36" BELOW THE BOTTOM OF EXISTING AND PROPOSED SWALES AND DITCHES AND FEET BELOW THE BOTTOM OF CANALS. PRIMARY AND SECONDARY ORAINAGE SYSTEMS AND BOX CULVERTS.
10. ALL HANDHOLES WILL BE RATED TRAFFIC BEARING.
11. A MINIMUM CLEARANCE OF OVERHEAD WIRES AND CABLES SHALL BE 18 FEET OVER ROADWAYS AND 15 FEET OVER DRIVEWAYS.
12. CONTRACTOR SHALL RESTORE RIGHT-OF-WAY TO EQUAL OR BETTER CONDITION UPON COMPLETION OF WORK
13. ALL WORK PERFORMED WITHIN THE FOOT RIGHT-OF-WAY WITH THE 2021-22 FDOT STANDARD PLANS 2018 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE 2017 UTILITY ACCOMMODATION MANUAL.
14. PERMITTEE SHALL NOT BEGIN A DIRECTIONAL BORE ACROSS A STATE ROAD UNTIL AN FDOT INSPECTORS PRESENT AT THE JOB SITE AND AGREES THAT PROPER PREPARATION HAVE BEEN MADE.
15. AT &T MILL MAINTAIN 2' CLEARANCE BETWEEN PROPOSED BURIED CABLE AND EXISTING UTILITIES.

PBC UTILITY CONTACTS		
COMPANY	ENGINEERING & SURVEING CONTACT	PHONE
AMERICAN TRAFFIN SOLUTIONS	SANTIAGO MARTINEZ	(480) 596-4595
AT&T DISTRIBUTION	STEVE LOW	(954) 723-2540
PALM BEACH COUNTY	MATT BUCKNER	(561) 493-6101
COMCAST-BOCA DELRAY	TONY SPRINGSTEEL	(561) 804-0903
PALM BEACH COUNTY STORMWATER	TRACY WARD	(561) 494-1040
FLORIDA PUBLIC UTILITIES	DALE M. BUTCHER	(561) 366-1635
FPL- FIBERNET	DANNY HASKETT	(305) 552-2931
FPL- PALM BEACH	MARIO ESCALONA	(480) 219-9143
LEVEL 3 COMMUNICATIONS	NETWORK RELATIONS	(877) 366-8344 EXT 2
PALM BEACH COUNTY TRAFFIC OPERATION	SUPERINTENDENT	(561) 233-3900

LINE TYPES	
	EXISTING BURIED CABLE
	EXISTING FOC
	DIRECTIONAL BORE
	TRENCH
	AERIAL FOC
	PROPOSED AERIAL
	FENCE
	GRADE LEVEL
	EDGE OF PAVEMENT
	RIGHT OF WAY
	UTILITY EASEMENT
	CENTER LINE
	SIDEWALK
	PROPERTY LINE
	BUILDING
	RAILROAD
	POWER UNDERGROUND
	POWER AERIAL
	TRAFFIC
	TELCO
	GAS
	WATER MAIN
	SANITARY SEWER
	STORM DRAIN
	FORCE MAIN
	RECLAIMED WATER
	STREET LIGHT
	CATV BURIED

EXISTING UTILITY LOCATIONS OBTAINED FROM RECORD DRAWINGS AND/OR PROVIDED BY DEVELOPMENT ENGINEER.
ALL FACILITIES SUBJECT TO FIELD VERIFICATION.

LEGEND	
	POWER MANHOLE
	POWER TRANSFORMER
	POWER PEDESTAL
	TRAFFIC SIGNAL CABINET
	STREET LIGHT
	WATER VAULT/ SPRINKLER
	WATER METER
	WATER CAP
	FIRE HYDRANT
	SANITARY SEWER MANHOLE
	SANITARY CAP
	STORM DRAIN MANHOLE
	STORM DRAIN
	TELCO MANHOLE
	GAS VALVE
	PRPOSED NEW HANDHOLE
	EXISTING HANDHOLE
	DIG PIT
	EXISTING MANHOLE
	PROPOSED NEW MANHOLE
	CONCRETE POLE
	WOOD POLE
	METAL POLE
	TELCO POLE
	PROPOSED POLE
	LIGHT POLE
	POWER POLE
	PROPOSED ANCHOR & GUY
	PROPOSED SIDEWALK DOWNGUY
	EXISTING CABINET
	PROPOSED CABINET

UG CONSTRUCTION NOTES	
RESTORE ALL SURFACES TO EQUAL OR BETTER CONDITION	NO PROPOSED RUNNING LINE CHANGES ARE TO BE DONE WITHOUT AT&T APPROVAL.
VERIFY ALL MEASUREMENTS AND DISTANCES	
COORDINATE WITH THE LOCAL UTILITY PROVIDER AND PROVIDE THE CLEARANCES TO EXISTING UTILITIES ESTABLISHED BY THOSE AGENCIES. AT A MINIMUM, MAINTAIN 4 FT OF HORIZONTAL CLEARANCE BETWEEN PROPOSED UG UTILITIES (WALL TO WALL) AND A MINIMUM OF 12 INCHES OF VERTICAL CLEARANCE	MAINTAIN A MINIMUN BENDING RADIUS OF 5' ON ALL DUCT CONFIGURATION.

ATTSE


PERMITTING

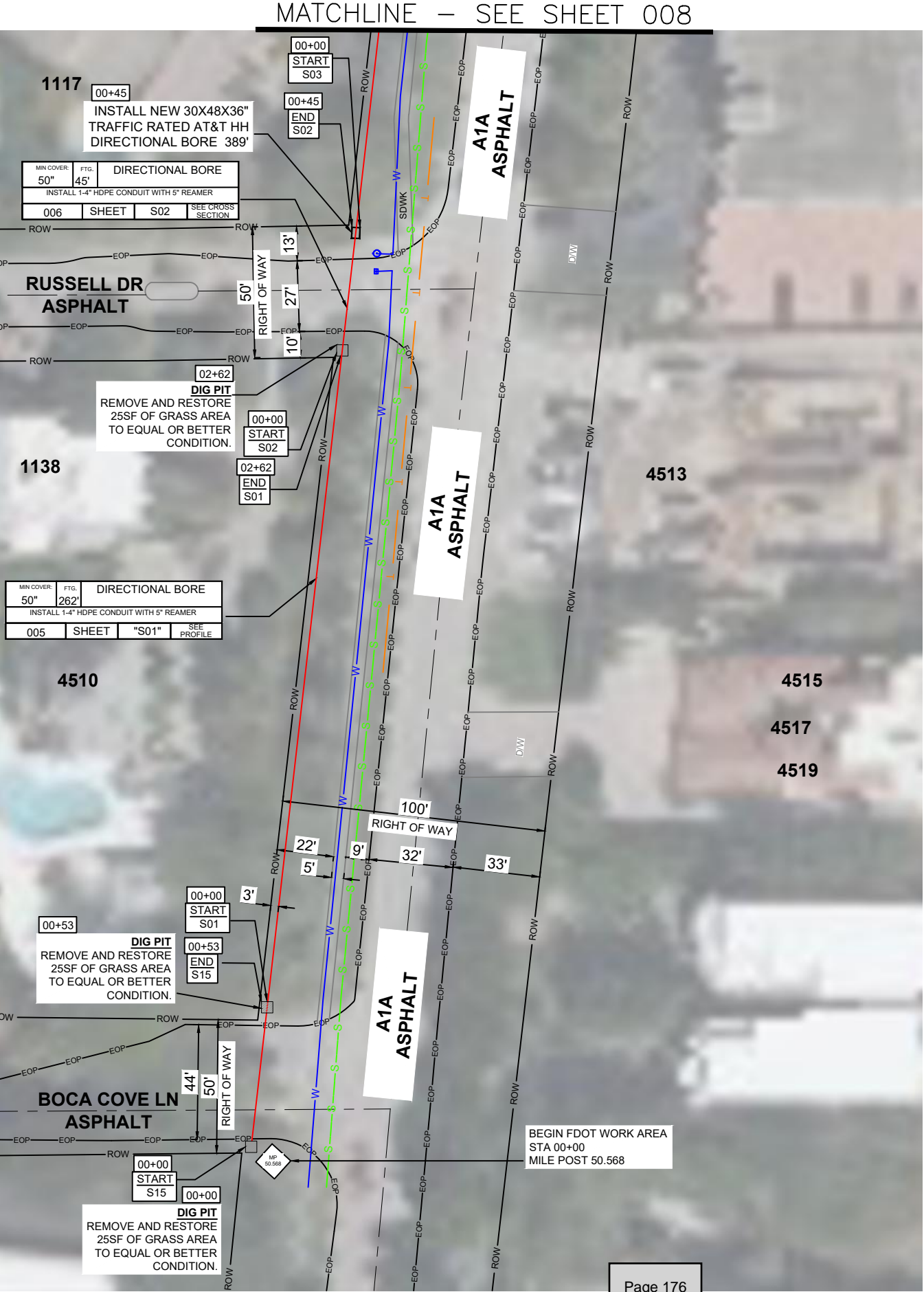
JURISDICTION:	
*	FDOT

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

REVISIONS/APPROVALS

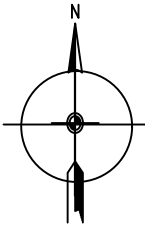
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03/21/2022	ORIGINAL SUBMITTAL	MT

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	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
PROJECT ADDRESS:		SECTION: 04
4300 A1A		
ENGINEER:	ENG PH #:	APPROVED
HERNANDEZ, JAVIER	305-929-2166	4/8/2022
JOB NUMBER:	C/FAS PROJECT NUMBER:	
1W842020N	A029ELL	
FILE NAME:		
1W842020N_4300 A1A		
SCALE:	PAGE:	OF:
N.T.S	003	040



PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	426'
TOTAL UNDER PAVEMENT:	71'



ATTSE

PERMITTING

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STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

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TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:
4300 A1A

ENGINEER:
HERNANDEZ, JAVIER
ENG. PH.#:
305-929-2166

JOB NUMBER:
1W842020N
CFAS PROJECT NUMBER:
A029ELL

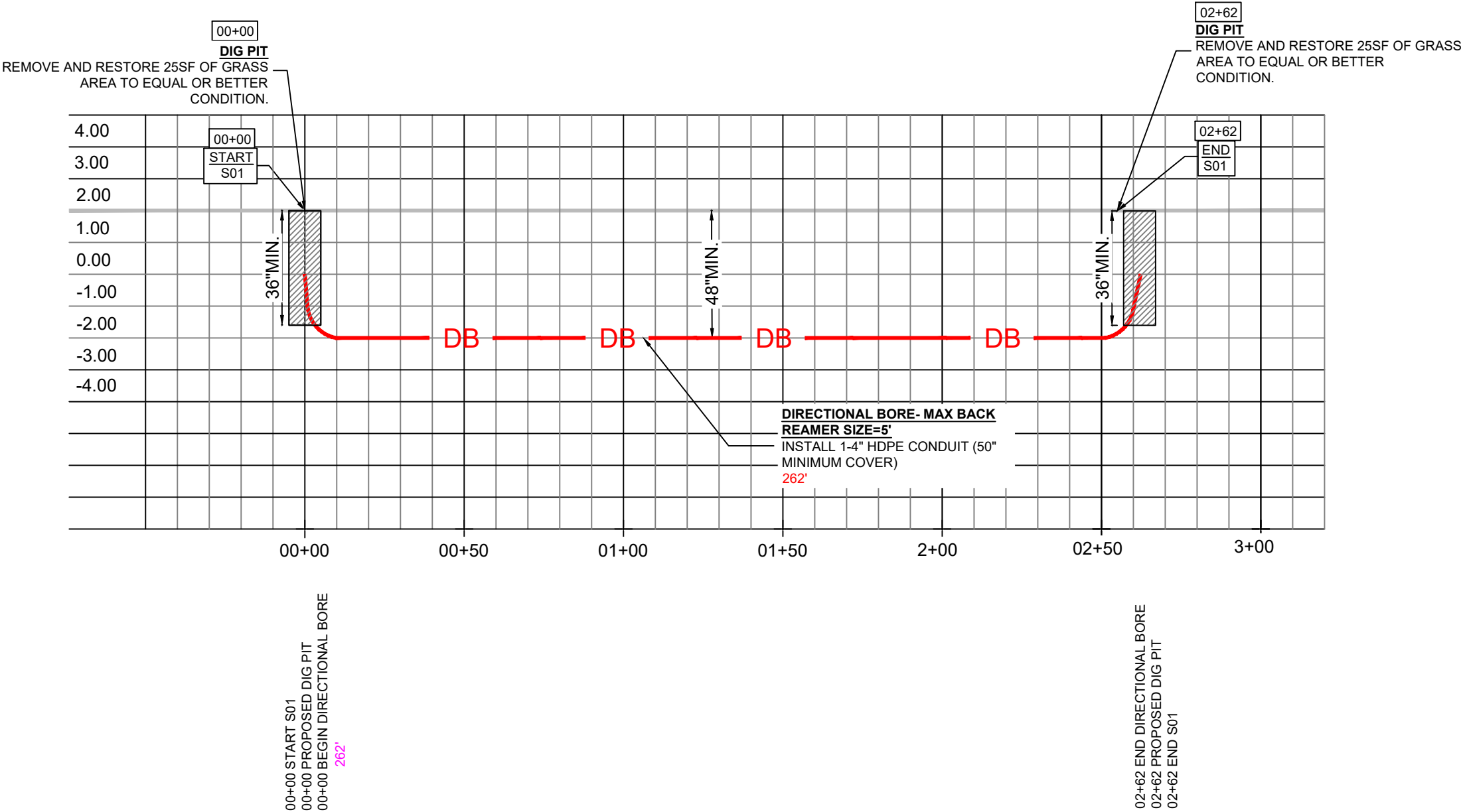
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SCALE: 1:50
PAGE: 004
OF: 040

PROFILE "S01" - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1' =10'

A1A LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.


ATTSE

PERMITTING

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* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

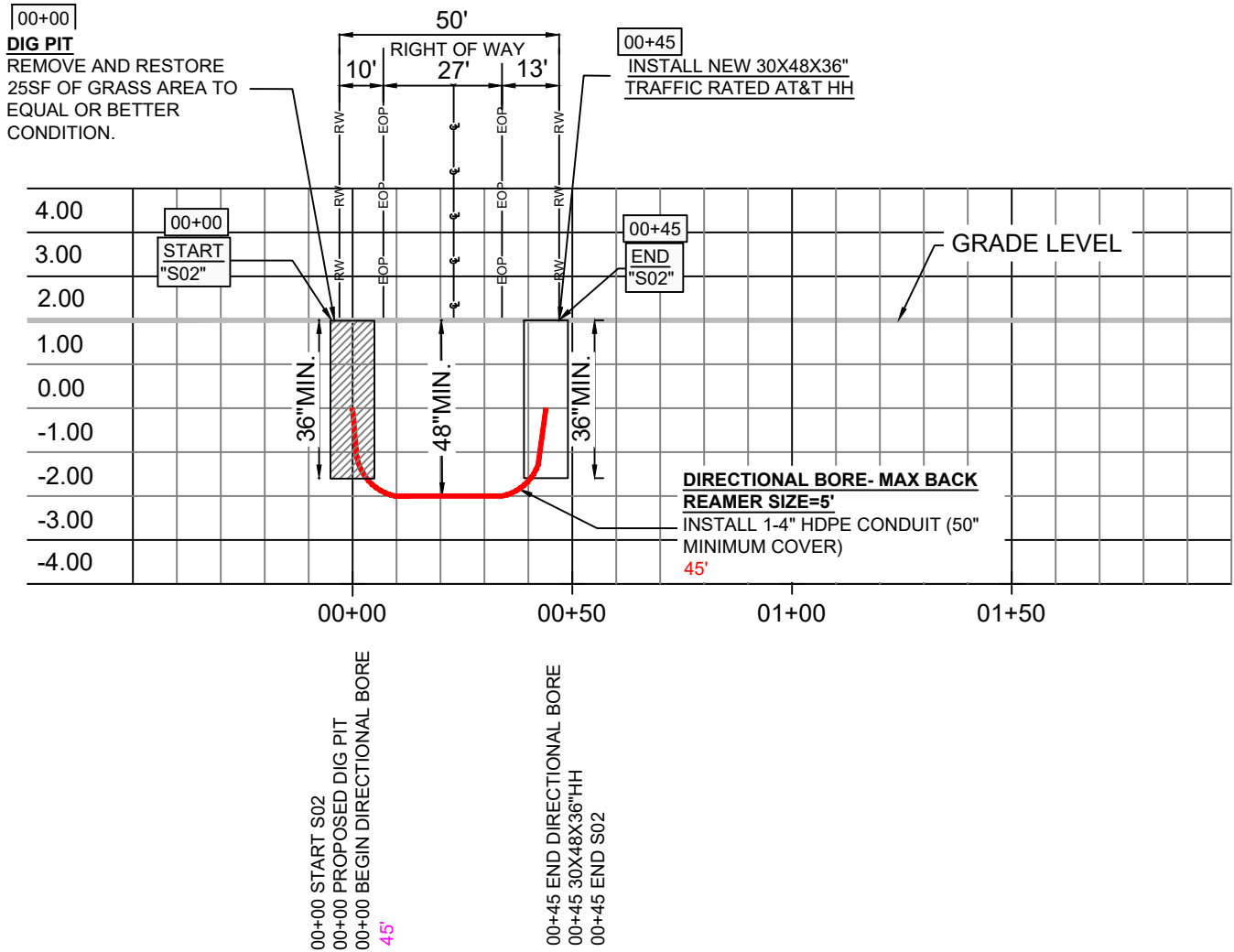
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DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 005 OF 040

CROSS SECTION -VIEW "S02"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

RUSSELL DR
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

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DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



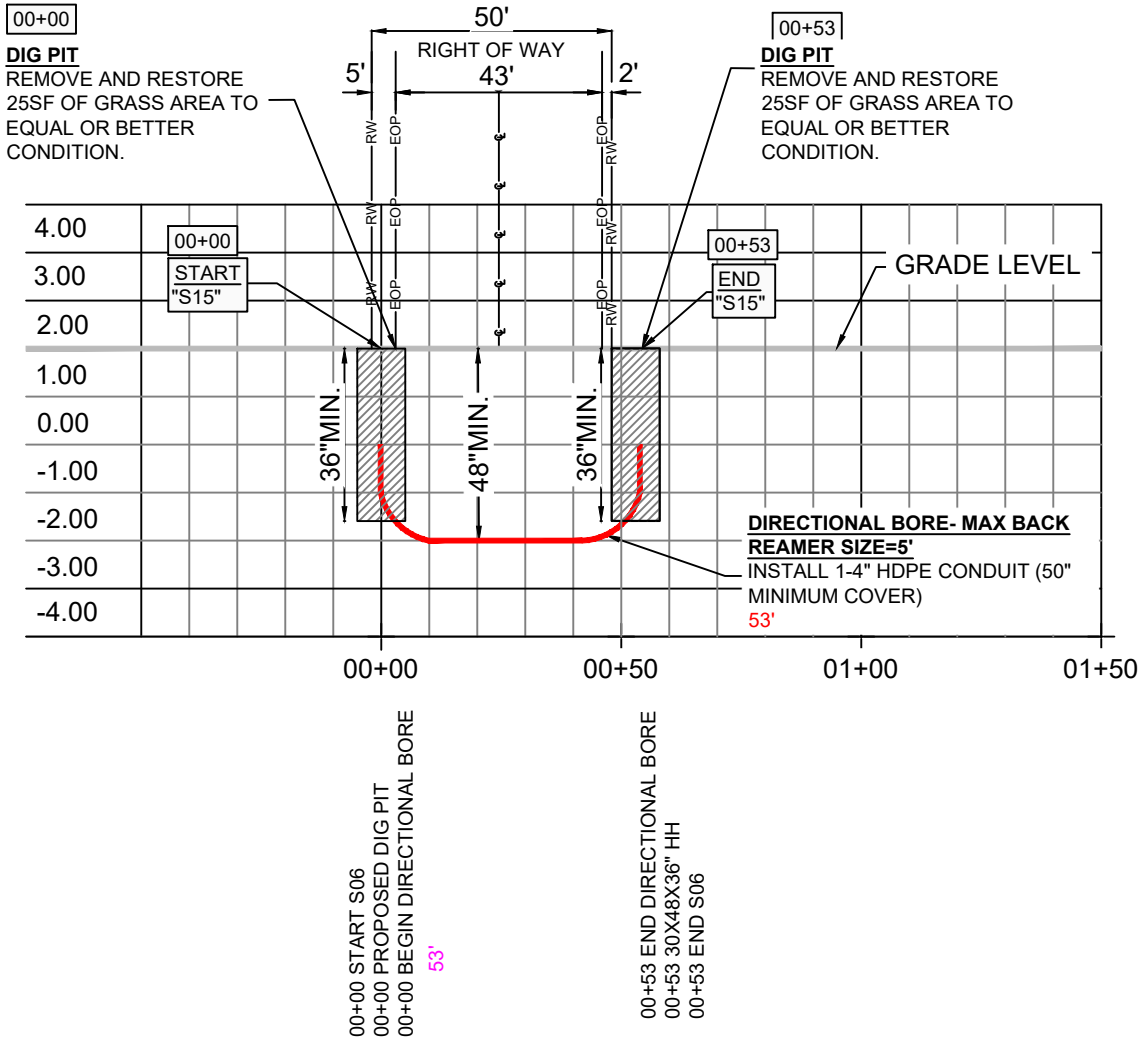
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CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

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4300 A1A		
ENGINEER:	ENG. PH. #:	
HERNANDEZ, JAVIER	305-929-2166	
JOB NUMBER:	CFAS PROJECT NUMBER:	
1W842020N	A029ELL	
FILE NAME:		
1W842020N_4300 A1A		
SCALE:	PAGE:	OF:
1:40	006	040

CROSS SECTION -VIEW "S15"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

BOCA COVE LN
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.


ATTSE

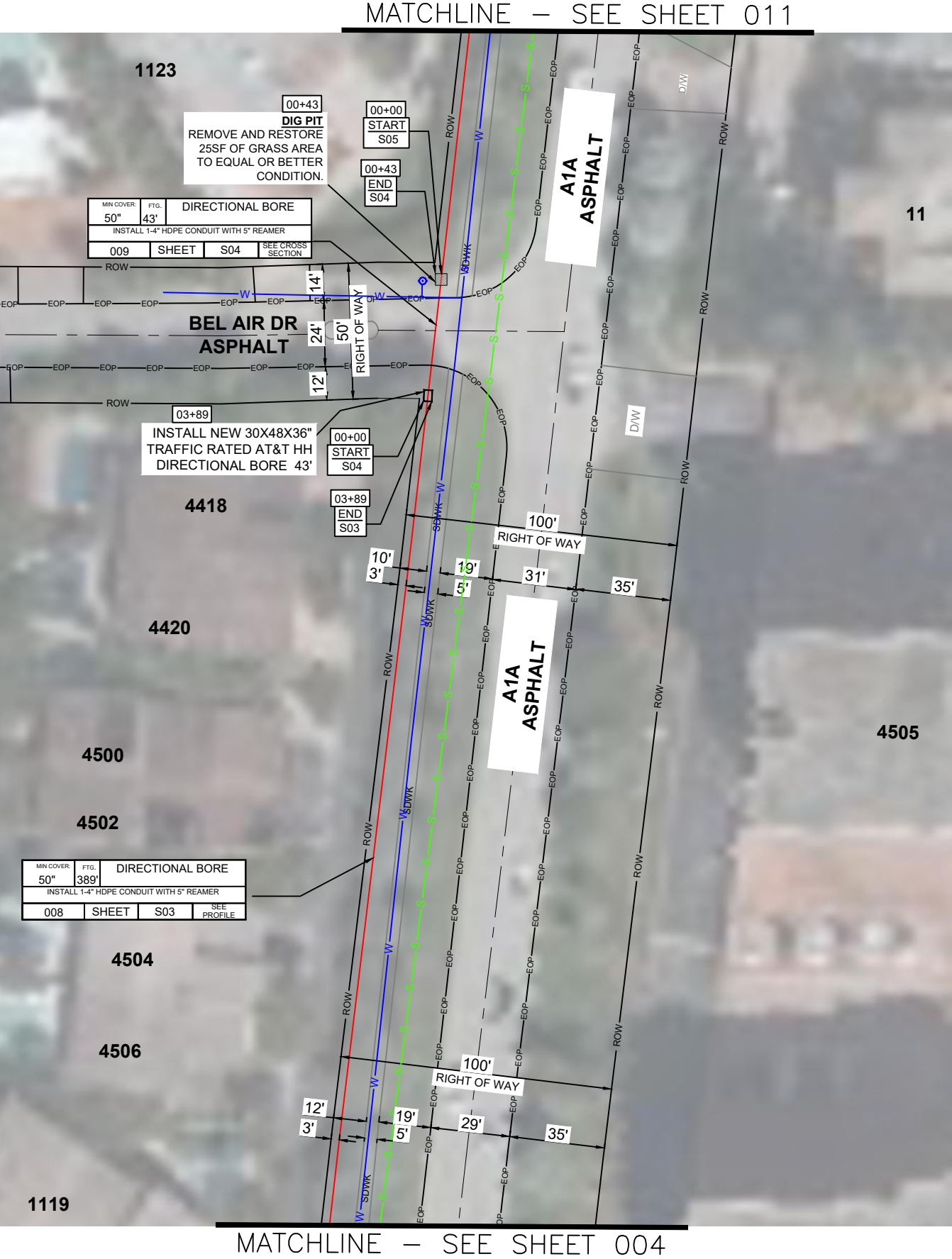
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JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

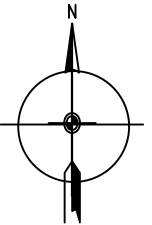
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DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 007 OF 040



PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	439'
TOTAL UNDER PAVEMENT:	24'



ATTSE

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EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

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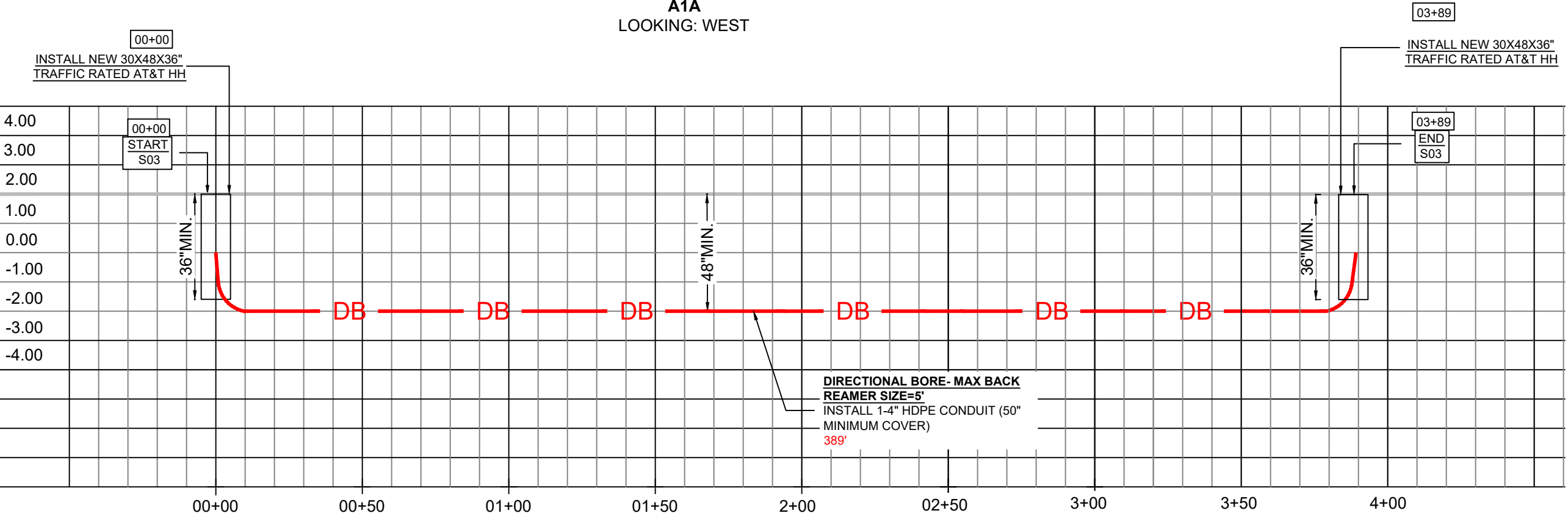
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CITY:	HIGHLAND BEACH
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RANGE:	43E
SECTION:	04

PROJECT ADDRESS:			4300 A1A		
ENGINEER:			HERNANDEZ, JAVIER		
			ENG PH #: 305-929-2166		
JOB NUMBER:			CFAS PROJECT NUMBER:		
1W842020N			A029ELL		
FILE NAME:					
1W842020N_4300 A1A					
SCALE:		PAGE:		OF:	
1:50		008		040	

PROFILE "S03" - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1' =10'

A1A
LOOKING: WEST



00+00 START S03
00+00 30X48X36" HH
00+00 BEGIN DIRECTIONAL BORE
389'

03+89 END DIRECTIONAL BORE
03+89 30X48X36" HH
03+89 END S03

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

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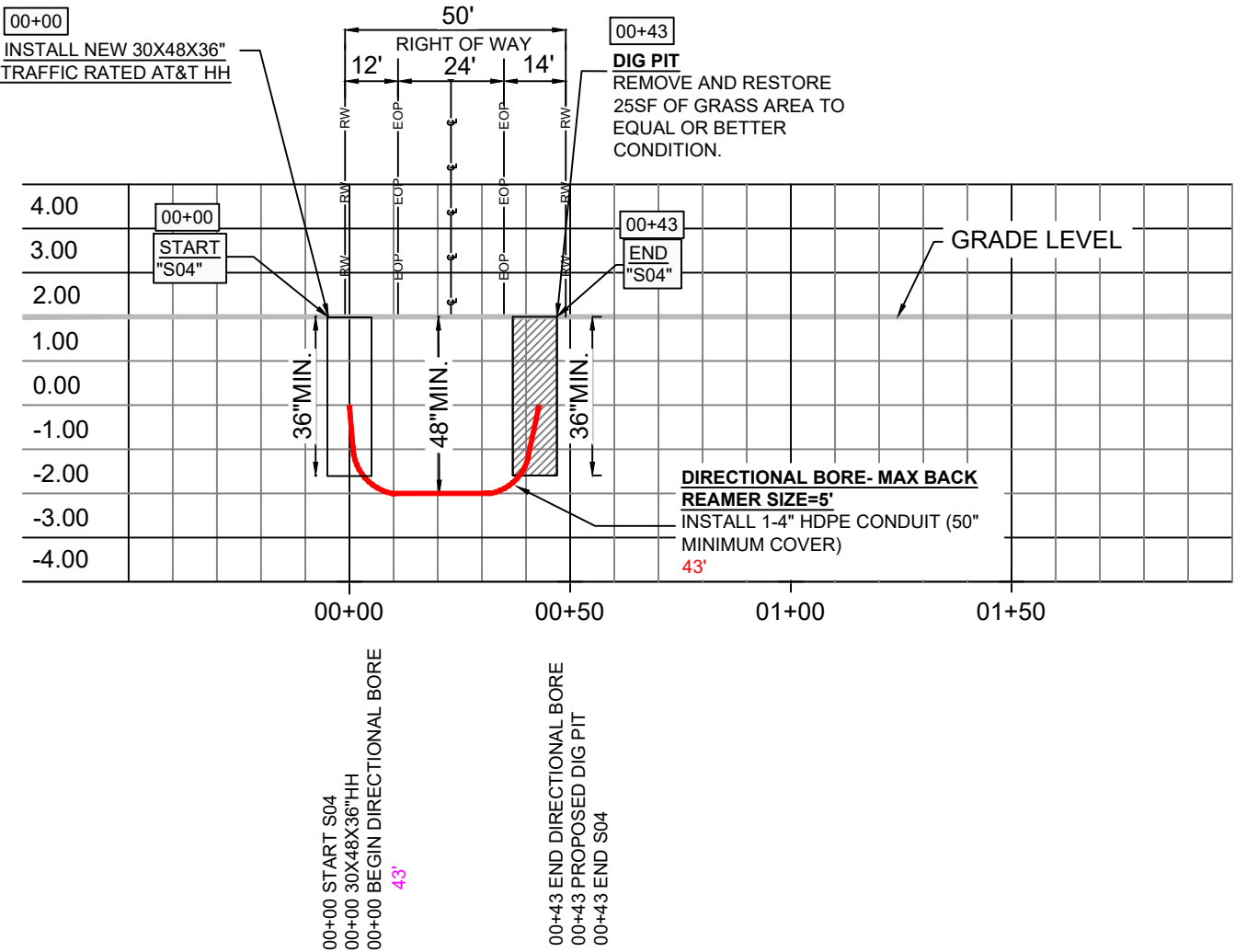
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CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 009 OF 040

CROSS SECTION -VIEW "S04"

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1" =10"

BEL AIR DR
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING


JURISDICTION:

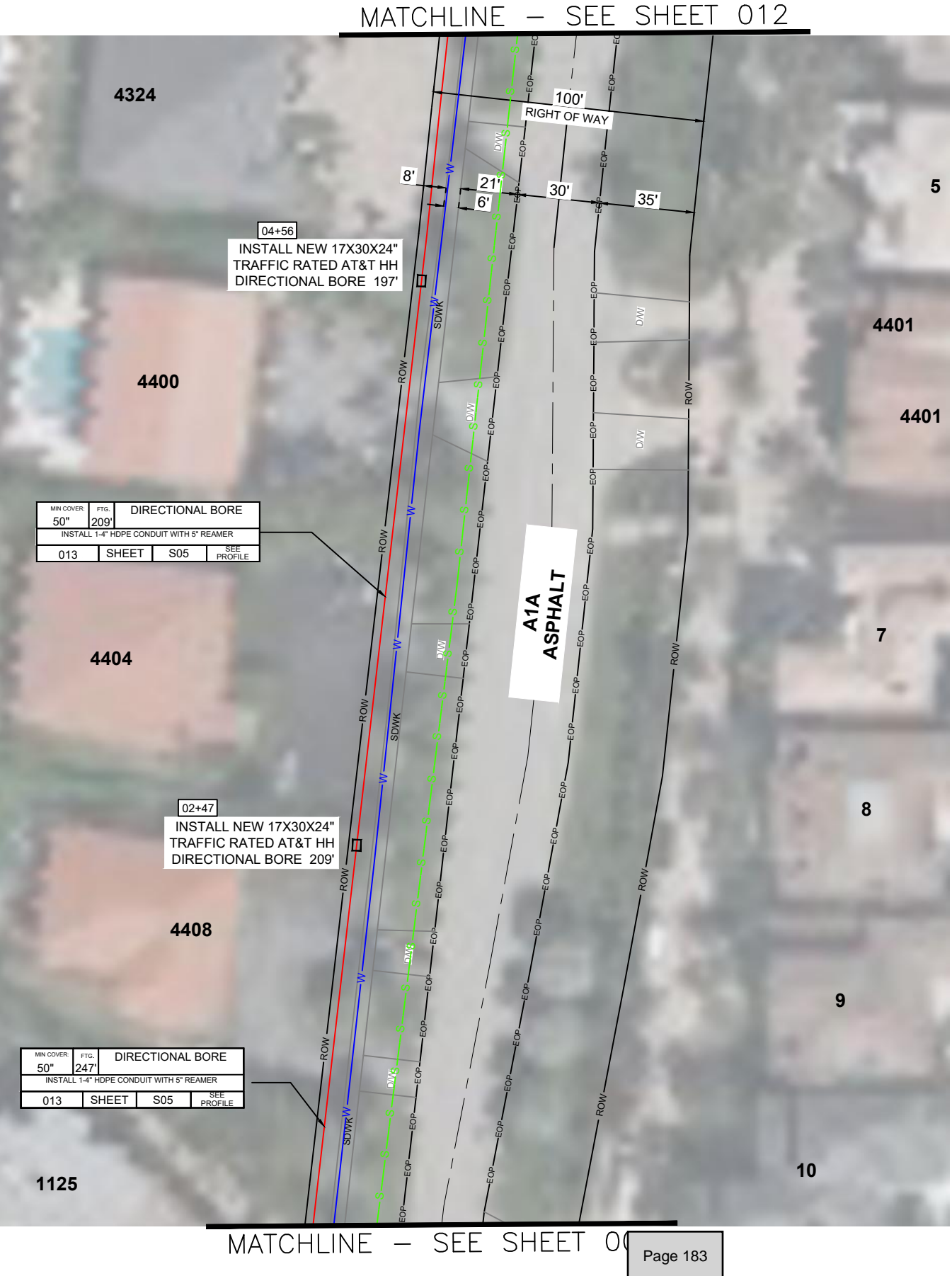
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

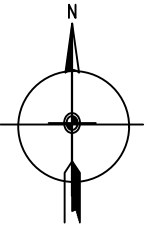
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 010 OF 040



PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	440'
TOTAL UNDER PAVEMENT:	0'



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PERMITTING

JURISDICTION:
* FDOT

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

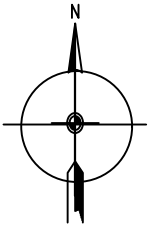
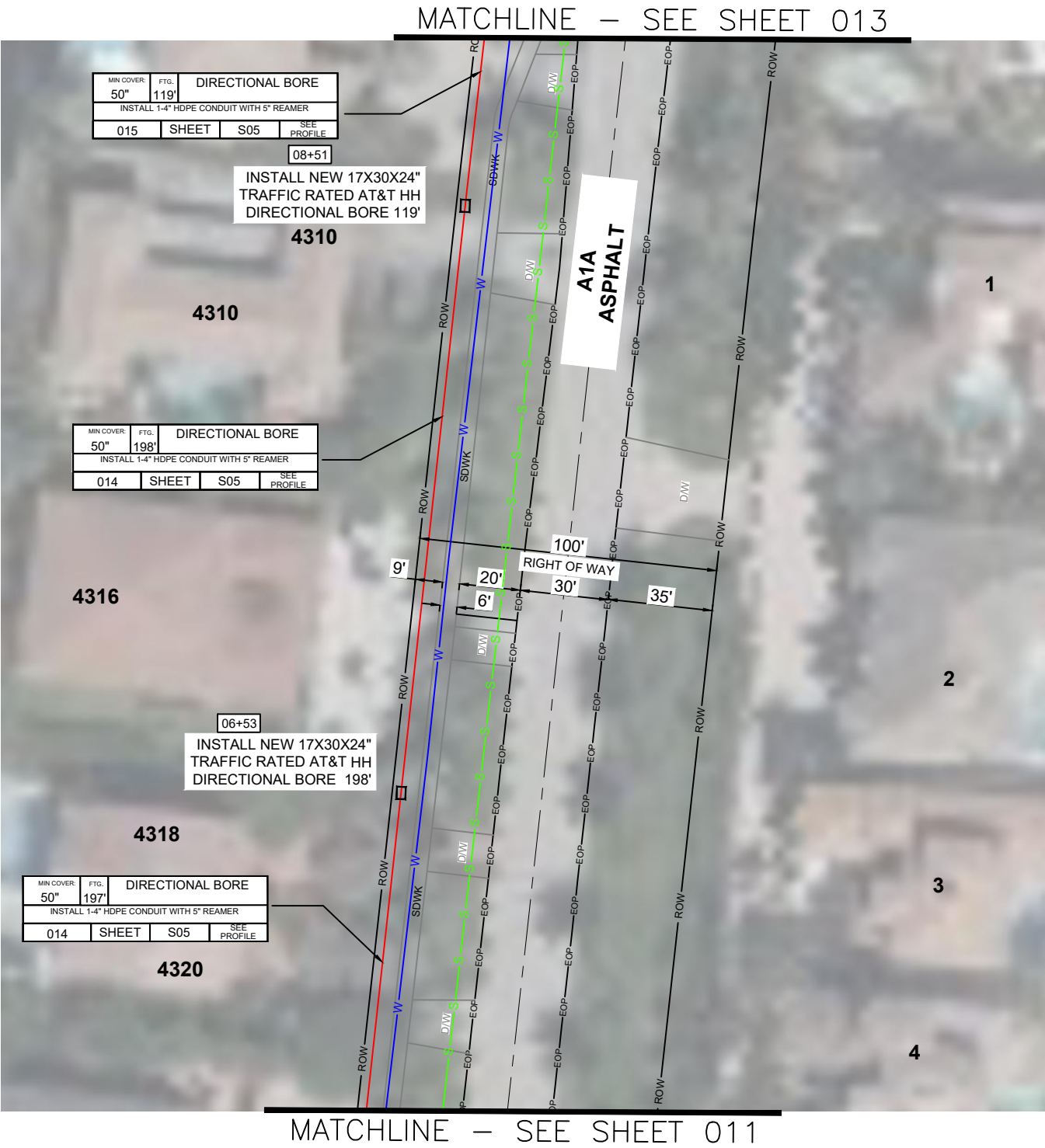


COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:		
4300 A1A		
ENGINEER:	ENG. PH. #	
HERNANDEZ, JAVIER	305-929-2166	
JOB NUMBER:	CFAS PROJECT NUMBER:	
1W842020N	A029ELL	
FILE NAME:		
1W842020N_4300 A1A		
SCALE:	PAGE:	OF:
1:50	011	040

PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	361'
TOTAL UNDER PAVEMENT:	0'



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PERMITTING

JURISDICTION:
* FDOT

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

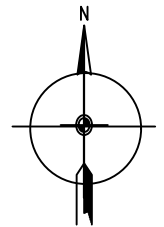
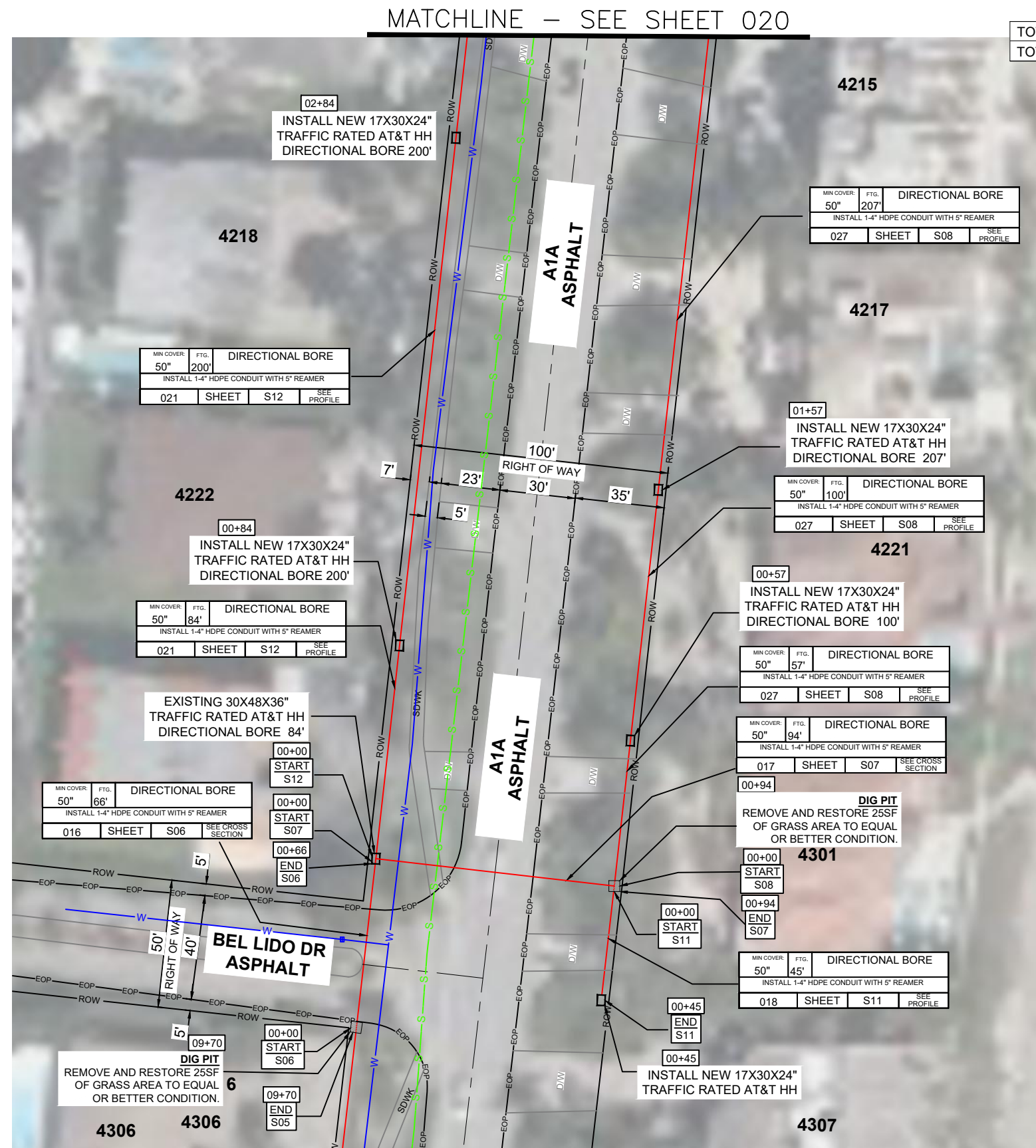
REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		
4300 A1A		
ENGINEER:	HERNANDEZ, JAVIER	ENG. PH. # 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_4300 A1A	
SCALE:	1:50	PAGE: 012 OF 040

PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	909'
TOTAL UNDER PAVEMENT:	75'



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JURISDICTION:

★ FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



Know what's **below**.
Call before you dig.

COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:
4300 A1A

ENGINEER:	ENG PH #
HERNANDEZ, JAVIER	305-929-2166

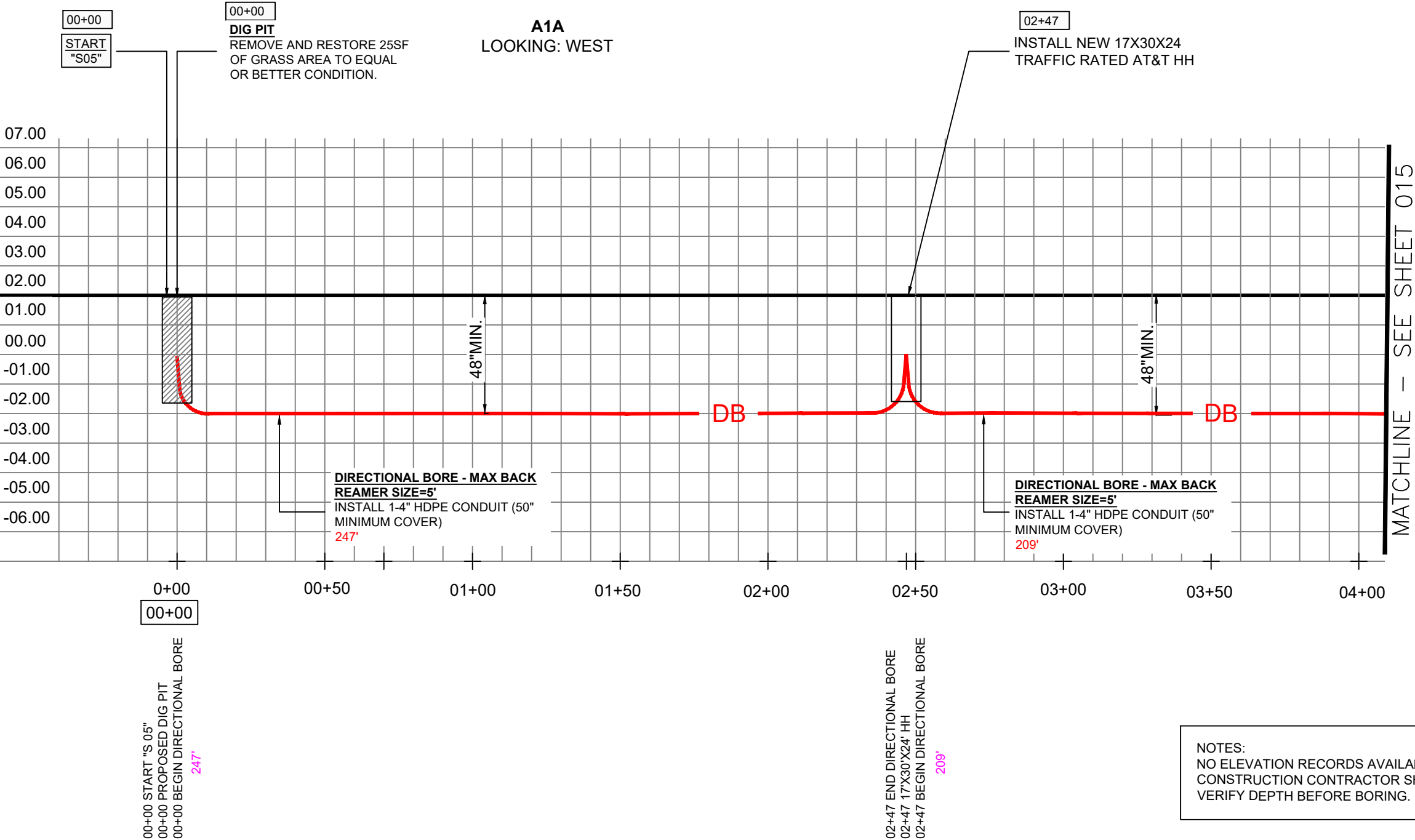
JOB NUMBER: 1W/842020N	CFAS PROJECT NUMBER: A029ELL
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FILE NAME:
1W842020N 4300 A1A

SCALE:	PAGE:	OF:
1:50	013	040

PROFILE VIEW "S05"- A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"



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JURISDICTION:
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STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



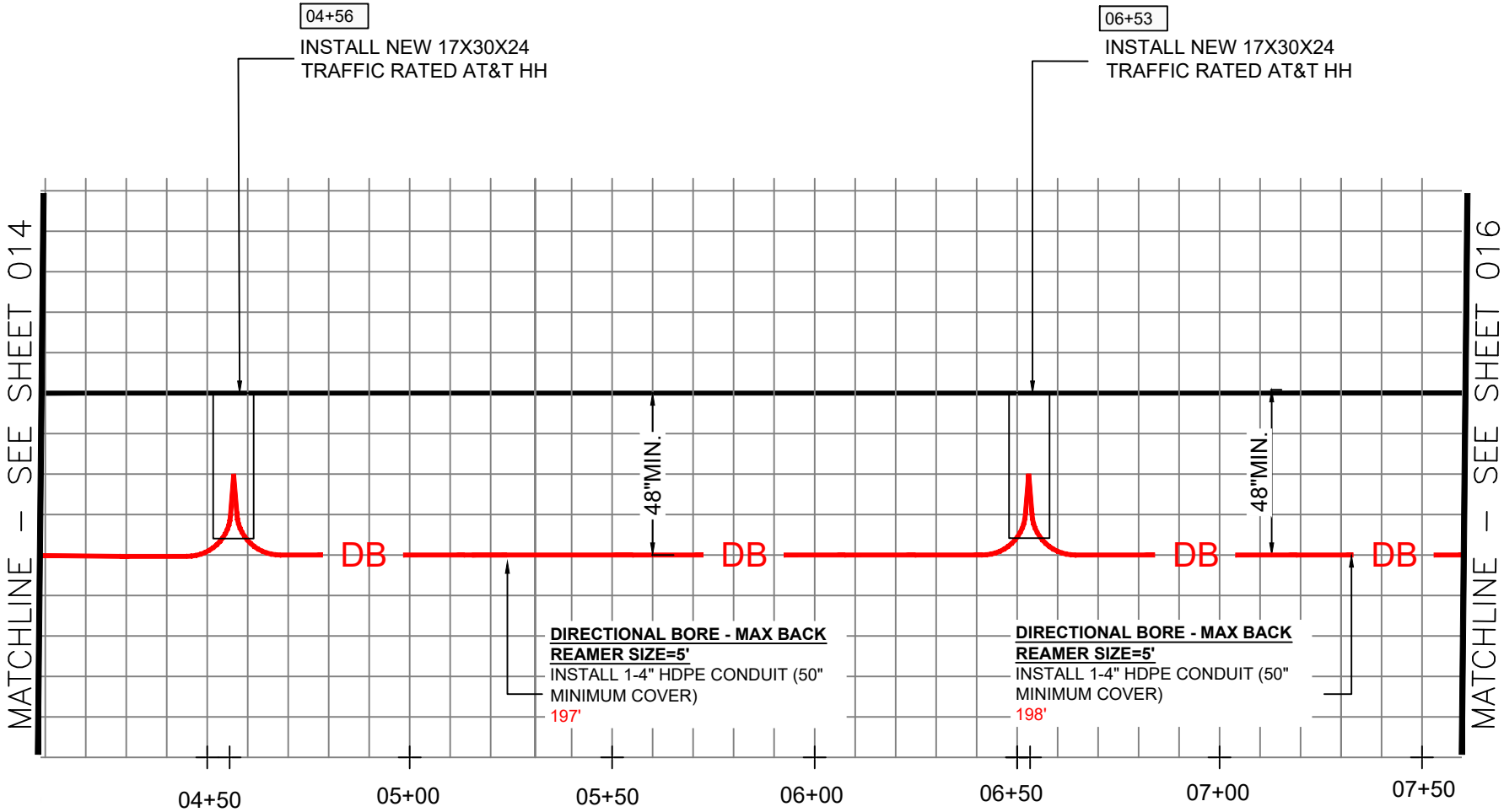
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 014 OF 040

PROFILE VIEW "S05" - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



04+56 END DIRECTIONAL BORE
04+56 17X30X24' HH
04+56 BEGIN DIRECTIONAL BORE
197'

06+53 END DIRECTIONAL BORE
06+53 17X30X24' HH
06+53 BEGIN DIRECTIONAL BORE
198'

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

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PERMITTING

JURISDICTION:
• FDOT

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS:
4300 A1A

ENGINEER: HERNANDEZ, JAVIER ENG. PH. # 305-929-2166

JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL

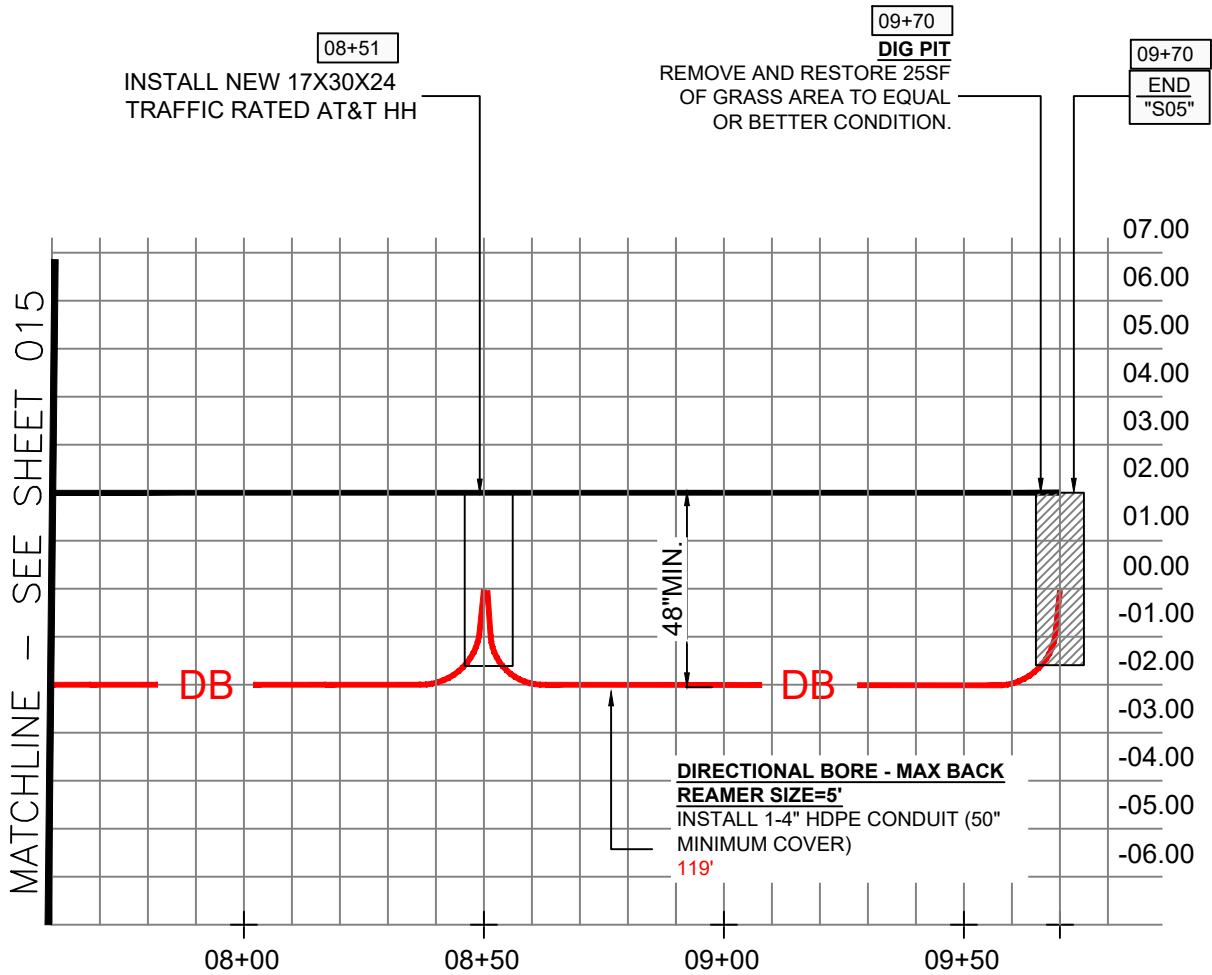
FILE NAME: 1W842020N_4300 A1A

SCALE: 1:40 PAGE: 015 OF 040

PROFILE VIEW "S05"- A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



08+51 END DIRECTIONAL BORE
08+51 17X30X24' HH
08+51 BEGIN DIRECTIONAL BORE

119'

09+70 END DIRECTIONAL BORE
09+70 PROPOSED DIG PIT
09+70 END "S"

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



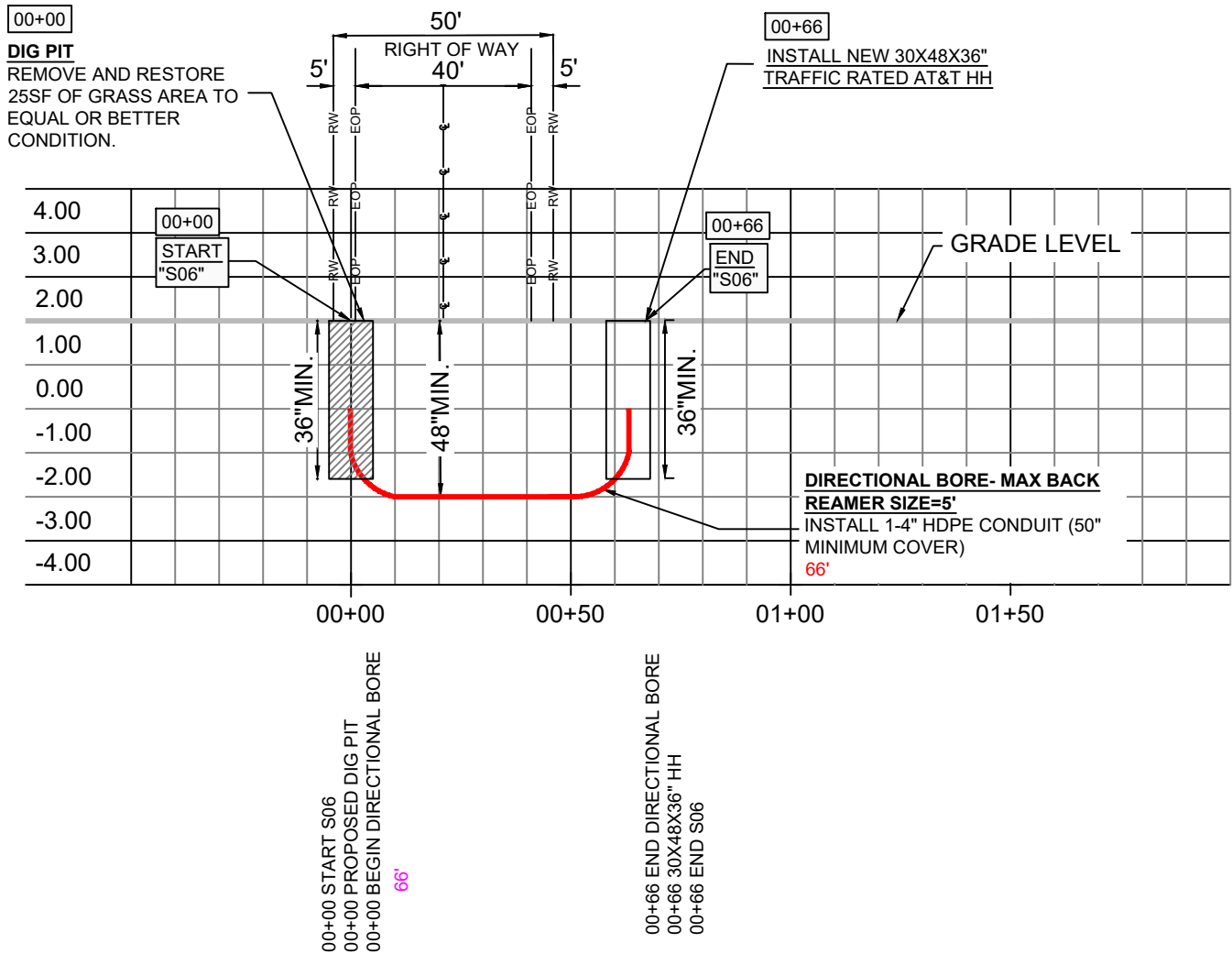
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:		
4300 A1A		
ENGINEER:	ENG. PH. #	
HERNANDEZ, JAVIER	305-929-2166	
JOB NUMBER:	CFAS PROJECT NUMBER:	
1W842020N	A029ELL	
FILE NAME:		
1W842020N_4300 A1A		
SCALE:	PAGE:	OF:
1:40	016	040

CROSS SECTION -VIEW "S06"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

BEL LIDO DR
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING


JURISDICTION:

• FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

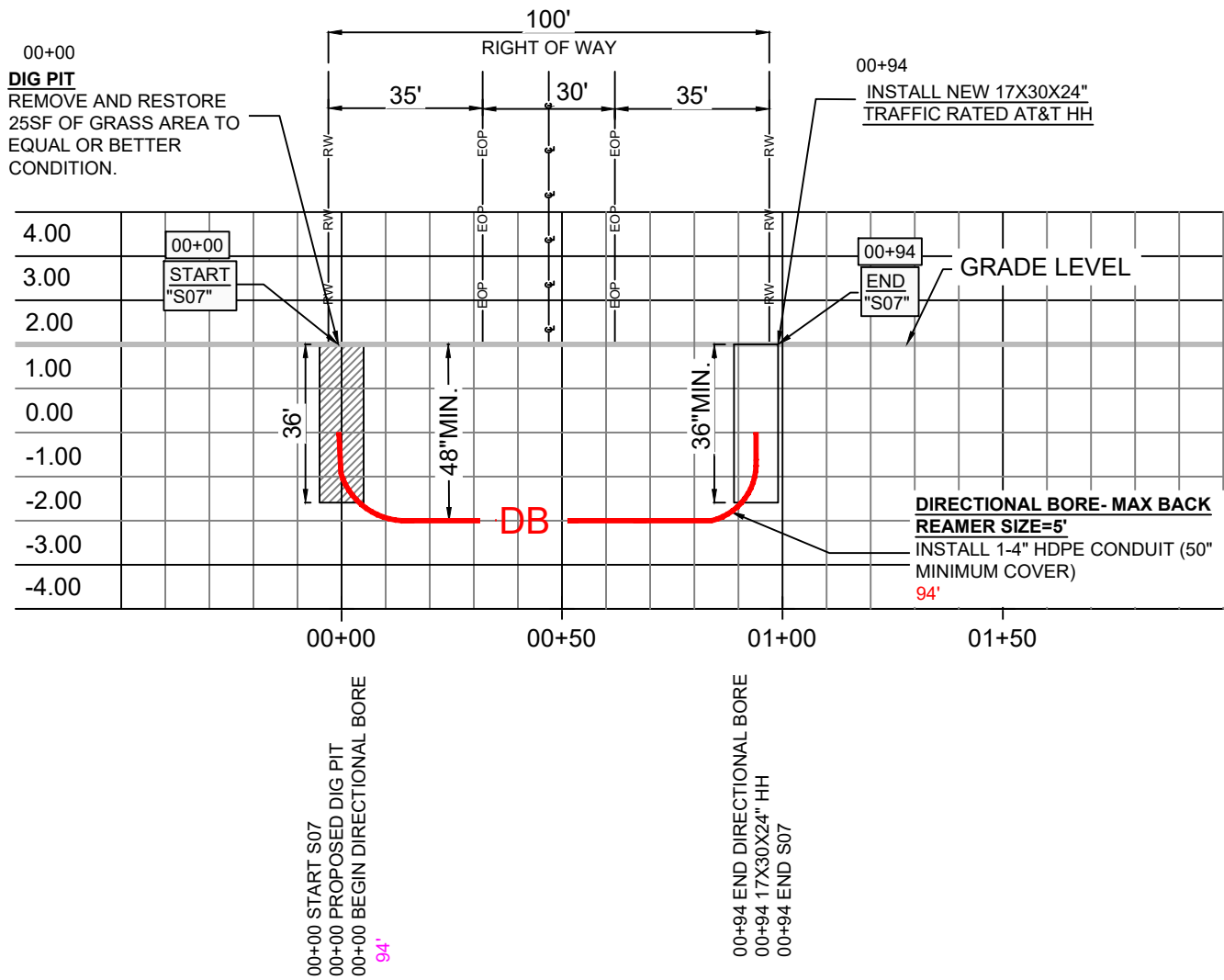
 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

PROJECT ADDRESS:	
4300 A1A	
ENGINEER:	ENG. PH.#
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER:	CFAS PROJECT NUMBER:
1W842020N	A029ELL
FILE NAME:	
1W842020N_4300 A1A	
SCALE:	PAGE: OF:
1:40	017 040

CROSS SECTION -VIEW "S07"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A LOOKING: NORTH



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE


PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

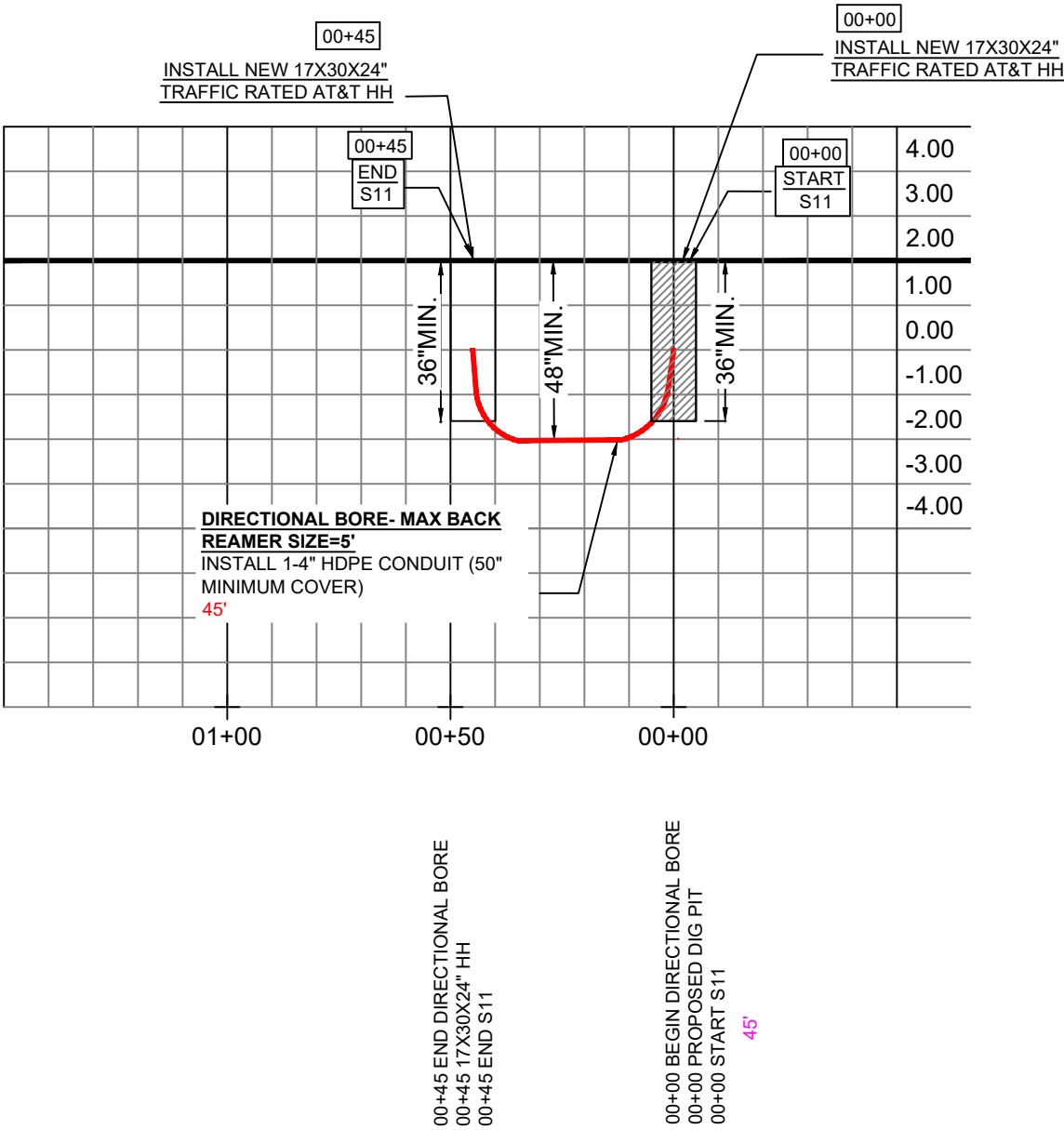
 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04

PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 018 OF 040

PROFILE VIEW "S11" - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



00+45 END DIRECTIONAL BORE
00+45 17X30X24" HH
00+45 END S11

00+00 BEGIN DIRECTIONAL BORE
00+00 PROPOSED DIG PIT
00+00 START S11

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE


PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

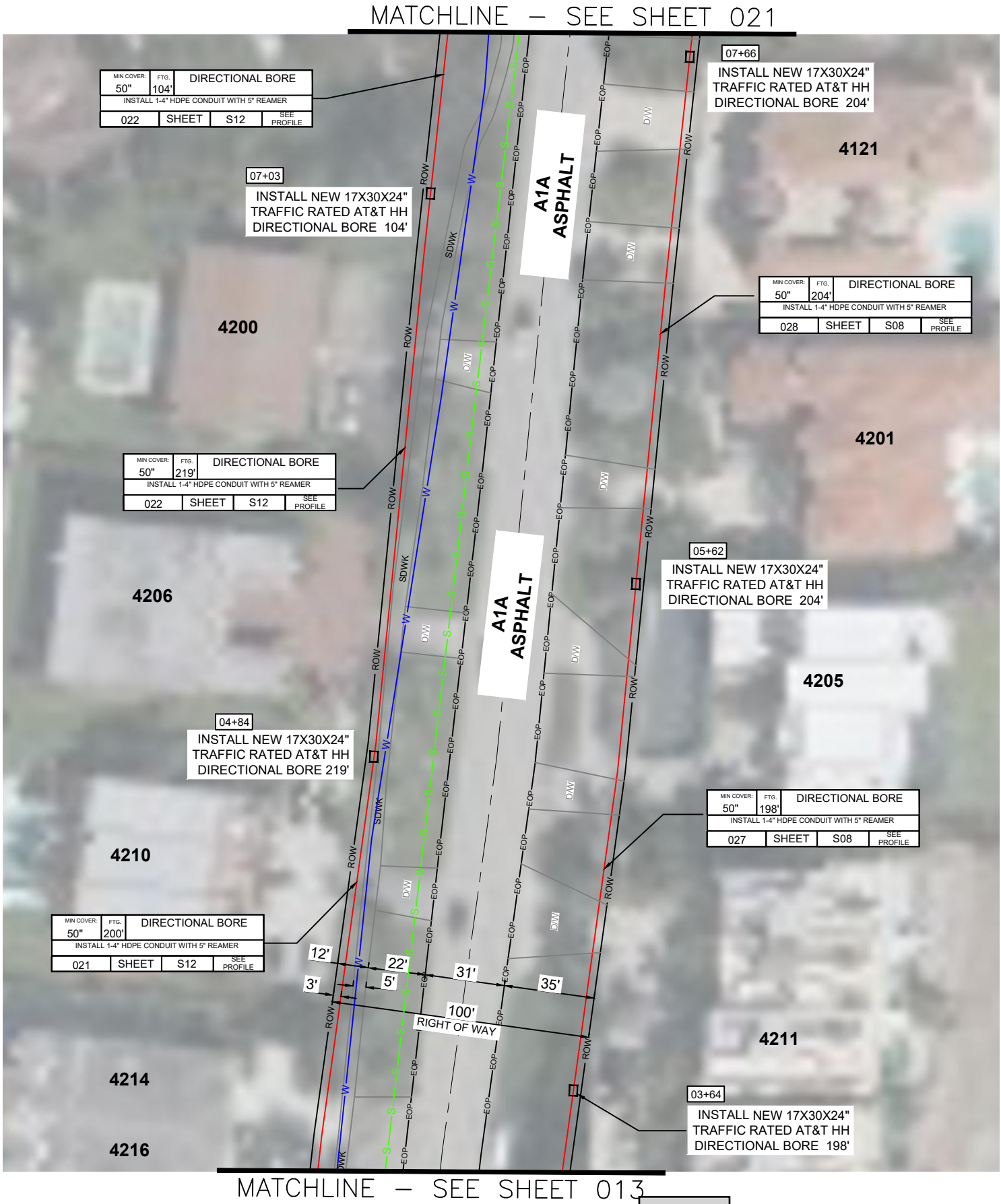
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04

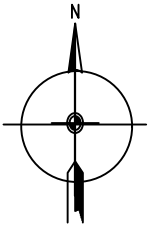
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 019 OF 040

PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	880'
TOTAL UNDER PAVEMENT:	0'



MATCHLINE – SEE SHEET 013



ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

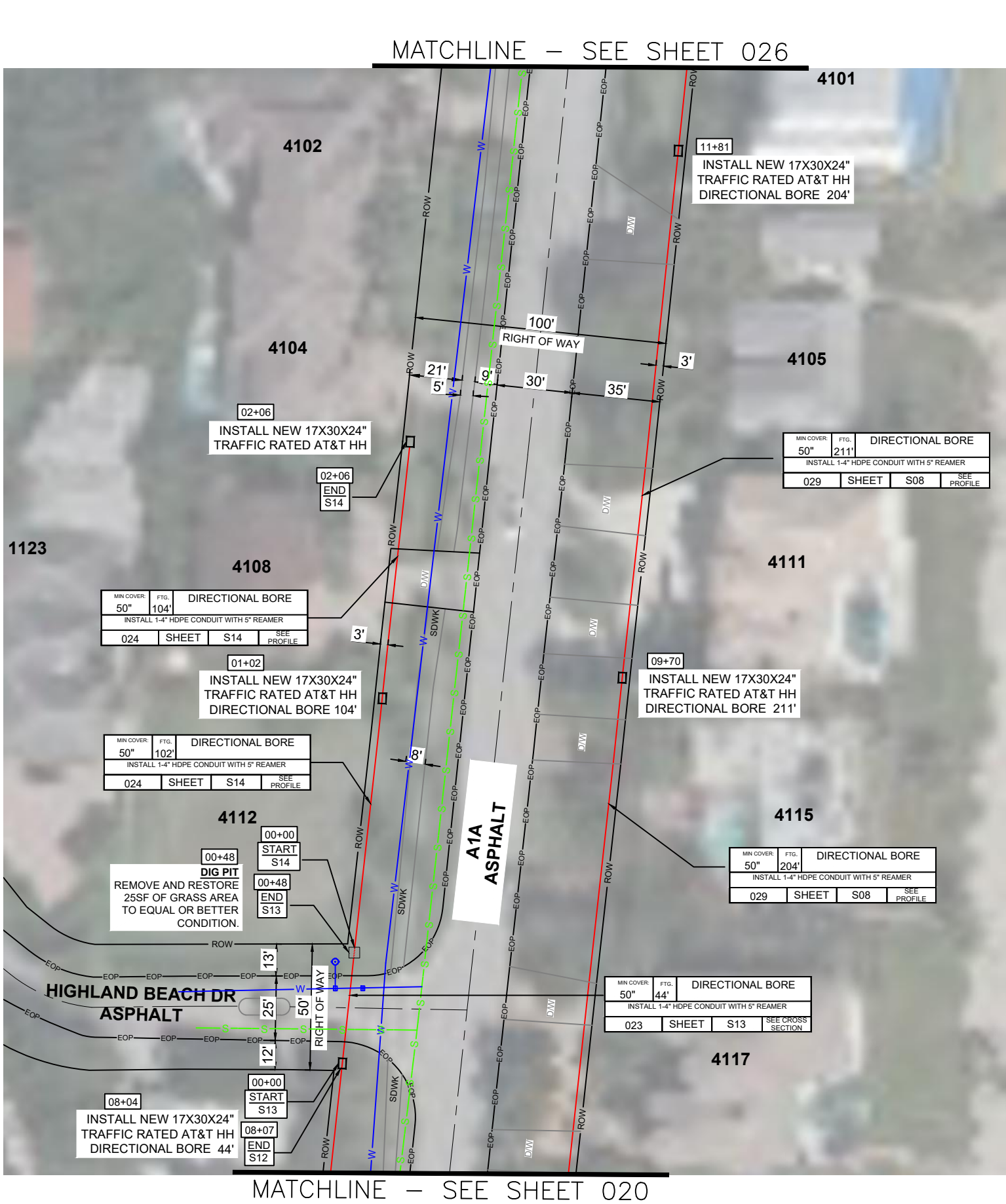
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



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Call before you dig.

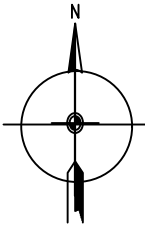
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:			4300 A1A		
ENGINEER:			HERNANDEZ, JAVIER		
			ENG. PH. #		
			305-929-2166		
JOB NUMBER:			CFAS PROJECT NUMBER:		
1W842020N			A029ELL		
FILE NAME:					
1W842020N_4300 A1A					
SCALE:		PAGE:		OF:	
1:50		020		040	



PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	734'
TOTAL UNDER PAVEMENT:	27'



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PERMITTING

JURISDICTION:

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STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



Know what's below.
Call before you dig.

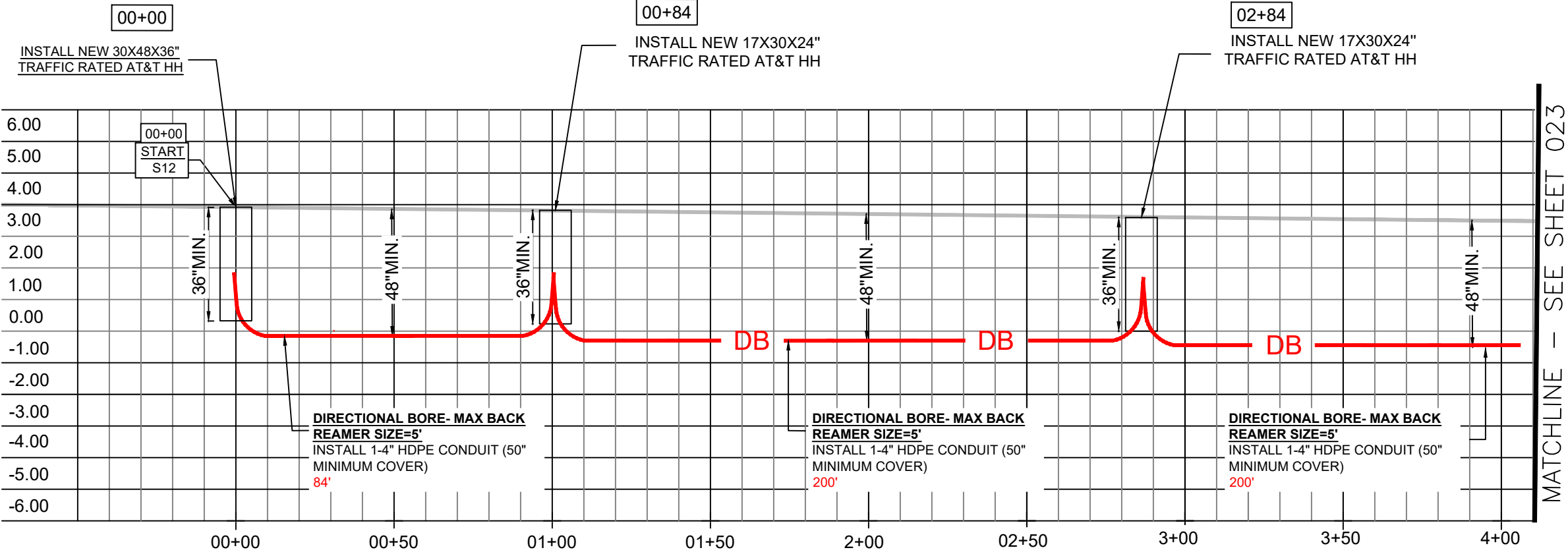
COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:			4300 A1A		
ENGINEER:			ENG. PH. #		
HERNANDEZ, JAVIER			305-929-2166		
JOB NUMBER:			CFAS PROJECT NUMBER:		
1W842020N			A029ELL		
FILE NAME:					
1W842020N_4300 A1A					
SCALE:		PAGE:		OF:	
1:50		021		040	

PROFILE VIEW "S12"- A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1' =10'

A1A DR
LOOKING: WEST



00+00 START S12
00+00 30X48X36\"/>

00+84 END DIRECTIONAL BORE
00+84 17X30X24\"/>

02+84 END DIRECTIONAL BORE
02+84 17X30X24\"/>

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



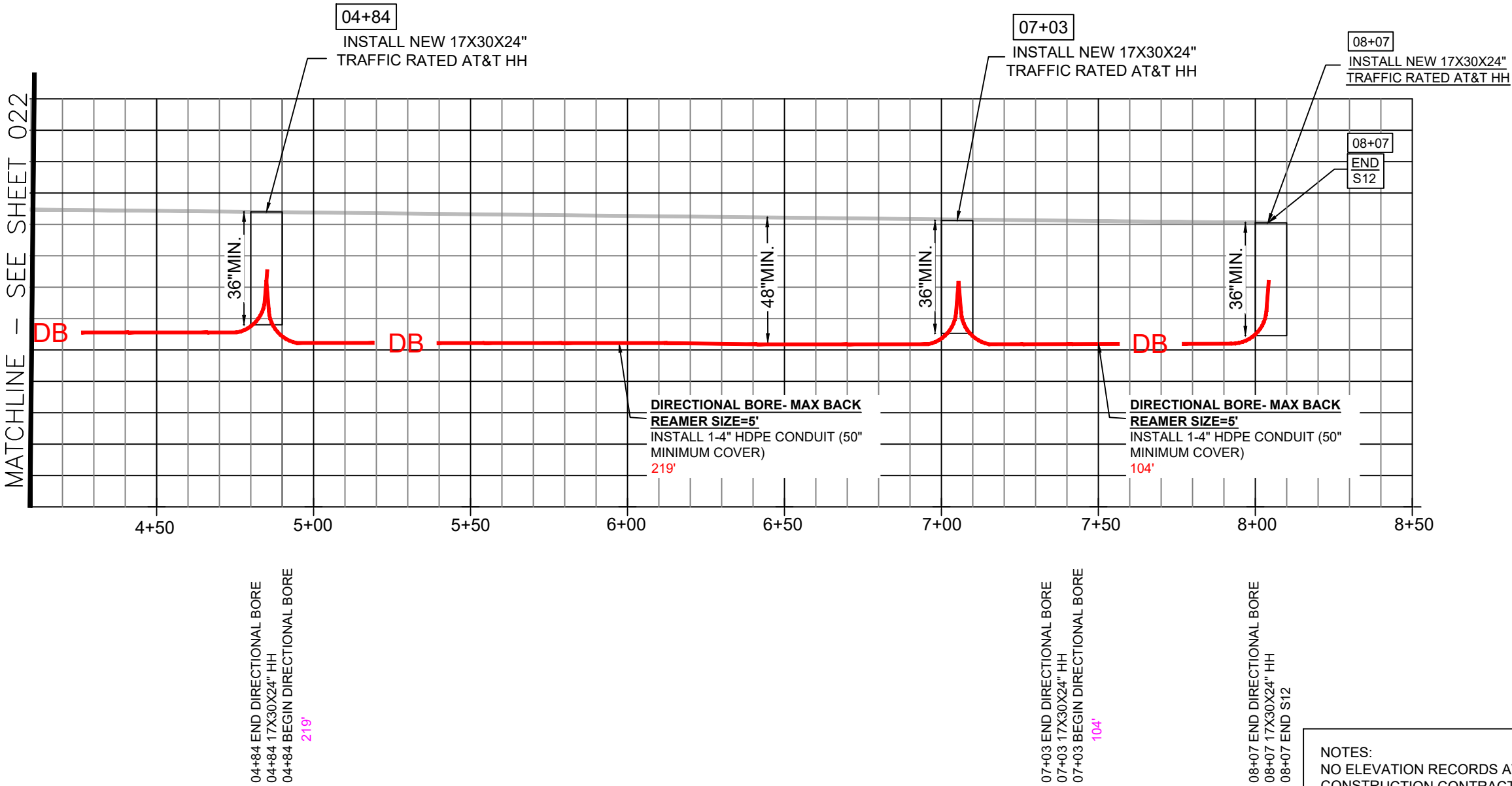
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 022 OF 040

PROFILE VIEW "S12"- A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1' =10'

A1A DR
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



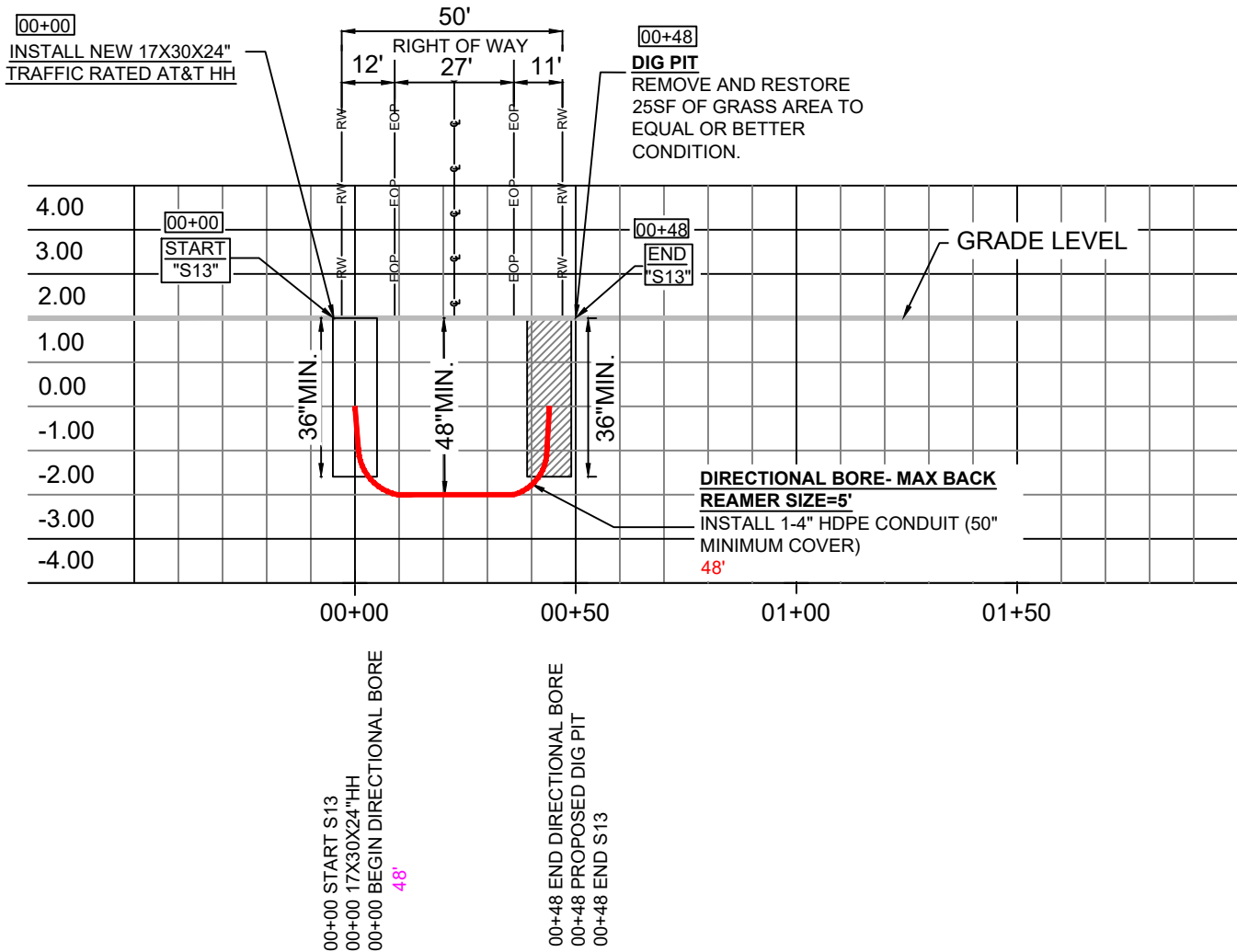
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A
ENGINEER: HERNANDEZ, JAVIER ENG. PH.# 305-929-2166
JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A
SCALE: 1:40 PAGE: 023 OF: 040

CROSS SECTION -VIEW "S13"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

HIGHLAND BEACH DR
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE


PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

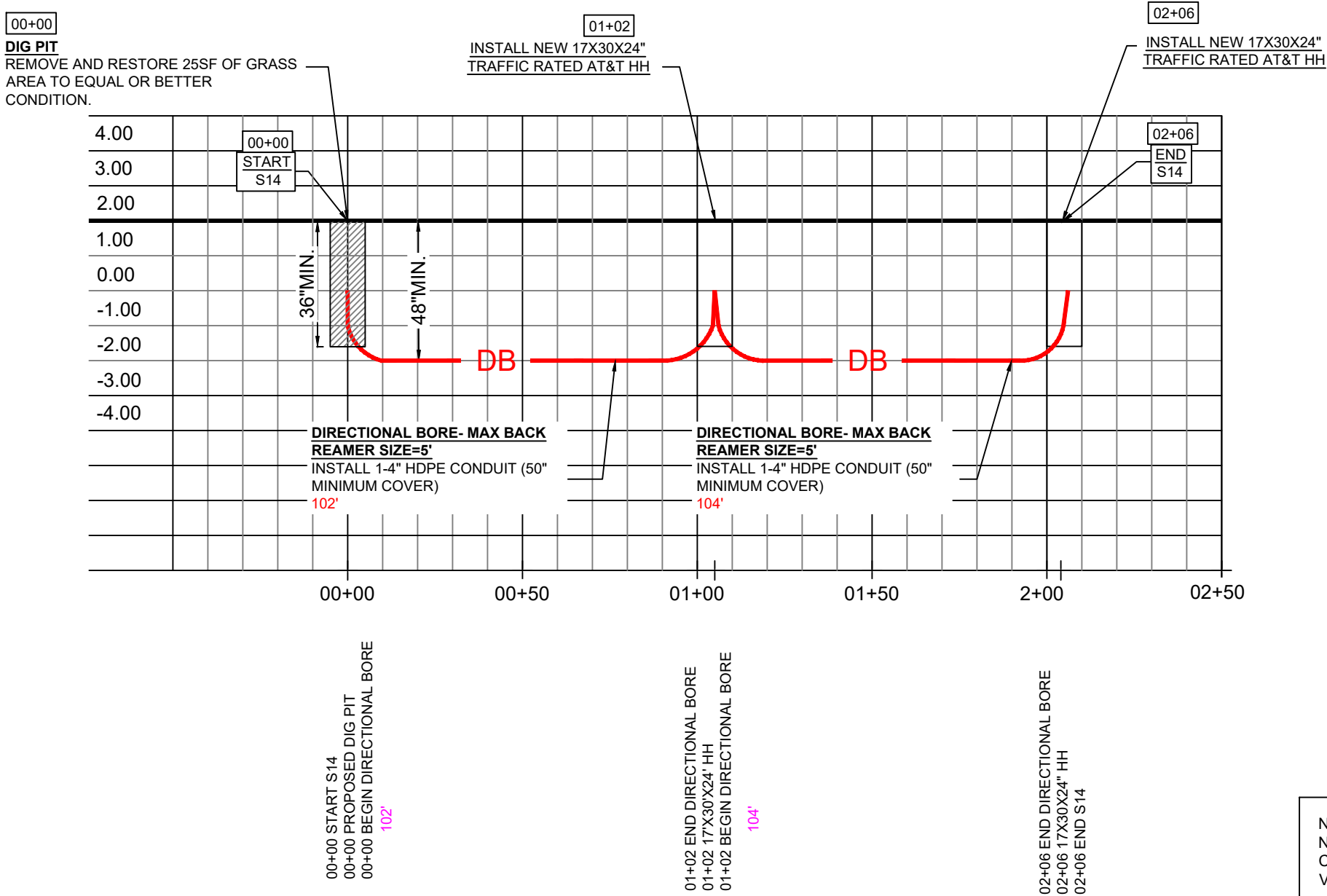
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 024 OF 040

PROFILE VIEW 'S14'- A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1' =10'

A1A
LOOKING: WEST



NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

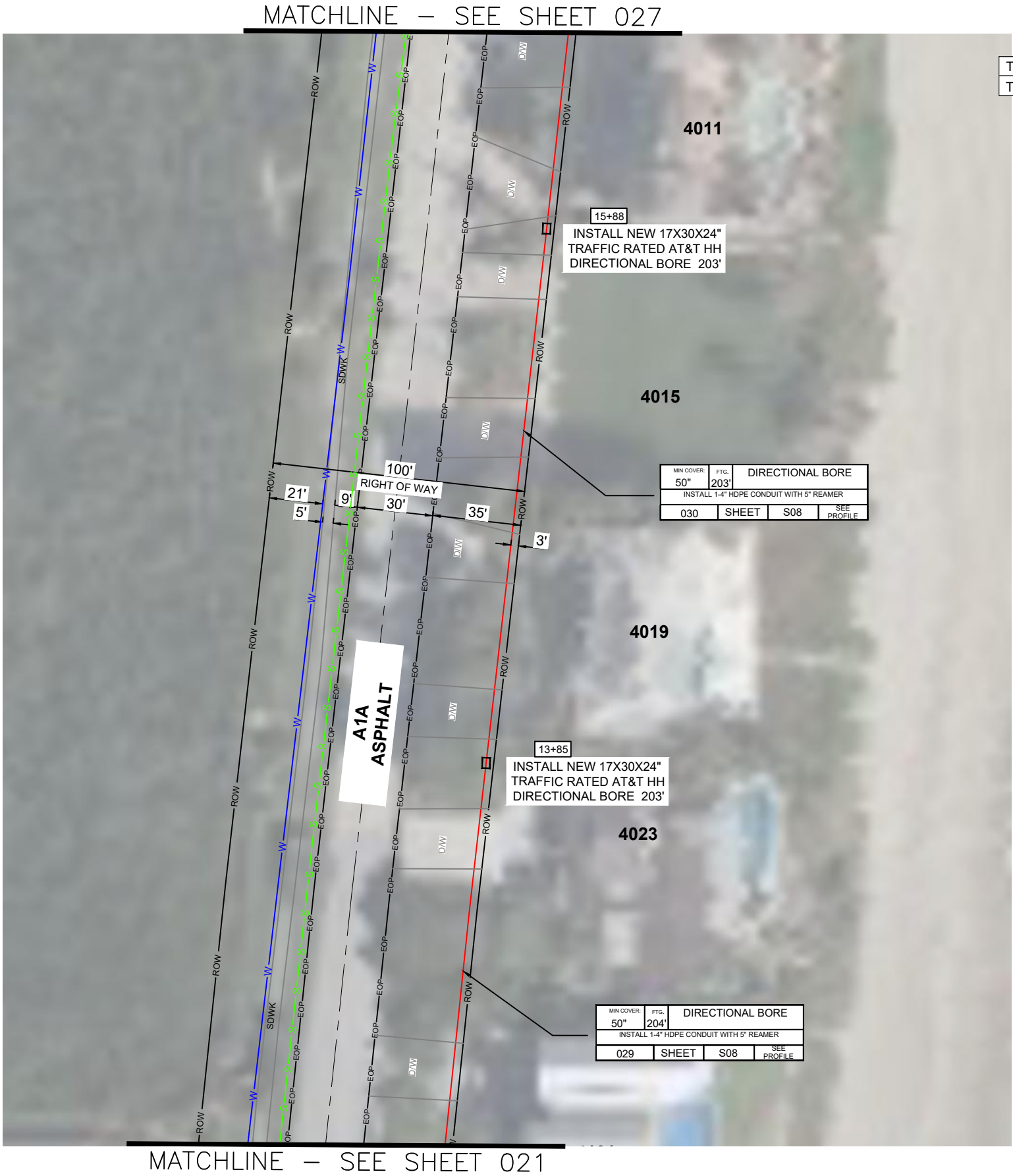
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

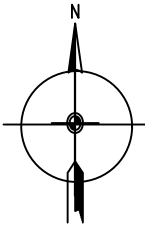
PROJECT ADDRESS:
4300 A1A

ENGINEER: HERNANDEZ, JAVIER ENG. PH.# 305-929-2166
JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A
SCALE: 1:40 PAGE: 025 OF 040



PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	440'
TOTAL UNDER PAVEMENT:	0'



ATTSE

PERMITTING

JURISDICTION:	
• FDOT	

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

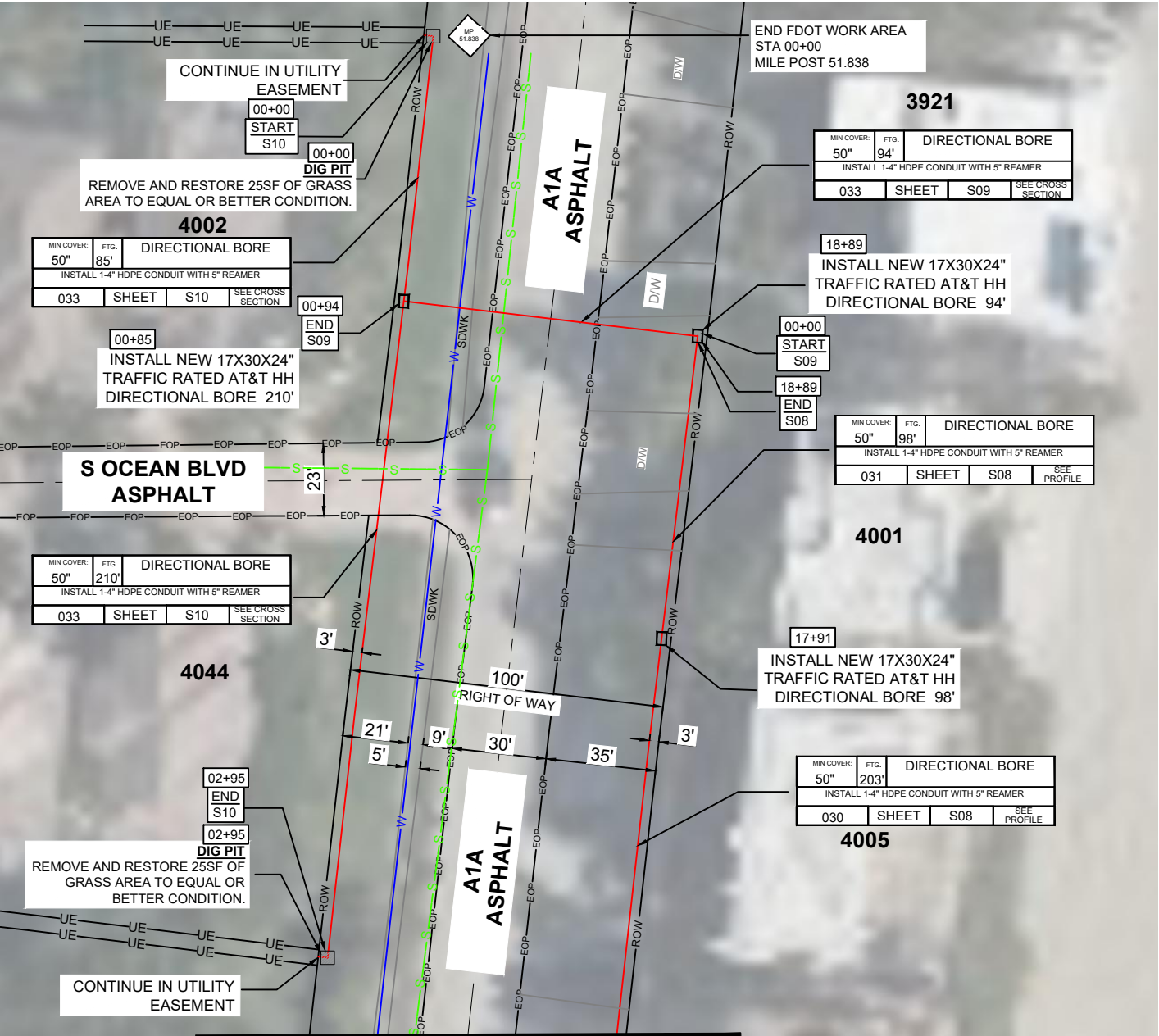
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

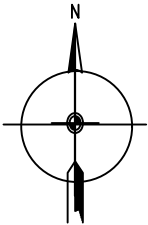
PROJECT ADDRESS:		4300 A1A
ENGINEER:	HERNANDEZ, JAVIER	ENG. PH. # 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_4300 A1A	
SCALE:	1:50	PAGE: 026 OF 040

PB:	25/97
PB:	25/154
PB:	49/107

TOTAL PAGE FOOTAGE:	613'
TOTAL UNDER PAVEMENT:	53'



MATCHLINE - SEE SHEET 026



ATTSE


PERMITTING

JURISDICTION:	
• FDOT	

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

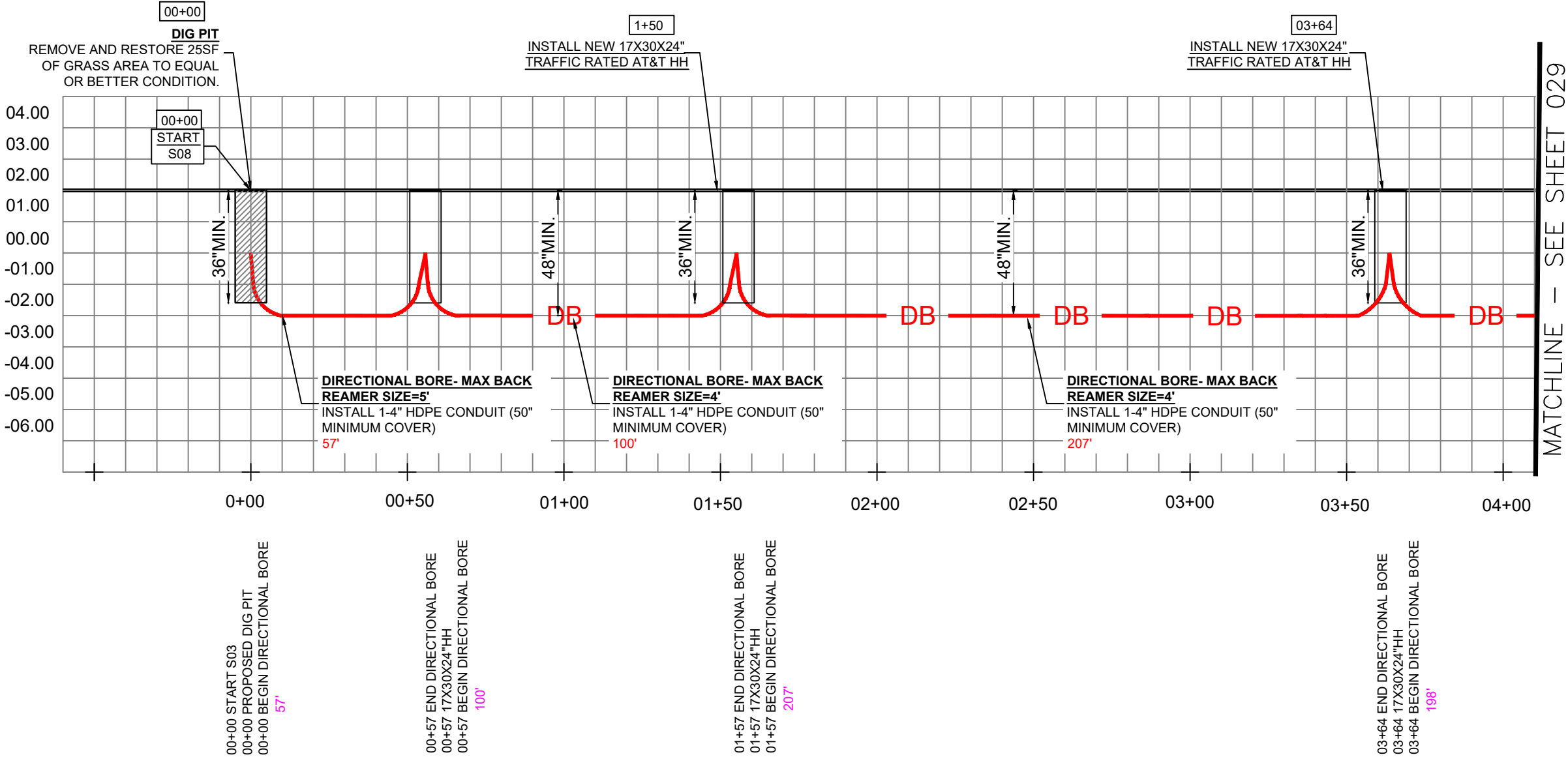
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		
4300 A1A		
ENGINEER:	HERNANDEZ, JAVIER	ENG PH # 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_4300 A1A	
SCALE:	1:50	PAGE: 027 OF 040

PROFILE VIEW 'S08' - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1"=10"

A1A
LOOKING: WEST



MATCHLINE - SEE SHEET 029

ATTSE

PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

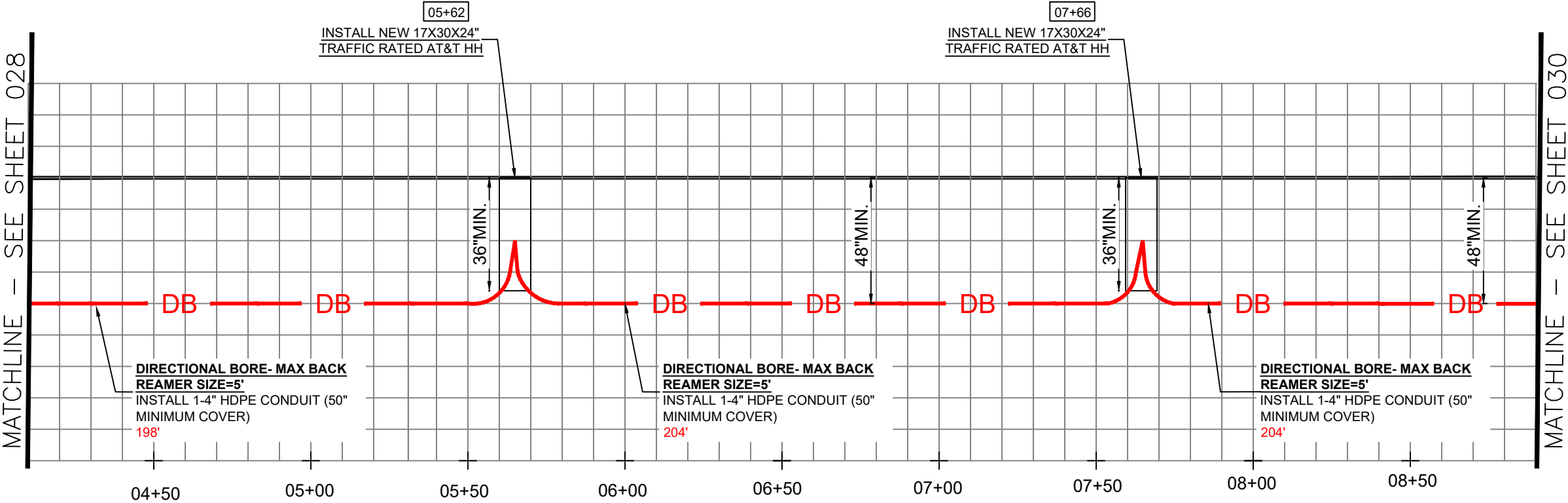
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 028 OF 040

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

PROFILE VIEW 'S08' - A1A

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



05+62 END DIRECTIONAL BORE
05+62 17X30X24"HH
05+62 BEGIN DIRECTIONAL BORE
204'

07+66 END DIRECTIONAL BORE
07+66 17X30X34"HH
07+66 BEGIN DIRECTIONAL BORE
204'

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE


PERMITTING

JURISDICTION:
• FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04

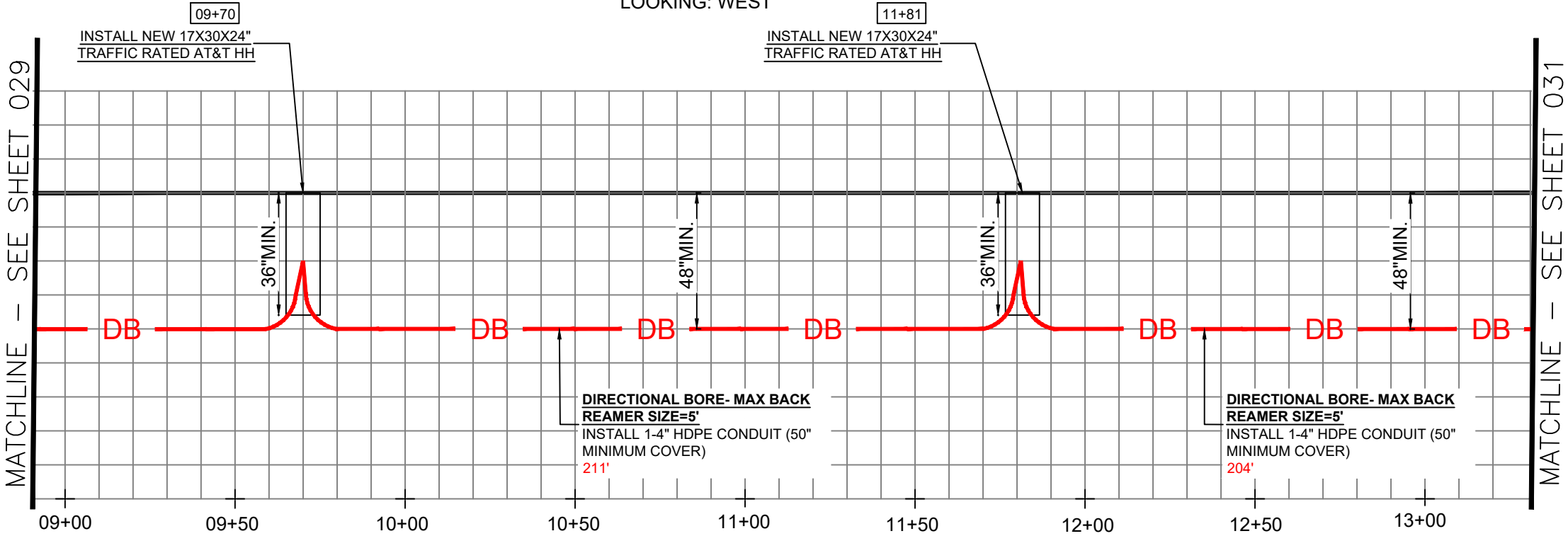
PROJECT ADDRESS:
4300 A1A

ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 029 OF 040

PROFILE VIEW 'S08' - A1A

HORIZONTAL SCALE 1"=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



09+70 END DIRECTIONAL BORE
09+70 17X30X24"HH
09+70 BEGIN DIRECTIONAL BORE
211'

11+81 END DIRECTIONAL BORE
11+81 17X30X24"HH
11+81 BEGIN DIRECTIONAL BORE
204'

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



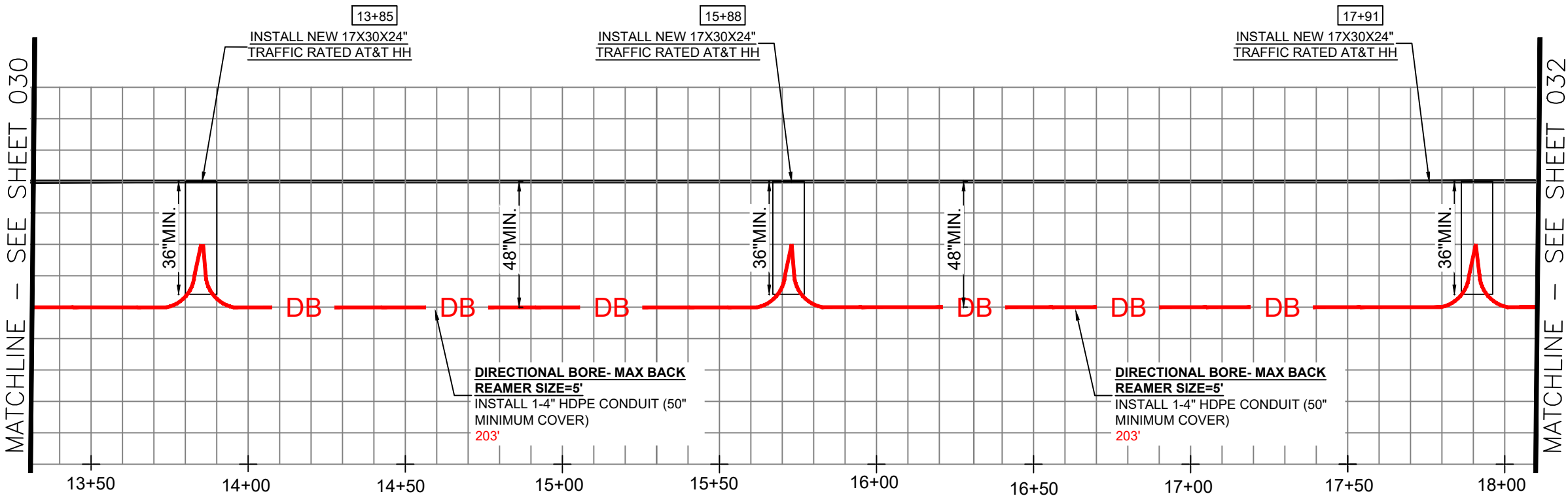
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 030 OF 040

PROFILE VIEW 'S08' - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1"=10"

A1A
LOOKING: WEST



13+85 END DIRECTIONAL BORE
13+85 17X30X24"HH
13+85 BEGIN DIRECTIONAL BORE
203'

15+88 END DIRECTIONAL BORE
15+88 17X30X24"HH
15+88 BEGIN DIRECTIONAL BORE
203'

17+91 END DIRECTIONAL BORE
17+91 17X30X24"HH
17+91 BEGIN DIRECTIONAL BORE
98'

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.


ATTSE

PERMITTING

JURISDICTION:
• FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS		
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03/21/2022	ORIGINAL SUBMITTAL	MT

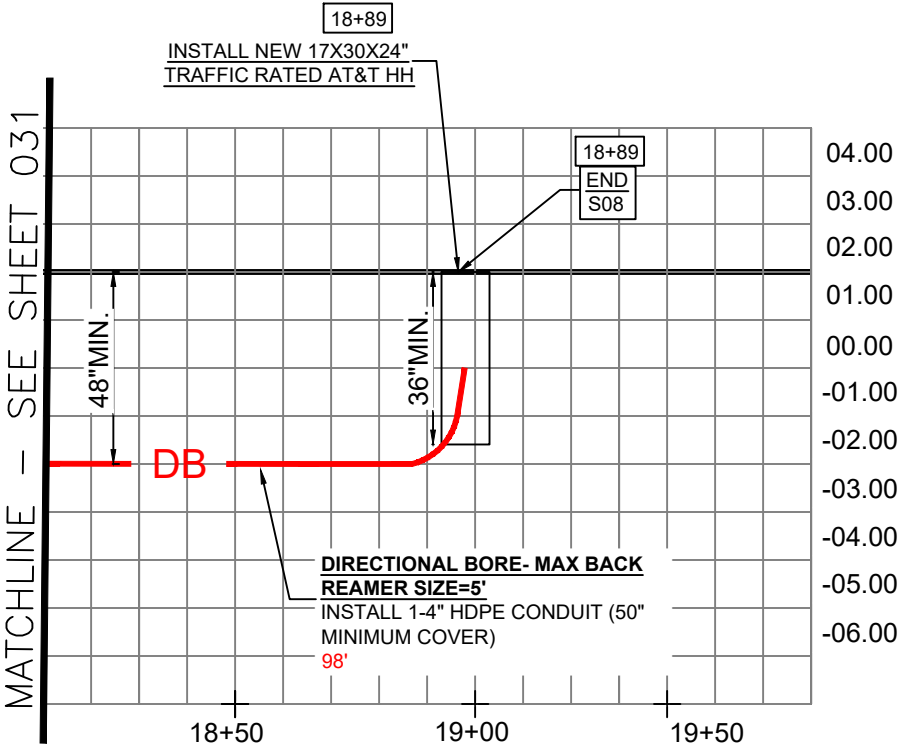
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	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04

PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG. PH.#: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 031 OF 040

PROFILE VIEW 'S08' - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



19+06 END S08
19+06 30X48X36\"/>

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.


ATTSE

PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

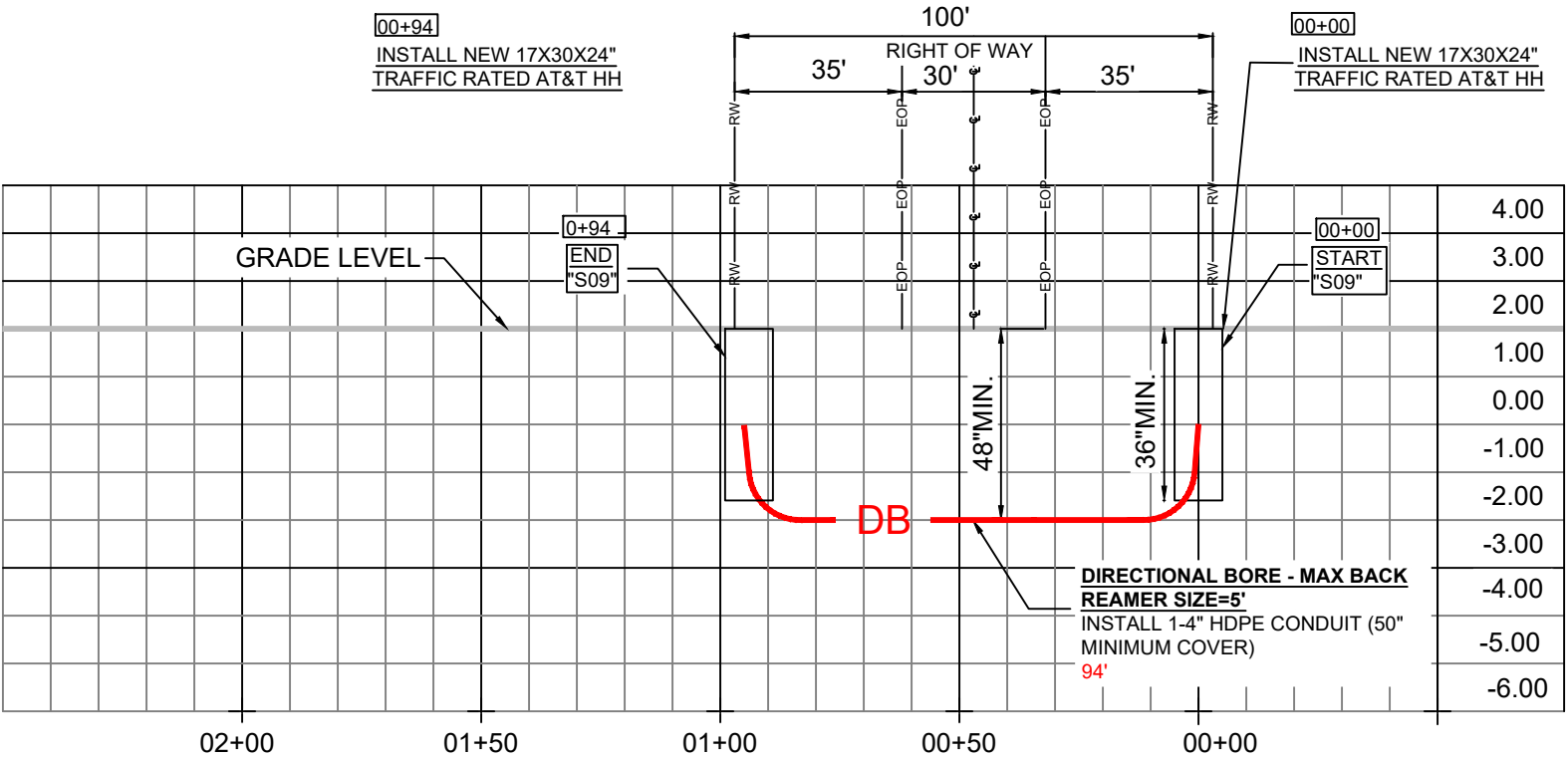
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DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

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	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	ENG PH #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: 1:40	PAGE: 032 OF 040

CROSS SECTION- VIEW "S09"

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: NORTH



00+94 END DIRECTIONAL BORE
00+94 17X30X24" HH
00+94 END S09

00+00 START S09
00+00 17X30X24" HH
00+00 BEGIN DIRECTIONAL BORE

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



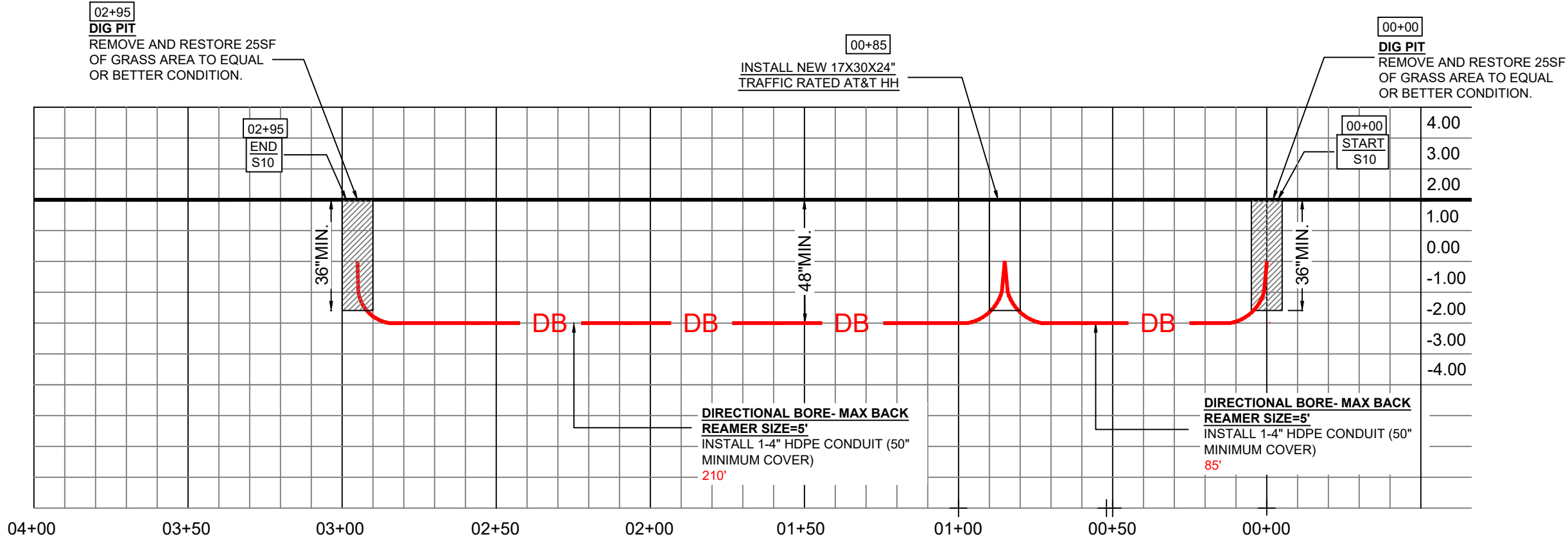
COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS: 4300 A1A
ENGINEER: HERNANDEZ, JAVIER ENG. PH. # 305-929-2166
JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A
SCALE: 1:40 PAGE: 033 OF: 040

PROFILE VIEW"S10" - A1A

HORIZONTAL SCALE 1'=10'
VERTICAL SCALE 1" =10"

A1A
LOOKING: WEST



02+95 END S10
02+95 17X30X24" HH
02+95 END DIRECTIONAL BORE

00+85 END DIRECTIONAL BORE
00+85 17X30X24" HH
00+85 BEGIN DIRECTIONAL BORE

00+00 BEGIN DIRECTIONAL BORE
00+00 PROPOSED DIG PIT
00+00 START S11

NOTES:
NO ELEVATION RECORDS AVAILABLE,
CONSTRUCTION CONTRACTOR SHALL
VERIFY DEPTH BEFORE BORING.

ATTSE

PERMITTING


JURISDICTION:

* FDOT

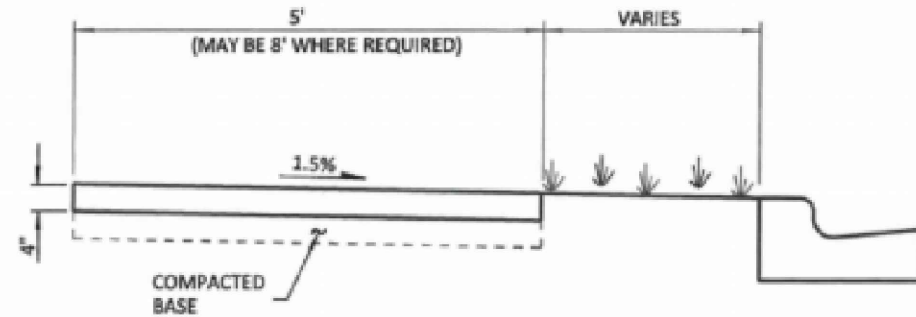
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EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

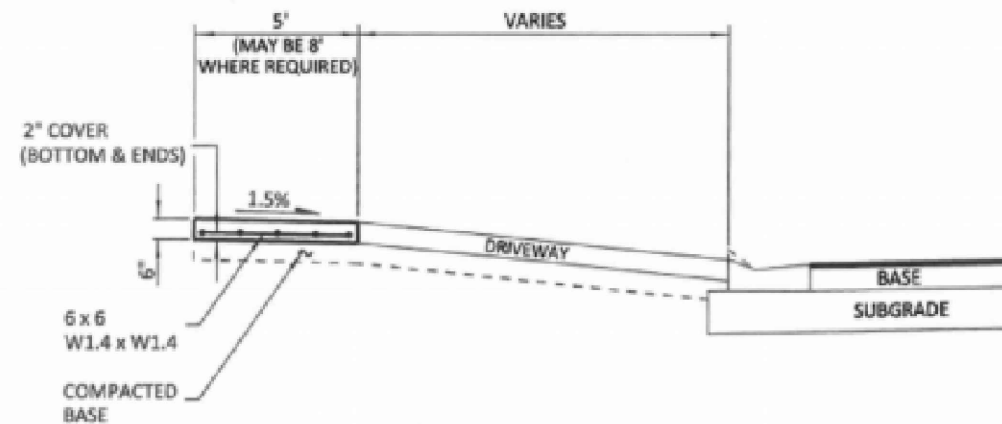
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

PROJECT ADDRESS:		4300 A1A
ENGINEER:	HERNANDEZ, JAVIER	ENG. PH. # 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_4300 A1A	
SCALE:	1:40	PAGE: 034 OF 040



STANDARD SECTION



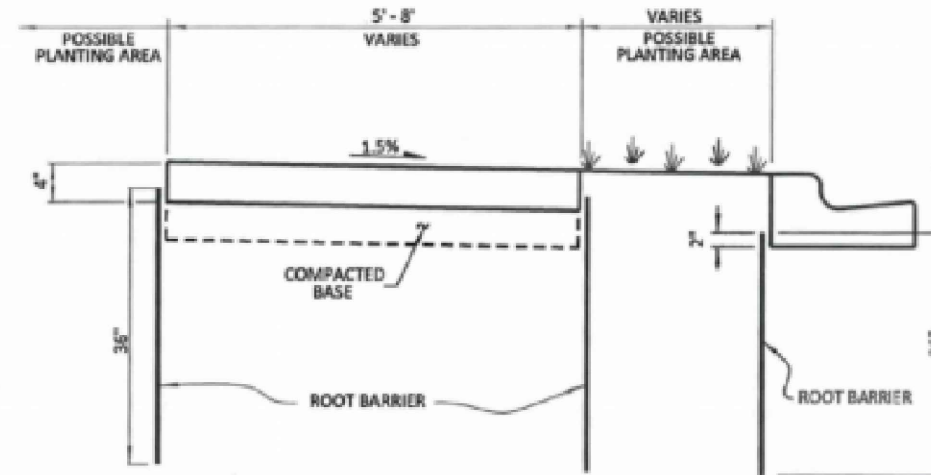
DRIVEWAYS (RESIDENTIAL AND NON-RESIDENTIAL AREAS)

NOTES:

1. SIDEWALKS TO BE PORTLAND CEMENT CONCRETE, MIN. 2500 P.S.I. @ 28 DAYS.
2. BASE TO BE A MINIMUM 4 INCHES OF CLEAN SAND OR SANDY LOAM, FULLY COMPACTED, FULL WIDTH.
3. SIDEWALKS TO BE BROOM FINISHED WITH EVEN, DUSTLESS SURFACE.
4. MAXIMUM LONGITUDINAL SLOPE IS 1.0%
5. SIDEWALK THICKNESS TO BE 6 INCHES MINIMUM IN ALL AREAS SUBJECT TO VEHICULAR TRAFFIC.

FILEPATH: P:\DGN\ENG SER\LAND DEVELOPMENT STANDARDS\DWG FORMAT\400.1A

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				PATHWAY: CONCRETE SIDEWALK		DRAWING NO. 400.1
DRAWN BY: K.L.	DATE: 05/23/90	REVISED BY: J.M.K.	DATE: 02/01/2018	APPROVED: <i>[Signature]</i> COUNTY ENGINEER OR DESIGNEE	EFFECTIVE: 2/9/18	



STANDARD SECTION

NOTES:

1. ROOT BARRIER IS REQUIRED FOR LOCATIONS WHERE TREE(S) AND/OR ASSOCIATED ROOTS ARE LOCATED WITHIN 10 FT. OF A REQUIRED IMPROVEMENT.
2. ROOT BARRIER MATERIAL SHALL BE HDPE OR AS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
3. ROOT BARRIER INSTALLED 15 FT. ON CENTER OF TREE(S) AND/OR ROOTS.

FILEPATH: P:\DGN\ENG SER\LAND DEVELOPMENT STANDARDS\DWG FORMAT\400.1B

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				PATHWAY: WITH ROOT BARRIER		DRAWING NO. 400.2
DRAWN BY: K.L.	DATE: 10/03/2017	REVISED BY: J.M.K.	DATE: 02/01/2018	APPROVED: <i>[Signature]</i> COUNTY ENGINEER OR DESIGNEE	EFFECTIVE: 2/9/18	

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHLMA

REVISIONS/APPROVALS

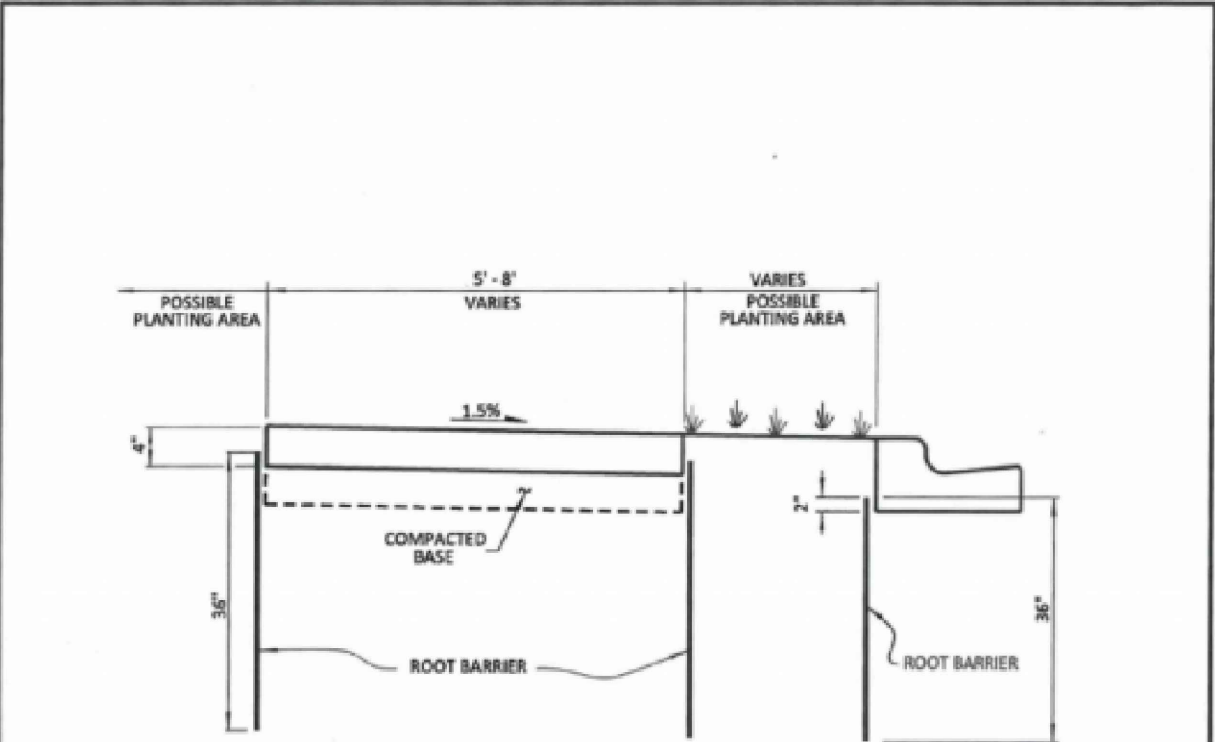
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS:
4300 A1A

ENGINEER: HERNANDEZ, JAVIER	ENGINEER P.E. #: 305-929-2166
JOB NUMBER: 1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A	
SCALE: AS SHOWN	PAGE: 035 OF 040



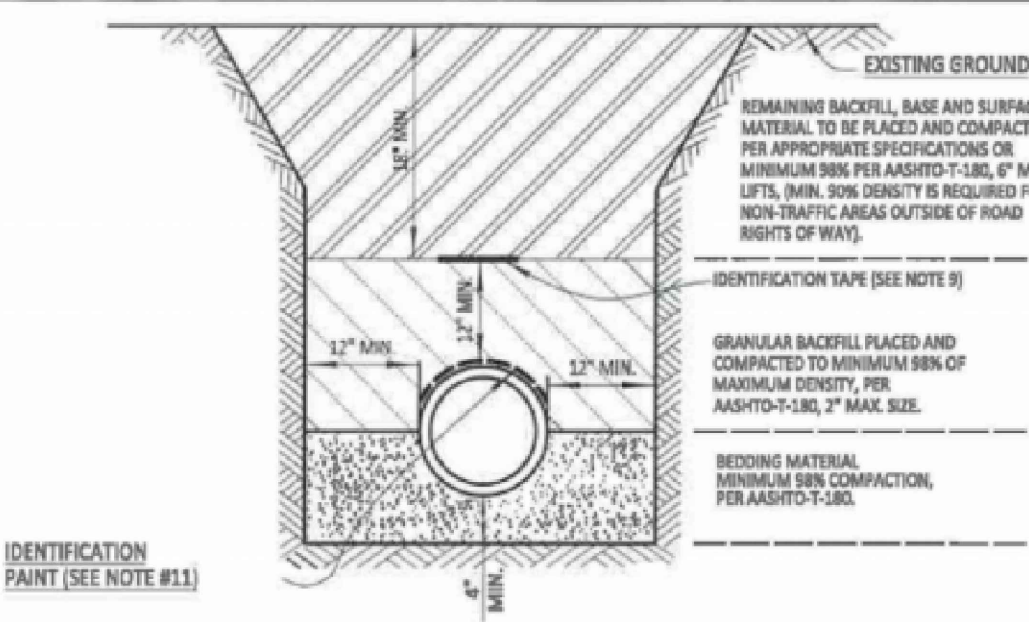
STANDARD SECTION

NOTES:

1. ROOT BARRIER IS REQUIRED FOR LOCATIONS WHERE TREE(S) AND/OR ASSOCIATED ROOTS ARE LOCATED WITHIN 10 FT. OF A REQUIRED IMPROVEMENT".
2. ROOT BARRIER MATERIAL SHALL BE HDPE OR AS OTHERWISE APPROVED BY THE COUNTY ENGINEER.
3. ROOT BARRIER INSTALLED 15 FT. ON CENTER OF TREE(S) AND/OR ROOTS.

FILEPATH: P:\DGN\ENG_SER\LAND DEVELOPMENT STANDARDS\DWG FORMAT\400.1B

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				PATHWAY WITH ROOT BARRIER		DRAWING NO. 400.2
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:	
K.L.	10/03/2017	J.M.K.	02/01/2018	<i>[Signature]</i>	3/19/18	
				COUNTY ENGINEER OR DESIGNEE		



IDENTIFICATION PAINT (SEE NOTE #11)

NOTES:

1. BEDDING SHALL CONSIST OF IN-SITU GRANULAR MATERIAL OR WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING WITH EQUAL OR GREATER STRUCTURAL ADEQUACY AS EXISTING. UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGER ROCKS SHALL BE REMOVED.
2. THE PIPE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
3. THE PIPE SHALL BE PLACED IN A DRY TRENCH.
4. BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK AND DEBRIS.
5. DENSITY TESTS SHALL BE TAKEN IN 1 FOOT LIFTS ABOVE THE PIPE AT INTERVALS OF 400' MAXIMUM, (MINIMUM 1 SET) OR AS DIRECTED BY THE CONSTRUCTION COORDINATION DIVISION. RESULTS SHALL BE SUBMITTED TO CONSTRUCTION COORDINATION AS PART OF THEIR FIELD REVIEW.
6. THE PERMITTEE/DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL TRENCH SAFETY LAWS AND REGULATIONS.
7. SEE SEPARATE DETAIL FOR PAVED AREAS (OPEN CUT FOR THOROUGHFARE AND NON-THOROUGHFARE ROADS).
8. THE AFFECTED AREA SHALL BE RESTORED TO EQUAL OR BETTER CONDITION OR AS SPECIFIED IN PERMIT/CONTRACT DOCUMENTS.
9. APPROVED MAGNETIC TAPE IS REQUIRED FOR ALL MAIN PRESSURE PIPES AND CONDUIT IN THE COUNTY'S RIGHT-OF-WAY. INSTALL TAPE 18" BELOW FINISHED GRADE.
10. ROOT BARRIER IS REQUIRED FOR APPROVED PIPE INSTALLATION CLOSER THAN 10 FEET FROM AN EXISTING TREE. SEE SEPARATE DETAIL FOR ROOT BARRIER.
11. CONTINUOUS 4" WIDE PAINT STRIPING IS REQUIRED FOR DIP/PCCP WATER MAINS (BLUE), DIP SANITARY FORCE MAINS (GREEN), DIP RECLAIMED WATER MAINS (PURPLE), GAS MAINS (YELLOW), OR AS REQUIRED BY THE APWA.
12. PERMANENT ABOVE GROUND UTILITY MARKER SHALL BE INSTALLED IF REQUIRED.

FILEPATH: P:\DGN\ENG_SER\LAND DEVELOPMENT STANDARDS\1.DGN

PALM BEACH COUNTY DEPARTMENT OF ENGINEERING & PUBLIC WORKS				TYPICAL TRENCH DETAIL (NON-PAVED AREAS)		DRAWING NO. 1
DRAWN BY:	DATE:	REVISED BY:	DATE:	APPROVED:	EFFECTIVE:	
K.L.	05/23/90	J.M.K.	02/01/2018	<i>[Signature]</i>	4/27/18	
				COUNTY ENGINEER OR DESIGNEE		

ATTSE

PERMITTING

JURISDICTION:

- FDOT

STATE:	DISTRICT:
FLORIDA	HIGHLAND BEACH
EXCHANGE:	WIRE CENTER:
561272	DLBHFLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT



COUNTY:	PALM BEACH
CITY:	HIGHLAND BEACH
TOWNSHIP:	47S
RANGE:	43E
SECTION:	04

PROJECT ADDRESS:		4300 A1A
ENGINEER:	HERNANDEZ, JAVIER	ENG PH# 305-929-2166
JOB NUMBER:	1W842020N	CFAS PROJECT NUMBER: A029ELL
FILE NAME:	1W842020N_4300 A1A	
SCALE:	AS SHOWN	PAGE: 036 OF: 040

3048

OLDCASTLE POLYMER
(formerly H-Series)

COVER

Style: Flush 2-Piece
Material: Polymer Concrete
Model: 30" x 48"
Weight: Tier 15: 110 lbs. (per half)
Tier 22: 169 lbs. (per half)
Std. Fasteners: 1/2-13 Stainless Steel Hex Head
Bolt, Washer and Floating Nut
Options: Logos and Special Markings
Surface: Slip Resistant
Performance: ANSI/SCTE-77, Tier 15 or Tier 22*


Cover comes standard with permanent markings for manufacturer, load rating, model size and manufacturing location.

BODY

Material: Polymer Concrete
Model: 30" x 48"
Weight: 18" Depth: 179 lbs.
24" Depth: 223 lbs.
36" Depth: 307 lbs.
Wall Type: Straight
Performance: ANSI/SCTE-77 Tier 22

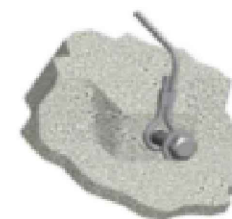
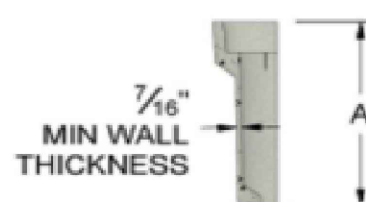
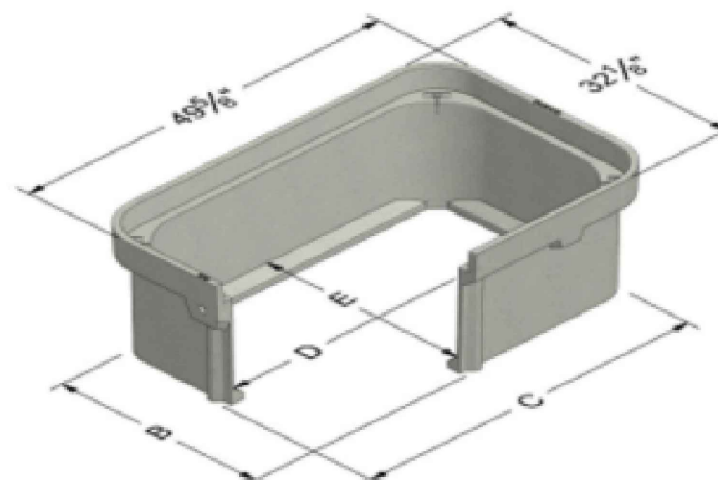
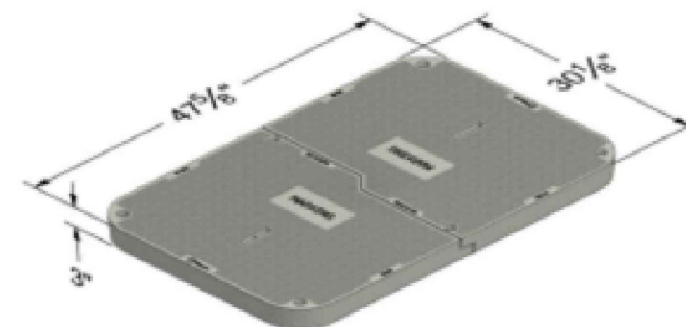
LOAD RATING / NOTES

 MEDIUM DUTY
ANSI/SCTE TIER 15

 HEAVY DUTY
ANSI/SCTE TIER 22

For use in non-vehicular traffic situations only.
Weights and dimensions may vary slightly.
Actual load rating is determined by the box and cover combination.

* Based upon lid and body combination, this unit can be Tier 15 or Tier 22. T22 rating when paired with T22 polymer concrete lid.



	A	B	C	D	E
3048-18	18	29-7/16	46-15/16	44-1/2	27
3048-24	24	29-5/16	46-13/16	44-1/4	26-3/4
3048-36	36	29	46-1/2	44-1/8	26-5/8

ATTSE

PERMITTING

JURISDICTION:

* FDOT

STATE: FLORIDA DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272 WIRE CENTER: DLBHFLLMA

REVISIONS/APPROVALS

DATE	DESCRIPTION	INITIAL
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COUNTY: PALM BEACH
CITY: HIGHLAND BEACH
TOWNSHIP: 47S
RANGE: 43E
SECTION: 04

PROJECT ADDRESS:
4300 A1A

ENGINEER: HERNANDEZ, JAVIER ENG. P. # 305-929-2166
JOB NUMBER: 1W842020N CFAS PROJECT NUMBER: A029ELL
FILE NAME: 1W842020N_4300 A1A
SCALE: AS SHOWN PAGE: 037 OF: 040

3048

OLDCASTLE POLYMER

(formerly H-Series)

COVER OPTIONS

- Oldcastle Polymer, Flush Solid
- Oldcastle Polymer, Flush 2-Piece
- Oldcastle Polymer, Flush Pedestal Provision
- Steel, Solid



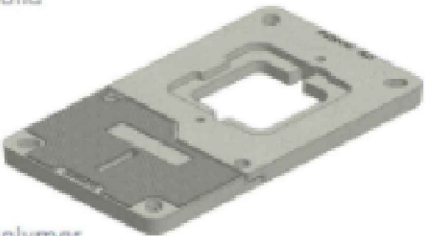
Polymer
Solid



Steel
Solid



Polymer
2-Piece



Polymer
Pedestal Provision

FASTENER OPTIONS

- Hex Head Bolt (A)
- Penta Head Bolt (B)
- Penta Head Coil Thread Bolt (B)
- Oldcastle Vandal Resistant Bolt (C)
- Captive Bolt Retainer



Standard Thread



A



B



C



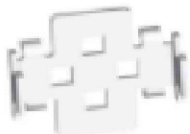
Coil Thread



Bolt Retainer
(for standard thread)

ADD ON OPTIONS

- EMS Marker
- Mouseholes/Knockouts
- Rack Mount
- Cable Racks/Cable Arms
- Unistrut
- Pulling Eye - 1,000 lb and 3,000 lb
- Ground Buss
- Dividers
- Racking Provision
- Lid Gaskets*
- Solid Bottom
- Custom Marking Plate (Polymer)



Rack Mount



Cable Rack
Cable Arm



Unistrut



Pulling Eye



EMS Marker



Ground Buss

* Lid Gaskets inhibit water flow into the box, they do not make enclosure fully waterproof.

WARNING: Cancer - www.P65Warnings.ca.gov

All information contained on this sheet is current at the time of publication.
Oldcastle reserves the right to discontinue or update product information without notice.

Revision 11/09/18
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PERMITTING


JURISDICTION:

* FDOT

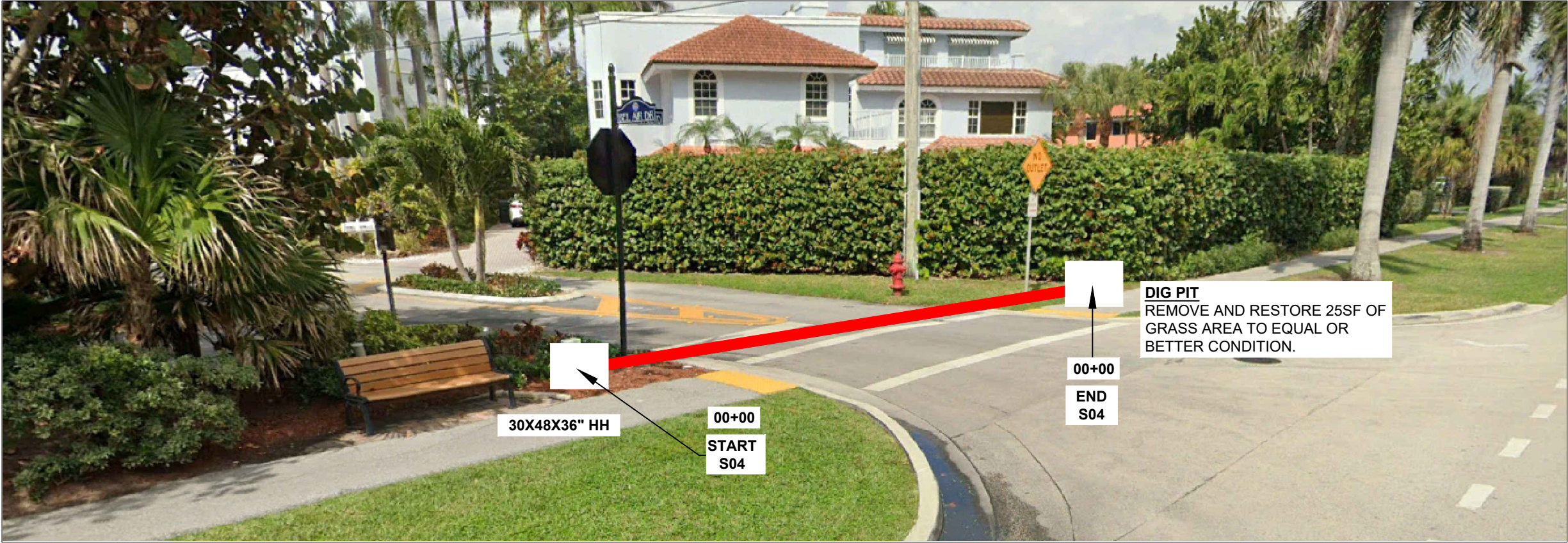
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EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS

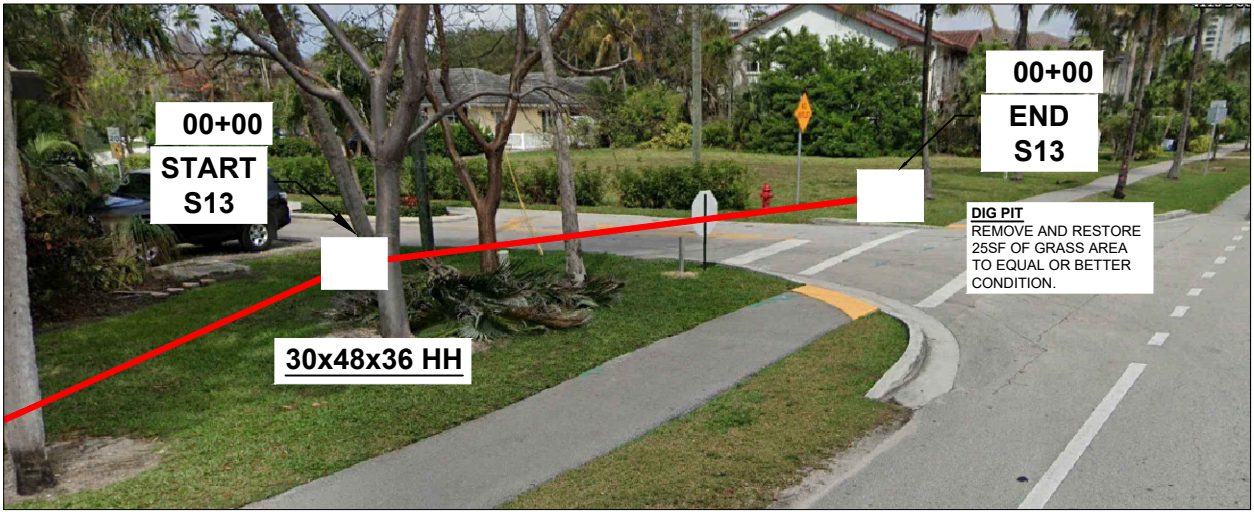
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03/21/2022	ORIGINAL SUBMITTAL	MT

 Know what's below. Call before you dig.	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04

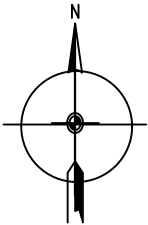
PROJECT ADDRESS:	
4300 A1A	
ENGINEER:	ENGINEER #
HERNANDEZ, JAVIER	305-929-2166
JOB NUMBER:	CEAS PROJECT NUMBER:
1W842020N	A029ELL
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BEL AIR DRIVE



HIGHLAND BEACH DR



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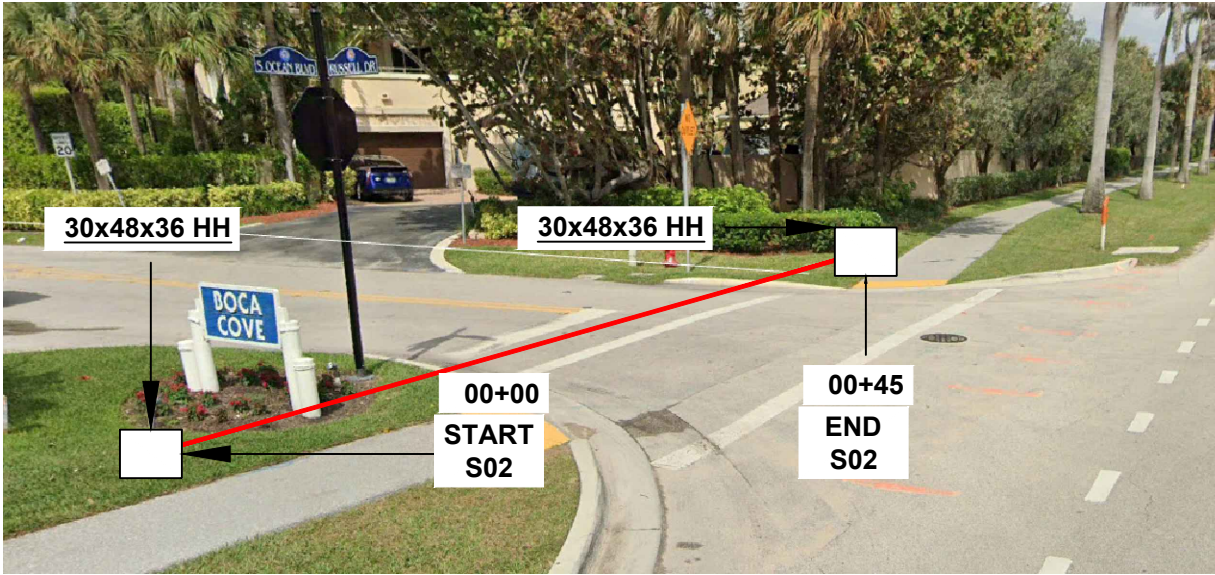
PERMITTING

JURISDICTION:
* FDOT

STATE: FLORIDA	DISTRICT: HIGHLAND BEACH
EXCHANGE: 561272	WIRE CENTER: DLBHFLMA

REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY: PALM BEACH
	CITY: HIGHLAND BEACH
	TOWNSHIP: 47S
	RANGE: 43E
	SECTION: 04
PROJECT ADDRESS: 4300 A1A	
ENGINEER: HERNANDEZ, JAVIER	
JOB NUMBER: 1W842020N	
FILE NAME: 1W842020N_4300 A1A	
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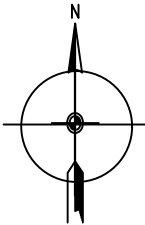
RUSSELL DRIVE



BOCA COVE LN



BEL LIDO DRIVE



ATTSE

PERMITTING

JURISDICTION:

• FDOT

STATE:	FLORIDA	DISTRICT:	HIGHLAND BEACH
EXCHANGE:	561272	WIRE CENTER:	DLBHFLMA

REVISIONS/APPROVALS		
DATE	DESCRIPTION	INITIAL
03/21/2022	ORIGINAL SUBMITTAL	MT

	COUNTY:	PALM BEACH
	CITY:	HIGHLAND BEACH
	TOWNSHIP:	47S
	RANGE:	43E
	SECTION:	04
PROJECT ADDRESS:		4300 A1A
ENGINEER:		HERNANDEZ, JAVIER
JOB NUMBER:		1W842020N
FILE NAME:		1W842020N_4300 A1A
SCALE:		1:40





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CFAS PROJECT NUMBER:	A029ELL
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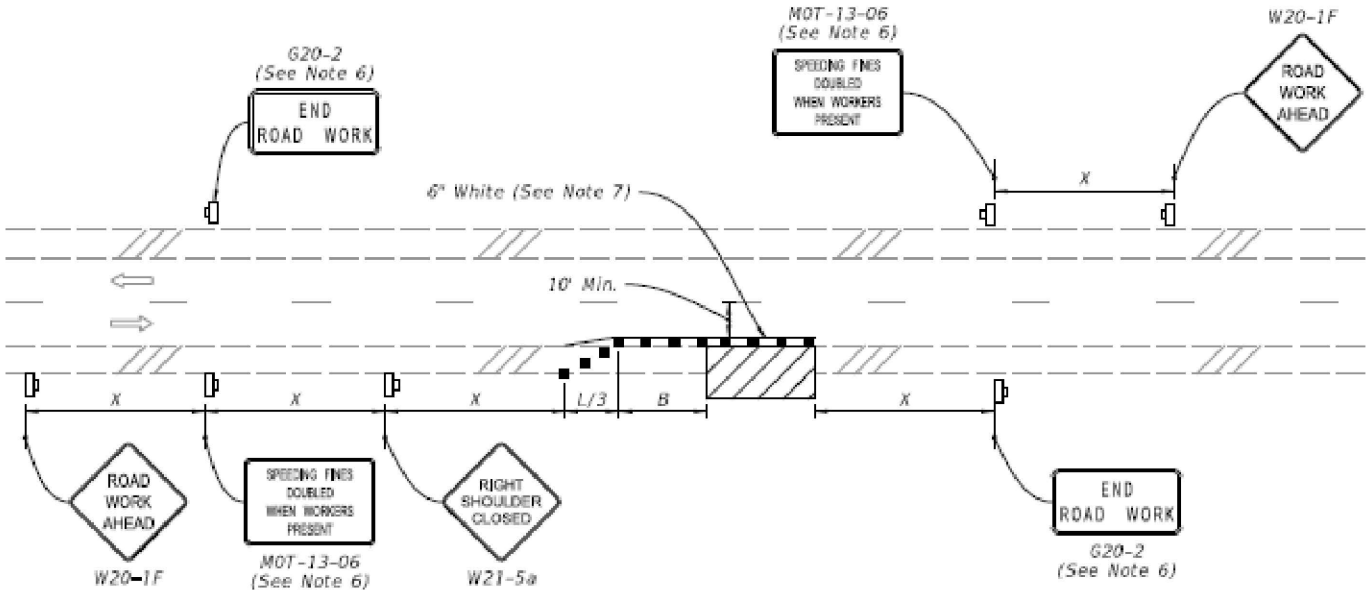
4/6/2022

NOTE:

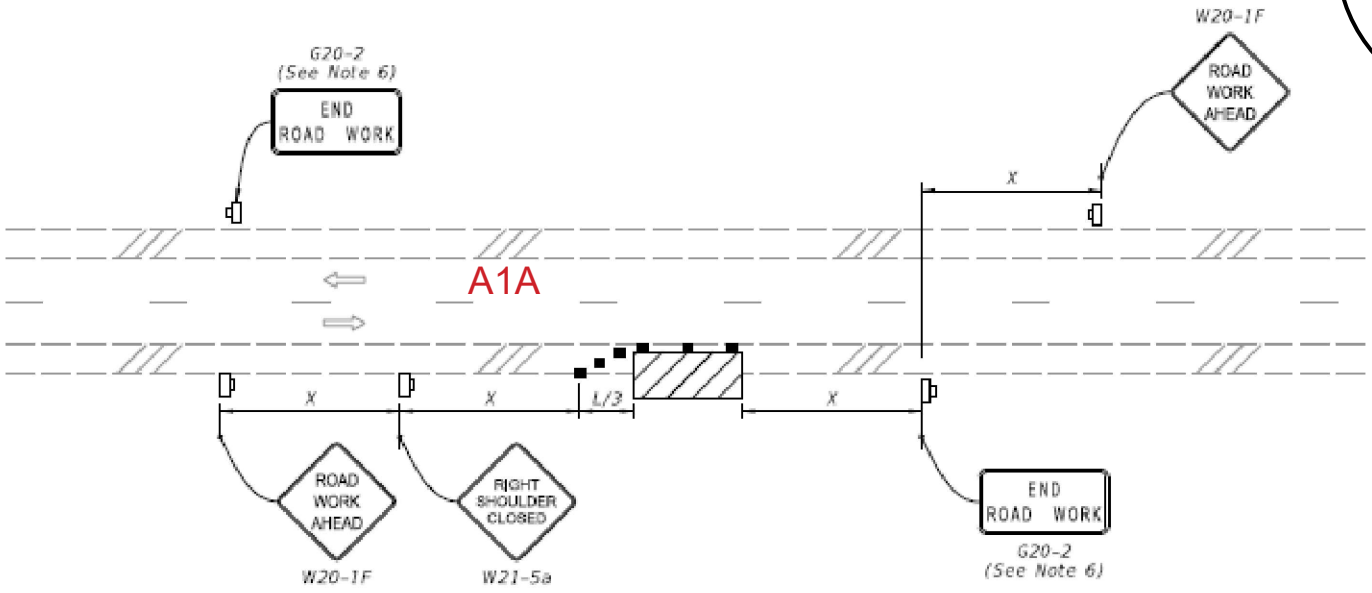
1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
2. L = Taper Length
 X = Work Zone Sign Spacing
 B = Buffer Length
See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
3. Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
5. For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

SYMBOLS:

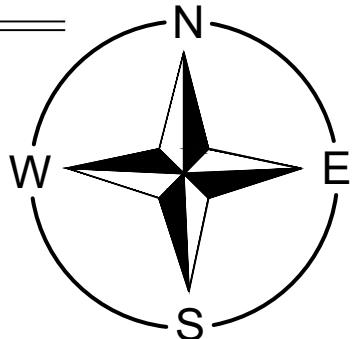
-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  Lane Identification and Direction of Traffic



TWO-LANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY



LAST
REVISION
11/01/21

REVISION

DESCRIPTION:



FY 2022-23
STANDARD PLANS

TWO-LANE AND MULTILANE, WORK ON SHOULDER

INDEX
102-602

SHEET
1 of 2

Approved
2022-H-496-00177
Eugene Kissner
4/6/2022

SECTION 555

DIRECTIONAL BORE

555-1 Description.

555-1.1 Scope of Work: The work specified in this Section documents the approved construction methods, procedures and materials for Directional Boring; also commonly called Horizontal Directional Drilling (HDD).

555-1.2 General: HDD is a trenchless method for installing a product that serves as a conduit for liquids, gasses, or as a duct for pipe, cable, or wire line products. It is a multi-stage process consisting of site preparation and restoration, equipment setup, and drilling a pilot bore along a predetermined path and then pulling the product back through the drilled space. When necessary, enlargement of the pilot bore hole may be necessary to accommodate a product larger than the pilot bore hole size. This process is referred to as back reaming and is done at the same time the product is being pulled back through the pilot bore hole.

Accomplish alignment of the bore by proper orientation of the drill bit head as it is being pushed into the ground by a hydraulic jack. Determine orientation and tracking of the drill bit by an above ground radio detection device which picks up a radio signal generated from a transmitter located within the drill bit head. Then electronically translate the radio signal into depth and alignment. In order to minimize friction and prevent collapse of the bore hole, introduce a soil stabilizing agent (drilling fluid) into the annular bore space from the trailing end of the drill bit. The rotation of the bit in the soil wetted by the drilling fluid creates a slurry. The slurry acts to stabilize the surrounding soil and prevent collapse of the bore hole as well as provides lubrication. Select or design drilling fluids for the site specific soil and ground water conditions. Confine free flowing (escaping) slurry or drilling fluids at the ground surface during pull back or drilling. Accomplish this by creating sump areas or vacuum operations to prevent damage or hazardous conditions in surrounding areas. Remove all residual slurry from the surface and restore the site to preconstruction conditions.....

555-6 Documentation Requirements.

555-6.1 Boring Path Report: Furnish a Bore Path Report to the Engineer within seven days of the completion of each bore path. Include the following in the report:

- (a) Location of project and financial project number including the Permit Number when assigned
- (b) Name of person collecting data, including title, position and company name
- (c) Investigation site location (Contract plans station number or reference to a permanent structure within the project right-of-way)
- (d) Identification of the detection method used
- (e) Elevations and offset dimensions as required in 555-4.2

555-6.2 As-Built Plans: Provide the Engineer a complete set of As-Built Plans showing all bores (successful and failed) within 30 calendar days of completing the work. Ensure that the plans are dimensionally correct copies of the Contract plans and include roadway plan and profile, cross-section, boring location and subsurface conditions as

directed by the Engineer. The plans must show appropriate elevations and be referenced to a Department Bench Mark when associated with a Department project, otherwise to a USGS grid system and datum, or a specific location on top of an existing Department head wall. Plans must be same scale in black ink on white paper, of the same size and weight as the Contract plans. Submittal of electronic plans data in lieu of hard copy plans is preferred and may be approved by the Engineer if compatible with the Department software. Specific plans content requirements include but may not be limited to the following:

- (a) The Contract plan view shows the center line location of each facility installed, or installed and placed out of service, to an accuracy of 1 inch at the ends and other points physically observed in accordance with the bore path report.
- (b) As directed by the Engineer, provide either a profile plan for each bore path, or a cross-section of the roadway at a station specified by the Engineer, or a roadway centerline profile. Show the ground or pavement surface and crown elevation of each facility installed, or installed and placed out of service, to an accuracy within 1 inch at the ends and other exposed locations. On profile plans for bore paths crossing the roadway show stationing of the crossing on the Contract plans. On the profile plans for the bore paths paralleling the roadway, show the Contract plans stationing. If the profile plan for the bore path is not made on a copy of one of the Contract profile or crosssection sheets, use a 10 to 1 vertical exaggeration.
- (c) If, during boring, an obstruction is encountered which prevents completion of the installation in accordance with the design location and specification, and the product is left in place and taken out of service, show the failed bore path along with the final bore path on the plans. Note the failed bore path as "Failed Bore Path - Taken Out of Service". Also show the name of the Utility owner, location and length of the drill head and any drill stems not removed from the bore path.
- (d) Show the top elevation, diameter and material type of all utilities encountered and physically observed during the subsoil investigation. For all other obstructions encountered during a subsoil investigation or the installation, show the type of material, horizontal and vertical location, top and lowest elevation observed, and note if the obstruction continues below the lowest point observed.
- (e) Include bore notes on each plan stating the final bore path diameter, product diameter, drilling fluid composition, composition of any other materials used to fill the annular void between the bore path and the product, or facility placed out of service. Note if the product is a casing as well as the size and type of carrier pipe placed within the casing as part of the Contract work.

UTILITY WORK PERMITS

(a) DOCUMENTS REQUIRED PRIOR TO A PRE-CON MEETING:

****UPLOAD INTO OSP - Pdf Format; 1 pdf file combine All please**

- All Contractor's / Sub Contractor's Licenses
- All Contractor's / Sub Contractor's Local Business Tax Receipt
- Contractor's Work Site Safety Supervisor's Advanced MOT Certificate - with his/her email address and a 24/7 contact number attached to the certificate.

(b) DOCUMENTS REQUIRED PRIOR TO FINAL INSPECTION:

****UPLOAD INTO OSP - Pdf Format; 1 pdf file combined for all docs, except the As Built & Certification Letter please submit these two docs separately.**

(*As Applicable to Your Permit *)

- Permit Final Inspection Certification Letter
- Request for Final Inspection Letter
- Directional Bore Logs
- Density Reports
- As Built Plans (w/Plan & Section Views for ALL Bores)
- Producers Certification for Concrete CL I NS 2500 psi (sidewalk, curb & gutter, ditch pavement & traffic separator)
- Asphalt Tickets
 - *Include SP & FC types/thickness used on Excavation Restoration and Milled & Resurfaced area.

*****OSP WEB URL: <https://osp.fdot.gov>*****

***NOTE:** As mandated by our Legal Department; All Contractors/Sub Contractors working within or adjacent to the Department's Right of Way must furnish their License & Local Business Tax Receipt and their MOT Cert unless MOT is being done by the Prime Contractor.

If you have any further concerns, please do not hesitate to contact us at your earliest convenience.
Brett T. Drouin – Permits Manager

**SPECIAL PROVISIONS/CONDITIONS
FOR UTILITY PERMITS, INCLUDING
DIRECTIONAL AND JACK & BORES
ATTACHMENT "A"**

Permittee's representative & an FDOT Inspector must be on site during all boring activities. Upon completion of the boring activities, Permittee shall provide all documentation to be in accordance with FDOT Standard Specifications, Section 555 or 556, whichever is applicable.

All maintenance of traffic (MOT) will be in accordance with the Department's current edition of the Standard Plans (102-600) series. The Operations Engineer or his designee reserves the right to direct the removal/relocation/Modification of any traffic device(s) at the Permittee's sole expense.

Restricted Hours for Single Lane Closures:
9 am to 3: 30 pm & 7 pm to 6 am, Monday through Friday, (No Weekends)
Multi-Lane Closure must occur during nighttime hours only, Monday through Friday, (No Weekends) unless otherwise approved by the Local Operations Engineer or designee.

PERMITTEE: PLEASE NOTE:

Permittee's contractors that are performing directional drilling and/or jack and bore activities shall provide the Department (Permits Office) proof of a proper state contractor's license prior to any commencement of permitted work.

All HDPE conduit used for traffic signals or other electrically powered or operated traffic control devices, shall use a Standard Dimension Ratio of 11 (SDR 11).

Note:

A staff member of the Permittee/UAO shall attend all required FDOT field meetings and/or inspections.

Permittee shall coordinate all work with Louis Berger @ 1-888-238-6215, Extension 701 or email: US1-A1A-Permits@louisberger.com
Coordination will include a Pre-construction meeting.

SEE ATTACHMENT B & C

Permittee will provide the Department with certified "As-Built" plans prior to final acceptance of the permitted work.

Permittee will provide the necessary densities in accordance w/Section 125-8 of the Standard Specifications for Road & Bridge Construction, (latest edition) prior to final acceptance by the Department.

Permittee shall provide the Producer's Certification (Delivery Ticket) for the NS Concrete-2500 PSI (used for sidewalk, Curb & Gutter, Ditch Pavement and Traffic Separator) prior to final acceptance by the Department. The delivery ticket shall certify the concrete was batched, delivered and placed in accordance with Section 347 of the Department's Standard Specifications for Road and Bridge Construction (current edition)

Permittee will provide the Producer's Certification for the handhole/manhole (H-20, load rating) capacity prior to final acceptance by the Department. The certification must bear the original signature of a legally responsible person from the producer and is provided on the producer's letterhead.

All pull boxes shall have a 1' wide (min) x 6" deep continuous concrete apron sloped away from the box. (Typically 1%).

Sodded areas will be in accordance with Standard Plans, 570-010 and Sections 162, 570, 981, 982, 983 of the Department's Standard Specifications (latest editions). All disturbed areas will be sodded within one (1) week of installation of said permitted work.

Approved
2022-H-496-00177
Eugene Kissner
4/6/2022

***SPECIAL PROVISIONS/CONDITIONS
UTILITY PERMITS
ATTACHMENT "B"***

PURSUANT TO THE UAM, SECTION 2.7(1), PERMITTEE SHALL EXPEDITOUSLY COMPLETE THE PERMITTED WORK, RESTORE THE RIGHT OF WAY AND OBTAIN FINAL ACCEPTANCE OF SAID WORK (PER UAM 2.11) FROM THE DEPARTMENT WITHIN SIX (6) MONTHS OF THE ISSUANCE DATE, UNLESS OTHERWISE APPROVED BY THE LOCAL OPERATIONS ENGINEER, OR DESIGNEE.

**FAILURE TO OBTAIN FINAL ACCEPTANCE WILL RESULT IN NON-COMPLIANCE AND VOIDING OF SAID PERMIT.
FURTHERMORE, THE UTILITY FACILITY SHALL BE BROUGHT INTO COMPLIANCE OR REMOVED FROM THE RIGHT OF WAY (ROW) AT THE PERMITTEE'S SOLE EXPENSE (EXCEPT FOR REIMBURSEMENT RIGHTS, AS APPLICABLE)**

PERMITTEE SHALL PROVIDE A UTILITY WORK SCHEDULE (UWS) AND COORDINATE WITH CONTRACTOR PRIOR TO START OF WORK WITHIN A CONSTRUCTION ZONE.

ATTACHMENT C

LCIS LANGUAGE FOR PLANNED LANE CLOSURES

Prior to any work requiring **planned lane closures, mobile operations, or traffic pacing operations** the Contractor or Permittee shall submit a request to the LCIS system. Each request will be reviewed by the appropriate Department personnel for compliance with permit requirements, **and coordination with adjacent projects or work activities.**

All lane closure approvals **shall be obtained prior** to establishing pre work meetings in the field. All submissions should be made a **minimum of 14 days prior to proposed closure date** and must be approved by the Department before work requiring the closure may begin within FDOT Right of Way.

LCIS SYSTEM

Please register all requests at <https://LCISV2.com/home>. See guidelines below:

- Create new Username and Password

you will receive status updates via email which may be routed to users' **junk mail.**
- Select N/A for proposed County and City (**not set up currently**)
- Select state roadway # (**EX. SR786**)
- All attachments uploaded **shall be in PDF format only**
- Work events lasting longer than 2 weeks, should include a detailed work schedule (**PDF**)
- Select timeframe. **Time will automatically default to 5AM unless manually changed.** Select the pencil on the top right to edit work event times.

work event hours, and road closures cannot be requested for more than 7 hours per day.
- Closure locations must be detailed. (**EX. Eastbound Glades Rd at the intersection of St. Andrews BLVD.**)
- Work description shall include the following:
 1. Full FDOT permit number associated with lane closure (**Ex. 2018-H-496-0001-93001**)
 2. Type of work being performed (**EX. gas line installation or directional bore**)
 3. Contact information for Agent in field as well as Project Manager

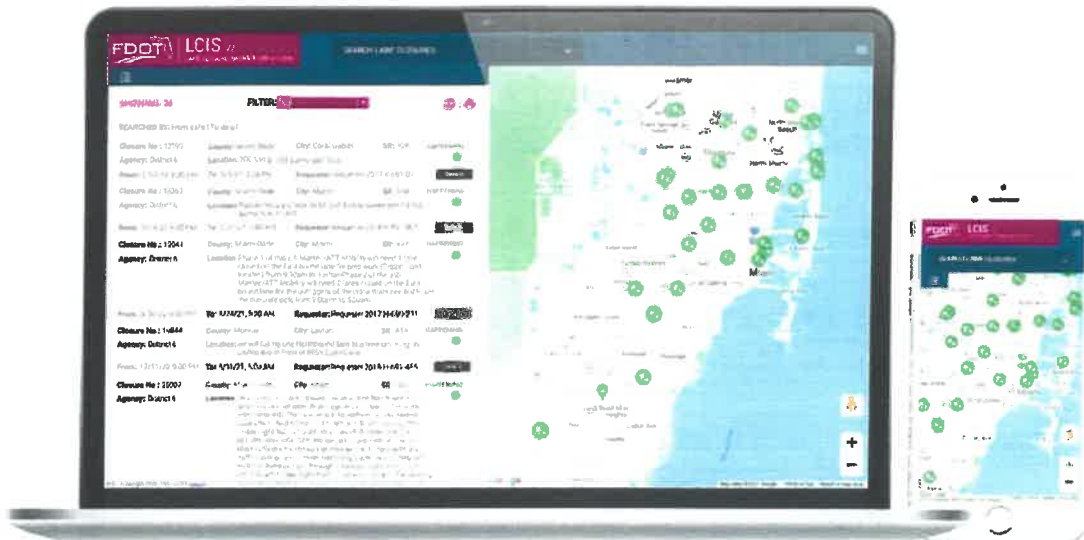
****PLEASE NOTE****

Requests are for Palm Beach County **ONLY**

Contact Carmen Beltran for questions or assistance. Email : Carmen.beltran@dot.state.fl.us Phone: (954)847-2785

May 2021

INTRODUCING THE NEW LANE CLOSURE INFORMATION SYSTEM (LCISv2)



The Traffic Operations team is pleased to announce the soft launch of LCISv2 (Beta 2.1), improving the system used so far. Please note that the system is still under test and there are many closures used as a test mode.

VISIT LCISv2

TO START USING THE SYSTEM FOLLOW THE STEPS BELOW:

STEP 1

In your browser visit:
<https://LCISv2.com>, then click on "Register" at top right, to register. Please use a real email address.

STEP 2

Then, to create a request, click on "New Request", complete the required fields and submit your request. Note that to submit your request, you need to select who will be your first Reviewer. The system will send you a confirmation to your email address.

STEP 3

After receiving the email confirmation, you can check the status of your request by clicking on the "Dashboard". Here you will be able to see all the closures related to your user.

Note that without logging into the system, you can view all closures that have already been approved by our office.

FOR QUESTIONS OR COMMENTS, PLEASE CONTACT:

✉ Alejandro Diaz, Sr. Software Engineer & System Administrator
Alejandro.Diaz@dot.state.fl.us

✉ Saud Khan, District Six Maintenance of Traffic Specialist
Saud.Khan@dot.state.fl.us

Approved
2022-H-496-00177
Eugene Kissner
4/6/2022

File Attachments for Item:

D. Consideration to approve and authorize the Mayor to execute additional contract agreement with AXON Enterprise, Inc. extending the term of the contract ten years for the purchase of body cameras, in-car cameras, LPR cameras, docking stations, mounts, redaction assistant, battery packs, automated activation feature, licensing, and warranty for the Police Department.



TOWN OF HIGHLAND BEACH

AGENDA MEMORANDUM

MEETING TYPE: Town Commission Meeting

MEETING DATE October 18, 2022

SUBMITTED BY: Chief Craig Hartmann

SUBJECT: Axon Camera System Contract Agreement

SUMMARY:

In June of 2021, Commission approved entering a 5-year contract with Axon for a package of services for body cameras and in-car camera systems (see attached Agenda Item).

Recently we learned that Axon we will be increasing their prices by about 30% and, by the end of the term of our agreement, a potential increase of 50%. As a result, we have discussed with Axon representatives the option of a 10-year contract term to lock in the current pricing. Axon has agreed that since we are in year 2 of our current contract, they will agree to an 8-year contract, thus making a 10-year contract overall. Axon has been established as the Town standard for body cameras and in-car cameras. The Town's procurement policy allows for the making of purchases based on an established Town Standard such as this.

The Master Services Agreement of the contract will not change. The only change will be in the "term" of the agreement, which will also reduce the annual cost.

FISCAL IMPACT:

Lengthening the term of the agreement will lock in current pricing and, will reduce the annual cost from \$45,922, to \$42,505.

ATTACHMENTS:

June 2021 Agenda Item, Axon Agreement
Updated Quote - Contract Extension to 10 Years

RECOMMENDATION:

Staff is recommending Commission approve the agreement to secure current pricing for additional years.



TOWN OF HIGHLAND BEACH

AGENDA MEMORANDUM

MEETING TYPE: Commission Meeting

MEETING DATE June 1, 2021

SUBMITTED BY: Chief Craig Hartmann

SUBJECT: Axon Camera System Contract Agreement

SUMMARY:

Today, the law enforcement profession is going through unprecedented times. In recent years, there have been instances (captured on video) in which a select few police officers around the nation have displayed extremely poor judgement, engaged in police misconduct and excessive force. These instances have resulted in a call for police reform by the President of the United States, Justice Department, legislators, and citizens. It is important to emphasize that the overwhelming number of police officers nationwide conduct themselves professionally, with character, integrity, and self-discipline, while treating those they serve with dignity, respect and understanding. There is a growing demand for accountability and transparency about law enforcement agencies and how police officers perform their duties. The improved technology with body worn cameras help meet that demand and reinforce the professionalism we display here in Highland Beach. The use of body worn cameras promote improved conduct by both citizens and police officers, reduce complaints of police misconduct, help assess police action, develop training needs, and provide compelling evidence for criminal prosecutions.

AXON is the industry leader in the development and deployment of body worn cameras for the law enforcement profession. Currently, there are nearly 10,000 law enforcement agencies; tens of thousands of police officers nationwide are currently using AXON cameras. The Body 3 camera by AXON is a rugged communications device, that features enhanced low-light performance, reduced motion blur, and offers an LTE connection that enables real-time features like live streaming.

The package includes a suite of features and technology designed to enhance the performance and functionality of the cameras, and to minimize the system administrative demands of managing, logging, redacting, and distributing the video and data for criminal prosecution and administrative purposes. The AXON Body 3 camera is designed with a proprietary **automatic activation** signal, which begins recording when the Taser is removed from the holster and powered on, as well as the **automatic activation** feature when the firearm is drawn from the holster. Additionally, Axon is providing the **automatic activation** feature when the lights/siren is activated on a police vehicle.

Additionally, as part of the package is 4 in-car cameras in patrol vehicles as well as 4 License Plate Recognition cameras in patrol vehicles, and Axon Air – drone camera software.

FISCAL IMPACT:

This is a 5-year contract agreement with AXON for a total cost of \$197,000.00, to be paid out over the 5-year period. The initial cost now for the first year to enter the agreement is \$ 22,395.00. The agreement includes configuration, training, a full 5-year warranty on all devices, unlimited data storage, with an automatic refresh of all body worn cameras and docking units whenever new equipment or technology is implemented by Axon. The 5-year agreement also locks in today's pricing, avoiding standard 5% annual increases.

ATTACHMENTS:

Sole Source Letter

RECOMMENDATION:

Approve funding to support the and waive the bid process to purchase the AXON body cameras, in-car cameras, LPR cameras, docking stations, mounts, redaction assistant, battery packs, automated activation feature, licensing, and warranty.



Master Services and Purchasing Agreement between Axon and Agency

This Master Services and Purchasing Agreement ("**Agreement**") is between Axon Enterprise, Inc., a Delaware corporation ("**Axon**"), and the agency on the Quote ("**Agency**"). This Agreement is effective as of the later of the (a) last signature date on this Agreement or (b) signature date on the Quote ("**Effective Date**"). Axon and Agency are each a "**Party**" and collectively "**Parties**". This Agreement governs Agency's purchase and use of the Axon Devices and Services detailed in the Quote Appendix ("**Quote**"). It is the intent of the Parties that this Agreement act as a master agreement governing all subsequent purchases by Agency for the same Axon products and services in the Quote, and all such subsequent quotes accepted by Agency shall be also incorporated into this Agreement by reference as a Quote. The Parties therefore agree as follows:

1 **Definitions.**

"**Axon Cloud Services**" means Axon's web services for Axon Evidence, Axon Records, Axon Dispatch, and interactions between Evidence.com and Axon Devices or Axon client software. Axon Cloud Service excludes third-party applications, hardware warranties, and my.evidence.com.

"**Axon Device**" means all hardware provided by Axon under this Agreement.

"**Quote**" means an offer to sell and is only valid for devices and services on the quote at the specified prices. Any terms within Agency's purchase order in response to a Quote will be void. Orders are subject to prior credit approval. Changes in the deployment estimated ship date may change charges in the Quote. Shipping dates are estimates only. Axon is not responsible for typographical errors in any offer by Axon, and Axon reserves the right to cancel any orders resulting from such errors.

"**Services**" means all services provided by Axon under this Agreement, including software, Axon Cloud Services, and professional services.

2 **Term.** This Agreement begins on the Effective Date and continues until all subscriptions hereunder have expired or have been terminated ("**Term**").

All subscriptions including Axon Evidence, Axon Fleet, Officer Safety Plans, Technology Assurance Plans, and TASER 7 plans begin after shipment of the applicable Axon Device. If Axon ships the Axon Device in the first half of the month, the start date is the 1st of the following month. If Axon ships the Axon Device in the second half of the month, the start date is the 15th of the following month. For purchases solely of Axon Evidence subscriptions, the start date is the Effective Date. Each subscription term ends upon completion of the subscription stated in the Quote ("**Subscription Term**").

3 **Payment.** Axon invoices upon shipment. Payment is due net 30 days from the invoice date. Payment obligations are non-cancelable. Agency will pay invoices without setoff, deduction, or withholding. If Axon sends a past due account to collections, Agency is responsible for collection and attorneys' fees.

4 **Taxes.** Agency is responsible for sales and other taxes associated with the order unless Agency provides Axon a valid tax exemption certificate.

5 **Shipping.** Axon may make partial shipments and ship Axon Devices from multiple locations. All shipments are FOB shipping point via common carrier. Title and risk of loss pass to Agency upon Axon's delivery to the common carrier. Agency is responsible for any shipping charges in the Quote.

6 **Returns.** All sales are final. Axon does not allow refunds or exchanges, except warranty returns or as provided by state or federal law.

7 **Warranty.**

7.1 **Hardware Limited Warranty.** Axon warrants that Axon-manufactured Devices are free from defects in workmanship and materials for 1 year from the date of Agency's receipt, except Signal Sidearm, which Axon warrants for 30 months from the date of Agency's receipt. Axon warrants its Axon-manufactured accessories for 90-days from the date of Agency's receipt. Used conducted energy weapon ("**CEW**") cartridges are deemed to have operated properly. Extended warranties run from the expiration of the 1-year hardware warranty through the extended warranty term. Non-

Axon manufactured Devices are not covered by Axon's warranty. Agency should contact the manufacturer for support of non-Axon manufactured Devices.

- 7.2 Claims.** If Axon receives a valid warranty claim for an Axon manufactured Device during the warranty term, Axon's sole responsibility is to repair or replace the Device with the same or like Device, at Axon's option. A replacement Axon Device will be new or like new. Axon will warrant the replacement Axon Device for the longer of (a) the remaining warranty of the original Axon Device or (b) 90-days from the date of repair or replacement.

If Agency exchanges a device or part, the replacement item becomes Agency's property, and the replaced item becomes Axon's property. Before delivering a Axon Device for service, Agency must upload Axon Device data to Axon Evidence or download it and retain a copy. Axon is not responsible for any loss of software, data, or other information contained in storage media or any part of the Axon Device sent to Axon for service.

- 7.3 Spare Axon Devices.** For qualified purchases, Axon may provide Agency a predetermined number of spare Axon Devices as detailed in the Quote ("**Spare Axon Devices**"). Spare Axon Devices are intended to replace broken or non-functioning units while Agency submits the broken or non-functioning units, through Axon's warranty return process. Axon will repair or replace the unit with a replacement Axon Device. Title and risk of loss for all Spare Axon Devices shall pass to Agency in accordance with shipping terms under Section 5. Axon assumes no liability or obligation in the event Agency does not utilize Spare Axon Devices for the intended purpose.

- 7.4 Limitations.** Axon's warranty excludes damage related to: (a) failure to follow Axon Device use instructions; (b) Axon Devices used with equipment not manufactured or recommended by Axon; (c) abuse, misuse, or intentional damage to Axon Device; (d) force majeure; (e) Axon Devices repaired or modified by persons other than Axon without Axon's written permission; or (f) Axon Devices with a defaced or removed serial number.

7.4.1 To the extent permitted by law, the above warranties and remedies are exclusive. Axon disclaims all other warranties, remedies, and conditions, whether oral, written, statutory, or implied. If statutory or implied warranties cannot be lawfully disclaimed, then such warranties are limited to the duration of the warranty described above and by the provisions in this Agreement.

7.4.2 Axon's cumulative liability to any Party for any loss or damage resulting from any claim, demand, or action arising out of or relating to any Axon Device or Service will not exceed the purchase price paid to Axon for the Axon Device, or if for Services, the amount paid for such Services over the 12 months preceding the claim. Neither Party will be liable for direct, special, indirect, incidental, punitive or consequential damages, however caused, whether for breach of warranty or contract, negligence, strict liability, tort or any other legal theory.

- 8 Statement of Work.** Certain Axon Devices and Services, including Axon Interview Room, Axon Channel Services, and Axon Fleet, may require a Statement of Work that details Axon's Service deliverables ("**SOW**"). In the event Axon provides an SOW to Agency, Axon is only responsible to perform Services described in the SOW. Additional services are out of scope. The Parties must document scope changes in a written and signed change order. Changes may require an equitable adjustment in fees or schedule. The SOW is incorporated into this Agreement by reference.

- 9 Axon Device Warnings.** See www.axon.com/legal for the most current Axon Device warnings.

- 10 Design Changes.** Axon may make design changes to any Axon Device or Service without notifying Agency or making the same change to Axon Devices and Services previously purchased by Agency.

- 11 Bundled Offerings.** Some offerings in bundled offerings may not be generally available at the time of Agency's purchase. Axon will not provide a refund, credit, or additional discount beyond what is in the Quote due to a delay of availability or Agency's election not to utilize any portion of an Axon bundle.



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- 12 **Insurance.** Axon will maintain General Liability, Workers' Compensation, and Automobile Liability insurance. Upon request, Axon will supply certificates of insurance.
- 13 **Indemnification.** Axon will indemnify Agency's officers, directors, and employees ("**Agency Indemnitees**") against all claims, demands, losses, and reasonable expenses arising out of a third-party claim against an Agency Indemnitee resulting from any negligent act, error or omission, or willful misconduct by Axon under this Agreement, except to the extent of Agency's negligence or willful misconduct, or claims under workers compensation. Nothing contained in this provision or in any of the contract documents shall be construed or interpreted as consent by the Town to be used, nor as a waiver of sovereign immunity beyond the waiver provided in Section 768.28 Florida Statutes.
- 14 **IP Rights.** Axon owns and reserves all right, title, and interest in Axon devices and services and suggestions to Axon, including all related intellectual property rights. Agency will not cause any Axon proprietary rights to be violated.
- 15 **IP Indemnification.** Axon will indemnify Agency Indemnitees against all claims, losses, and reasonable expenses from any third-party claim alleging that the use of Axon Devices or Services infringes or misappropriates the third-party's intellectual property rights. Agency must promptly provide Axon with written notice of such claim, tender to Axon the defense or settlement of such claim at Axon's expense and cooperate fully with Axon in the defense or settlement of such claim. Axon's IP indemnification obligations do not apply to claims based on (a) modification of Axon Devices or Services by Agency or a third-party not approved by Axon; (b) use of Axon Devices and Services in combination with hardware or services not approved by Axon; (c) use of Axon Devices and Services other than as permitted in this Agreement; or (d) use of Axon software that is not the most current release provided by Axon.
- 16 **Agency Responsibilities.** Agency is responsible for (a) Agency's use of Axon Devices; (b) breach of this Agreement or violation of applicable law by Agency or an Agency end user; and (c) a dispute between Agency and a third-party over Agency's use of Axon Devices.
- 17 **Termination.**
- 17.1 **For Breach.** A Party may terminate this Agreement for cause if it provides 30 days written notice of the breach to the other Party, and the breach remains uncured at the end of 30 days. If Agency terminates this Agreement due to Axon's uncured breach, Axon will refund prepaid amounts on a prorated basis based on the effective date of termination.
- 17.2 **By Agency.** If sufficient funds are not appropriated or otherwise legally available to pay the fees, Agency may terminate this Agreement. Agency will deliver notice of termination under this section as soon as reasonably practicable.
- 17.3 **Effect of Termination.** Upon termination of this Agreement, Agency rights immediately terminate. Agency remains responsible for all fees incurred before the effective date of termination. If Agency purchases Axon Devices for less than the manufacturer's suggested retail price ("**MSRP**") and this Agreement terminates before the end of the Term, Axon will invoice Agency the difference between the MSRP for Axon Devices received, including any Spare Axon Devices, and amounts paid towards those Axon Devices. Only if terminating for non-appropriation, Agency may return Axon Devices to Axon within 30 days of termination. MSRP is the standalone price of the individual Axon Device at the time of sale. For bundled Axon Devices, MSRP is the standalone price of all individual components.
- 18 **Confidentiality.** "**Confidential Information**" means nonpublic information designated as confidential or, given the nature of the information or circumstances surrounding disclosure, should reasonably be understood to be confidential. Each Party will take reasonable measures to avoid disclosure, dissemination, or unauthorized use of the other Party's Confidential Information. Unless required by law, neither Party will disclose the other Party's Confidential Information during the Term and for 5-years thereafter. Axon pricing is Confidential Information and competition sensitive. If Agency is required by law to disclose Axon pricing, to the extent allowed by law, Agency will provide notice to Axon before disclosure. Axon may publicly

announce information related to this Agreement.

19 General.

- 19.1 Force Majeure.** Neither Party will be liable for any delay or failure to perform due to a cause beyond a Party's reasonable control.
- 19.2 Independent Contractors.** The Parties are independent contractors. Neither Party has the authority to bind the other. This Agreement does not create a partnership, franchise, joint venture, agency, fiduciary, or employment relationship between the Parties.
- 19.3 Third-Party Beneficiaries.** There are no third-party beneficiaries under this Agreement.
- 19.4 Non-Discrimination.** Neither Party nor its employees will discriminate against any person based on race; religion; creed; color; sex; gender identity and expression; pregnancy; childbirth; breastfeeding; medical conditions related to pregnancy, childbirth, or breastfeeding; sexual orientation; marital status; age; national origin; ancestry; genetic information; disability; veteran status; or any class protected by local, state, or federal law.
- 19.5 Export Compliance.** Each Party will comply with all import and export control laws and regulations.
- 19.6 Assignment.** Neither Party may assign this Agreement without the other Party's prior written consent. Axon may assign this Agreement, its rights, or obligations without consent: (a) to an affiliate or subsidiary; or (b) for purposes of financing, merger, acquisition, corporate reorganization, or sale of all or substantially all its assets. This Agreement is binding upon the Parties respective successors and assigns.
- 19.7 Waiver.** No waiver or delay by either Party in exercising any right under this Agreement constitutes a waiver of that right.
- 19.8 Severability.** If a court of competent jurisdiction holds any portion of this Agreement invalid or unenforceable, the remaining portions of this Agreement will remain in effect.
- 19.9 Survival.** The following sections will survive termination: Payment, Warranty, Axon Device Warnings, Indemnification, IP Rights, and Agency Responsibilities.
- 19.10 Governing Law and Venue.** The laws of the state where Agency is physically located, without reference to conflict of law rules, govern this Agreement and any dispute arising from it. The United Nations Convention for the International Sale of Goods does not apply to this Agreement. Any and all legal action, including mediation, necessary to enforce this Agreement will be held in Palm Beach County, Florida.
- 19.11 Notices.** All notices must be in English. Notices posted on Agency's Axon Evidence site are effective upon posting. Notices by email are effective on the sent date of the email. Notices by personal delivery are effective immediately. Contact information for notices:
- | | |
|---|--|
| Axon: Axon Enterprise, Inc.
Attn: Legal
17800 N. 85th Street
Scottsdale, Arizona 85255
legal@axon.com | Agency: Highland Beach Police Department
Attn: Gerry Riccio
3614 S. Ocean Blvd.
Highland Beach, FL 33487
griccio@ci.highland-beach.fl.us |
|---|--|
- 19.12 Entire Agreement.** This Agreement, including Exhibit A (Required Contract Provisions), the Appendices and any SOW(s), represents the entire agreement between the Parties. This Agreement supersedes all prior agreements or understandings, whether written or verbal, regarding the subject matter of this Agreement. This Agreement may only be modified or amended in a writing signed by the Parties.

Each representative identified below declares they have been expressly authorized to execute this Agreement as of the date of signature.

Axon Enterprise, Inc.

Signature: _____

Name: _____

Title: _____

Date: _____

Mayor

Signature: _____

Name: DOUGLAS HILCMAN

Title: MAYOR

Date: 6/29/21

Agency

Signature: _____

Name: Craig Hartmann

Title: Police Chief

Date: 6/29/21

Town Clerk

Signature: Beverly Wright

Name: Beverly Wright

Title: Deputy Town Clerk

Date: 6.29.2021





Master Services and Purchasing Agreement

Exhibit A Required Contract Provisions.

1. **Public Entity Crimes.** As provided in Sections 287.132-133, Florida Statutes, as amended from time to time, by entering into the Agreement, Axon certifies that Axon, its affiliates, suppliers, subcontractors and any other contractors who will perform hereunder, have not been placed on the convicted vendor list maintained by the State of Florida Department of Management Services within the thirty-six (36) months immediately preceding the date hereof.
2. Axon shall comply with Florida's Public Records Act, Chapter 119, Florida Statutes, and, if determined to be acting on behalf of the Town as provided under section 119.011(2), Florida Statutes, specifically agrees to:
 - a. Keep and maintain public records required by the Town to perform the service.
 - b. Upon request from the Town's custodian of public records or designee, provide the Town with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
 - c. Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of this Agreement and following completion of this Agreement if the Auditor does not transfer the records to the Town.
 - d. Upon completion of this Agreement, transfer, at no cost, to the Town all public records in possession of Axon or keep and maintain public records required by the Town to perform the service. If Axon transfers all public records to the Town upon completion of the Contract, Axon shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If Axon keeps and maintains public records upon completion of the Agreement, Axon shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the Town, upon request from the Town's custodian of public records or designee, in a format that is compatible with the information technology systems of the Town.

**IF AXON HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO AXON'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS OR DESIGNEE AT:
ATTENTION, LANELDA GASKINS, TOWN CLERK
3614 S. Ocean Blvd.
Highland Beach F 33487
lgaskins@highlandbeach.us
(561)278-4548**

3. **Scrutinized Companies.** Axon certifies that it and its subcontractors are not on the Scrutinized Companies that Boycott Israel List and are not engaged in the boycott of Israel. Pursuant to section 287.135, Florida Statutes, the Town may immediately terminate this Agreement at its sole option if Axon or any of its subcontractors are found to have submitted a false certification; or if Axon or any of its subcontractors, are placed on the Scrutinized Companies that Boycott Israel List or is engaged in the boycott of Israel during the term of this Agreement.

Axon agrees to observe the above requirements for applicable subcontracts entered into for the performance of work under this Agreement. Axon agrees that the certifications in this section shall be effective and relied upon by the Town for the term of this Agreement, including any and all renewals. Axon agrees that if it or any of its subcontractors' status changes in regards to any certification herein, Axon shall immediately notify the Town of the same. As provided in Subsection 287.135(8), Florida Statutes, if federal law ceases to authorize the above-stated contracting prohibitions then they shall become inoperative.



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4. Pursuant to Section 448.095(2), Florida Statutes, beginning on January 1, 2021, Axon shall:
 - a. Register with and use the E-Verify system to verify the work authorization status of all newly hired employees and require all subcontractors (providing services or receiving funding under this Agreement) to register with and use the E-Verify system to verify the work authorization status of all the subcontractors' newly hired employees;
 - b. Secure an affidavit from all subcontractors (providing services or receiving funding under this Agreement) stating that the subcontractor does not employ, contract with, or subcontract with an unauthorized alien;
 - c. Maintain copies of all subcontractor affidavits for the duration of this Agreement;
 - d. Comply fully, and ensure all of its subcontractors comply fully, with Section 448.095, Florida Statutes;
 - e. Be aware that a violation of Section 448.09, Florida Statutes (Unauthorized aliens; employment prohibited) shall be grounds for termination of this Agreement; and
 - f. Be aware that if the Town terminates this Agreement under Section 448.095(2)(c), Florida Statutes, Axon may not be awarded a public contract for at least 1 year after the date on which the Agreement is terminated and will be liable for any additional costs incurred by the Town as a result of the termination of the Agreement.

Axon Cloud Services Terms of Use Appendix**1 Definitions.**

“Agency Content” is data uploaded into, ingested by, or created in Axon Cloud Services within Agency’s tenant, including media or multimedia uploaded into Axon Cloud Services by Agency. Agency Content includes Evidence but excludes Non-Content Data.

“Evidence” is media or multimedia uploaded into Axon Evidence as ‘evidence’ by an Agency. Evidence is a subset of Agency Content.

“Non-Content Data” is data, configuration, and usage information about Agency’s Axon Cloud Services tenant, Axon Devices and client software, and users that is transmitted or generated when using Axon Devices. Non-Content Data includes data about users captured during account management and customer support activities. Non-Content Data does not include Agency Content.

“Personal Data” means any information relating to an identified or identifiable natural person. An identifiable natural person is one who can be identified, directly or indirectly, in particular by reference to an identifier such as a name, an identification number, location data, an online identifier or to one or more factors specific to the physical, physiological, genetic, mental, economic, cultural or social identity of that natural person.

- 2 Access.** Upon Axon granting Agency a subscription to Axon Cloud Services, Agency may access and use Axon Cloud Services to store and manage Agency Content. Agency may not exceed more end users than the Quote specifies. Axon Air requires an Axon Evidence subscription for each drone operator. For Axon Evidence Lite, Agency may access and use Axon Evidence only to store and manage TASER CEW and TASER CAM data (**“TASER Data”**). Agency may not upload non-TASER Data to Axon Evidence Lite.

- 3 Agency Owns Agency Content.** Agency controls and owns all right, title, and interest in Agency Content. Except as outlined herein, Axon obtains no interest in Agency Content, and Agency Content is not Axon’s business records. Agency is solely responsible for uploading, sharing, managing, and deleting Agency Content. Axon will only have access to Agency Content for the limited purposes set forth herein. Agency agrees to allow Axon access to Agency Content to (a) perform troubleshooting, maintenance, or diagnostic screenings; and (b) enforce this Agreement or policies governing use of the Axon products.

- 4 Security.** Axon will implement commercially reasonable and appropriate measures to secure Agency Content against accidental or unlawful loss, access or disclosure. Axon will maintain a comprehensive information security program to protect Axon Cloud Services and Agency Content including logical, physical access, vulnerability, risk, and configuration management; incident monitoring and response; encryption of uploaded digital evidence; security education; and data protection. Axon agrees to the Federal Bureau of Investigation Criminal Justice Information Services Security Addendum.

- 5 Agency Responsibilities.** Agency is responsible for (a) ensuring Agency owns Agency Content; (b) ensuring no Agency Content or Agency end user’s use of Agency Content or Axon Cloud Services violates this Agreement or applicable laws; and (c) maintaining necessary computer equipment and Internet connections for use of Axon Cloud Services. If Agency becomes aware of any violation of this Agreement by an end user, Agency will immediately terminate that end user’s access to Axon Cloud Services.

Agency will also maintain the security of end user names and passwords and security and access by end users to Agency Content. Agency is responsible for ensuring the configuration and utilization



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of Axon Cloud Services meet applicable Agency regulation and standards. Agency may not sell, transfer, or sublicense access to any other entity or person. Agency shall contact Axon immediately if an unauthorized party may be using Agency's account or Agency Content, or if account information is lost or stolen.

To the extent Agency uses the Axon Cloud Services to interact with YouTube®, such use may be governed by the YouTube Terms of Service, available at <https://www.youtube.com/static?template=terms>.

- 6 **Privacy.** Agency's use of Axon Cloud Services is subject to the Axon Cloud Services Privacy Policy, a current version of which is available at <https://www.axon.com/legal/cloud-services-privacy-policy>. Axon will provide Agency reasonable notice of any changes to the Cloud Services Privacy Policy. Agency agrees to allow Axon access to Non-Content Data from Agency to (a) perform troubleshooting, maintenance, or diagnostic screenings; (b) provide, develop, improve, and support current and future Axon products and related services; and (c) enforce this Agreement or policies governing the use of Axon products.
- 7 **Axon Body 3 Wi-Fi Positioning.** Axon Body 3 cameras offer a feature to enhance location services where GPS/GNSS signals may not be available, for instance, within buildings or underground. Agency administrators can manage their choice to use this service within the administrative features of Axon Cloud Services. If Agency chooses to use this service, Axon must also enable the usage of the feature for Agency's Axon Cloud Services tenant. Agency will not see this option with Axon Cloud Services unless Axon has enabled Wi-Fi Positioning for Agency's Axon Cloud Services tenant. When Wi-Fi Positioning is enabled by both Axon and Agency, Non-Content and Personal Data will be sent to Skyhook Holdings, Inc. ("Skyhook") to facilitate the Wi-Fi Positioning functionality. Data controlled by Skyhook is outside the scope of the Axon Cloud Services Privacy Policy and is subject to the Skyhook Services Privacy Policy.
- 8 **Storage.** For Axon Unlimited Device Storage subscriptions, Agency may store unlimited data in Agency's Axon Evidence account only if data originates from Axon Capture or the applicable Axon Device. Axon may charge Agency additional fees for exceeding purchased storage amounts. Axon may place Agency Content that Agency has not viewed or accessed for 6 months into archival storage. Agency Content in archival storage will not have immediate availability and may take up to 24 hours to access.
- 9 **Location of Storage.** Axon may transfer Agency Content to third-party subcontractors for storage. Axon will determine the locations of data centers for storage of Agency Content. For United States agencies, Axon will ensure all Agency Content stored in Axon Cloud Services remains within the United States. Ownership of Agency Content remains with Agency. If Agency Content is transferred to third parties for storage, Axon will remain responsible for ensuring that the Agency Content is stored, and may be accessed, in compliance with the terms of this Agreement.
- 10 **Suspension.** Axon may temporarily suspend Agency's or any end user's right to access or use any portion or all of Axon Cloud Services immediately upon notice, if Agency or end user's use of or registration for Axon Cloud Services may (a) pose a security risk to Axon Cloud Services or any third-party; (b) adversely impact Axon Cloud Services, the systems, or content of any other customer; (c) subject Axon, Axon's affiliates, or any third-party to liability; or (d) be fraudulent.

Agency remains responsible for all fees incurred through suspension. Axon will not delete Agency Content because of suspension, except as specified in this Agreement.
- 11 **Axon Cloud Services Warranty.** Axon disclaims any warranties or responsibility for data corruption or errors before Agency uploads data to Axon Cloud Services.
- 12 **Axon Records.** Axon Records is the software-as-a-service product that is generally available at

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the time Agency purchases an OSP 7 bundle. During Agency's Axon Records Subscription Term, Agency will be entitled to receive Axon's Update and Upgrade releases on an if-and-when available basis.

The Axon Records Subscription Term will end upon the competition of the Axon Records Subscription as documented in the Quote, or if purchased as part of an OSP 7 bundle, upon competition of the OSP 7 Term ("**Axon Records Subscription**")

An "**Update**" is a generally available release of Axon Records that Axon makes available from time to time. An "**Upgrade**" includes (i) new versions of Axon Records that enhance features and functionality, as solely determined by Axon; and/or (ii) new versions of Axon Records that provide additional features or perform additional functions. Upgrades exclude new products that Axon introduces and markets as distinct products or applications.

New or additional Axon products and applications, as well as any Axon professional services needed to configure Axon Records, are not included. If Agency purchases Axon Records as part of a bundled offering, the Axon Record subscription begins on the later of the (1) start date of that bundled offering, or (2) date Axon provisions Axon Records to Agency.

- 13 **Axon Cloud Services Restrictions.** Agency and Agency end users (including employees, contractors, agents, officers, volunteers, and directors), may not, or may not attempt to:
- 13.1 copy, modify, tamper with, repair, or create derivative works of any part of Axon Cloud Services;
 - 13.2 reverse engineer, disassemble, or decompile Axon Cloud Services or apply any process to derive any source code included in Axon Cloud Services, or allow others to do the same;
 - 13.3 access or use Axon Cloud Services with the intent to gain unauthorized access, avoid incurring fees or exceeding usage limits or quotas;
 - 13.4 use trade secret information contained in Axon Cloud Services, except as expressly permitted in this Agreement;
 - 13.5 access Axon Cloud Services to build a competitive device or service or copy any features, functions, or graphics of Axon Cloud Services;
 - 13.6 remove, alter, or obscure any confidentiality or proprietary rights notices (including copyright and trademark notices) of Axon's or Axon's licensors on or within Axon Cloud Services; or
 - 13.7 use Axon Cloud Services to store or transmit infringing, libelous, or other unlawful or tortious material; to store or transmit material in violation of third-party privacy rights; or to store or transmit malicious code.
- 14 **After Termination.** Axon will not delete Agency Content for 90-days following termination. There will be no functionality of Axon Cloud Services during these 90-days other than the ability to retrieve Agency Content. Agency will not incur additional fees if Agency downloads Agency Content from Axon Cloud Services during this time. Axon has no obligation to maintain or provide Agency Content after these 90-days and will thereafter, unless legally prohibited, delete all Agency Content. Upon request, Axon will provide written proof that Axon successfully deleted and fully removed all Agency Content from Axon Cloud Services.
- 15 **Post-Termination Assistance.** Axon will provide Agency with the same post-termination data retrieval assistance that Axon generally makes available to all customers. Requests for Axon to provide additional assistance in downloading or transferring Agency Content, including requests for Axon's data egress service, will result in additional fees and Axon will not warrant or guarantee data integrity or readability in the external system.
- 16 **U.S. Government Rights.** If Agency is a U.S. Federal department or using Axon Cloud Services on behalf of a U.S. Federal department, Axon Cloud Services is provided as a "commercial item," "commercial computer software," "commercial computer software documentation," and "technical

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data", as defined in the Federal Acquisition Regulation and Defense Federal Acquisition Regulation Supplement. If Agency is using Axon Cloud Services on behalf of the U.S. Government and these terms fail to meet the U.S. Government's needs or are inconsistent in any respect with federal law, Agency will immediately discontinue use of Axon Cloud Services.

- 17 **Survival.** Upon any termination of this Agreement, the following sections in this Appendix will survive: Agency Owns Agency Content, Storage, Axon Cloud Services Warranty, and Axon Cloud Services Restrictions.



Axon Customer Experience Improvement Program Appendix

- 1 **Axon Customer Experience Improvement Program (ACEIP).** The ACEIP is designed to accelerate Axon's development of technology, such as building and supporting automated features, to ultimately increase safety within communities and drive efficiency in public safety. To this end, subject to the limitations on Axon as described below, Axon, where allowed by law, may make limited use of Agency Content from all of its customers, to provide, develop, improve, and support current and future Axon products (collectively, "**ACEIP Purposes**"). However, at all times, Axon will comply with its obligations pursuant to the Axon Cloud Services Terms of Use Appendix to maintain a comprehensive data security program (including compliance with the CJIS Security Policy for Criminal Justice Information), privacy program, and data governance policy, including high industry standards of de-identifying Personal Data, to enforce its security and privacy obligations for the ACEIP. ACEIP has 2 tiers of participation, Tier 1 and Tier 2. By default, Agency will be a participant in ACEIP Tier 1. If Agency does not want to participate in ACEIP Tier 1, Agency can revoke its consent at any time. If Agency wants to participate in Tier 2, as detailed below, Agency can check the ACEIP Tier 2 box below. If Agency does not want to participate in ACEIP Tier 2, Agency should leave box unchecked. At any time, Agency may revoke its consent to ACEIP Tier 1, Tier 2, or both Tiers.

1.1 **ACEIP Tier 1.**

- 1.1.1. When Axon uses Agency Content for the ACEIP Purposes, Axon will extract from Agency Content and may store separately copies of certain segments or elements of the Agency Content (collectively, "**ACEIP Content**"). When extracting ACEIP Content, Axon will use commercially reasonable efforts to aggregate, transform or de-identify Agency Content so that the extracted ACEIP Content is no longer reasonably capable of being associated with, or could reasonably be linked directly or indirectly to a particular individual ("**Privacy Preserving Technique(s)**"). For illustrative purposes, some examples are described in footnote 1¹. For clarity, ACEIP Content will still be linked indirectly, with an attribution, to the Agency from which it was extracted. This attribution will be stored separately from the data itself, but is necessary for and will be solely used to enable Axon to identify and delete all ACEIP Content upon Agency request. Once de-identified, ACEIP Content may then be further modified, analyzed, and used to create derivative works. At any time, Agency may revoke the consent granted herein to Axon to access and use Agency Content for ACEIP Purposes. Within 30 days of receiving the Agency's request, Axon will no longer access or use Agency Content for ACEIP Purposes and will delete any and all ACEIP Content. Axon will also delete any derivative works which may reasonably be capable of being associated with, or could reasonably be linked directly or indirectly to Agency. In addition, if Axon uses Agency Content for the ACEIP Purposes, upon request, Axon will make available to Agency a list of the specific type of Agency Content being used to generate ACEIP Content, the purpose of such use, and the retention, privacy preserving extraction technique, and relevant data protection practices

¹ For example; (a) when extracting specific text to improve automated transcription capabilities, text that could be used to directly identify a particular individual would not be extracted, and extracted text would be disassociated from identifying metadata of any speakers, and the extracted text would be split into individual words and aggregated with other data sources (including publicly available data) to remove any reasonable ability to link any specific text directly or indirectly back to a particular individual; (b) when extracting license plate data to improve Automated License Plate Recognition (ALPR) capabilities, individual license plate characters would be extracted and disassociated from each other so a complete plate could not be reconstituted, and all association to other elements of the source video, such as the vehicle, location, time, and the surrounding environment would also be removed; (c) when extracting audio of potential acoustic events (such as glass breaking or gun shots), very short segments (<1 second) of audio that only contains the likely acoustic events would be extracted and all human utterances would be removed.

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applicable to the Agency Content or ACEIP Content ("Use Case"). From time to time, Axon may develop and deploy new Use Cases. At least 30 days prior to authorizing the deployment of any new Use Case, Axon will provide Agency notice (by updating the list of Use Case at <https://www.axon.com/aceip> and providing Agency with a mechanism to obtain notice of that update or another commercially reasonable method to Agency designated contact) ("**New Use Case**").

1.1.2. Expiration of ACEIP Tier 1. Agency consent granted herein, will expire upon termination of the Agreement. In accordance with section 1.1.1, within 30 days of receiving the Agency's request, Axon will no longer access or use Agency Content for ACEIP Purposes and will delete ACEIP Content. Axon will also delete any derivative works which may reasonably be capable of being associated with, or could reasonably be linked directly or indirectly to Agency.

1.2 ACEIP Tier 2. In addition to ACEIP Tier 1, if Agency wants to help further improve Axon's services, Agency may choose to participate in Tier 2 of the ACEIP. ACEIP Tier 2, grants Axon certain additional rights to use Agency Content, in addition to those set forth in Tier 1 above, without the guaranteed deployment of a Privacy Preserving Technique to enable product development, improvement, and support that cannot be accomplished with aggregated, transformed or de-identified data.

☐ Check this box if Agency wants to help further improve Axon's services by participating in ACEIP Tier 2 in addition to Tier 1. By checking this box, Agency hereby agrees to the Axon Customer Experience Improvement Program Tier 2 Terms of Service, available at <https://www.axon.com/sales-terms-and-conditions> and incorporated herein by reference.



Technology Assurance Plan Appendix

If Technology Assurance Plan ("TAP") or a bundle including TAP is on the Quote, this appendix applies.

- 1 **TAP Warranty.** The TAP warranty is an extended warranty that starts at the end of the 1-year Hardware Limited Warranty.
- 2 **Officer Safety Plan.** If Agency purchases an Officer Safety Plan ("OSP"), Agency will receive the deliverables detailed in the Quote. Agency must accept delivery of the TASER CEW and accessories as soon as available from Axon.
- 3 **OSP 7 Term.** OSP 7 begins after Axon ships the Axon Body 3 or TASER 7 hardware to Agency. If Axon ships in the first half of the month, OSP 7 starts the 1st of the following month. If Axon ships in the second half of the month, OSP 7 starts the 15th of the following month ("**OSP 7 Term**").
- 4 **TAP BWC Upgrade.** If Agency has no outstanding payment obligations and purchased TAP, Axon will provide Agency a new Axon body-worn camera ("**BWC Upgrade**") as scheduled in the Quote. If Agency purchased TAP Axon will provide a BWC Upgrade that is the same or like Axon Device, at Axon's option. Axon makes no guarantee the BWC Upgrade will utilize the same accessories or Axon Dock.
- 5 **TAP Dock Upgrade.** If Agency has no outstanding payment obligations and purchased TAP, Axon will provide Agency a new Axon Dock as scheduled in the Quote ("**Dock Upgrade**"). Accessories associated with any Dock Upgrades are subject to change at Axon discretion. Dock Upgrades will only include a new Axon Dock bay configuration unless a new Axon Dock core is required for BWC compatibility. If Agency originally purchased a single-bay Axon Dock, the Dock Upgrade will be a single-bay Axon Dock model that is the same or like Axon Device, at Axon's option. If Agency originally purchased a multi-bay Axon Dock, the Dock Upgrade will be a multi-bay Axon Dock that is the same or like Axon Device, at Axon's option.
- 6 **Upgrade Delay.** Axon may ship the BWC and Dock Upgrades as scheduled in the Quote without prior confirmation from Agency unless the Parties agree in writing otherwise at least 90 days in advance. Axon may ship the final BWC and Dock Upgrade as scheduled in the Quote 60 days before the end of the Subscription Term without prior confirmation from Agency.
- 7 **Upgrade Change.** If Agency wants to change Axon Device models for the offered BWC or Dock Upgrade, Agency must pay the price difference between the MSRP for the offered BWC or Dock Upgrade and the MSRP for the model desired. If the model Agency desires has an MSRP less than the MSRP of the offered BWC Upgrade or Dock Upgrade, Axon will not provide a refund. The MSRP is the MSRP in effect at the time of the upgrade.
- 8 **Return of Original Axon Device.** Within 30 days of receiving a BWC or Dock Upgrade, Agency must return the original Axon Devices to Axon or destroy the Axon Devices and provide a certificate of destruction to Axon including serial numbers for the destroyed Axon Devices. If Agency does not return or destroy the Axon Devices, Axon will deactivate the serial numbers for the Axon Devices received by Agency.
- 9 **Termination.** If Agency's payment for TAP, OSP, or Axon Evidence is more than 30 days past due, Axon may terminate TAP or OSP. Once TAP or OSP terminates for any reason:
 - 9.1 TAP and OSP coverage terminate as of the date of termination and no refunds will be given.
 - 9.2 Axon will not and has no obligation to provide the Upgrade Models.
 - 9.3 Agency must make any missed payments due to the termination before Agency may purchase any future TAP or OSP.



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TASER 7 Appendix

This TASER 7 Appendix applies to Agency's TASER 7, OSP 7, or OSP 7 Plus purchase from Axon.

- 1 **Duty Cartridge Replenishment Plan.** If the Quote includes "Duty Cartridge Replenishment Plan", Agency must purchase the plan for each CEW user. A CEW user includes officers that use a CEW in the line of duty and those that only use a CEW for training. Agency may not resell cartridges received. Axon will only replace cartridges used in the line of duty.
- 2 **Training.** If the Quote includes a training voucher, Agency must use the voucher within 1 year of issuance, or the voucher will be void. Axon will issue Agency a voucher annually beginning on the start of the TASER Subscription Term. The voucher has no cash value. Agency cannot exchange it for another device or service. Unless stated in the Quote, the voucher does not include travel expenses and will be Agency's responsibility. If the Quote includes Axon Online Training or Virtual Reality Content Empathy Development for Autism/Schizophrenia (collectively, "Training Content"), Agency may access Training Content. Axon will deliver all Training Content electronically.
- 3 **Extended Warranty.** If the Quote includes an extended warranty, the extended warranty coverage period warranty will be for a 5-year term, which includes the hardware manufacturer's warranty plus the 4-year extended term.
- 4 **Trade-in.** If the Quote contains a discount on CEW-related line items, including items related to OSP, then that discount may only be applied as a trade-in credit, and Agency must return used hardware and accessories associated with the discount ("Trade-In Units") to Axon. Agency must ship batteries via ground shipping. Axon will pay shipping costs of the return. If Axon does not receive Trade-In Units within the timeframe below, Axon will invoice Agency the value of the trade-in credit. Agency may not destroy Trade-In Units and receive a trade-in credit.

Agency Size	Days to Return from Start Date of TASER 7 Subscription
Less than 100 officers	30 days
100 to 499 officers	90 days
500+ officers	180 days

- 5 **TASER 7 Subscription Term.** The TASER 7 Subscription Term for a standalone TASER 7 purchase begins on shipment of the TASER 7 hardware. The TASER 7 Subscription Term for OSP 7 begins on the OSP 7 Start date.
- 6 **Access Rights.** Upon Axon granting Agency a TASER 7 Axon Evidence subscription, Agency may access and use Axon Evidence for the storage and management of data from TASER 7 CEW devices during the TASER 7 Subscription Term. Agency may not upload any non-TASER 7 data or any other files to Axon Evidence. Agency may not exceed the number of end users than the Quote specifies.
- 7 **Privacy.** Axon will not disclose Agency Content or any information about Agency except as compelled by a court or administrative body or required by any law or regulation. Axon will give notice if any disclosure request is received for Agency Content, so Agency may file an objection with the court or administrative body.
- 8 **Termination.** If payment for TASER 7 is more than 30 days past due, Axon may terminate Agency's TASER 7 plan by notifying Agency. Upon termination for any reason, then as of the date of termination:



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- 8.1 TASER 7 extended warranties and access to Training Content will terminate. No refunds will be given.
- 8.2 Axon will invoice Agency the remaining MSRP for TASER 7 products received before termination. If terminating for non-appropriations, Axon will not invoice Agency if Agency returns the CEW, rechargeable battery, holster, dock, core, training suits, and unused cartridges to Axon within 30 days of the date of termination.
- 8.3 Agency will be responsible for payment of any missed payments due to the termination before being allowed to purchase any future TASER 7 plan.



Axon Auto-Tagging Appendix

- 1 **Scope.** Axon Auto-Tagging consists of the development of a module to allow Axon Evidence to interact with Agency's Computer-Aided Dispatch ("CAD") or Records Management Systems ("RMS"). This allows end users to auto-populate Axon video meta-data with a case ID, category, and location-based on data maintained in Agency's CAD or RMS.
- 2 **Support.** For thirty days after completing Auto-Tagging Services, Axon will provide up to 5 hours of remote support at no additional charge. Axon will provide free support due to a change in Axon Evidence, so long as long as Agency maintains an Axon Evidence and Auto-Tagging subscription. Axon will not provide support if a change is required because Agency changes its CAD or RMS.
- 3 **Changes.** Axon is only responsible to perform the Services in this Appendix. Any additional Services are out of scope. The Parties must document scope changes in a written and signed change order. Changes may require an equitable adjustment in fees or schedule.
- 4 **Agency Responsibilities.** Axon's performance of Auto-Tagging Services requires Agency to:
 - 4.1 Make available relevant systems, including Agency's current CAD or RMS, for assessment by Axon (including remote access if possible);
 - 4.2 Make required modifications, upgrades or alterations to Agency's hardware, facilities, systems and networks related to Axon's performance of Auto-Tagging Services;
 - 4.3 Provide access to the premises where Axon is performing Auto-Tagging Services, subject to Agency safety and security restrictions, and allow Axon to enter and exit the premises with laptops and materials needed to perform Auto-Tagging Services;
 - 4.4 Provide all infrastructure and software information (TCP/IP addresses, node names, network configuration) necessary for Axon to provide Auto-Tagging Services;
 - 4.5 Promptly install and implement any software updates provided by Axon;
 - 4.6 Ensure that all appropriate data backups are performed;
 - 4.7 Provide assistance, participation, and approvals in testing Auto-Tagging Services;
 - 4.8 Provide Axon with remote access to Agency's Axon Evidence account when required;
 - 4.9 Notify Axon of any network or machine maintenance that may impact the performance of the module at Agency; and
 - 4.10 Ensure reasonable availability of knowledgeable staff and personnel to provide timely, accurate, complete, and up-to-date documentation and information to Axon.
- 5 **Access to Systems.** Agency authorizes Axon to access Agency's relevant computers, network systems, and CAD or RMS solely for performing Auto-Tagging Services. Axon will work diligently to identify as soon as reasonably practicable resources and information Axon expects to use and will provide an initial list to Agency. Agency is responsible for and assumes the risk of any problems, delays, losses, claims, or expenses resulting from the content, accuracy, completeness, and consistency of all data, materials, and information supplied by Agency.



Axon Fleet Appendix

- 1 **Agency Responsibilities.** Agency must ensure its infrastructure and vehicles adhere to the minimum requirements to operate Axon Fleet 2 or Axon Fleet 3 (collectively, "Axon Fleet") as established by Axon during the qualifier call and on-site assessment at Agency and in any technical qualifying questions. If Agency's representations are inaccurate, the Quote is subject to change.
- 2 **Cradlepoint.** If Agency purchases Cradlepoint Enterprise Cloud Manager, Agency will comply with Cradlepoint's end user license agreement. The term of the Cradlepoint license may differ from the Axon Evidence Subscription. If Agency requires Cradlepoint support, Agency will contact Cradlepoint directly.
- 3 **Third-party Installer.** Axon will not be liable for the failure of Axon Fleet hardware to operate per specifications if such failure results from installation not performed by, or as directed by Axon.
- 4 **Wireless Offload Server.**
 - 4.1 **License Grant.** Axon grants Agency a non-exclusive, royalty-free, worldwide, perpetual license to use Wireless Offload Server ("WOS"). "Use" means storing, loading, installing, or executing WOS solely for data communication with Axon Devices for the number of licenses purchased. The WOS term begins upon the start of the Axon Evidence Subscription.
 - 4.2 **Restrictions.** Agency may not: (a) modify, alter, tamper with, repair, or create derivative works of WOS; (b) reverse engineer, disassemble, or decompile WOS, apply any process to derive the source code of WOS, or allow others to do so; (c) access or use WOS to avoid incurring fees or exceeding usage limits; (d) copy WOS in whole or part; (e) use trade secret information contained in WOS; (f) resell, rent, loan or sublicense WOS; (g) access WOS to build a competitive device or service or copy any features, functions or graphics of WOS; or (h) remove, alter or obscure any confidentiality or proprietary rights notices (including copyright and trademark notices) of Axon or Axon's licensors on or within WOS.
 - 4.3 **Updates.** If Agency purchases WOS maintenance, Axon will make updates and error corrections to WOS ("WOS Updates") available electronically via the Internet or media as determined by Axon. Agency is responsible for establishing and maintaining adequate Internet access to receive WOS Updates and maintaining computer equipment necessary for use of WOS. The Quote will detail the maintenance term.
 - 4.4 **WOS Support.** Upon request by Axon, Agency will provide Axon with access to Agency's store and forward servers solely for troubleshooting and maintenance.
- 5 **Axon Vehicle Software.**
 - 5.1 **License Grant.** Axon grants Agency a non-exclusive, royalty-free, worldwide, perpetual license to use ViewXL or Dashboard (collectively, "Axon Vehicle Software"). "Use" means storing, loading, installing, or executing Axon Vehicle Software solely for data communication with Axon Devices. The Axon Vehicle Software term begins upon the start of the Axon Evidence Subscription.
 - 5.2 **Restrictions.** Agency may not: (a) modify, alter, tamper with, repair, or create derivative works of Axon Vehicle Software; (b) reverse engineer, disassemble, or decompile Axon Vehicle Software, apply any process to derive the source code of Axon Vehicle Software, or allow others to do so; (c) access or use Axon Vehicle Software to avoid incurring fees or exceeding usage limits; (d) copy Axon Vehicle Software in whole or part; (e) use trade secret information contained in Axon Vehicle Software; (f) resell, rent, loan or sublicense Axon Vehicle Software; (g) access Axon Vehicle Software to build a competitive device or service or copy any features, functions or graphics of Axon Vehicle Software; or (h)



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remove, alter or obscure any confidentiality or proprietary rights notices (including copyright and trademark notices) of Axon or Axon's licensors on or within Axon Vehicle Software.

- 6 **Axon Fleet Upgrade.** If Agency has no outstanding payment obligations and has purchased the "Fleet Technology Assurance Plan" (Fleet TAP), Axon will provide Agency with the same or like model of Fleet hardware ("Fleet Upgrade") as schedule on the Quote.

If Agency would like to change models for the Axon Fleet Upgrade, Agency must pay the difference between the MSRP for the offered Axon Fleet Upgrade and the MSRP for the model desired. The MSRP is the MSRP in effect at the time of the upgrade. Agency is responsible for the removal of previously installed hardware and installation of the Axon Fleet Upgrade.

Within 30 days of receiving the Axon Fleet Upgrade, Agency must return the original Axon Devices to Axon or destroy the Axon Devices and provide a certificate of destruction to Axon, including serial numbers of the destroyed Axon Devices. If Agency does not destroy or return the Axon Devices to Axon, Axon will deactivate the serial numbers for the Axon Devices received by Agency.

- 7 **Privacy.** Axon will not disclose Agency Content or any information about Agency except as compelled by a court or administrative body or required by any law or regulation. Axon will give notice if any disclosure request is received for Agency Content, so Agency may file an objection with the court or administrative body.

- 8 **Axon Fleet Termination.** Axon may terminate Agency's Fleet subscription for non-payment. Upon any termination:

8.1 Axon Fleet subscription coverage terminates, and no refunds will be given.

8.2 Axon will not and has no obligation to provide the Axon Fleet Upgrade.

8.3 Agency will be responsible for payment of any missed payments due to the termination before being allowed to purchase any future Fleet TAP.

Add-on Services Appendix

This Appendix applies to Axon Citizen for Communities, Axon Redaction Assistant, and Axon Performance.

- 1 **Subscription Term.** If Agency purchases Axon Citizen for Communities, Axon Redaction Assistant, or Axon Performance as part of OSP 7, the subscription begins on the later of the (1) start date of the OSP 7 Term, or (2) date Axon provisions Axon Citizen for Communities, Axon Redaction Assistant, or Axon Performance to Agency.

If Agency purchases Axon Citizen for Communities, Axon Redaction Assistant, or Axon Performance as a standalone, the subscription begins the later of the (1) date Axon provisions Axon Citizen for Communities, Axon Redaction Assistant, or Axon Performance to Agency, or (2) first day of the month following the Effective Date.

The subscription term will end upon the completion of the Axon Evidence Subscription associated with the add-on.

- 2 **Axon Citizen Storage.** For Axon Citizen, Agency may store an unlimited amount of data submitted through the public portal ("**Portal Content**"), within Agency's Axon Evidence instance. The post-termination provisions outlined in the Axon Cloud Services Terms of Use Appendix also apply to Portal Content.
- 3 **Performance Auto-Tagging Data.** In order to provide some features of Axon Performance to Agency, Axon will need to store call for service data from Agency's CAD or RMS.



Axon Enterprise, Inc.
 17800 N 85th St.
 Scottsdale, Arizona 85255
 United States
 VAT: 86-0741227
 Domestic: (800) 978-2737
 International: +1.800.978.2737

Q-425689-44840.792DF

Issued: 10/06/2022

Quote Expiration: 11/15/2022

Estimated Contract Start Date: 01/01/2023

Account Number: 164271

Payment Terms: N30

Delivery Method:

SHIP TO	BILL TO
Business;Delivery;Invoice-3614 S Ocean Blvd 3614 S Ocean Blvd Highland Beach, FL 33487-3393 USA	Highland Beach Police Dept. - FL 3614 S Ocean Blvd Highland Beach, FL 33487-3393 USA Email:

SALES REPRESENTATIVE	PRIMARY CONTACT
Dave Finethy Phone: (602) 830-0397 Email: dfinethy@axon.com Fax:	Gerardo Riccio Phone: Email: griccio@highlandbeach.us Fax:

Quote Summary

Program Length	96 Months
TOTAL COST	\$340,044.74
ESTIMATED TOTAL W/ TAX	\$340,044.74

Discount Summary

Average Savings Per Year	\$2,702.77
TOTAL SAVINGS	\$21,622.18

Payment Summary

Date	Subtotal	Tax	Total
Dec 2022	\$42,505.58	\$0.00	\$42,505.58
Dec 2023	\$42,505.56	\$0.00	\$42,505.56
Dec 2024	\$42,505.56	\$0.00	\$42,505.56
Dec 2025	\$42,505.56	\$0.00	\$42,505.56
Dec 2026	\$42,505.56	\$0.00	\$42,505.56
Dec 2027	\$42,505.56	\$0.00	\$42,505.56
Dec 2028	\$42,505.56	\$0.00	\$42,505.56
Dec 2029	\$42,505.80	\$0.00	\$42,505.80
Total	\$340,044.74	\$0.00	\$340,044.74

Quote Unbundled Price:	\$361,666.92
Quote List Price:	\$370,189.80
Quote Subtotal:	\$340,044.74

Pricing

All deliverables are detailed in Delivery Schedules section lower in proposal

Item	Description	Qty	Term	Unbundled	List Price	Net Price	Subtotal	Tax	Total
Program									
100552	TRANSFER CREDIT - GOODS	1			\$1.00	(\$6,202.55)	(\$6,202.55)	\$0.00	(\$6,202.55)
100553	TRANSFER CREDIT - SOFTWARE AND SERVICES	1			\$1.00	(\$9,115.91)	(\$9,115.91)	\$0.00	(\$9,115.91)
BWCamTAP10Yr	Body Worn Camera TAP 10 Year Bundle	18	96	\$30.08	\$28.64	\$28.64	\$49,489.92	\$0.00	\$49,489.92
BWCamMBDTAP10Year	Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	2	96	\$62.16	\$30.18	\$30.18	\$5,794.56	\$0.00	\$5,794.56
T7Cert10Y	2021 Taser 7 Certification 10 Year Bundle	17	96	\$55.23	\$62.81	\$62.81	\$102,505.92	\$0.00	\$102,505.92
Fleet3B+TAP10Yr	Fleet 3 Basic + TAP 10 Year	4	96	\$136.55	\$149.00	\$149.00	\$57,216.00	\$0.00	\$57,216.00
A la Carte Hardware									
AB3C	AB3 Camera Bundle	18			\$699.00	\$0.00	\$0.00	\$0.00	\$0.00
AB3MBD	AB3 Multi Bay Dock Bundle	2			\$1,538.90	\$0.00	\$0.00	\$0.00	\$0.00
A la Carte Software									
73682	AUTO TAGGING LICENSE	15	96		\$9.00	\$9.00	\$12,960.00	\$0.00	\$12,960.00
73478	REDACTION ASSISTANT USER LICENSE	15	96		\$9.00	\$9.00	\$12,960.00	\$0.00	\$12,960.00
73686	EVIDENCE.COM UNLIMITED AXON DEVICE STORAGE	18	96		\$24.00	\$24.00	\$41,472.00	\$0.00	\$41,472.00
80401	FLEET 3, ALPR LICENSE, 1 CAMERA	4	96		\$49.00	\$49.00	\$18,816.00	\$0.00	\$18,816.00
12029	AXON AIR, EVIDENCE.COM LIC BASIC ACCESS	1	96		\$15.00	\$15.00	\$1,440.00	\$0.00	\$1,440.00
BasicLicense	Basic License Bundle	15	96		\$15.00	\$15.34	\$22,089.60	\$0.00	\$22,089.60
ProLicense	Pro License Bundle	4	96		\$39.00	\$39.90	\$15,321.60	\$0.00	\$15,321.60
A la Carte Warranties									
80374	EXT WARRANTY, TASER 7 BATTERY PACK	20	96		\$0.44	\$0.44	\$844.80	\$0.00	\$844.80
80387	EXT WARRANTY, TASER 7 SINGLE BAY DOCK	1	96		\$2.85	\$2.85	\$273.60	\$0.00	\$273.60
80395	EXT WARRANTY, TASER 7 HANDLE	17	96		\$6.58	\$6.58	\$10,738.56	\$0.00	\$10,738.56
80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	4	96		\$8.96	\$8.96	\$3,440.64	\$0.00	\$3,440.64
Total							\$340,044.74	\$0.00	\$340,044.74

Delivery Schedule

Hardware

Bundle	Item	Description	QTY	Estimated Delivery Date
2021 Taser 7 Certification 10 Year Bundle	22175	TASER 7 LIVE CARTRIDGE, STANDOFF (3.5-DEGREE) NS	34	12/01/2022
2021 Taser 7 Certification 10 Year Bundle	22176	TASER 7 LIVE CARTRIDGE, CLOSE QUARTERS (12-DEGREE) NS	34	12/01/2022
2021 Taser 7 Certification 10 Year Bundle	22177	TASER 7 HOOK-AND-LOOP TRN (HALT) CARTRIDGE, STANDOFF NS	34	12/01/2022
2021 Taser 7 Certification 10 Year Bundle	22178	TASER 7 HOOK-AND-LOOP TRN (HALT) CARTRIDGE, CLOSE QUART NS	34	12/01/2022
AB3 Camera Bundle	11507	MOLLE MOUNT, SINGLE, AXON RAPIDLOCK	20	12/01/2022
AB3 Camera Bundle	11534	USB-C to USB-A CABLE FOR AB3 OR FLEX 2	20	12/01/2022
AB3 Camera Bundle	73202	AXON BODY 3 - NA10 - US - BLK - RAPIDLOCK	18	12/01/2022
AB3 Multi Bay Dock Bundle	70033	WALL MOUNT BRACKET, ASSY, EVIDENCE.COM DOCK	2	12/01/2022
AB3 Multi Bay Dock Bundle	71019	NORTH AMER POWER CORD FOR AB3 8-BAY, AB2 1-BAY / 6-BAY DOCK	2	12/01/2022
AB3 Multi Bay Dock Bundle	74210	AXON BODY 3 - 8 BAY DOCK	2	12/01/2022
Fleet 3 Basic + TAP 10 Year	11634	CRADLEPOINT IBR900-1200M-B-NPS+5YR NETCLOUD	4	12/01/2022
Fleet 3 Basic + TAP 10 Year	71200	FLEET ANT, AIRGAIN, 5-IN-1, 2LTE, 2WIFI, 1GNSS, BL	4	12/01/2022
2021 Taser 7 Certification 10 Year Bundle	22175	TASER 7 LIVE CARTRIDGE, STANDOFF (3.5-DEGREE) NS	34	12/01/2023
2021 Taser 7 Certification 10 Year Bundle	22176	TASER 7 LIVE CARTRIDGE, CLOSE QUARTERS (12-DEGREE) NS	34	12/01/2023
2021 Taser 7 Certification 10 Year Bundle	22175	TASER 7 LIVE CARTRIDGE, STANDOFF (3.5-DEGREE) NS	34	12/01/2024
2021 Taser 7 Certification 10 Year Bundle	22176	TASER 7 LIVE CARTRIDGE, CLOSE QUARTERS (12-DEGREE) NS	34	12/01/2024
Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	73689	MULTI-BAY BWC DOCK 1ST REFRESH	2	06/01/2025
Body Worn Camera TAP 10 Year Bundle	73309	AXON CAMERA REFRESH ONE	18	06/01/2025
2021 Taser 7 Certification 10 Year Bundle	20242	TASER CERTIFICATION PROGRAM YEAR 6-10 HARDWARE	17	12/01/2025
Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	73688	MULTI-BAY BWC DOCK 2ND REFRESH	2	12/01/2027
Body Worn Camera TAP 10 Year Bundle	73310	AXON CAMERA REFRESH TWO	18	12/01/2027
Fleet 3 Basic + TAP 10 Year	72040	FLEET REFRESH, 2 CAMERA KIT	4	12/01/2027
Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	73347	MULTI-BAY BWC DOCK 3RD REFRESH	2	06/01/2030
Body Worn Camera TAP 10 Year Bundle	73345	AXON CAMERA REFRESH THREE	18	06/01/2030
Fleet 3 Basic + TAP 10 Year	100092	FLEET REFRESH TWO, 2 CAMERA KIT	4	12/01/2030

Software

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
2021 Taser 7 Certification 10 Year Bundle	20248	TASER 7 EVIDENCE.COM LICENSE	17	01/01/2023	12/31/2030
2021 Taser 7 Certification 10 Year Bundle	20248	TASER 7 EVIDENCE.COM LICENSE	1	01/01/2023	12/31/2030
Basic License Bundle	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE-	15	01/01/2023	12/31/2030
Basic License Bundle	73840	EVIDENCE.COM BASIC LICENSE	15	01/01/2023	12/31/2030
Fleet 3 Basic + TAP 10 Year	80400	FLEET, VEHICLE LICENSE	4	01/01/2023	12/31/2030
Fleet 3 Basic + TAP 10 Year	80410	FLEET, UNLIMITED STORAGE, 1 CAMERA	8	01/01/2023	12/31/2030
Pro License Bundle	73683	10 GB EVIDENCE.COM A-LA-CART STORAGE-	12	01/01/2023	12/31/2030
Pro License Bundle	73746	PROFESSIONAL EVIDENCE.COM LICENSE	4	01/01/2023	12/31/2030
A la Carte	12029	AXON AIR, EVIDENCE.COM LIC BASIC ACCESS	1	01/01/2023	12/31/2030
A la Carte	73478	REDACTION ASSISTANT USER LICENSE	15	01/01/2023	12/31/2030
A la Carte	73682	AUTO TAGGING LICENSE	15	01/01/2023	12/31/2030
A la Carte	73686	EVIDENCE.COM UNLIMITED AXON DEVICE STORAGE	18	01/01/2023	12/31/2030
A la Carte	80401	FLEET 3, ALPR LICENSE, 1 CAMERA	4	01/01/2023	12/31/2030

Services

Bundle	Item	Description	QTY
Fleet 3 Basic + TAP 10 Year	73392	FLEET 3 UPGRADE INSTALLATION (PER VEHICLE)	4

Warranties

Bundle	Item	Description	QTY	Estimated Start Date	Estimated End Date
A la Carte	80374	EXT WARRANTY, TASER 7 BATTERY PACK	20	01/01/2023	12/31/2030
A la Carte	80387	EXT WARRANTY, TASER 7 SINGLE BAY DOCK	1	01/01/2023	12/31/2030
A la Carte	80395	EXT WARRANTY, TASER 7 HANDLE	17	01/01/2023	12/31/2030
A la Carte	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	4	01/01/2023	12/31/2030
Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	80465	EXT WARRANTY, MULTI-BAY DOCK (TAP)	2	12/01/2023	12/31/2030
Body Worn Camera TAP 10 Year Bundle	80464	EXT WARRANTY, CAMERA (TAP)	18	12/01/2023	12/31/2030

Payment Details

Dec 2022

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 1	100552	TRANSFER CREDIT - GOODS	1	(\$775.32)	\$0.00	(\$775.32)
Year 1	100553	TRANSFER CREDIT - SOFTWARE AND SERVICES	1	(\$1,139.49)	\$0.00	(\$1,139.49)
Year 1	12029	AXON AIR, EVIDENCE.COM LIC BASIC ACCESS	1	\$180.00	\$0.00	\$180.00
Year 1	73478	REDACTION ASSISTANT USER LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 1	73682	AUTO TAGGING LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 1	73686	EVIDENCE.COM UNLIMITED AXON DEVICE STORAGE	18	\$5,184.00	\$0.00	\$5,184.00
Year 1	80374	EXT WARRANTY, TASER 7 BATTERY PACK	20	\$105.60	\$0.00	\$105.60
Year 1	80387	EXT WARRANTY, TASER 7 SINGLE BAY DOCK	1	\$34.20	\$0.00	\$34.20
Year 1	80395	EXT WARRANTY, TASER 7 HANDLE	17	\$1,342.32	\$0.00	\$1,342.32
Year 1	80401	FLEET 3, ALPR LICENSE, 1 CAMERA	4	\$2,352.00	\$0.00	\$2,352.00
Year 1	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	4	\$430.08	\$0.00	\$430.08
Year 1	AB3C	AB3 Camera Bundle	18	\$0.00	\$0.00	\$0.00
Year 1	AB3MBD	AB3 Multi Bay Dock Bundle	2	\$0.00	\$0.00	\$0.00
Year 1	BasicLicense	Basic License Bundle	15	\$2,761.20	\$0.00	\$2,761.20
Year 1	BWCamMBDTAP10Year	Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	2	\$724.31	\$0.00	\$724.31
Year 1	BWCamTAP10Yr	Body Worn Camera TAP 10 Year Bundle	18	\$6,186.24	\$0.00	\$6,186.24
Year 1	Fleet3B+TAP10Yr	Fleet 3 Basic + TAP 10 Year	4	\$7,152.01	\$0.00	\$7,152.01
Year 1	ProLicense	Pro License Bundle	4	\$1,915.20	\$0.00	\$1,915.20
Year 1	T7Cert10Y	2021 Taser 7 Certification 10 Year Bundle	17	\$12,813.23	\$0.00	\$12,813.23
Total				\$42,505.58	\$0.00	\$42,505.58

Dec 2023

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 2	100552	TRANSFER CREDIT - GOODS	1	(\$775.32)	\$0.00	(\$775.32)
Year 2	100553	TRANSFER CREDIT - SOFTWARE AND SERVICES	1	(\$1,139.49)	\$0.00	(\$1,139.49)
Year 2	12029	AXON AIR, EVIDENCE.COM LIC BASIC ACCESS	1	\$180.00	\$0.00	\$180.00
Year 2	73478	REDACTION ASSISTANT USER LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 2	73682	AUTO TAGGING LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 2	73686	EVIDENCE.COM UNLIMITED AXON DEVICE STORAGE	18	\$5,184.00	\$0.00	\$5,184.00
Year 2	80374	EXT WARRANTY, TASER 7 BATTERY PACK	20	\$105.60	\$0.00	\$105.60
Year 2	80387	EXT WARRANTY, TASER 7 SINGLE BAY DOCK	1	\$34.20	\$0.00	\$34.20
Year 2	80395	EXT WARRANTY, TASER 7 HANDLE	17	\$1,342.32	\$0.00	\$1,342.32
Year 2	80401	FLEET 3, ALPR LICENSE, 1 CAMERA	4	\$2,352.00	\$0.00	\$2,352.00
Year 2	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	4	\$430.08	\$0.00	\$430.08
Year 2	AB3C	AB3 Camera Bundle	18	\$0.00	\$0.00	\$0.00
Year 2	AB3MBD	AB3 Multi Bay Dock Bundle	2	\$0.00	\$0.00	\$0.00
Year 2	BasicLicense	Basic License Bundle	15	\$2,761.20	\$0.00	\$2,761.20
Year 2	BWCamMBDTAP10Year	Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	2	\$724.31	\$0.00	\$724.31
Year 2	BWCamTAP10Yr	Body Worn Camera TAP 10 Year Bundle	18	\$6,186.24	\$0.00	\$6,186.24
Year 2	Fleet3B+TAP10Yr	Fleet 3 Basic + TAP 10 Year	4	\$7,151.99	\$0.00	\$7,151.99
Year 2	ProLicense	Pro License Bundle	4	\$1,915.20	\$0.00	\$1,915.20
Year 2	T7Cert10Y	2021 Taser 7 Certification 10 Year Bundle	17	\$12,813.23	\$0.00	\$12,813.23

Dec 2023						
Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Total				\$42,505.56	\$0.00	\$42,505.56

Dec 2024						
Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 3	100552	TRANSFER CREDIT - GOODS	1	(\$775.32)	\$0.00	(\$775.32)
Year 3	100553	TRANSFER CREDIT - SOFTWARE AND SERVICES	1	(\$1,139.49)	\$0.00	(\$1,139.49)
Year 3	12029	AXON AIR, EVIDENCE.COM LIC BASIC ACCESS	1	\$180.00	\$0.00	\$180.00
Year 3	73478	REDACTION ASSISTANT USER LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 3	73682	AUTO TAGGING LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 3	73686	EVIDENCE.COM UNLIMITED AXON DEVICE STORAGE	18	\$5,184.00	\$0.00	\$5,184.00
Year 3	80374	EXT WARRANTY, TASER 7 BATTERY PACK	20	\$105.60	\$0.00	\$105.60
Year 3	80387	EXT WARRANTY, TASER 7 SINGLE BAY DOCK	1	\$34.20	\$0.00	\$34.20
Year 3	80395	EXT WARRANTY, TASER 7 HANDLE	17	\$1,342.32	\$0.00	\$1,342.32
Year 3	80401	FLEET 3, ALPR LICENSE, 1 CAMERA	4	\$2,352.00	\$0.00	\$2,352.00
Year 3	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	4	\$430.08	\$0.00	\$430.08
Year 3	AB3C	AB3 Camera Bundle	18	\$0.00	\$0.00	\$0.00
Year 3	AB3MBD	AB3 Multi Bay Dock Bundle	2	\$0.00	\$0.00	\$0.00
Year 3	BasicLicense	Basic License Bundle	15	\$2,761.20	\$0.00	\$2,761.20
Year 3	BWCamMBDTAP10Year	Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	2	\$724.31	\$0.00	\$724.31
Year 3	BWCamTAP10Yr	Body Worn Camera TAP 10 Year Bundle	18	\$6,186.24	\$0.00	\$6,186.24
Year 3	Fleet3B+TAP10Yr	Fleet 3 Basic + TAP 10 Year	4	\$7,151.99	\$0.00	\$7,151.99
Year 3	ProLicense	Pro License Bundle	4	\$1,915.20	\$0.00	\$1,915.20
Year 3	T7Cert10Y	2021 Taser 7 Certification 10 Year Bundle	17	\$12,813.23	\$0.00	\$12,813.23
Total				\$42,505.56	\$0.00	\$42,505.56

Dec 2025						
Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 4	100552	TRANSFER CREDIT - GOODS	1	(\$775.32)	\$0.00	(\$775.32)
Year 4	100553	TRANSFER CREDIT - SOFTWARE AND SERVICES	1	(\$1,139.49)	\$0.00	(\$1,139.49)
Year 4	12029	AXON AIR, EVIDENCE.COM LIC BASIC ACCESS	1	\$180.00	\$0.00	\$180.00
Year 4	73478	REDACTION ASSISTANT USER LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 4	73682	AUTO TAGGING LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 4	73686	EVIDENCE.COM UNLIMITED AXON DEVICE STORAGE	18	\$5,184.00	\$0.00	\$5,184.00
Year 4	80374	EXT WARRANTY, TASER 7 BATTERY PACK	20	\$105.60	\$0.00	\$105.60
Year 4	80387	EXT WARRANTY, TASER 7 SINGLE BAY DOCK	1	\$34.20	\$0.00	\$34.20
Year 4	80395	EXT WARRANTY, TASER 7 HANDLE	17	\$1,342.32	\$0.00	\$1,342.32
Year 4	80401	FLEET 3, ALPR LICENSE, 1 CAMERA	4	\$2,352.00	\$0.00	\$2,352.00
Year 4	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	4	\$430.08	\$0.00	\$430.08
Year 4	AB3C	AB3 Camera Bundle	18	\$0.00	\$0.00	\$0.00
Year 4	AB3MBD	AB3 Multi Bay Dock Bundle	2	\$0.00	\$0.00	\$0.00
Year 4	BasicLicense	Basic License Bundle	15	\$2,761.20	\$0.00	\$2,761.20
Year 4	BWCamMBDTAP10Year	Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	2	\$724.31	\$0.00	\$724.31
Year 4	BWCamTAP10Yr	Body Worn Camera TAP 10 Year Bundle	18	\$6,186.24	\$0.00	\$6,186.24
Year 4	Fleet3B+TAP10Yr	Fleet 3 Basic + TAP 10 Year	4	\$7,151.99	\$0.00	\$7,151.99
Year 4	ProLicense	Pro License Bundle	4	\$1,915.20	\$0.00	\$1,915.20

Dec 2025						
Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 4	T7Cert10Y	2021 Taser 7 Certification 10 Year Bundle	17	\$12,813.23	\$0.00	\$12,813.23
Total				\$42,505.56	\$0.00	\$42,505.56

Dec 2026						
Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 5	100552	TRANSFER CREDIT - GOODS	1	(\$775.32)	\$0.00	(\$775.32)
Year 5	100553	TRANSFER CREDIT - SOFTWARE AND SERVICES	1	(\$1,139.49)	\$0.00	(\$1,139.49)
Year 5	12029	AXON AIR, EVIDENCE.COM LIC BASIC ACCESS	1	\$180.00	\$0.00	\$180.00
Year 5	73478	REDACTION ASSISTANT USER LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 5	73682	AUTO TAGGING LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 5	73686	EVIDENCE.COM UNLIMITED AXON DEVICE STORAGE	18	\$5,184.00	\$0.00	\$5,184.00
Year 5	80374	EXT WARRANTY, TASER 7 BATTERY PACK	20	\$105.60	\$0.00	\$105.60
Year 5	80387	EXT WARRANTY, TASER 7 SINGLE BAY DOCK	1	\$34.20	\$0.00	\$34.20
Year 5	80395	EXT WARRANTY, TASER 7 HANDLE	17	\$1,342.32	\$0.00	\$1,342.32
Year 5	80401	FLEET 3, ALPR LICENSE, 1 CAMERA	4	\$2,352.00	\$0.00	\$2,352.00
Year 5	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	4	\$430.08	\$0.00	\$430.08
Year 5	AB3C	AB3 Camera Bundle	18	\$0.00	\$0.00	\$0.00
Year 5	AB3MBD	AB3 Multi Bay Dock Bundle	2	\$0.00	\$0.00	\$0.00
Year 5	BasicLicense	Basic License Bundle	15	\$2,761.20	\$0.00	\$2,761.20
Year 5	BWCamMBDTAP10Year	Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	2	\$724.31	\$0.00	\$724.31
Year 5	BWCamTAP10Yr	Body Worn Camera TAP 10 Year Bundle	18	\$6,186.24	\$0.00	\$6,186.24
Year 5	Fleet3B+TAP10Yr	Fleet 3 Basic + TAP 10 Year	4	\$7,151.99	\$0.00	\$7,151.99
Year 5	ProLicense	Pro License Bundle	4	\$1,915.20	\$0.00	\$1,915.20
Year 5	T7Cert10Y	2021 Taser 7 Certification 10 Year Bundle	17	\$12,813.23	\$0.00	\$12,813.23
Total				\$42,505.56	\$0.00	\$42,505.56

Dec 2027						
Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 6	100552	TRANSFER CREDIT - GOODS	1	(\$775.32)	\$0.00	(\$775.32)
Year 6	100553	TRANSFER CREDIT - SOFTWARE AND SERVICES	1	(\$1,139.49)	\$0.00	(\$1,139.49)
Year 6	12029	AXON AIR, EVIDENCE.COM LIC BASIC ACCESS	1	\$180.00	\$0.00	\$180.00
Year 6	73478	REDACTION ASSISTANT USER LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 6	73682	AUTO TAGGING LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 6	73686	EVIDENCE.COM UNLIMITED AXON DEVICE STORAGE	18	\$5,184.00	\$0.00	\$5,184.00
Year 6	80374	EXT WARRANTY, TASER 7 BATTERY PACK	20	\$105.60	\$0.00	\$105.60
Year 6	80387	EXT WARRANTY, TASER 7 SINGLE BAY DOCK	1	\$34.20	\$0.00	\$34.20
Year 6	80395	EXT WARRANTY, TASER 7 HANDLE	17	\$1,342.32	\$0.00	\$1,342.32
Year 6	80401	FLEET 3, ALPR LICENSE, 1 CAMERA	4	\$2,352.00	\$0.00	\$2,352.00
Year 6	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	4	\$430.08	\$0.00	\$430.08
Year 6	AB3C	AB3 Camera Bundle	18	\$0.00	\$0.00	\$0.00
Year 6	AB3MBD	AB3 Multi Bay Dock Bundle	2	\$0.00	\$0.00	\$0.00
Year 6	BasicLicense	Basic License Bundle	15	\$2,761.20	\$0.00	\$2,761.20
Year 6	BWCamMBDTAP10Year	Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	2	\$724.31	\$0.00	\$724.31
Year 6	BWCamTAP10Yr	Body Worn Camera TAP 10 Year Bundle	18	\$6,186.24	\$0.00	\$6,186.24
Year 6	Fleet3B+TAP10Yr	Fleet 3 Basic + TAP 10 Year	4	\$7,151.99	\$0.00	\$7,151.99

Dec 2027

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 6	ProLicense	Pro License Bundle	4	\$1,915.20	\$0.00	\$1,915.20
Year 6	T7Cert10Y	2021 Taser 7 Certification 10 Year Bundle	17	\$12,813.23	\$0.00	\$12,813.23
Total				\$42,505.56	\$0.00	\$42,505.56

Dec 2028

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 7	100552	TRANSFER CREDIT - GOODS	1	(\$775.32)	\$0.00	(\$775.32)
Year 7	100553	TRANSFER CREDIT - SOFTWARE AND SERVICES	1	(\$1,139.49)	\$0.00	(\$1,139.49)
Year 7	12029	AXON AIR, EVIDENCE.COM LIC BASIC ACCESS	1	\$180.00	\$0.00	\$180.00
Year 7	73478	REDACTION ASSISTANT USER LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 7	73682	AUTO TAGGING LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 7	73686	EVIDENCE.COM UNLIMITED AXON DEVICE STORAGE	18	\$5,184.00	\$0.00	\$5,184.00
Year 7	80374	EXT WARRANTY, TASER 7 BATTERY PACK	20	\$105.60	\$0.00	\$105.60
Year 7	80387	EXT WARRANTY, TASER 7 SINGLE BAY DOCK	1	\$34.20	\$0.00	\$34.20
Year 7	80395	EXT WARRANTY, TASER 7 HANDLE	17	\$1,342.32	\$0.00	\$1,342.32
Year 7	80401	FLEET 3, ALPR LICENSE, 1 CAMERA	4	\$2,352.00	\$0.00	\$2,352.00
Year 7	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	4	\$430.08	\$0.00	\$430.08
Year 7	AB3C	AB3 Camera Bundle	18	\$0.00	\$0.00	\$0.00
Year 7	AB3MBD	AB3 Multi Bay Dock Bundle	2	\$0.00	\$0.00	\$0.00
Year 7	BasicLicense	Basic License Bundle	15	\$2,761.20	\$0.00	\$2,761.20
Year 7	BWCamMBDTAP10Year	Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	2	\$724.31	\$0.00	\$724.31
Year 7	BWCamTAP10Yr	Body Worn Camera TAP 10 Year Bundle	18	\$6,186.24	\$0.00	\$6,186.24
Year 7	Fleet3B+TAP10Yr	Fleet 3 Basic + TAP 10 Year	4	\$7,151.99	\$0.00	\$7,151.99
Year 7	ProLicense	Pro License Bundle	4	\$1,915.20	\$0.00	\$1,915.20
Year 7	T7Cert10Y	2021 Taser 7 Certification 10 Year Bundle	17	\$12,813.23	\$0.00	\$12,813.23
Total				\$42,505.56	\$0.00	\$42,505.56

Dec 2029

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 8	100552	TRANSFER CREDIT - GOODS	1	(\$775.31)	\$0.00	(\$775.31)
Year 8	100553	TRANSFER CREDIT - SOFTWARE AND SERVICES	1	(\$1,139.48)	\$0.00	(\$1,139.48)
Year 8	12029	AXON AIR, EVIDENCE.COM LIC BASIC ACCESS	1	\$180.00	\$0.00	\$180.00
Year 8	73478	REDACTION ASSISTANT USER LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 8	73682	AUTO TAGGING LICENSE	15	\$1,620.00	\$0.00	\$1,620.00
Year 8	73686	EVIDENCE.COM UNLIMITED AXON DEVICE STORAGE	18	\$5,184.00	\$0.00	\$5,184.00
Year 8	80374	EXT WARRANTY, TASER 7 BATTERY PACK	20	\$105.60	\$0.00	\$105.60
Year 8	80387	EXT WARRANTY, TASER 7 SINGLE BAY DOCK	1	\$34.20	\$0.00	\$34.20
Year 8	80395	EXT WARRANTY, TASER 7 HANDLE	17	\$1,342.32	\$0.00	\$1,342.32
Year 8	80401	FLEET 3, ALPR LICENSE, 1 CAMERA	4	\$2,352.00	\$0.00	\$2,352.00
Year 8	80495	EXT WARRANTY, FLEET 3, 2 CAMERA KIT	4	\$430.08	\$0.00	\$430.08
Year 8	AB3C	AB3 Camera Bundle	18	\$0.00	\$0.00	\$0.00
Year 8	AB3MBD	AB3 Multi Bay Dock Bundle	2	\$0.00	\$0.00	\$0.00
Year 8	BasicLicense	Basic License Bundle	15	\$2,761.20	\$0.00	\$2,761.20
Year 8	BWCamMBDTAP10Year	Body Worn Camera Multi-Bay Dock TAP 10 Year Bundle	2	\$724.39	\$0.00	\$724.39
Year 8	BWCamTAP10Yr	Body Worn Camera TAP 10 Year Bundle	18	\$6,186.24	\$0.00	\$6,186.24

Dec 2029

Invoice Plan	Item	Description	Qty	Subtotal	Tax	Total
Year 8	Fleet3B+TAP10Yr	Fleet 3 Basic + TAP 10 Year	4	\$7,152.05	\$0.00	\$7,152.05
Year 8	ProLicense	Pro License Bundle	4	\$1,915.20	\$0.00	\$1,915.20
Year 8	T7Cert10Y	2021 Taser 7 Certification 10 Year Bundle	17	\$12,813.31	\$0.00	\$12,813.31
Total				\$42,505.80	\$0.00	\$42,505.80

Tax is estimated based on rates applicable at date of quote and subject to change at time of invoicing. If a tax exemption certificate should be applied, please submit prior to invoicing.

Standard Terms and Conditions

Axon Enterprise Inc. Sales Terms and Conditions

Axon Master Services and Purchasing Agreement:

This Quote is limited to and conditional upon your acceptance of the provisions set forth herein and Axon's Master Services and Purchasing Agreement (posted at www.axon.com/legal/sales-terms-and-conditions), as well as the attached Statement of Work (SOW) for Axon Fleet and/or Axon Interview Room purchase, if applicable. In the event you and Axon have entered into a prior agreement to govern all future purchases, that agreement shall govern to the extent it includes the products and services being purchased and does not conflict with the Axon Customer Experience Improvement Program Appendix as described below.

ACEIP:

The Axon Customer Experience Improvement Program Appendix, which includes the sharing of de-identified segments of Agency Content with Axon to develop new products and improve your product experience (posted at www.axon.com/legal/sales-terms-and-conditions), is incorporated herein by reference. By signing below, you agree to the terms of the Axon Customer Experience Improvement Program.

Acceptance of Terms:

Any purchase order issued in response to this Quote is subject solely to the above referenced terms and conditions. By signing below, you represent that you are lawfully able to enter into contracts. If you are signing on behalf of an entity (including but not limited to the company, municipality, or government agency for whom you work), you represent to Axon that you have legal authority to bind that entity. If you do not have this authority, please do not sign this Quote.

Exceptions to Standard Terms and Conditions

Agency has existing contract #64351 (originated via Q-295755) and is terminating that contract upon the new license start date (1/1/2023) of this quote.

The parties agree that Axon is granting a refund of \$15318.46 to refund paid, but undelivered services. This discount is based on a ship date range of 12/1/2022 - 12/15/2022, resulting in a 1/1/2023 license date. Any change in this date and resulting license start date will result in modification of this discount value which may result in additional fees due to or from Axon.

This credit is contingent upon agency payment of any outstanding invoices including and not limited to Year 3-5 Billing of contract 64351.

Signature

Date Signed

10/6/2022



File Attachments for Item:

E. Water and Sewer October 01, 2023 Billing Rate Review. - Vice Mayor Moore



TOWN OF HIGHLAND BEACH AGENDA MEMORANDUM

MEETING TYPE: Town Commission Meeting

MEETING DATE *October 18, 2022*

SUBMITTED BY: Natasha Moore, Vice Mayor - Commissioner

SUBJECT: Water and Sewer 10/1/2023 Billing Rate Review

SUMMARY:

The purpose of this item is to begin the analysis for the next change in water and sewer rates to be effective 10/1/2023.

RECOMMENDATION:

Review results of the most recent 3 fiscal year water and sewer billing data. Discuss next steps for the analysis.

Summary of Water and Sewer Bills Combined, by Fiscal Year

FY 2022		A	B	FY 2022		C	D	E
Type	Billed Amt	Share of Billed Amt	Percent Chg in Billed Amt from Prior Yr	Type	Usage in 1,000 Gallons	Share of Usage by Type	Billed Amt/Usage	Percent Chg in Usage from Prior Yr
Condo	2,979,230.01	71%	6%	Condo	200,192	57%	14.9	-9%
Single family	1,043,014.92	25%	33%	Single family	127,649	37%	8.2	27%
Church	17,199.83	0%	8%	Church	1,981	1%	8.7	9%
Commercial	122,680.60	3%	87%	Commercial	12,418	4%	9.9	302%
Governmental	51,485.40	1%	74%	Governmental	6,039	2%	8.5	43%
Total	4,213,610.76	100%	14%	Total	348,279	100%	12.1	5%

Impacted by 10/1/2021 Water Rate Change of +11% and Sewer Rate Change of +13%
Forecasted revenue increase was +11.7%

FY 2021		F	G	FY 2021		H	I
Type	Billed Amt	Share of Billed Amt	Percent Chg in Billed Amt from Prior Yr	Type	Usage in 1,000 Gallons	Share of Usage by Type	Billed Amt/Usage
Condo	2,797,953.58	76%	19%	Condo	220,537	67%	12.7
Single family	785,784.85	21%	20%	Single family	100,579	30%	7.8
Church	15,969.59	0%	34%	Church	1,811	1%	8.8
Commercial	65,596.46	2%	-9%	Commercial	3,088	1%	21.2
Governmental	29,572.48	1%	27%	Governmental	4,235	1%	7.0
Total	3,694,876.96	100%	19%	Total	330,249	100%	11.2

Impacted by 4/1/2021 (mid year) Water Rate Change of +10.5% and Sewer Rate Change of +16.5%
Forecasted revenue increase was +6.3%

FY 2020		
Type	Billed Amt	Share of Billed Amt
Condo	2,344,553.94	76%
Single family	652,567.38	21%
Church	11,938.50	0%
Commercial	72,070.58	2%
Governmental	23,322.05	1%
Total	3,104,452.45	100%

Summary of **WATER** Bills, by Fiscal Year

FY 2022

		A	B
Type	Billed Amt	Share of Billed Amt	Percent Chg in Billed Amt from Prior Yr
Condo	1,822,578.49	64%	8%
Single family	885,810.34	31%	35%
Church	17,112.04	1%	11%
Commercial	65,984.32	2%	95%
Governmental	50,242.46	2%	76%
Total	2,841,727.65	100%	17%

Impacted by 10/1/2021 Water Rate Change of +11%

FY 2022

		C	D	E
Type	Usage in 1,000 Gallons	Share of Usage by Type	Billed Amt/Usage	Percent Chg in Usage from Prior Yr
Condo	200,192	57%	9.1	-9%
Single family	127,649	37%	6.9	27%
Church	1,981	1%	8.6	9%
Commercial	12,418	4%	5.3	302%
Governmental	6,039	2%	8.3	43%
Total	348,279	100%	8.2	5%

FY 2021

		F	G
Type	Billed Amt	Share of Billed Amt	Percent Chg in Billed Amt from Prior Yr
Condo	1,684,014.98	70%	23%
Single family	658,459.48	27%	19%
Church	15,425.39	1%	38%
Commercial	33,791.91	1%	-17%
Governmental	28,623.64	1%	27%
Total	2,420,315.40	100%	21%

Impacted by 4/1/2021 (mid year) Water Rate Change of +10.5%

FY 2021

		H	I
Type	Usage in 1,000 Gallons	Share of Usage by Type	Billed Amt/Usage
Condo	220,537	67%	7.6
Single family	100,579	30%	6.5
Church	1,811	1%	8.5
Commercial	3,088	1%	10.9
Governmental	4,235	1%	6.8
Total	330,249	100%	7.3

FY 2020

Type	Billed Amt	Share of Billed Amt
Condo	1,372,312.73	69%
Single family	554,972.34	28%
Church	11,145.96	1%
Commercial	40,897.34	2%
Governmental	22,529.51	1%
Total	2,001,857.88	100%

Summary of **SEWER** Bills, by Fiscal Year

FY 2022		A	B
Type	Billed Amt	Share of Billed Amt	Percent Chg in Billed Amt from Prior Yr
Condo	1,156,651.52	84%	4%
Single family	157,204.58	11%	23%
Church	87.79	0%	-84%
Commercial	56,696.28	4%	78%
Governmental	1,242.94	0%	31%
Total	1,371,883.11	100%	8%

Impacted by 10/1/2021 Sewer Rate Change of +13%

FY 2022		C	D
Type	Usage in 1,000 Gallons	Share of Usage by Type	Billed Amt/Usage
Condo	151,841	57%	7.6
Single family	100,268	38%	1.6
Church	314	0%	0.3
Commercial	12,418	5%	4.6
Governmental	1,749	1%	0.7
Total	266,590	100%	5.1

FY 2021		F	G
Type	Billed Amt	Share of Billed Amt	Percent Chg in Billed Amt from Prior Yr
Condo	1,113,938.60	87%	15%
Single family	127,325.37	10%	30%
Church	544.20	0%	-31%
Commercial	31,804.55	2%	2%
Governmental	948.84	0%	20%
Total	1,274,561.56	100%	16%

Impacted by 4/1/2021 (mid year) Sewer Rate Change of +16.5%

FY 2020		
Type	Billed Amt	Share of Billed Amt
Condo	972,241.21	88%
Single family	97,595.04	9%
Church	792.54	0%
Commercial	31,173.24	3%
Governmental	792.54	0%
Total	1,102,594.57	100%

File Attachments for Item:

F. Discussion of process to fill temporary vacancy of Commissioner Seat Expiring March 2024.



TOWN OF HIGHLAND BEACH

AGENDA MEMORANDUM

MEETING TYPE: Town Commission Meeting

MEETING DATE October 18, 2022

SUBMITTED BY: Marshall Labadie, Town Manager

SUBJECT: Discussion of process to fill temporary vacancy of Commissioner Seat Expiring March 2024.

SUMMARY:

Pursuant to Section 99.012(3)(b) of the Florida Statutes, Commissioner Gossett-Seidman was required to submit an irrevocable letter of resignation to run for the open House Seat for District 91. Such letter was properly submitted prior to the deadlines established. The statute also states that the resignation becomes effective no later than the earlier of the following dates: the date the officer would take office, if elected; or the date the officer's successor is required to take office. Therefore, the Highland Beach Commissioner seat expiring March 2024 will be become vacant on 11/9/22 at 12 am.

As this seat will be vacant until the March 14, 2023, election, the Town Commission should discuss and select a process by which interested candidates are vetted and selected to fill this vacancy period. The remaining 12 months of the existing term will be completed by the candidate elected in March 14, 2023.

Below is a list of important dates that may be helpful to the Town Commission as they consider and select an appropriate and transparent process.

Important Dates:

11/8/22	Election Day
11/9/22 (12am)	District 91 Representative Take Office
11/9/22	Commissioner Seat Expiring March of 24 Open
11/22/22 (12 pm)	HB Candidate Qualification Period Closes
3/14/23	HB Local Election

Commissioner Gossett-Seidman's seat will become vacant on 11/9/22 (until March 14, 2023); thus, it is critical for the Commissioner to commence its discussion of a process to fill the open Commissioner seat. In 2019, the Town Commission solicited applications from interested residents and then conducted public interviews to fill the then vacant Vice -Mayor seat.

FISCAL IMPACT:

N/A

ATTACHMENTS:

None

RECOMMENDATION:

Commission Discussion.

File Attachments for Item:

G. Approval of Meeting Minutes

October 04, 2022 - Commission Meeting Minutes



TOWN OF HIGHLAND BEACH TOWN COMMISSION MEETING MINUTES

Town Hall / Commission Chambers
3614 South Ocean Boulevard
Highland Beach, Florida 33487

Date: October 04, 2022
Time: 1:30 PM

1. CALL TO ORDER

Mayor Hillman called the meeting to order at 1:30 P.M.

2. ROLL CALL

PRESENT

Commissioner John Shoemaker

Commissioner Evalyn David

Commissioner Peggy Gossett-Seidman

Vice Mayor Natasha Moore

Mayor Douglas Hillman

Town Manager Marshall Labadie

Town Attorney Glen Torcivia

Town Clerk Lanelda Gaskins

3. PLEDGE OF ALLEGIANCE

The Town Commission led the Pledge of Allegiance to the United States of America, followed by a moment of silence for the communities on the west coast of Florida affected by Hurricane Ian.

4. APPROVAL OF THE AGENDA

Commissioner Gossett-Seidman added "Discussion on Barrier Island Hurricane Preparation" as Item 11.C. under New Business.

MOTION: David/Moore - Moved to approve the agenda as amended, which passed unanimously 5 to 0.

5. PRESENTATIONS / PROCLAMATIONS

Mayor Hillman advised that the presentation was postponed to a future meeting date.

Rubin, Turnbull & Associates, Inc. Presentation Update by Matthew Sacco

6. PUBLIC COMMENTS

There were no public comments.

7. ANNOUNCEMENTS

Mayor Hillman read the announcements as follows:

Board Vacancies

Board of Adjustment and Appeals - One vacancy for a three-year term

Meetings and Events

October 06, 2022 – 9:30 A.M. Natural Resources Preservation Advisory Board
Special Meeting

October 10, 2022 - Town Hall Closed in Observance of Columbus Day

October 11, 2022 - 1:00 P.M. Code Enforcement Board Regular Meeting

October 13, 2022 - 9:30 A.M. Planning Board Regular Meeting

October 18, 2022 - 1:30 P.M. Town Commission Meeting

Board Action Report

None.

8. ORDINANCES

None.

9. CONSENT AGENDA

None.

10. UNFINISHED BUSINESS

None.

11. NEW BUSINESS

A. Police Department Accreditation Certification by Chief of Police Hartmann

Mayor Hillman read the title of Item 11.A.

Chief of Police Craig Hartmann elaborated on the comprehensive accreditation process. The Police Department received a flawless assessment and is an accredited law enforcement agency.

Chief Hartmann commended and presented Accreditation Manager/Training Officer Eric Aronowitz and IT Consultant Mark Rutledge with certificates of recognition for their involvement in the accreditation process.

Following the presentation, the Town Commission asked Chief Hartmann to provide a summary of the crime or problems in the Town, the safest Town designation, and an update on what is happening on the Intracoastal waterways and the ocean. Chief Hartmann mentioned that the most prominent focus is prevention. Which consists of the ongoing educational campaign, visibility, patrolling the communities, and monitoring State Road A1A using the license plate recognition cameras. He also talked about the marina patrol enforcement along the Intracoastal waterways.

Additionally, the Town Commission asked Chief Hartmann if there were any upcoming improvements. Chief Hartmann spoke about enhancing the technology related to monitoring systems, growing public safety and fire services, communicating with agencies on the southwest coast of Florida about lessons learned from Hurricane Ian, and the hiring process for law enforcement officers.

The Town Commission congratulated Chief Hartmann and his staff for an outstanding job with the accreditation process.

B. Approval of Meeting Minutes

September 06, 2022 - Commission Meeting Minutes

September 06, 2022 - Commission Special First Public Hearing Budget Meeting

September 21, 2022 - Commission Special Second Public Hearing Budget Meeting

MOTION: David/Gossett-Seidman – Moved to accept all three Minutes, which passed unanimously 5 to 0.

C. Discussion on Barrier Island Hurricane Preparation - Commissioner Gossett-Seidman (This item was added to the agenda)

Commissioner Gossett-Seidman commented about the weather forecast for Hurricane Ian, reminding her of the weather forecasts for Hurricanes Andrew and Floyd. She mentioned that the barrier island / coastal communities might need a higher level of hurricane preparation and tips to make the evacuation process easier. Examples of the tips may include having a packed bag of

clothing, essential documents in a zipped lock bag, an extra supply of pet food, parking a vehicle on the second level in a parking garage, having a safe room in an interior bathroom or closet, or on a second floor, and go bag with chargers or zip drive. She suggested Fire Chief Joseph and Chief of Police Hartmann could follow up on the higher level of hurricane preparation and tips for the Town. Commissioner Gossett-Seidman encouraged the Town Commission to rethink the difference between coastal and inland areas. Mayor Hillman mentioned that the hurricane preparation information could be distributed to the community each year at the beginning of hurricane season.

The Town Commission talked about dunes and seawall erosion related to the impact hurricanes have on the beach and Intracoastal areas. The Natural Resources Preservation Advisory Board is considering dune management at their October 6, 2022, special meeting. Mayor Hillman advised the Town Commission to support the Board with more help, support them financially, and put more weight on educating and helping the property owners to protect their dunes. He also suggested that the Town Commission needs to address the seawall height issue when a seawall is not being repaired or replaced. Mayor Hillman advised the Town staff to prepare agenda items related 1) the dunes, seawalls, and mangroves and 2) seawall heights for further discussion at a future Town Commission meeting.

Furthermore, there were conversations about inviting the Florida Department of Environmental Protection (FDEP) to a future Town Commission meeting to discuss mangroves.

Commissioner John Shoemaker asked where the fire rescue and police vehicles would be located and if there is an identified location for those vehicles in the event of a major hurricane. Fire Chief Joseph advised that the vehicles would be evacuated from the Town. He and Chief of Police Hartmann are rewriting the comprehensive emergency management operations plan, including staging the vehicles above the ground level.

Commissioner Shoemaker asked about the costs of multiple failed inspections during the building recertification/restoration permit process. Building Official Remas explained the reinspection process and the progressive re-inspection fee for each time the inspector goes out.

Commissioner Shoemaker talked about the state changing the rules related to individual condominium owners or condominium associations' responsibility for replacing the windows and sliders. The Town Commission commented and discussed the complexity of the issue. Commissioner Shoemaker then spoke about the reserve issues concerning condominiums.

Commissioner Shoemaker commented about the bridge on Sanibel Island due to Hurricane Ian. He encouraged the Town to embrace the Florida Department of Transportation RRR project to strengthen A1A and the dunes.

He asked Building Official Remas to note those buildings that are doing nothing with glass or hurricane shutters during their restoration project.

Lastly, he commented about Palm Beach County Mayor Weinroth and Commissioners providing aid to the Southwest Florida area.

Commissioner David asked if there were something the Town could sponsor to help bring supplies to the west coast of Florida. Commissioner Gossett-Seidman mentioned the Red Cross, Governor Ron DeSantis, and other organizations are asking for cash or credit card donations.

Commissioner Gossett-Seidman spoke about past rehab projects to the Spanish River Boulevard and the Linton Boulevard bridges, and that they were built to withstand a category five hurricane. She also spoke to the structure and strength of A1A roadway in the Town. She spoke with Florida Chief Financial Officer Jimmy Patronis, about the legislative drafts of the insurance proposals, property tax proposals, and business rental proposals.

Vice Mayor Moore agreed with the high-level hurricane preparation and tips. She favors helping the property owners with the dunes and mangroves. She suggested bringing in other professionals or models from another municipality.

Mayor Hillman indicated he liked the idea of each Commissioner presenting a resolution at a meeting similar to the Board of County Commissioners of Palm Beach County. He also likes the encased frames.

12. TOWN COMMISSION COMMENTS

Commissioner John Shoemaker scheduled the Lightening Protection presentation with Town Clerk Gaskins for the October 18, 2022 Town Commission agenda. He also commented on Venn diagrams involving the Police and Fire, Building Department, Water and Sewer, and Town Management, with Town Commission in the center of the diagram. He stated, "as a whole team, we are using financial prudence to establish an effective town team and stable government and then make the necessary improvements to ensure the citizens' safety."

Commissioner Evalyn David had no comments.

Commissioner Peggy Gossett-Seidman mentioned it would be helpful for those individuals who plan to evacuate before a hurricane to leave a written plan in a zip lock bag at home.

Vice Mayor Natasha Moore suggested adding an agenda item related to "Lessons Learned from the west coast of Florida related to Hurricane Ian" and adding them to the Manager's Minutes. She provided an update on finalizing the reading of the water meters and will have 12 months of billing information. She plans to prepare and

present an agenda item at the October 18,2022 Town Commission meeting concerning the water and sewer rate billing information. Lastly, she mentioned that the Manager's Minutes were highly informative, including the article on Building Official Jeff Remas.

Mayor Douglas Hillman mentioned that the Manager's Minutes were very well done. He noted that the Town Commission should consider the zoning matters and the different segments related to density, the type of residential properties, and possible districts. He suggested that the Town Commission think about how the Town should look long term, and what approach should be taken to address the zoning matters. Such as sending it to the Planning Board and having them form subcommittees with residents to work in groups.

Town Manager Labadie explained that Town Planner Allen has background research information from adjacent communities. Mayor Hillman suggested that the Town Planner model what other communities have done, pull out some specific information, and prepare an agenda item for the October 18,2022. Town Commission meeting to discuss a plan to approach the zoning matter.

Vice Mayor Moore advised the Town Commission to review the Strategic Priorities Plan for tasks that have a higher priority and need to be addressed.

Commissioner Gossett-Seidman suggested that a report be available regarding the Town's infrastructure related to new residents, traffic patterns, and buildings.

13. TOWN ATTORNEY'S REPORT

None.

14. TOWN MANAGER'S REPORT

Town Manager provided a report as follows:

Strategic Priorities Plan:

Assistant Town Manager Cuebas will update and add the new projects to the plan and list the accomplishments on the plan. Town Manager Labadie will share the updated Strategic Priorities Plan with the Town Commission in advance and will prepare an agenda item for a future Town Commission meeting.

Fire Rescue Department Project:

Meetings were held with Kaufman Lynn and PGAL concerning the building design. PGAL will present an agenda item regarding the conceptual design (the elevations, schematics, and layouts) at the October 18,2022 Town Commission meeting.

The Town will soon take delivery of the fire rescue ambulance/transport vehicle, and the final details are in progress. Fire Chief Joseph is working toward getting the fire

rescue logo and numbers on the unit. The Town is also working to obtain a second ladder apparatus and has informed the City of Delray Beach that the Town would be taking back its equipment.

On September 13, 2022, the Palm Beach County Board of Commission approved the Town's Certificate of Public Convenience and Necessity (COCNP) license. Effective May of 2024, the Town will be able to operate by providing advanced life support (ALS) and basic life support (BLS) transports. Chief Joseph is also working to obtain state approval regarding the fire side. Chief Joseph explained the state approval process and the insurance service organization (ISO) rating requirements.

Mayor Hillman asked the Town staff to contact the Chairperson of the Natural Resources Preservation Board and ask her to provide an update on the dune management at the October 18, 2022, Town Commission meeting.

Mayor Hillman also asked Building Official Remas for an update on the Town of Gulf Stream building services program. Building Official Remas explained that the program has been working exceptionally well.

15. ADJOURNMENT

The meeting adjourned at 3:07 P.M.

APPROVED at the October 18, 2022, Town Commission Meeting.

ATTEST:

Douglas Hillman, Mayor

Transcribed by
Lanelda Gaskins and Jaclyn DeHart

Lanelda Gaskins, MMC
Town Clerk

October 18, 2022

Date

Disclaimer: Effective May 19, 2020, per Resolution No. 20-008, all meeting minutes are transcribed as a brief summary reflecting the event of this meeting. Verbatim audio/video recordings are permanent records and are available on the Town's Media Archives & Minutes webpage: <https://highlandbeach-fl.municodemeetings.com/>.