



**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

155 Corey Avenue
St. Pete Beach, FL 33706

Tuesday, May 14, 2024
6:00 PM

Call to Order
Pledge of Allegiance
Roll Call

REGULAR MEETING

1. **Presentations - Employee of the Second Quarter**

a. Employee of the Second Quarter The Mayor and City Commission will recognize the following employees for their recent nomination by their peers as Employee of the Second Quarter:

- Brandon Berry, Community Development
- Kevin Hennessey, Fire
- Cody Keers, Fire
- Anthony Laws, Fire
- Adam Poirrier, Fire
- Alexa Sawyer, Library
- Chris Tarkenton, Finance
- Eileen Torres, Community Development

Brandon Berry was chosen by the Employee Recognition Committee as Employee of the Second Quarter.

2. **Approval of the Agenda -**

Action Request: Motion to approve the May 14, 2024 City Commission Agenda.

3. **Audience Comments -**

Public participation is encouraged. If you wish to address the City Commission, please fill out a speaker's card and provide it to the City Clerk. Once you are called, please come to the

podium and state your name and address for the record. Comments shall be limited to 3 minutes and shall be limited to non- public hearing items on the agenda. Public comment on agenda items will be allowed when that item is called. If you plan to make a presentation as part of your public comment, the presentation must be provided to the City Clerk 24- hours in advance of the meeting.

4. Consent -

a. Approval of Minutes: City Commission Meeting 4/09/24; Special City Commission Meetings 4/11/24 and 4/15/24, Regular and Executive Session 4/24/24

b. Debris Collection

c. Debris Monitoring

d. 2605 Sunset Way Sanitary Repair

e. Fiber Circuit Upgrade – City Hall

5. Ordinances -

a. First Reading Ordinance 2024-01: Technical Review Committee Attendance

AN ORDINANCE OF THE CITY OF ST. PETE BEACH, FLORIDA AMENDING THE CODE OF ORDINANCES, CHAPTER 22 – BOARDS, COMMITTEES, COMMISSIONS, ARTICLE VI – TECHNICAL REVIEW COMMITTEE (TRC), SECTION 22-146 – MEMBERSHIP; PROVIDING FOR CODIFICATION; CONFLICTS; SEVERABILITY; CORRECTION OF SCRIVENER'S ERROR; CONSTRUCTION; PUBLICATION; AND AN EFFECTIVE DATE.

Action Request: Motion to approve the first reading of Ordinance 2024-01.

6. Items for Discussion -

a. Freebee Vehicles

b. Gulf Winds Drive Project

c. Board Members/Public Decorum

7. City Clerk, City Manager, City Attorney and City Commission Reports -

8. Adjournment -

APPEAL: In accordance with 286.0105, Florida Statute (Notices of meetings and hearings must advise that a record is required to appeal), if a person decides to appeal any decision made by this committee, board, agency, or commission with respect to any matter considered at this meeting or hearing, he or she will need a record of the proceedings, and that, for such purpose, he or she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

AMERICANS WITH DISABILITIES ACT (ADA): In accordance with the Americans with Disabilities Act and Florida Statutes, if any person with a disability defined by the ADA needs special accommodation to participate in this proceeding, then not later than two business days prior to the proceeding, he or she should contact City Hall at (727) 367-2735.

PUBLIC COMMENT INSTRUCTIONS FOR THOSE NOT PHYSICALLY PRESENT:

The City has made accommodations for those who cannot be physically present or do not feel comfortable appearing in person. If a member of the public would like to provide comments for the meetings, they may do so in the following ways:

- Email the City Clerk by 12:00 p.m. on the day of the meeting at cityclerk@stpetebeach.org

- Leave a voicemail message by calling **727.363.9225** by 12:00 p.m. the day of the meeting
- Upload or submit a video or audio file online by 12:00 p.m. the day of the meeting at <https://www.stpetebeach.org/PublicComment>

In your three (3) minute or less comment, please be sure to include your name and address for the record.

The public is cordially invited to attend this meeting.

All agenda material is available for review at City Hall or www.stpetebeach.org.

EMPLOYEE OF THE QUARTER NOMINATION FORM

The event that the nomination is for must have occurred within the past twelve (12) months of the quarter that the employee is being nominated for

Nomination	2nd Quarter: January 1 - March 31
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Nominee:	Brandon Berry
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Nominee's Department:	Community Development
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Describe reason for nomination:	Brandon is an invaluable asset to our team, consistently demonstrating exceptional commitment and dedication. He consistently goes above and beyond, investing significant time and effort outside of regular working hours, including weekends and holidays, to ensure the timely completion of his work and reports to the highest standards. Brandon's exceptional responsiveness and efficiency in providing information and support to all stakeholders involved in his major projects, such as the Sirata and Tradewinds redevelopment, is commendable. Additionally, his unwavering commitment is evident through his active participation in late-night City Commission meetings, including the December 5th meeting that concluded in the early hours of the following day, followed by the February 21st meeting that was equally as extensive. Brandon's presence at these meetings ensures immediate availability to address any questions from the Commission regarding his work, enabling prompt and accurate responses. His extensive knowledge in the planning department is unparalleled. Brandon's remarkable work ethic and unwavering dedication undoubtedly warrant recognition and appreciation.
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Name of Nominator:	Rita Bishop
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Department:	City Manager
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Initials:	RB
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Date: 02162024

EMPLOYEE OF THE QUARTER NOMINATION FORM

The event that the nomination is for must have occurred within the past twelve (12) months of the quarter that the employee is being nominated for

Nomination	2nd Quarter: January 1 - March 31
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Nominee:	Brandon Berry
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Nominee's Department:	Planning & Zoning / Community Development
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Describe reason for nomination:	Brandon works tirelessly to do all the things he has on his plate right now and is always willing to help our division. He always goes above and beyond to help understand the code of ordinances as well as helps us find codes that we are not familiar with. He is such an integral part of what happens in the city. Almost everything goes through Planning & Zoning, and we are very lucky to have such a great worker that exemplifies the work ethic and drive we all strive to have for the city.
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Name of Nominator:	Luis Cruz
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Department:	Code Enforcement / Community Development
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Initials:	LC
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Date:	2/16/2024
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DRAFT
City Commission Meeting
April 9, 2024 - 6:00 p.m.
City Hall Commission Chambers

ELECTED OFFICIALS PRESENT:

Adrian Petrilu, Mayor
Karen Marriott, Commissioner, District 1
Nick Filtz, Commissioner, District 2
Betty Rzewnicki, Commissioner, District 3
Rich Lorenzen, Vice Mayor, Commissioner, District 4

STAFF PRESENT:

Wayne Saunders, Interim City Manager
Matthew McConnell, Assistant City Attorney
Ginny Bodkin, Deputy City Clerk
Jennifer McMahon, Chief Operating Officer

Mayor Petrilu called the meeting to order at 6:00 p.m., followed by the Pledge of Allegiance.

1. APPROVAL OF THE AGENDA

Assistant City Attorney McConnell asked to add a discussion item for direction on the Beach Ordinance as 6.b.

Motion: Commissioner Rzewnicki moved, Commissioner Marriott seconded, and the motion carried 5-0 to approve the April 9, 2024 City Commission Agenda as amended.

2. AUDIENCE COMMENTS

Mark Grill of 2nd Palm Point commented on potential selections for City Manager and the process, the release of previous City Manager investigation report, City Manager salary, and conditions on Gulf Winds Drive.

Interim City Manager Saunders and Mayor Petrilu summarized the scheduled events surrounding the City Manager selection process over the coming days. Mr. McConnell reported that the investigation report was released to the Clerk's office after 5:00 p.m. today.

John Kurzman of Bahia Honda Way S. commented on an upcoming conditional use hearing, the legal process, and opined on the need for independent counsel for quasi-judicial hearings.

Dana Richardson of 5830 Bahama Way S. requested to meet with each Commissioner regarding how decisions are made that do not follow city codes. She also commented on the City Manager search process.

Mayor Petrilu provided details of the search process.

Deb Schechner of Boca Ciega Isle Dr. commented on construction at the 46th Avenue water tower, the Tradewinds and Sirata setting precedents, units per acre in the Hotel District, and overall population.

3. CONSENT

- a. City Commission Meeting Minutes: March 26, 2024 Workshop and Regular Meeting

- b. Planning Service Agreement with PlanActive Studio
- c. First Amendment to Interlocal Resource Sharing Agreement

Motion: Commissioner Rzewnicki moved, Vice Mayor Lorenzen seconded, and the motion carried 5-0 to approve the April 9, 2024 City Commission Consent Agenda.

4. ACTION ITEMS

a. 2024 Fireworks Display

Chief Operating Officer Jennifer McMahon reported that Alpha Fireworks was the only respondent to the Request for Bids for the fireworks display; this was budgeted for \$35,000. If a day other than July 4th is chosen, there would be a 10% discount (\$31,500). The location is under discussion for safety considerations. The Commissioners discussed; consensus was to have the fireworks on the 4th of July.

Motion: Vice Mayor Lorenzen moved, and Commissioner Marriott seconded to authorize the City Manager to enter into an agreement with Alpha Fireworks in the amount of \$35,000.00; the motion carried 5-0.

b. Purchase Agreement with Alliance Air Solutions

Ms. McMahon reported the need to rent equipment for the Raymond Room and the gym due to the lack of air conditioning in the community center; the original air handlers from when the building was constructed in 2007 are still in place. Three bids were received. This was a budgeted item, and the selected bid is slightly lower than budgeted.

Motion: Commissioner Marriott moved, and Commissioner Rzewnicki seconded move to waive requirements of Sec. 2-286 and authorize the City Manager to enter into a purchase agreement with Alliance Air Solutions in the amount of \$332,890.00; the motion carried 5-0.

5. RESOLUTIONS

a. Resolution 2024-01 Declaration of Surplus Vehicles and Equipment

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, AUTHORIZING THE DISPOSAL OF SURPLUS CITY-OWNED ASSETS; PROVIDING FOR SCRIVENER'S ERROR AND AN EFFECTIVE DATE.

Mr. Saunders reported that this is a regular process for the City for vehicles that have outlived their useful lifespan; the vehicles listed in the meeting packet would go to a government auction for disposal, if so approved by the Commission.

Motion: Vice Mayor Lorenzen moved, and Commissioner Marriott seconded to approve Resolution 2024-01; the motion carried 5-0.

6. ITEMS FOR DISCUSSION

a. Update on Beach Renourishment

Public Works Director Mike Clarke showed an aerial visual of the beach and explained the "beneficial dredge material project". There are approximately 15,000 cubic yards of sand that is of similar in size and quality to what

is on Pass-A-Grille Beach in the Grand Canal. It will be pulled from the Canal to be piped and spread onto the beach just south of the Paradise Grill. The graphic is part of the meeting record. The project will begin at the end of this month or early next month; permits are being finalized. The projects should take about two months to complete. He answered questions.

Mr. Clarke also explained the larger picture of Long Key (St. Pete Beach and Treasure Island combined) and the easements being sought by the Army Corps of Engineers for public beach access. Discussions are ongoing between the County and the Corps. Mr. McConnell commented that there is an overall project for all beach cities. St. Pete Beach is still in conversations with Silver Sands. A timeline is not predictable.

John Kurzman of Bahia Honda Way S. gave public comment speaking as a private resident with concern for the Beach Stewardship Committee; he opined that the Committee should receive emails and communications regarding the beach so that the Commission could turn to/leverage the Committee for assistance and recommendations.

b. (added) Direction on Beach Ordinance

Mr. McConnell explained to the Commission that there had been seven workshops and meetings with regard to updating the Beach Ordinance up until July of 2023. There had been a first read of the ordinance and before other priorities intervened. He requested direction from the Commission on how to get the momentum back on track. Mayor Petrila suggested that the Clerk's Office email links to the videos of those meetings to the Commission and Beach Stewardship Committee so that newer members could get up to date. At that point, a meeting could be scheduled for a slower month – i.e. June, July or August to discuss.

7. CITY CLERK, CITY MANAGER, CITY ATTORNEY AND CITY COMMISSION REPORTS

Deputy City Clerk - announced the qualification period for the August 20, 2024 Special Election for Districts 2 and 4. Qualification will be from noon on Monday, May 6th to noon on Monday, May 13th. Qualification books will be available beginning April 22nd for \$10. This term will run from August of 2024 to March 11th of 2025, when the regular election is held. Details are on the City's website.

City Manager – advised the Commissioners that the individual City Manager interview should begin at 11:30 a.m. vs. 12:00 noon tomorrow.

Assistant City Attorney – reported that the City Attorney had emailed a list of current litigation to the Commission yesterday; he provided a brief status active litigation. Mayor Petrila requested that the Commission be notified when lawsuits are served.

Mr. McConnell requested an Executive Session according to FS 286.011(8) to receive advice on pending litigation Protect St. Pete Beach vs. St. Pete Beach, Pinellas County Case 24-000041-CI, regarding settlement negotiations. The session shall be recorded by a certified Court Reporter. Mr. McConnell read the requirements of the statute. The Commissioners had no objections to holding the session on April 23, 2024 at 5:00 PM. He read provided the list of expected attendees. A transcript will be available upon conclusion of the litigation.

Vice Mayor Lorenzen – was looking forward to the boat ramp town hall.

Commissioner Rzewnicki – spoke about when she is available to meet with the public.

Commissioner Filtz – attended the Three Palms Points block party on Saturday; the Garage Sale is this coming Saturday.

Commissioner Marriott – Encouraged residents to attend the Meet & Greet for the City Manager Candidates scheduled for Wednesday.

Mayor Petrila – provided the upcoming meetings as a reminder.

9. ADJOURNMENT

Mayor Petrila adjourned the meeting at 7:10 p.m.

MINUTES APPROVED: 5/14/23

AMBER LAROWE
CITY CLERK

ADRIAN PETRILA
MAYOR

DRAFT
City Commission Special Meeting
April 11, 2024 - 4:00 p.m.
City Hall Commission Chambers

ELECTED OFFICIALS PRESENT:

Adrian Petrilu, Mayor
Karen Marriott, Commissioner, District 1
Nick Filtz, Commissioner, District 2
Betty Rzewnicki, Commissioner, District 3
Rich Lorenzen, Vice Mayor, Commissioner, District 4

STAFF PRESENT:

Matthew McConnell, Assistant City Attorney
Ginny Bodkin, Deputy City Clerk

Mayor Petrilu called the meeting to order at 4:00 p.m., followed by the Pledge of Allegiance.

CHANGES TO AGENDA

There were no changes to the agenda.

Motion: **Commissioner Rzewnicki moved, Vice Mayor Lorenzen seconded to approve the agenda as presented; the motion carried 5-0.**

Renee Narloch of S. Renee Narloch & Associates executive recruiting firm commented that one on one interviews with the five finalist City Manager candidates took place yesterday with the Commissioners; today would be for public interviews. Ms. Narloch asked if the Mayor and Commissioners would want to provide their ranking sheets from yesterday's interviews for her to tabulate and they did so. There could be a ranking and rating later in the meeting.

1. AUDIENCE COMMENTS

Ken Hysell of Vina del Mar Blvd. complimented the Commission for doing their job. He showed a photo of a recent code violation near his property. He thanked staff members Jennifer McMahon, Peyt Dewar, Brandon Berry, and Kristin Coman for taking charge and addressing the matter so quickly.

2. PUBLIC INTERVIEWS OF FIVE CITY MANAGER FINALISTS

Ms. Narloch summarized the events of the last few days (one on one interviews, public meet & greet, city touring) and outlined the procedure for interviewing the five candidates for the City Manager position. A debriefing of the candidates and Commission would follow after the interviews. Ms. Narloch explained that she had provided the Commission suggested questions, which are part of the meeting record, but they could feel free to ask what they would like.

- **Glen T. Adams**

Mr. Adams, of Pell City, Alabama and currently employed as an Executive Manager with The Berkley Group, LLC, introduced himself and answered questions posed by the City Commission.

- **Kevin A. Cowper**

Mr. Cowper, currently employed as the City Manager with Dothan, Alabama, introduced himself and answered questions posed by the City Commission.

- **James Harriott, Jr.**

Mr. Harriott, of Newberry Florida, currently employed as the Director of Engineering with Causseaux, Hewitt, & Walpole, Inc., introduced himself and answered questions posed by the City Commission.

Mayor Petrila called for a brief recess at 5:31 p.m., and reconvened the meeting at 5:40 p.m.

- **Micah Maxwell**

Mr. Maxwell, former Chief Innovation Officer and Assistant City Manager of Clearwater, Florida, introduced himself and answered questions posed by the City Commission.

- **Frances Robustelli**

Ms. Robustelli, currently employed as the City Manager with San Leandro, California, introduced herself and answered questions posed by the City Commission.

Following the interviews Mayor Petrila called for a recess at 6:15 p.m. to allow the Commissioners to rank these interviews and for Ms. Narloch to tally them. Mayor Petrila reconvened the meeting at 6:30 p.m.

Ms. Narloch reviewed the tally of the ranking sheets. The lower the number, the better. From the one on ones interviews yesterday:

- Fran Robustelli – 8 points
- Kevin Cowper – 11 points
- Micah Maxwell – 16 points
- Jim Harriott – 18 points
- Glen Adams – 22 points

For today's interviews:

- Fran Robustelli – 7 points
- Kevin Cowper – 10 points
- Jim Harriott – 18 points
- Glen Adams – 18 points
- Micah Maxwell – 19 points

Ms. Narloch explained to the Commission that any decision made is contingent on finalized background (driver's licenses, education, criminal or civil offenses, reference checks. Etc.). Candidate start dates were discussed.

The Commission deliberated.

3. ACTION ITEMS

a. Selection of City Manager Finalist

Ms. Narloch advised the Commission on typical benefits and other considerations in offers and contracts. Salaries were discussed.

Motion: Vice Mayor Lorenzen moved, Commissioner Marriott seconded, to select Frances Robustelli as the finalist to begin negotiations for the City Manager position, contingent upon background checks, or City onboarding criteria that need to be cleared; the motion carried 3-2. Commissioners Rzewnicki and Filtz voted no.

Commissioners Filtz and Rzewnicki indicated their support of Ms. Robustelli.

b. Authorization to Enter into Negotiations with the Selected City Manager Finalist

Ms. Narloch explained that a contract would be drawn up by the City Attorney and brought back for City Commission approval. Discussion ensued on the transition of current Interim City Manager Wayne Saunders; he could remain as a temporary consultant if he was in agreement.

Motion: Vice Mayor Lorenzen moved, Commissioner Marriott seconded, to authorize Mayor Petrila, S. Renee Narloch, and the current Interim City Manager to negotiate with the selected City Manager finalist and if needed, Kevin Cowper as a second finalist, for City Commission consideration; the motion carried 5-0.

4. ADJOURNMENT

Mayor Petrila adjourned the meeting at 7:49 p.m.

MINUTES APPROVED: 5/14/2024

AMBER LAROWE
CITY CLERK

ADRIAN PETRILA
MAYOR

DRAFT
Special City Commission Meeting
April 15, 2024 - 4:00 p.m.
City Hall Commission Chambers

ELECTED OFFICIALS PRESENT:

Adrian Pettila, Mayor
Karen Marriott, Commissioner, District 1
Nick Filtz, Commissioner, District 2
Betty Rzewnicki, Commissioner, District 3
Rich Lorenzen, Vice Mayor, Commissioner, District 4

STAFF PRESENT:

Wayne Saunders, Interim City Manager
Matthew McConnell, Assistant City Attorney
Ginny Bodkin, Deputy City Clerk
Jim Kilpatrick, Fire Chief
Mike Clarke, Public Works Director (via Zoom)

Mayor Pettila called the meeting to order at 4:00 p.m., followed by the Pledge of Allegiance.

Mayor Pettila advised the audience to be mindful of decorum, to remain quiet and orderly; offenders would be removed by the sheriff with no further notice.

1. APPROVAL OF THE AGENDA

Motion: **Commissioner Marriott moved, Commissioner Filtz seconded, and the motion carried 5-0 to approve the April 15, 2024 City Commission Agenda.**

2. AUDIENCE COMMENTS

Tom Rask of Unincorporated Pinellas County commented on St. Pete Beach government.

Mark Grill of 2nd Palm Point commented on the hiring process for the new City Manager.

3. RESOLUTIONS

a. Quasi-Judicial Hearing on Resolution 2023-27 (Conditional Use Permit #23033): Tradewinds Resort (5600, 5700, 5750, 5800, 5900, 6000 Gulf Blvd)

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, APPROVING A CONDITIONAL USE PERMIT, PURSUANT TO SECTIONS 35.3.(b)(1) AND 35.4.(b) OF THE LAND DEVELOPMENT CODE, TO ALLOW THE CONSTRUCTION OF A FOUR-PHASE TEMPORARY LODGING REDEVELOPMENT THAT WILL INCLUDE 1,596 TOTAL TEMPORARY LODGING UNITS, OR 63.18 UNITS PER BUILDABLE ACRE, OF WHICH 629 UNITS ARE ADDITIONAL ABOVE EXISTING, 59,895 SQ. FT. OF MEETING SPACE OF WHICH 14,303 SQ. FT. IS ADDITIONAL ABOVE EXISTING, 79,126 SQ. FT. OF RETAIL AND RESTAURANT SPACE OF WHICH 42,964 SQ. FT. IS ADDITIONAL ABOVE EXISTING, 31,105 SQ. FT. OF OFFICE SPACE OF WHICH 10,486 SQ. FT. IS ADDITIONAL ABOVE EXISTING, AND DEVELOP NEW LODGING, ACCESSORY AND AMENITY STRUCTURES CONTAINING THE AFOREMENTIONED UNITS, ACCESSORY SPACES AND

AMENITIES, AS WELL AS OUTDOOR AMENITIES AND PARKING GARAGES, THAT WILL EXTEND UP TO 116 FEET IN HEIGHT ABOVE BASE FLOOD ELEVATION (BFE) TO THE ROOFLINE AND 128 FEET IN HEIGHT ABOVE BFE WHEN INCLUDING ROOFTOP AMENITIES OR DECORATIVE FEATURES, AND PERMIT TWO ROOFTOP DINING AND DRINKING AMENITIES THAT INCLUDES THE PLAYING OF OUTDOOR MUSIC, TO PARCELS #06-32-16-00000-230-0300, 06-32-16-00000-230-0200, 01-32-15-00000-110-0600, 01-32-15-00000-110-0610, 01-32-15-18142-000-0000, 01-32-15-18142-000-0001, 01-32-15-00000-110-0500, AND 01-32-15-00000-110-0400 WITH ADDRESSES OF 5600, 5700, 5750, 5800, 5900, AND 6000 GULF BOULEVARD; INCORPORATING THE CONDITIONS OUTLINED HEREIN; AND PROVIDING FOR CORRECTION OF SCRIVENER'S ERROR AND AN EFFECTIVE DATE.

Assistant City Attorney Matthew McConnell reviewed the quasi-judicial process with the Commission, reminding them of requirements for this type of meeting. He cited letters received last night from Attorneys Jane Graham for Protect St. Pete Beach and Richard Dewitt for Seamark requesting intervenor-affected party status. Mr. McConnell indicated that as City Attorney Dickman had already opined, the Code and Statutes are silent on this; case law must be used to interpret. Without criteria in the Code, legal counsel advised against deeming anyone a party intervenor in this proceeding. Regarding Ms. Graham's reference to violations of Code Section 3.16, Ms. Reich is not an employee of the city, not a code enforcement officer, and has no legal authority to issue or determine a notice of violation. Code Enforcement Manager Peyt Dewar confirmed that no notice of violation had been issued for sea turtle lighting. Therefore, there are no procedural issues with moving forward. He entered FS §286.0115 into record (quasi-judicial proceedings on local government land use matters).

The Mayor and Commissioners disclosed their ex parte communications:

- Commissioner Marriott – received and read emails both for and against the project, spoke to residents, met with the applicant twice – regarding the project overall and their economic impact report.
- Commissioner Filtz – walked the property, spoke with city staff, spoke to, met with, and read emails from residents and Planning Board members, watched the Planning Board meeting, met with the applicant's counsel and Joe Smith of 1754 Properties.
- Commissioner Rzewnicki – attended the initial Tradewinds Community meeting, received and read emails for and against the project, spoke with residents, read comments on social media, spoke with resident owner Thomas Hughes, met with city staff, walked property, met at least two times with the development team and legal team, and watched the Planning Board meeting.
- Commissioner Lorenzen – met with Tradewinds counsel and owner, walked the property, spoke with residents, read emails and social media posts for and against, spoke with city staff.
- Mayor Pettila – attended the applicant's community meeting, watched the Planning Board meeting, reviewed Comp Plan and LDC, spoke with city staff and FDOT staff, reviewed resident and interested party emails, met member of the public individually and in meetings, met with one advocacy group, met with the applicant and their representatives, and received emails from the applicant's attorney, their lobbyist and staff.

Attorney McConnell asked the Commission if they wanted to address those who requested more than three minutes to speak; the Commission granted Attorney Jane Graham 15 minutes and JoLynn Lawson six minutes to speak.

All those who would be addressing the Commission were sworn in.

Senior Planner Brandon Berry reviewed the City's presentation, which is part of the meeting record. The presentation included a description of the applicant's two-part request as amended, a timeline, list of exhibits, definition of Conditional Use Permit (CUP), aerial map, site plans of the 4 phases, renderings and staff

recommendation. Staff found the request to be consistent with the Comprehensive Plan and the CUP criteria, and recommended approval with conditions.

Mr. Berry went on to review the criteria that had been addressed through Planning Board testimony and later submittals. If approved, the redevelopment contemplated under CUP #23033 is expected to take up to twenty years to complete. The applicant is considering redeveloping the site across four distinct phases, each of which triggers different requirements for public and private improvements.

Mr. Berry reviewed the staff recommended conditions, including those revised after the Planning Board meeting, for rooftop dining/music requirements, administrative/project review requirements, operation and design requirements, landscaping, site improvement, green building requirements, and general conditions – a total of 39 conditions, listed in the presentation.

Mr. Berry then reviewed a definition of Development Agreements. Mr. McConnell explained that these are companion items and will be heard together but require two separate motions. Mr. Berry reviewed Development Commitments and Approval Contingency and the staff recommended motion. City experts were available for questions.

Mr. Berry began a review of the Development Agreement presentation: Background, Proposed Commitments by the Developer (sidewalk and beachwalk questions were addressed), Proposed Commitments by the City, Concurrency (potable water, reclaimed water, sanitary sewer, stormwater, law enforcement/fire/EMS, solid waste/recycling, recreation/open space), and Transportation (sufficient for Phase I only tonight), and staff recommended motion (to approve the subject Development Agreement).

Mr. Berry and Mr. McConnell answered Commission questions, including criteria in the Comp Plan that triggers additional beach access points (added floor area specifics), pauses between phases, beach access becoming available within 30 days of the Certificate of Occupancy for each phase, the Coral Reef's status as a party, annual performance checks on the Development Agreement, the "diamond" ratings of the hotels and restaurants, and the effects that would result in from changes of ownership, lot splits, hotel/condo conversion (per Attorney McConnell, when the City has a recorded CUP document, notification is given to them).

Discussion followed on the prospect of entering into a 20-year development plan while the Comprehensive Plan is about to go under review. Mr. Berry indicated that there is a process outlined in Statute in which current standards can be brought into a Development Agreement but would require public hearing. Mr. Berry explained the history of the combination of lots at the subject properties, as well as start dates from time of Certificates of Occupancy for the project. The applicant's financial capacity was discussed, as well as the proposed median improvements (the applicant works with FDOT), total heights allowed (128 feet above BFE) where there are rooftop amenities, and alteration to dunes (would be addressed by FDEP).

Fire Chief Jim Kilpatrick appeared and testified that the Fire Marshall has been involved in site plan review; fire access is code compliant in the renderings. Alternative plans have been requested for the Southwest corner near the restaurant for a turnaround.

Mayor Petrila called a recess at 5:54 PM and reconvened the meeting at 6:05 PM.

Public Works Director Mike Clarke provided testimony to the Commission regarding force mains.

Applicant Attorney Elise Batsel of Stearns, Weaver Miller appeared and began the applicant's presentation, which is part of the meeting record. She reviewed the elements of the Developer's Agreement (public access, beach

access, sidewalk, beachwalk, internal roadway, stormwater, mobility services, dune restoration, turtle compliance); she showed the Unified Site Plan Covenant, Exhibit C to Development Agreement, that shows the property shall be considered a single zoning lot for the purposes of development; this would be a recorded document that runs with the land. Ms. Batsel addressed ownership of the Coral Reef (fee simple title).

Commissioner Rzewnicki referenced SB 154; Joe Smith, CEO of 1754 Properties, Westin, Florida, testified in response as to the ownership of the Breckenridge and Jacaranda buildings and what conditions would trigger condo association fees; he could not testify as to recent inspections of those buildings.

Mr. Smith went on to present information about 1754 Properties and answered Commissioner questions including how they are funded, remodeling for existing buildings, hotel diamond ratings through the course of the development (Ms. Batsel submitted proposed amended condition #12 into the record), and hotel room booking.

Ms. Batsel asked to add the applicant's experts resumes, legal memorandums and additional letters of support into the record and the Mayor agreed.

Ms. Batsel continued with the applicant's presentation with an aerial view of the CRD/GBRD/Large Resort District. Zoning/FLU, details of the request, a Phased Approach conceptual timeline (phases 1-4 including public benefits and building setbacks), and beach access. Mr. Smith testified that opening a temporary Phase 4 access point in advance would be considered. Attorney Kevin Reali of Stearns, Weaver, Miller added testimony as to the exact location of the mid-property walkway and the Commissioners expressed concerns that it meanders rather than a direct access. The City will have to have the beachwalk permitted through the FDEP; the applicant will pay for permitting and construction and the City will have design choice. The Integration of the resort was reviewed as part of the presentation. Water features were discussed.

Applicant expert testimony followed:

Traffic – Steven Henry, Transportation Engineer of Lincks and Associates, Tampa performed the traffic analysis and provided details on methodology, link and intersection results, peak hour volumes, and practical interpretation as part of the presentation. Commission questions followed. New analyses and evaluation will happen before each phase per the proposed agreement. Percentages of traffic flow were discussed. Data collection was questioned. Scott Eisenhart of Nunzio Desantis Architects testified to the number of parking spaces for Phase 1 and spaces at completion. Growth rates were discussed

Mayor Petrila called for recess at 7:53 p.m. and reconvened the meeting at 8:10 p.m.

Architecture - Scott Eisenhart, AIA of Nunzio Desantis Architects, Dallas, Texas reviewed that section of the presentation including the existing site, a full view rendering of the project from the beach (emphasizing cohesiveness, integration, and reasoning behind the design – massing is in the center of the property), full view of the project from Gulf Blvd., renderings of portions of proposed phase elements (changes have been made in response to Seamark and other neighbor requests), vehicular circulation, pedestrian circulation and loading diagrams, fire and security. Mr. Eisenhart also reviewed the view corridors and separation of existing and new construction, a shadow study, garage facades (three reference images), and energy saving techniques. He concluded with his architectural expert opinion that as conditioned, the CUP is consistent with the applicable provisions of the Comp Plan and LDC, and the CUP is compatible with the surrounding area.

Commission questions followed, including signage and view corridors and separation.

Landscape - Dave Perry, PLA, ASLA, Landscape Architect reviewed that portion of the applicant's presentation

including landscape and irrigation, the Gulf Blvd. buffer, South buffer beach access, dune restoration (existing gaps are to be infilled); he provided his professional expert opinion. Commission questions followed on fertilizers and planting non-invasive and more native plants

Engineering – Abdul Alkadry, P.E. of Harris Civil Engineers, Orlando, reviewed that portion of the applicant's presentation including Stormwater - existing conditions, proposed design, pre-treatment water quality (additional water treatment through an Up-Flo Filter), utilities, site circulation/design/layout, and access management. He provided his expert engineering opinion. The Commission asked questions including stormwater discharge, code compliance by phase. Stormwater system would be done in phases but must be designed as an overall system

Economy - Greg Pepitone, of Tourism Economics, Tampa, reviewed that portion of the applicant's presentation, including Tradewinds expansion impacts over a 20 year period, direct spending impacts, and St. Pete Beach estimated potential taxes generated and how other data was calculated.

Motion: **Vice Mayor Lorenzen moved, and Commissioner Marriott seconded to extend the meeting until midnight; the motion carried 3-2 with Commissioners Filtz and Marriott voting no.**

Mayor Petrila called a recess at 10:07 p.m. and reconvened the meeting at 10:20 p.m.

Commissioner Filtz commented that doing the best job as a listener is important to both the applicant and the public; after 6 ½ hours it becomes difficult to give the focus that this deserves.

Planning – Ken Metcalf, AICP, of Stearns, Miller, Weaver in Tallahassee, Planning Expert, spoke about his experience and reviewed that portion of the applicant's presentation including a CUP Summary (629 new units, three towers, over 25.26 acres landward of CCCL), statutory consistency requirement (how consistency is determined), Character District, CUP use and numeric consistency, front setbacks, the project's CUP Comp Plan consistency, consistency with Section 4.4(a), and 4.12(a) (no unreasonable or disproportionately negative impacts were found). He provided his expert opinion and answered Commission questions.

PUBLIC COMMENT

Attorney Jane Graham of Sunshine Law for Protect St. Pete Beach Advocacy Group was granted 10 minutes to speak by the Commission. Their request was to deny or delay approval of the requested CUP. Her presentation is part of the meeting record.

Jo Lynn Lawson, Director of Protect St. Pete Beach Advocacy Group spoke against the Tradewinds CUP; a copy of her comments were submitted as part of the meeting record.

The following individuals spoke in support of the Tradewinds CUP:

- Bob Fisher, 4780 Brittany Dr. S., and owner at the Jacaranda Resort.
- Avi Yesawich, 5122 Sandpiper Lane, Manager/Director of the Tradewinds; he submitted a petition signed by several hundred St. Pete Beach residents and community members in favor of the Tradewinds CUP.
- Paul Worsford, owner at the Jacaranda Resort
- Dale Schueneman, General Manager of the Coral Reef Resort
- Robin Miller, President & CEO of Tampa Bay Beaches Chamber on behalf of local businesses.
- Emily Schmoll, 8039 Boca Ciega Drive and Director of Bluegreen Vacations
- Dean Fortune, 1290 67th St. N.; his parents bought the Alden in 1957
- Aaron Grassman, 8911 Blind Pass Rd.

- Joe Jenio, 5445 Gulf Blvd.
- Travis Johnson, 1198 44th Ave. St. Pete and Tradewinds employee
- Raymond Brooks 3813 Gulf Blvd.
- Kelly Bellinger 83rd Ave. SPB
- Mark Arado, owner at the Jacaranda Resort (as long as it is safe and fair)

The following individuals spoke against the Tradewinds CUP

- Cindy Perry 1126 Boca Ciega Isle Dr.
- Linda Lewallen, 2802 Pass-A-Grille Way

Commission discussion followed on whether to continue or adjourn; consensus was to continue, close public comment, and then adjourn.

Motion: Commissioner Marriott moved and Vice Mayor Lorenzen to continue the meeting to 12:45 a.m. to finish public and close comment for Conditional Use Permit #23033; the motion carried 5-0.

Public comment continued.

- Lisa Robinson, 7100 Boca Ciega Drive
- Lisa Reich, 78th Ave.
- Tim Yarnell 5390 Gulf Blvd. and President of Seamark Condo Assoc.
- John Kurzman of Bahia Honda Way on behalf of Bahia Shores
- Terri Grocott, 2841 Alton Drive
- Dana Richardson, Bahama Way S.

The Commission discussed continuing the meeting to another date. The applicant's counsel agreed to continue the hearing to April 23rd at 6:00 p.m.

Vice Mayor Lorenzen moved, and Commissioner Filtz seconded to continue until April 23rd.

Motion: Vice Mayor Lorenzen, Commissioner Filtz seconded, and the motion carried 5-0 to amend the motion on the floor to include "the hearing of Resolution 2023-27 and corresponding Development Agreement to April 23, 2024 at 6:00 p.m.".

Motion: Vice Mayor Lorenzen, Commissioner Filtz seconded, and the motion carried 5-0 to continue the hearing of Resolution 2023-27 and corresponding Development Agreement to April 23, 2024 at 6:00 p.m.

9. ADJOURNMENT

Mayor Petrila adjourned the meeting at 12:30 a.m.

MINUTES APPROVED: 5/14/2024

AMBER LAROWE
CITY CLERK

ADRIAN PETRILA
MAYOR

DRAFT
City Commission Meeting
April 23, 2024 - 6:00 p.m.
City Hall Commission Chambers

ELECTED OFFICIALS PRESENT:

Adrian Petrilă, Mayor
Karen Marriott, Commissioner, District 1
Nick Filtz, Commissioner, District 2
Betty Rzewnicki, Commissioner, District 3
Rich Lorenzen, Vice Mayor, Commissioner, District 4

STAFF PRESENT:

Wayne Saunders, Interim City Manager
Andrew Dickman, City Attorney
Matthew McConnell, Assistant City Attorney
Ginny Bodkin, Deputy City Clerk
Jennifer McMahon, Chief Operating Officer
Kristin Coman, Community Development Director

Mayor Petrilă called the meeting to order at 6:00 p.m., followed by the Pledge of Allegiance. He gave a reminder about decorum during the meeting and hearing.

City Attorney Andrew Dickman stated that public comment for the Tradewinds items has closed and cautioned the public on commenting on them.

1. PRESENTATIONS

a. Citizen of the Year – SPB After School Program

Chief Operating Officer Jennifer McMahon explained this is an annual award as part of the Summer Camp program. Andrea Nicholson, Director of Childcare, spoke about the distinctive traits of the two winners, Genny Griffin and Henry Leporati prior to the awards being presented.

2. APPROVAL OF THE AGENDA

Motion: Commissioner Marriott moved, Commissioner Rzewnicki seconded, and the motion carried 5-0 to approve the April 23, 2024 City Commission Agenda.

3. AUDIENCE COMMENTS

Prior to opening public comment, City Attorney Andrew Dickman explained that at the April 15th hearing the Commissioners agreed that public comment and presentations on Resolution 2023-27 had ended; any public comment heard will be on non-agenda items.

Tom Rask of Unincorporated Pinellas County commented on shade sessions, the Sunshine Law and St. Pete Beach, and entered an email regarding an Open Government Mediation Program into the record.

John Kurzman, 5810 Bahia Dr. S. commented on hiring a CUP expert and various city matters.

4. CONSENT

- a. Street Closure and Wet Zone 8th Avenue

Motion: Vice Mayor Lorenzen moved, Commissioner Filtz seconded, and the motion carried 5-0 to approve the April 23, 2024 City Commission Consent Agenda.

5. ACTION ITEMS

a. Lot Split #24019: 113 and 0 (111) 4th Ave

Those speaking on the matter were duly sworn in for this quasi-judicial item.

Ex parte declarations were made by the Mayor and Commissioners including reading the meeting packet, driving by the property, and speaking with staff.

Community Development Director Kristin Coman reviewed a presentation on the lot split request. Her presentation is made part of the meeting record. She reviewed current conditions, surrounding density, Sec. 20.14, staff findings and their recommendation for approval. There was no public comment.

Motion: Commissioner Marriott moved, Vice Mayor Lorenzen seconded, and the motion carried 5-0 to approve Lot Split #24019.

b. Joe Payne, Inc Building Official and Inspection Services

Ms. McMahon explained that this contract is for necessary services while the City is absent a building official, building inspectors and a building manager. The contract would carry over from the existing agreement for services for building inspections and reviews; the funds are transferred from salary and benefits. \$325,000 is the maximum amount and \$15,000 still remains from the last allotment.

Motion: Vice Mayor Lorenzen moved, Commissioner Filtz seconded, and the motion carried 5-0 to approve an additional \$325,000 to Joe Payne, Inc. for Building Department services.

c. City Manager Contract – Frances Robustelli

Mayor Petrila reported on working with the City Manager, City Attorney and Human Resources to put together an offer and contract for Frances Robustelli; the contract was distributed to the Commissioners and is made part of the meeting record. Ms. Robustelli's current contract requires a 60-day notice. She requested time to move herself and her family and find housing; her proposed start date is July 8, 2024. Interim City Manager Wayne Saunders will stay on for approximately 30 days as a consultant during the transition and they are already having weekly phone calls. City Attorney Dickman explained that a super majority would be required for the vote on the City Manager.

Motion: Commissioner Rzewnicki moved, Commissioner Marriott seconded, and the motion carried 5-0 to approve Frances Robustelli as the next City Manager.

Motion: Commissioner Marriott moved, Commissioner Rzewnicki seconded, and the motion carried 5-0 to approve the contract as negotiated.

Attorney Dickman was then given authority by the Commission to work with Mr. Saunders to amend his employment agreement to include the transition period and bring it back to the Commission for approval.

6. RESOLUTIONS

a. Quasi-Judicial Hearing on Resolution 2023-27 (Conditional Use Permit #23033): Tradewinds Resort (5600, 5700, 5750, 5800, 5900, 6000 Gulf Blvd) - Continued from 4/15/24

RESOLUTION OF THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, APPROVING A CONDITIONAL USE PERMIT, PURSUANT TO SECTIONS 35.3.(b)(1) AND 35.4.(b) OF THE LAND DEVELOPMENT CODE, TO ALLOW THE CONSTRUCTION OF A FOUR-PHASE TEMPORARY LODGING REDEVELOPMENT THAT WILL INCLUDE 1,596 TOTAL TEMPORARY LODGING UNITS, OR 63.18 UNITS PER BUILDABLE ACRE, OF WHICH 629 UNITS ARE ADDITIONAL ABOVE EXISTING, 59,895 SQ. FT. OF MEETING SPACE OF WHICH 14,303 SQ. FT. IS ADDITIONAL ABOVE EXISTING, 79,126 SQ. FT. OF RETAIL AND RESTAURANT SPACE OF WHICH 42,964 SQ. FT. IS ADDITIONAL ABOVE EXISTING, 31,105 SQ. FT. OF OFFICE SPACE OF WHICH 10,486 SQ. FT. IS ADDITIONAL ABOVE EXISTING, AND DEVELOP NEW LODGING, ACCESSORY AND AMENITY STRUCTURES CONTAINING THE AFOREMENTIONED UNITS, ACCESSORY SPACES AND AMENITIES, AS WELL AS OUTDOOR AMENITIES AND PARKING GARAGES, THAT WILL EXTEND UP TO 116 FEET IN HEIGHT ABOVE BASE FLOOD ELEVATION (BFE) TO THE ROOFLINE AND 128 FEET IN HEIGHT ABOVE BFE WHEN INCLUDING ROOFTOP AMENITIES OR DECORATIVE FEATURES, AND PERMIT TWO ROOFTOP DINING AND DRINKING AMENITIES THAT INCLUDES THE PLAYING OF OUTDOOR MUSIC, TO PARCELS #06-32-16-00000-230-0300, 06-32-16-00000-230-0200, 01-32-15-00000-110-0600, 01-32-15-00000-110-0610, 01-32-15-18142-000-0000, 01-32-15-18142-000-0001, 01-32-15-00000-110-0500, AND 01-32-15-00000-110-0400 WITH ADDRESSES OF 5600, 5700, 5750, 5800, 5900, AND 6000 GULF BOULEVARD; INCORPORATING THE CONDITIONS OUTLINED HEREIN; AND PROVIDING FOR CORRECTION OF SCRIVENER'S ERROR AND AN EFFECTIVE DATE.

City Attorney Andrew Dickman advised the Commission regarding the quasi-judicial process. Resolution 2023-27 is a companion to the Development Agreement, Item 7a. For the record, he summarized that the hearing started on April 15, 2024 in which the staff presentation, applicant presentation, and public comment were heard; the Commission continued the hearing to this date certain for applicant rebuttal and deliberation. Since that meeting, some emails were received by the Commission from members of the public. While Statute says that the public should have access to their elected officials on quasi-judicial matters, the public comment portion of the hearing was already closed. Commissioners should disclose if they have read the emails. Counsel for the Applicant can determine whether they should be admissible to the record.

The Commissioners made their ex-parte disclosures since the April 15th meeting:

Commission Marriott – received and read resident emails that were sent to the Commission and had discussions with residents.

Commissioner Filtz – rewatched parts of the 4/15 hearing, spoke to residents, staff, and Parks and Rec Board member Grant Izzi about the project and read resident emails about the project.

Commissioner Rzewnicki – read resident emails and the email from Attorney Jane Graham, had phone calls with residents, walked the Tradewinds property, went with Lisa Reich to look at turtle lighting, spoke and met with staff regarding the CUP, and viewed the Disney Springs parking garage.

Vice Mayor Lorenzen – read all emails, spoke with residents, and walked and viewed the Tradewinds grounds.

Mayor Petrila – read all of the emails that came in during the last week, rewatched parts of the 4/15 meeting and Planning Board meeting, met with residents including HOAs, turtle and other advocacy groups, researched in the Comp Plan and LDC, and met with City staff.

Elise Batsel, Attorney for the Applicant, asked that in order to preserve due process for her client, the Commissioners provide more detail about the discussions they had or things that were done outside of the record. Mr. Dickman provided copies of the emails that were sent to the Commission after April 15th to Attorney Batsel.

Ms. Batsel stated that she would like more details from the Commissioners. She also stressed how inappropriate it was for Attorney Jane Graham, representing Protect St. Pete Beach (PSPB), to forward the City Commission an offer of a letter of no objection written to Ms. Batsel for the Tradewinds. Ms. Graham restated what she already had, under the guise that it was new information. PSPB had the opportunity to enter information into the record at the 4/15 hearing; additionally Protect St. Pete Beach was given 15 minutes to speak, plus extended time for their President and spoke first when they were not first on the registration list. If Protect St. Pete Beach argues in some form in the future that they were not given fair due process, they were given far more due process than any right they have. Attorney Dickman added that if this were to be appealed to Circuit Court, there is a strong argument that the emails received after 4/15 should be stricken.

Per the applicant attorney's request, the Commissioners provided further details on ex-parte communications that could inform their decisions tonight and to allow appropriate rebuttal:

Vice Mayor Lorenzen - disclosed that most of the emails he read were largely duplicates with some wording changes, and template type emails asking to deny the Sirata CUP from December 5th.

Commissioner Rzewnicki – received template emails from the December 5th hearing for the Sirata, emails from residents that she later spoke with regarding traffic and intensity. She spoke with Lisa Reich and took a tour at the Tradewinds and other hotels to look at turtle lighting. She was already in Orlando, so she viewed the Disney Springs parking garage. She met with staff regarding the LDC.

Commissioner Filtz – spoke to residents for and against the project regarding the median potentially blocking 59th Avenue, traffic in general, marine turtle compliance, and beach access being available earlier.

Commissioner Marriott – content of the emails she read, and conversations was similar to public comment last week - traffic, turtle lighting, north side beach access; nothing outside of things already discussed.

Mayor Petrila – nothing significantly different from earlier.

Ms. Batsel stated that the disclosures were sufficient. Mr. Dickman reminded the Commission that their decision for this Conditional Use Permit is to be based on the criteria for a CUP and Development Agreement and the competent, substantial evidence that has been presented. Lay testimony must be very fact specific to put weight on it (i.e. a lay person vs. a traffic engineer).

Mayor Petrila called a recess at 7:08 p.m. for the Applicant to review the emails and reconvened the hearing at 7:20 p.m.

Attorney Elise Batsel of 401 Jackson St., Tampa, thanked the Commission for the rebuttal time. Regarding public comments on marine turtle compliance, during the April 15th hearing, Senior Planner Brandon Berry and the City Attorney testified that there were no current code violations; she entered into the record evidence that all matters have been closed with no current violations. She explained that 1754 Properties President Joe Smith has worked extensively with Sea Turtle Trackers on lighting compliance and she read from Section 3.J. of the Development Agreement that by the end of Phase 1, the entire existing developed property in addition to any new improvements shall be made compliant with the standards for new beachfront lighting in the Land Development Code, Pinellas County Coastal Construction Code, and Florida DEP CCCL regulations, whichever is more stringent. Applicant Joe Smith of 1754 Properties, Westin FL, testified that to avoid conflicting advice on requirements, he conferred with Code Enforcement, City staff, and Sea Turtle Trackers, the only certified sea turtle tracking organization in this area of Florida. His decision was to rely upon their expert qualifications for advice.

Ms. Batsel continued to further rebuttal of matters raised in public comment:

- Ms. Batsel testified that some parking spaces are going to be removed to add beach access and that per the Land Development Code definition, the parking garages at the Tradewinds are not commercial; they are to service the hotels and on related site amenities.

- Regarding FAR (floor area ratio), the Applicant has provided exact elevations, renderings, height, scale and mass. Calculations, even with the parking garage are at 2.0 FAR; City code allows a maximum of 2.6.
- Ms. Batsel testified that the Applicant would like to change the timing of the northernmost access and construct the permanent beach access for Phase 4 immediately when they construct Phase 1. Permanent beach accesses would be available on the southern and northern boundaries, and a temporary access through the middle of the property which must continue until it becomes permanent – it will not go away. She explained the sequence of the completion of site plan, permitting and construction, whereupon a legal description can be created. The Applicant cannot allow people to use the easement during construction due to safety issues.
- The traffic study that the Applicant submitted and was reviewed by the City's independent traffic consultant is the document that confirms that there is adequate capacity and level of service for Phase 1. They are not reserving concurrency with subsequent phases, instead the Applicant will complete a new study at each phase with actual counts at the time concurrent when they move forward with that phase. The same applies for water or sewer. This is clearly spelled out in Section 5 of the Development Agreement.
- She explained that the City and FDOT will work out details of median closures; the Applicant will only pay for what is needed.
- Ms. Batsel read some key points of a letter in which Dave Muntean, the City's independent transportation engineer, addressed comments in a letter from Engineer Alex Roark, concluding that the transportation analysis was correct as submitted. The letter is part of the meeting record. The Applicant's Transportation Engineer Steven Henry testified that he agreed with Mr. Muntean's letter.
- Speculative concerns about the future zoning of an area, desire to maintain the status quo and subjective testimony are not substantiated competent evidence. Lay witnesses cannot give opinions on technical matters.
- Ms. Batsel provided history of what 1754 Properties has done to accommodate Seamark throughout this CUP process including the orientation to protect views, garage screening, pre-construction foundation and structural inspection, wind study, installation of glass and landscaping for sound, air treatment, buffering redesign, plus additional changes from the April 15th presentation. Ms. Batsel testified that tonight the Applicant is agreeing to remove the request for a CUP in Phase 1 for the rooftop and build the restaurant to Code. The roof and walls will be closed and built to Code.
- No technical information or report has been offered by Seamark residents to substantiate that the Tradewinds building will do anything to their telecommunications signals, however the Applicant entered into the record a draft, proposed condition to the CUP that they would install signal extending hardware or other mitigation if signal strength is proven to be diminished.
- Land Use regulations must be viewed in totality. Mr. Berry's expert opinion in the 108-page staff report that the proposed CUP application is consistent with the Comp Plan and has met the criteria under a Conditional Use Permit. The Applicant's expert Planner Ken Metcalf had the same conclusion.
- One provision in a land development regulation cannot be interpreted to render the other provisions meaningless.
- Ken Metcalf, Director of Planning with Stearns, Weaver Miller testified that there are no provisions, policies or objectives in the Comp Plan and no code provisions that require frontage views from Gulf Blvd. 1754 Properties President Joe Smith showed a video that there are currently no Gulf views from Gulf Blvd.
- Ms. Batsel asked to submit modified, redlined conditions and revisions to the Development Agreement into the record and Attorney Dickman acknowledged.

The Applicant and staff answered Commissioners questions regarding estimated Phase 1 construction start and finish timelines, site plan application, turtle lighting survey before turtle season, how guests will be educated on turtle safety, turtle compliance at Jacaranda, zipline and waterslide concerns, medians, public using the parking garages, and the height of rooftop amenities. Ms. Batsel and Mr. Smith testified that the project request is for 20

years to ensure that the market absorbs the rooms before moving forward.

The Mayor closed the quasi-judicial hearing at 8:54 p.m. and called a recess at the same time. The meeting was reconvened at 9:10 p.m.

Chief Operating Officer Jennifer McMahon testified that everything on the beach (i.e. vehicles, temporary structures) has a permit or regulation, whether a CUP, license, Business Tax Receipts or the State Department of Environmental protection approval.

The Mayor opened Commission deliberation. Mayor Petrila read LDC Sec 4.1(a) on the purposes of conditional use permit applications and the authority of the City Commission. He suggested that the Commissioners weigh whether the proposed conditions adequately mitigate the concerns cited in the staff report.

Commission Rzewnicki voiced some concerns regarding the garage façade artificial greenery and appearance (staff did not have a solution to that in their report), the turnaround for fire truck at the southwest corner, inspections at the older buildings (raised in staff report pg. 52), zipline and beach activities, water consumption, non-conforming older buildings, pool decks on the CCCL, easements, dune crossovers, intensity, and protecting the beach.

Commissioner Marriott opined that newer buildings and construction would be more resilient than what exists now; there are different ways to interpret the Comp Plan. She opined that staff's extreme level of detail in their reporting shows that they have been careful about the balance between inviting redevelopment and updated buildings as the City progresses. Working with the site that they have has caused some hurdles for the Applicant. If too many roadblocks are placed to progress, there is a risk of losing the ability to influence any change. The Comp Plan gives the City the ability to negotiate; it asks for redevelopment and gives us the tools to do that.

Mayor Petrila opined that Commission's responsibility is to be good stewards, to mitigate concerns in a CUP, and the goals of the Comp Plan are met with appropriate conditions. He cited multiple staff report mentions of views and vistas. He opined about community benefits; many are required by Comp Plan or LDC. He questioned what we are giving vs. what we are getting. The Mayor opined 3 beach accesses would be required if the lots were individually developed anyway.

Vice Mayor Lorenzen opined about positives and public benefits - 3 beach accesses when only 1 is required, updating an aging resort to a 4-star property, relief of some tax burden, and the beachwalk easement. The Comp Plan was rewritten to ask for this. He added that he heard no neighboring complaints except Seamark – the Applicant has worked with and negotiated Seamark in positive ways. He opined that the frontage road will be good, especially for queueing.

Motion: Commissioner Filtz moved, and Commissioner Marriott seconded to continue the meeting to 11:00 p.m.; the motion carried 5-0.

Commissioner Filtz explained that the common ground for all residents, for and against, has been that we don't want to be Clearwater Beach, but we need some redevelopment. He opined that the job of the Commission is to be open minded – not yes to all development or no to all. It is important to ask if the Applicant met the code criteria and what are the benefits. He felt that the Applicant was mindful in their design of the Seamark and abutting properties, that the parking garages are well designed, that the public beach access is important, that the project as a whole will bring money to the economy, potentially less vacant buildings, create higher and better uses for some commercial properties, and increased resiliency. He suggested reviewing the proposed conditions.

Mayor Petrila expressed concerns with the Development Agreement spanning 20 years, potentially hamstringing future Commissions. He expressed concerns with the project potentially not starting within 12 months and not curing violations within 30 days. He opined that only the Applicant benefits from a 20-year Development Agreement; it could be considered a vehicle to circumvent safety measures in the Comp Plan. A 20-year agreement is of zero benefit to the residents.

Commissioner Marriott opined that she views the Development Agreement differently. 20 years is how long it takes to build a business from nothing to something and does not seem unreasonable. The City is getting the Applicant's commitment tied to the property for stormwater improvements over the entire site, and dunes restoration whether they go through with construction or not, and traffic studies at each phase. She opined that the applicants are being good stewards and are being prudent in a realistic manner.

Commissioner Filtz opined that the phased approach would save the City from empty buildings and help with economy; it is important to look at developments individually and have an open mind.

Mayor Petrila opined about the Applicant's expert opinions on traffic and economics and the Applicant's proof of financial stability.

The Applicant's contribution of \$125,000.00 for mobility services was discussed with Mr. Smith offering nothing further. The traffic studies were discussed in depth. The City's traffic expert Dave Muntean testified to the adequate capacity as included in his report.

Vice Mayor Lorenzen recommended reviewing the proposed conditions.

Motion: Vice Mayor Lorenzen moved and Commissioner Marriott seconded to continue the meeting to midnight; the motion carried 5-0.

Attorney Batsel suggested going through the proposed conditions to the CUP one by one, followed by the Development Agreement review. The Commission spent time reviewing the proposed conditions of the CUP resolution and Development Agreement.

Motion: Vice Mayor Lorenzen moved and Commissioner Marriott seconded to continue the meeting to 1:00 a.m.; the motion carried 5-0.

Commissioner Marriott opined that the Commission had thoroughly discussed the benefits and drawbacks to the proposed conditional use, examined many issues, and shared thoughts for five hours and expressed that much thought and care have gone into this.

Motion: Commissioner Marriott moved and Vice Mayor Lorenzen seconded to approve Resolution 2023-27 with conditions as discussed and modified tonight.

Assistant City Attorney McConnell reviewed and read into the record each of the proposed conditions whether modified or unchanged by the Commission, to reach consensus.

Since the outdoor rooftop dining was removed, the title of the resolution will be modified to reflect that.

#1 – Accepted as is by the City Commission.

#2 – As the Applicant struck the outdoor dining, the words “second floor beach front restaurant constructed in phase one” are removed. Accepted by the Commission.

3 – Accepted as is by the City Commission.

#4 – Certificate of Occupancy for phase 1 would be removed. Accepted by the Commission.

#5 – Eliminated and stricken as moot.

#6 - #11 – Accepted as is by the City Commission.

- A condition will be added to require the education of and promotion to guests about the airport shuttle.

#12 – Language changed to “upon completion of all phases, all newly-constructed hotel buildings subject to this approval shall be constructed to and contain the amenities associated with a “four diamond”-rated lodging...” and “with experience in hotel quality consultation services, such as the project architect,” Accepted by the Commission.

#13 - 14 Accepted as is by the City Commission.

#15 – Add “With the exception of the Phase 1 restaurant” before “these renderings shall be”.

#16 – Accepted as is by the City Commission.

#17 – Add (parking garage) after Phase 1-A.

#18 – Accepted as is by the City Commission.

#19 – Add after the last sentence “If the Applicant substantially improves any structure or accessory structure currently located seaward of the CCCL, the Applicant shall be required to bring the structure into compliance with applicable codes.” Accepted by the Commission.

#20 and #21 – Accepted as is by the City Commission.

#22 – Add the Applicant shall work with Dune Savers to address non-native vegetation that may impact dune areas. Accepted by the Commission.

#23 - #30 Accepted as is by the City Commission

#31 – Add language that “High quality and durable synthetic landscaping shall be used”. Accepted by the Commission.

#32 - #39 - Accepted as is by the City Commission.

A condition will be added for the Telecommunications Condition (mitigation measures in the event of signal quality degradation) per the language provided by the Applicant, which is part of the meeting record. The conditions will be renumbered accordingly.

Motion: Commissioner Marriott amended her motion and Vice Mayor Lorenzen seconded, to approve Resolution 2023-27 with conditions as discussed and modified tonight, including the telecommunications condition. The motion carried 3-2 with Commissioner Rzewnicki and Mayor Petrila voting no.

7. DEVELOPMENT AGREEMENTS

a. Quasi-Judicial Hearing on Resolution 2023-27 (Conditional Use Permit #23033): Tradewinds Resort (5600, 5700, 5750, 5800, 5900, 6000 Gulf Blvd) - Continued from 4/15/24

Attorney McConnell reviewed and read into the record each of the proposed modifications to the Development (DA) that the Commission had discussed to confirm consensus.

Whereas - Addition to the 2nd Whereas on Page 3 of the DA: Whereas, the City acknowledges the Project is a large redevelopment of over twenty-five (25) acres, **designed in four phases (each respective phase of development hereinafter a “Project Phase”)**...

3.(A)1. Strike “during the construction of each applicable phase of development” from the end of the last sentence.

3. (A)2. Modified to: Developer shall **construct the Landward Beach Accesses located within Phases 1 and 4 during Phase 1 of the Project and shall grant a non-exclusive easement for public pedestrian ingress and egress over each the Phase 1 and 4 Landward Beach Accesses as shown on the CUP Plan within thirty (30) days of receiving the certificate of occupancy for the buildings located in Phase 1.**

- 3.(A)3. Modified to: Developer shall grant a non-exclusive easement for public pedestrian ingress and egress from **where the Landward Beach Accesses located within Phases 1 and 4 intercept** the CCCL to the wet sand, also referred to as the mean high-water line, as shown on the CUP Plan within thirty (30) days of receiving the certificate of occupancy for the buildings located **in Phase 1**.
- 3.(A)4. Unchanged.
- 3.(A)5. Added: Developer shall construct the Landward Beach Access located within Phase 3 during Phase 3 of the project and shall grant a non-exclusive easement for public pedestrian ingress and egress over the Phase 3 Landward Beach Access as shown on the CUP Plan within thirty (30) days of receiving the certificate of occupancy for the buildings located in Phase 3.
- 3.(A)6. Added: Developer shall grant a non-exclusive easement for public pedestrian ingress and egress from where the Landward Beach Access located within Phase 3 intercepts the CCCL to the wet sand, also referred to as the mean high-water line, as shown on the CUP Plan within thirty (30) days of receiving the certificate of occupancy for the buildings located in Phase 3.
- 3.(B-H) Unchanged.
3. (I) Modify to: Any new design or restoration of the dune system, **along with the removal of existing Category I invasive trees at the seaward side of the building at 6000 Gulf Boulevard**, shall be completed prior to the issuance of a certificate of occupancy for Phase 1. **The dune location shall be** coordinated with the proposed location of the beachwalk in Item D.
- 4.(A-C) Unchanged.
4. (D) **Phase 1** replaces phase 2 and 4.
- 4.(E-F) Unchanged.
- Sections 5 – 33 Unchanged.

Motion: Vice Mayor Lorenzen moved, Commissioner Marriott seconded, and the motion carried 3-2 to approve the Development Agreement between the City of St. Pete Beach, Florida and TRADEWINDS SPB DEVELOPER LLC with the amendments as noted. Mayor Petrila and Commissioner Rzewnicki voted no.

8. ITEMS FOR DISCUSSION

a. \$50,000 Small Business Grant Program

Ms. McMahon reported that the agreement with the Gulf Beaches Chamber of Commerce died. The funds are still allocated in the budget. The Mayor requested, and Ms. McMahon agreed to find a new avenue to find an entity to oversee and administer the grant. Mr. Saunders agreed to bring back Plan B in May or June.

9. CITY CLERK, CITY MANAGER, CITY ATTORNEY, AND CITY COMMISSION REPORTS

Deputy City Clerk – reminded the public of the special election on 8/20/24 and the qualification period.

City Manager – reported that the Boat Ramp Community Meeting should be scheduled. A date of May 29th at 6:00 p.m. was chosen with a location at the Community Center or Warren Webster. Mr. Saunders would like to bring the Pay Plan Study to the Commission. A date of May 28th at 4:00 p.m. was chosen. Mr. Saunders announced that City Clerk LaRowe will be returning soon and thanked the Deputy Clerk for filling in during an extremely busy time.

Commissioner Rzewnicki – announced the Town Hall meeting for District 3 on May 22nd at 5:00 p.m. in Commission Chambers.

Mayor Petrila – reminded the Commission that he will be attending the May 14th meeting virtually and voting, although not counted toward quorum; they agreed. He also mentioned the CUP application letters for the Miramar and Postcard Inn are out in the mail to residents and also mentioned the election qualification period.

Mayor Petrila adjourned the meeting at 12:30 a.m. on April 24, 2024.

MINUTES APPROVED:

AMBER LAROWE
CITY CLERK

ADRIAN PETRILA
MAYOR

DRAFT
City Commission Special Meeting
Executive Session
April 23, 2024 – 5:00 p.m.
City Hall Commission Chambers

ELECTED OFFICIALS PRESENT:

Adrian Petrilă, Mayor
Karen Marriott, Commissioner, District 1
Nick Filtz, Commissioner, District 2
Betty Rzewnicki, Commissioner, District 3
Rich Lorenzen, Vice Mayor, Commissioner, District 4

STAFF PRESENT:

Andrew Dickman, City Attorney
Matthew McConnell, Assistant City Attorney
Wayne Saunders, City Manager
Ginny Keeter-Bodkin, Deputy City Clerk (left after the close of the public portion and returned upon reopening)

Mayor Petrilă called the meeting to order at 4:00 p.m., followed by the Pledge of Allegiance.

City Attorney Andrew Dickman announced that the meeting was an Executive Session, closed meeting, pursuant to Section 286.011(8), Florida Statutes, to discuss the lawsuit Protect St. Pete Beach Advocacy Group, et al. v. City of St. Pete Beach; Case No. 24-000041-CI, Sixth Judicial Circuit in and for Pinellas County, Florida.

Attorney Dickman explained that under statute this is one rare instance of allowable discussion outside of the sunshine, for settlement discussion or expenses related to litigation strategies. A court reporter was present to transcribe the proceedings; a transcript will be sent to the Clerk and remain sealed as a public record until the litigation is concluded. He provided rules of thumb to the Commission to speak clearly for the court reporter. Mr. Dickman stated that in addition to himself, Assistant City Attorney Matthew McConnell and defense counsel Sam Salaris (via Zoom) were present.

Unincorporated Pinellas County resident Tom Rask provided public comment on the City's compliance with the Sunshine Law and public records.

Mayor Petrilă closed the meeting to the public at 5:03 pm

Mayor Petrilă reopened the public portion of the meeting at 5:59 p.m.

There being no further discussion, Mayor Petrilă adjourned the meeting at 6:00 p.m.

MINUTES APPROVED:

AMBER LAROWE
CITY CLERK

ADRIAN PETRILA
MAYOR

**St. Pete Beach City Commission
Agenda Report**

Issue Considered: Request approval of the unit rate Services Agreement with Aftermath Disaster Recovery, Inc. for Disaster Debris Collection and Removal associated with federally declared disaster events.

Date: May 14, 2024

Prepared By: Mike Clarke, Public Works Director

Through: Wayne Saunders, Interim City Manager

Summary of Issue: The City issued a Request for Bids (RFB) on January 31, 2024 for the City's Disaster Debris Collection & Removal unit price contract. In response to this RFB, the City received ten (10) bids from qualified contractors. Upon review of these bids, Aftermath Disaster Recovery, Inc. is the lowest responsible bidder, and their bid has been determined to meet all the requirements outlined in the issued solicitation.

If the City of St. Pete Beach is impacted by a federally declared disaster event, this contract will allow the City to remove debris generated by this event and then request reimbursement from the Federal Emergency Management Agency (FEMA). Since the work performed by Aftermath Disaster Recovery, Inc. is reimbursable by FEMA, this contract will not have any financial limitations.

This agreement will remain in effect for three years from the date of contract execution, with the option to renew for two additional one year terms at the end of the initial term.

Funding: N/A

Requested Motion: "I move to approve the unit rate Services Agreement with Aftermath Disaster Recovery, Inc. for Disaster Debris Collection and Removal associated with federally declared disaster events."

Attachment: Bid Tabulation
Services Agreement
Bid from Aftermath Disaster Recovery

Bid Opening – Disaster Debris Collection and Removal - 2/29/2024

In Attendance:

- 1) Chip Patterson, VP of Operations, SDR

Demand Star:

- 1) Ceres Environmental Services
Total: \$2,774,073.50
- 2) ATL Diversified
Total: \$4,185,350.00
- 3) DRC Emergency Services LLC
Total: \$2,498,205.00
- 4) Phillips & Jordan Inc.
Total: \$3,045,300.00
- 5) Southern Disaster Recovery
Total: \$2,528,575.00
- 6) Aftermath Disaster Recovery
Total: \$1,684,070.00
- 7) Custom Tree Care Inc.
Total: \$2,280,100.00

Bonfire:

- 1) Grubbs Emergency Services LLC
Total: \$4,196,525.00
- 2) TRF Enterprises Inc.
Total: \$2,850,250.00

CITY OF ST. PETE BEACH, FLORIDA
SERVICES AGREEMENT

Disaster Debris Collection and Removal

This is an Agreement (the "Agreement") entered into by and between the **CITY OF ST. PETE BEACH** (hereinafter "City") and Aftermath Disaster Recovery, Inc. (hereinafter "Contractor"). The City and Contractor together shall be referred to as the "parties."

WHEREAS, The City properly issued a Request for Bids, attached and incorporated hereto as Exhibit "B" and the City Commission authorized the selection of Contractor at its [Insert Date] public hearing.

WHEREAS, City desires to purchase from Contractor the services described in this Agreement.

WHEREAS, Contractor is in the business of providing the services described herein, and has submitted an appropriate proposal to the City to provide the same.

WHEREAS, this Agreement has been properly approved by the appropriate authority of the City and the Contractor.

NOW, THEREFORE, upon the mutual covenants contained herein, and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties hereto hereby agree to the following:

1. Recitals. The foregoing recitals are true and correct and incorporated herein by reference.
2. Public Records. The Contractor shall abide by the legal requirements set forth in Florida Statutes, Section 119.0701 and incorporated herein as Exhibit A. **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTORS' DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (City Clerk, City of St. Pete Beach, Florida, 727-363-9220, cityclerk@stpetebeach.org, 155 Corey Avenue, St. Pete Beach, Florida 33706).**
3. Employment Eligibility. The Contractor shall comply with all local, state and federal directives, orders and law as applicable to the contract. Beginning January 1, 2021, every public employer, contractor, and subcontractor shall register with and use the E-Verify system to verify the work authorization status of all newly hired employees. A public employer, contractor, or subcontractor may not enter into a contract unless each party to the contract registers with and uses the E-Verify system under 448.095, Fla. Stat.
 - a. Contractor agrees to comply with all applicable portions of Fla. Stat. 448.095.

Contractor must use the U.S. Department of Homeland Security's E-Verify System, <https://e-verify.uscis.gov/emp> to verify the employment eligibility of all employees hired on or after January 1, 2021, during the term of this Agreement.

b. Subcontractors (i) Contractor shall also require all subcontractors performing work under this Agreement to use the E-Verify system for any employees they may hire during the term of this Agreement; (ii) Subcontractors shall provide Contractor with an affidavit stating the subcontractor does not employ, contract with, or subcontract with an unauthorized alien, as defined by Fla. Stat. 448.095; (iii) Contractor shall provide a copy of such affidavit to the City upon receipt and shall maintain a copy for the duration of the Agreement.

c. Contractor must provide evidence of compliance with Fla. Stat. 448.095 by January 1, 2021. Evidence may consist of, but is not limited to, providing notices of Contractor's E-Verify number.

d. Failure to comply with this provision is a material breach of the Agreement, and the City may choose to terminate the Agreement at its sole discretion. Contractor may be liable for all costs associated with the City securing the same services, inclusive, but not limited to, higher costs for the same services and rebidding costs, if necessary. Any challenge to termination under this provision must be filed in the Circuit Court no later than 20 calendar days after the date of termination. If this agreement is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public agreement for a period of one (1) year after date of termination.

4. Scope of Services. The Contractor must perform all work for the City required by the contract documents as set forth below:

- a. Contractor will furnish all labor, materials, and equipment necessary as indicated in the Request for Bids (Exhibit B).
- b. Contractor must supervise the work force to ensure that all workers conduct themselves and perform their work in a safe and professional manner. Contractor must comply with all OSHA safety rules and regulations in the operation of equipment and in the performance of the work. Contractor must at all times have a competent field supervisor on the job site to enforce these policies and procedures at the Contractor's expense.
- c. Contractor will provide the City with seventy-two (72) hours written notice prior to the beginning of work under this Agreement and prior to any schedule change with the exception of changes caused by inclement weather.
- d. Contractor must comply with any and all Federal, State, and local laws and regulations now in effect, or hereinafter enacted during the term of this Agreement, which are applicable to the Contractor, its employees, agents or subcontractors, if any, with respect to the work and services described herein. The Contractor further warrants that there has been no violation of copyrights or patent rights either in the United States of America or in foreign countries in connection with the work of the contract.
- e. Contractor warrants to the City that all goods and materials furnished under the contract

will be new unless otherwise specified and that contractor possesses good, clear, and marketable title to said goods and there are no pending liens, claims, or encumbrances whatsoever against said goods. All work not conforming to these requirements, including substitutions not properly approved and authorized may be considered defective. Contractor further warrants that all goods, materials and workmanship furnished, whether furnished by the Contractor or its subcontractors and suppliers, will comply with the specifications, drawings and other descriptions supplied or adopted. Last, Contractor warrants all material and workmanship for a minimum of (1) year from date of project completion and acceptance by the City. If within one (1) year after acceptance by the City, or within such larger period of time as may be prescribed by law any of the work is found to be defective or not in accordance with the contract documents, the Contractor will, after receipt of a written notice from the City to do so, promptly correct the work.

5. Damages. Time is of the essence in the performance of this Agreement. City shall be entitled to liquidated damages in the amount of \$500 per day, for each day after the date set forth in paragraph 10, that Contractor has failed to properly and completely deliver all goods or provide all service specified herein. The Contractor specifically acknowledges that the foregoing sum is reasonable and does not constitute a penalty.
6. Remedies.
 - a. Damages. The City reserves the right to recover any ascertainable actual damages incurred as a result of the failure of the Contractor to perform in accordance with the requirements of this Agreement, or for losses sustained by the city resultant from the Contractor's failure to perform in accordance with the requirements of this Agreement.
 - b. Correction of Work. If, in the judgment of the City, work provided by the Contractor does not conform to the requirements of this Agreement, or if the work exhibits poor workmanship, the city reserves the right to require that the Contractor correct all deficiencies in the work to bring the work into conformance without additional cost to the City, and/or replace any personnel who fail to perform in accordance with the requirements of this Agreement. The City is the sole judge of non-conformance and the quality of workmanship.
7. Waiver of Liens. Prior to final payment of the Contract Sum, a final waiver of lien must be submitted by all suppliers, subcontractors, and/or Contractors who worked on the project that is the subject of this Agreement.
8. Warranties.
 - a. Warranty of Title. Contractor warrants to the City that all goods and materials furnished under the contract will be new unless otherwise specified and that Contractor possesses good, clear, and marketable title to said goods and there are no pending liens, claims, or encumbrances whatsoever against said goods. All work not conforming to these requirements, including substitutions not properly approved and authorized may be considered defective.

- b. Warranty of Specifications. The Contractor warrants that all goods, materials, workmanship furnished, whether by the Contractor or its subcontractors and suppliers, will comply with the specifications, drawings and other descriptions supplied or adopted.
 - c. Warranty of Merchantability. The Contractor warrants all material and workmanship for a minimum of one (1) year from date of project completion and acceptance by the City. If within one (1) year after acceptance by the city, or within such larger period of time as may be described by law any of the work is found to be defective or not in accordance with the contract documents, the Contractor must after receipt of a written notice from the City to do so, promptly correct the work unless the City has previously given the Contractor a written acceptance of such condition.
9. Completion Date. Contractor shall provide the services, described herein to be completed as required in this agreement.
10. Term. This Agreement will remain in effect for a period of (3) three years with (2) two 1 year extensions from the Effective Date. |
11. Effective date. The “Effective Date” of this Agreement shall be the date this Agreement has been executed by all parties.
12. Termination. This Agreement may be canceled by the City when:
- a. Sufficient funds are not available to continue its full and faithful performance to the Agreement.
 - b. Sub-standard or non-performance of Agreement.
 - c. The City wishes to terminate the Agreement at any time and for any reason, upon giving thirty (30) days prior written notice to the Contractor.
13. Fiscal Non-funding. If funds for the requested services described herein are not appropriated via the annual budget adoption process, the City reserves the right to cancel the Agreement immediately upon written notice to the Contractor.
14. Non-Exclusivity. Contractor acknowledges that the City may enter into agreements with other consultants or may have its own employees complete the work for services similar to the services that are subject to this Agreement.
15. Compensation. Upon Contractor's satisfactory full performance of the services or in accordance with the payment schedule provided in the attached proposal, City shall pay Contractor, as full consideration for services provided in this Agreement and more specifically in Exhibit B.
16. Insurance. To the extent that this Agreement requires Contractor to provide any services of any kind, Contractor and all of Contractor's subcontractors shall maintain public liability insurance in a combined single limit for bodily injury and property damage in the amount of not less than \$1,000,000.00, satisfactory to the City Manager, naming the City as an additional insured and providing coverage up through and including the final performance

of any services provided herein. Contractor and all of Contractor's subcontractors shall maintain in full force and effect a policy of worker's compensation insurance for all of Contractor's employees in accordance with applicable state and federal law. Said insurance coverage shall include employer's liability with a single limit of \$100,000.00 per accident or occurrence. Contractor shall present City with a certificate for all the foregoing insurance, at the time of executing this Agreement and at such other times requested by the City.

The Contractor waives all rights against the City, its consultants, separate contractors, if any, and any of its subcontractors, agents and employees, for any and all damages caused to the extent covered by insurance described herein and obtained pursuant to this Section or other property insurance applicable to the services and product provided under this Agreement. The City shall require of the Contractor, Contractor's consultants, separate contractors, if any, and the subcontractors, sub-subcontractors, agents and employees of any of them, by appropriate agreements, written where legally required for validity, similar waivers each in favor of other parties enumerated herein. The policies shall provide such waiver of subrogation by endorsement otherwise. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, did not pay the insurance premium directly or indirectly, and whether or not the person or entity had an insurable interest in the property damaged.

17. Indemnification. In consideration of the payment of ten dollars as part of the compensation described herein, Contractor shall indemnify, defend and hold the City harmless for itself, its past/present/future elected and appointed officials, its employees, agents and assigns, from and against any and all losses, claims, damages, suits, actions, liability or demands, including attorneys' fees and costs of litigation through all appellate proceedings, arising from the performance or non-performance of this Agreement, whether caused in part by the City or not, and in connection with violations of copyrighted or trademarked materials used by Contractor, loss of life, bodily or personal injury, or property damage, including loss of use thereof, directly or indirectly caused by, resulting from, arising out of or occurring in connection with the operations of the Contractor or its officers, employees, agents, subcontractors, or independent Contractors, excepting only such loss of life, bodily or personal injury, or property damage solely attributable to the gross negligence or willful misconduct of the City or its elected or appointed officials and employees. In any and all claims against the City, or any of their agents or employees by any employee of the Contractor any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this paragraph is not limited in any way by any limitation in this amount or type of damages compensation or benefits payable by or for the Contractor or any subcontractor under Workers' Compensation Acts, Disability Benefit Acts or other Employee Benefit Acts. Nothing contained herein is intended nor may it be construed, to waive City's rights and immunities under the common law or Section 768.28, Florida Statutes, as amended from time to time; nor will anything included herein be construed as consent to be sued by any third parties in any matter arising out of this Agreement. To the extent considered necessary by the Contract Administrator and the City Attorney, any sums due Contractor under this Agreement may be retained by the City until all of the City's claims subject to this indemnification obligation have been settled or otherwise resolved, and any amount withheld is not subject to payment of interest by the City. The above provisions will survive the termination or expiration of this Agreement and will pertain to any occurrence

during the term of this Agreement, even though the claim may be made after the termination or expiration hereof.

18. Discriminatory Vendor List. Contractor hereby acknowledges its continuous duty to disclose to the City if the Contractor or any of its affiliates, as defined by Section 287.134 (1)(a), Florida Statutes, are placed on the Discriminatory Vendor List. Pursuant to Section 287-134 (2)(a), Florida Statutes: “An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to a public entity; may not submit a bid or proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.”

19. Independent Contractor. This Agreement does not create an employee/employer relationship between the parties. It is the intent of the parties that the Contractor is an independent contractor under this Agreement and not the City’s employee for any purposes, including but not limited to, the application of the Fair Labor Standards Act minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, the State Worker’s Compensation Act, and the State Unemployment Insurance law. The Contractor will retain sole and absolute discretion in the judgment of the manner and means of carrying out Contractor’s activities and responsibilities hereunder provided, further that administrative procedures applicable to services rendered under this Agreement will be those of Contractor, which policies of Contractor will not conflict with City, State, or United States policies, rules, or regulations relating to the use of Contractor’s funds provided for herein. The contractor agrees that it is a separate and independent enterprise from the City, that it had full opportunity to find other business, that it has made its own investment in it business, and that it will utilize a high level of skill necessary to perform the work. This Agreement must not be construed as creating any joint employment relationship between the Contractor and the City and the City will not be liable for any obligation incurred by Contractor, including but not limited to unpaid minimum wages and/or overtime premiums.

20. Audit Rights. The City reserves the right to audit the records of the Contractor for the commodities and/or serves provided under the contract at any time during the performance and term of the contract and for a period of five (5) years after completion and acceptance by the City. If required by the City, the Contractor agrees to submit to an audit by an independent certified public accountant selected by the City. The Contractor must allow the City to inspect, examine and review the records of the Contractor in relation to this Agreement at any an all times during normal business hours during the term of the Agreement.

21. Exhibits. The following Exhibits shall be attached, incorporated, and made a part of this Agreement:

- a. Florida public records law (Exhibit “A”)
- b. Request for Bid (Exhibit “B”)
- c. Vendor Proposal (Exhibit C)

22. Notices. All notices sent pursuant to this Agreement shall be given in writing via certified mail or overnight courier and shall be delivered to the following addresses:

As to Contractor:

Aftermath Disaster Recovery, Inc.
1826 Honeysuckle Lane
Prosper, TX 75078

As to City:

City Manager
City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, FL 33706

With Copy To:

Adam@aftermathdisaster.com

With Copy To:

cityattorney@stpetebeach.org

23. Conflicts and Severability. To the extent that any terms in the attached proposal conflict with the terms of this Agreement, the terms of this Agreement shall control and supersede such conflicting terms in the attached proposal, to the extent of such conflict. If any section, part of section, paragraph, clause, phrase, or word of this Agreement is declared invalid, the remaining provisions of this Agreement shall not be affected.

24. Amendments. This document and exhibits embody the entire Agreement of the parties. There are no promises, terms, conditions, or representations binding on either party hereto, other than those contained herein; and this document shall supersede all previous communications, representations, and/or agreements between the parties hereto, whether written or oral. This Agreement shall not be modified by any oral statement, communication, Agreement, course of conduct, or by anything other than a writing signed by the parties. This Agreement may be amended or modified only in writing signed by all parties hereto.

25. Jurisdiction, Venue, Attorney Fees. This Agreement shall be governed and construed according to the laws of Florida, and venue for any action arising herefrom shall be in Pinellas County, Florida. The prevailing party in any action to enforce or interpret this Agreement shall be entitled to reasonable attorney's fees incurred through all appellate proceedings.

26. Assignment. This Agreement shall be binding upon the parties, their successors, assigns, and legal representatives. Contractor shall not assign or otherwise transfer any of the rights or duties under this Agreement, without the express written consent of the City.

27. Counterparts. This Agreement may be executed and delivered in any number of counterparts, each of which so executed and delivered shall be deemed to be an original and all of which shall constitute one and the same instrument. Facsimile, documents executed, scanned and transmitted electronically and electronic signatures shall be deemed original signatures for purposes of this Agreement and all matters related thereto, with such facsimile, scanned and electronic signatures having the same legal effect as original signatures.

28. Authority. Contractor hereby acknowledges that the person executing this Agreement on behalf of Contractor has the full authority to do so and to bind Contractor to the terms hereof.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the day and year set forth below.

City of St. Pete Beach:

Signature: Adam Gonzalez

Signature: _____

By: Adam Gonzalez

By: Wayne Sauders

Its: .Director of Operations

Its: City Manager

Date: 3/22/24

Date: _____

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY:

ATTEST:

Andrew Dickman
City Attorney

Amber LaRowe
City Clerk

EXHIBIT “A”

Florida Public Records Law

119.0701 Contracts; public records; request for contractor records; civil action.

(1) DEFINITIONS. —For purposes of this section, the term:

(a) “Contractor” means an individual, partnership, corporation, or business entity that enters into a contract for services with a public agency and is acting on behalf of the public agency as provided under s. 119.011(2).

(b) “Public agency” means a state, county, district, authority, or municipal officer, or department, division, board, bureau, commission, or other separate unit of government created or established by law.

(2) CONTRACT REQUIREMENTS. —In addition to other contract requirements provided by law, each public agency contract for services entered into or amended on or after July 1, 2016, must include:

(a) The following statement, in substantially the following form, identifying the contact information of the public agency’s custodian of public records in at least 14-point boldfaced type:

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR’S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (telephone number, e-mail address, and mailing address).

(b) A provision that requires the contractor to comply with public records laws, specifically to:

1. Keep and maintain public records required by the public agency to perform the service.
2. Upon request from the public agency’s custodian of public records, provide the public agency 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 this chapter or as otherwise provided by law.
3. 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 the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.
4. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency’s custodian of public records, in a format that is compatible with the information technology systems of the public agency.

EXHIBIT “B”

(Place Request for Bid behind this page)

Exhibit “C”

(Place Vendor’s Bid Behind this Page)



Response to:

RFP—Disaster Debris Collection and Removal

February 29, 2024 @ 9:00 AM

Prepared for:

City of St. Pete Beach, FL

Prepared by:

Aftermath Disaster Recovery



February 29, 2024

City Clerk's Office
St. Pete Beach
155 Corey Avenue
St. Pete Beach, FL 33706

Re: RFP – Disaster Debris Collection and Removal

Dear Selection Committee,

Aftermath Disaster Recovery is small enough to offer dedicated service to our clients, and large enough to execute complex projects. In response to the City of St. Pete Beach's RFP–Disaster Debris Collection and Removal, we are pleased to offer our services. Our specialty is removing debris in a quick and orderly manner, and our values dictate that we execute our work with excellence. We are committed to performing and completing the services the City of St. Pete Beach requests in a professional and timely manner.

For over a decade, Aftermath has helped communities cleanup from events both large and small. We recognize that no two events are the same, and that's why we focus on each community's specific needs. When an event occurs, Aftermath will work with the City of St. Pete Beach to develop a clean-up approach that addresses the areas most important to your community and in accordance to your existing Public Works Emergency Operations Plan. Our nimble team allows for flexibility in our process that can be easily tailored based on your specific needs following a disaster.

Aftermath Disaster Recovery, Inc. was formed in Texas in 2013, but our principals have been working in the disaster recovery industry since 2004. Aftermath is a certified HUB contractor in the State of Texas and a certified specialty marine contractor in the State of Florida. We have no wholly owned subsidiaries, affiliated companies, joint ventures or strategic alliances with any other companies.

Our leadership draws on over a combined 50 years of experience working every major natural disaster since Hurricane Charlie. The ownership of Aftermath includes the husband-and-wife team of Obie and Melanie Corley, who have a relationship with each of our clients. We listen to your needs and apply our expertise to help you accomplish each of your priorities.

We understand the importance St. Pete Beach is placing on past experience, prompt and efficient service, and financial capabilities. We have the knowledge, expertise, and diligence to exceed your expectations.

We have a substantial inventory of owned equipment and an employee-based labor force to tackle projects of any size with a quick response capability. From land-based loader trucks and skid-steers to shallow draft loader barges and environmentally low-impact marsh buggies, we work to restore our communities on the land and on the water while preserving our environment. Our specialized equipment has enabled us to clear thousands of miles of waterways, and thousands of acres of delicate marshlands with great care.

Because we perform the majority of our own work rather than subcontracting our work, we are experts in disaster debris removal, accurately gauging the amount of time and effort a project will require, and effectively planning and executing the most efficient approach to the job. We also yield the highest quality results because we run our own crews, and we take pride in the quality of our work.

We want to ensure all clients benefit from our personalized attention, so we take a strategic approach to all of our contracts. This means that if awarded this Pre-Event contract with the City of St. Pete Beach, we will not pursue other contracts with nearby communities because we want to be able to quickly support you when an event occurs. We view all of our clients as true partners who depend on us when disaster strikes, and by being selective with our relationships, we guarantee that you will never feel like another number on somebody's client list.

In selecting Aftermath Disaster Recovery for this contract, St. Pete Beach receives a partner dedicated to serving you and your community. Owners Melanie and Obie Corley are closely involved in every project because we understand the complexity and difficulty of recovering from an event. We employ best practices for emergency debris removal and then we tailor each project to its specific needs. We would be honored to use the skill and experience we have gained over the years to serve the City of St. Pete Beach.

Sincerely,



Adam Gonzalez
Director of Business Operations

Aftermath Disaster Recovery, Inc.
1826 Honeysuckle Ln
Prosper, TX 75078
Adam@AftermathDisaster.com

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Executive Summary

For nearly every community hit by a disastrous event, the one scenario leaders want to avoid is chaos. After a disastrous event, it is critical that your community begins to recover as soon as possible. Aftermath Disaster Recovery, Inc. (“Aftermath”), is ready to jump in and serve City of St. Pete Beach in accomplishing your priorities. We understand and appreciate St. Pete Beach’s emphasis on planning for potential disasters, the importance of a timely response and quick recovery, and the need for FEMA proficiency. Aftermath is well-prepared to cover all aspects of the scope of work laid out in RFP–Disaster Debris Collection and Removal.

The Aftermath Approach

Aftermath’s approach to supporting St. Pete Beach stands out in three main areas: 1) personal attention 2) our policy of having a pre-planning meeting within 60 days of an award and 3) our company-owned equipment and employee-based labor force.

- 1. Personal Attention.** We are a family-owned business with a decades-long history. Our commitment is to understanding your needs and priorities as you serve your community in its recovery efforts. Our top leadership is on-call 24/7. To demonstrate our commitment to your community, we do not seek other pre-events within 100 miles of a primary position contract.
- 2. Meeting within 60 Days of an Award to Establish a Written Plan.** Building relationships with our clients ensures a successful recovery. Our pre-planning meeting serves multiple objectives: to understand your community’s needs, determine a central location for our mobile operations center, establish adequate staging areas, identify potential TDSRS sites, create a mapping plan, estimate asset needs for different levels and types of disaster, and prepare processes to ensure maximum FEMA reimbursement. Our pre-planning meeting guarantees that there are no delays in getting St. Pete Beach on the road to recovery.
- 3. Aftermath’s Company-Owned Equipment and Labor Force.** Aftermath maintains a large inventory of owned equipment that is ready-to-use the minute an event occurs. This equipment includes our land-based self-loading trucks that have a 160+ CY capacity and skid steers for each truck. These large capacity trucks with trailers can remove debris faster and with more efficiency than smaller units, ensuring St. Pete Beach receives the fastest debris removal process possible. In addition to this equipment, our team of experienced employees are trained on our quality-focused approach, and because they are full-time employees, they are adept at debris removal operations, which allows for quick-response capability to support St. Pete Beach.

1,000,000+ Cubic Yards of Debris Removed with Aftermath's own labor force

100% Contracts finished at or below budget and on schedule

Why Aftermath for St. Pete Beach

In addition to our approach, St. Pete Beach will benefit from choosing Aftermath due to:

- **Rapid Response.** Because St. Pete Beach would hold a pre-event contract, our owned assets would be dedicated to your service. This means that at least ten 160+ CY trucks and trailers could be immediately mobilized in less than twenty-four hours.
- **Reliable Expertise.** From the owners to our staff on the ground, our hands-on approach ensures that St. Pete Beach always has an expert who can provide you personalized attention and industry expertise.
- **Proven History.** Since its founding, Aftermath has worked on projects large and small. Our results speak for themselves: to date, we have removed over 1,000,000 cubic yards of debris entirely with our own labor force (not subcontractors).
- **Demonstrated Performance.** Our approach to projects works: 100% of Aftermath's contracts have been finished at or below budget and within schedule, and we have a litigation-free history.

From our company-owned equipment to our FEMA-certified experts to our organized approach and communication style, St. Pete Beach can trust that with Aftermath, you receive a partner who can get the job done right when you need it most. When an event occurs, we will be here, ready to serve you to help your community recover.

"Please thank your team for the professionalism they showed while working on our property. It is rare that I have a team working on our property and I do not receive some sort of negative comment from a resident, i.e. trash left behind, loud music, bad language, or something. Your men were professional and respected our residents as well as our property."

Clarice C., CAM
Tropicana Co-Op, Inc.



Tab 1: Bid Submittal

II. CONTRACTOR'S BID SUBMITTAL

The company that is submitting a bid declares that it has extensive experience in disaster debris collection and removal.

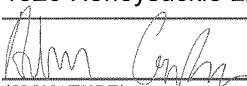
The undersigned, as Bidder, hereby declares that the only person or persons interested in the Bid as principal or principals are named herein, and that no other person than herein mentioned has any interest in the Bid or in the Agreement to be entered into; that this Bid or Agreement is made without connection with any other person, company, or parties making a Bid; and that it is in all respects fair and in good faith without collusion or fraud.

The Bidder further declares that they have examined the site of the work and informed themselves fully in regard to all conditions pertaining to the place where the work is to be done; that they have examined the Plans and Specifications for the work and Contract Documents relative thereto, and has read all special provisions furnished prior to the opening of bids; and that they have satisfied themselves relative to the materials to be supplied and work to be performed.

The Bidder proposes and agrees, if the Bid is accepted, to contract with the City of St. Pete Beach, Florida, in the form of an Agreement specified for "**Disaster Debris Collection & Removal**" in St. Pete Beach, Florida, in full and complete accordance with the shown, noted, described, and reasonably intended requirements of the Plans, Specifications, and Contract Documents, to the full and entire satisfaction of the City of St. Pete Beach, Florida.

The successful bidder shall be required to utilize the template Agreement in this Request for Bids (RFB) and any questions regarding the Agreement must be addressed during the RFB process before submittal. The City reserves the right to respond or not respond to questions in the form of an addendum.

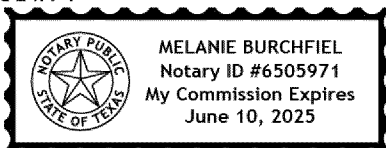
The Bidder proposes to furnish all materials, equipment, labor, and perform the work submitted in their bid schedule for the City of St. Pete Beach "**Disaster Debris Collection & Removal**".

COMPANY: Aftermath Disaster Recovery, Inc. DATE: 2/29/24
ADDRESS: 1826 Honeysuckle Ln, Prosper, TX 75078 PHONE: 972-984-8969
BIDDER:  NAME: Adam Gonzalez, Director of Business Operations
(SIGNATURE) (PRINT NAME & TITLE)

STATE OF ~~FLORIDA~~ Texas
COUNTY OF Collin

The foregoing instrument was sworn to (or affirmed), subscribed, and acknowledged before me by means of ☐ physical presence or ☒ online notarization, this 27th day of February, 2024, by Adam Gonzalez, who is personally known to me or has produced VA Drivers License as identification.

(SEAL)



 Digitally signed by Melanie Burchfiel
Date: 2024.02.27 14:13:37 -06'00'
Notary Public – State of Florida Texas
Melanie Burchfiel
(Print, Type, Stamp, or Commissioned
Name of Notary Public)

SUBMIT BID SCHEDULE WITH SUBMITTAL TO:
OFFICE OF THE CITY CLERK, CITY OF ST. PETE BEACH
155 COREY AVENUE, ST. PETE BEACH, FLORIDA 33706

Disaster Debris Collection & Removal

MOBILIZATION	Lump Sum Total
	\$0.00

DEBRIS CLEARANCE	Estimated Quantity	Unit	Rate	Total (Units x Rate)
Additional General Labor	120	Hr	\$50.00	\$6,000.00
General Management	35	Hr	\$95.00	\$3,325.00
1. Wheel Loader with operator , 2.5 CY 2. Foreman with support vehicle and small equipment. 3. Laborer with chainsaw 4. Laborers with small tools (2)	200	Hr	\$385.00	\$77,000.00
TOTAL-DEBRIS CLEARANCE				\$86,325.00

VEGETATIVE COLLECT AND HAUL	Estimated Quantity	Unit	Rate	Total (Units x Rate)
0-15 miles vegetative from right-of-way (ROW) to TDSRS	20,000	CY	\$6.90	\$138,000.00
16-30 miles vegetative from ROW to TDSRS	20,000	CY	\$6.90	\$138,000.00
31-60 miles vegetative from ROW to TDSRS	20,000	CY	\$6.90	\$138,000.00
60+ miles vegetative from ROW to TDSRS	20,000	CY	\$6.90	\$138,000.00
TOTAL-VEGETATIVE COLLECT and HAUL				\$552,000.00

MANAGEMENT AND REDUCTION	Estimated Quantity	Unit	Rate	Total (Units x Rate)
Grinding	20,000	CY	\$3.75	\$75,000
Compacting	20,000	CY	\$2.50	\$50,000
TOTAL-MANAGEMENT and REDUCTION				\$125,000

C & D (Construction and Demolition Debris) COLLECT AND HAUL	Estimated Quantity	Unit	Rate	Total (Units x Rate)
0-15 miles C&D from ROW to TDSRS	20,000	CY	\$6.90	\$138,000.00
16-30 miles C&D from ROW to TDSRS	20,000	CY	\$6.90	\$138,000.00
31-60 miles C&D from ROW to TDSRS	20,000	CY	\$6.90	\$138,000.00
60+ miles C&D from ROW to TDSRS	20,000	CY	\$6.90	\$138,000.00
TOTAL-C & D COLLECT and HAUL				\$552,000.00

FINAL DISPOSAL	Estimated Quantity	Unit	Rate	Total (Units x Rate)
0-15 miles from TDSRS to Final Disposal	15,000	CY	\$3.25	\$48,750.00
16-30 miles from TDSRS to Final Disposal	15,000	CY	\$3.75	\$56,250.00
31-60 miles from TDSRS to Final Disposal	15,000	CY	\$4.25	\$63,750.00
60+ miles from TDSRS to Final Disposal	15,000	CY	\$5.40	\$81,000.00
Tipping Fees (vegetative)	15,000	CY	N/A	Passthrough
Tipping Fees (mix)	15,000	CY	N/A	Passthrough

Tipping Fees (C&D)	15,000	CY	N/A	Passthrough
TOTAL- FINAL DISPOSAL				\$249,750.00

TREE OPERATIONS	Estimated Quantity	Unit	Rate	Total (Units x Rate)
Hazardous trees 6" - 12"	50	EA	\$95.00	\$4,750.00
Hazardous Trees 13" - 24"	50	EA	\$125.00	\$6,250.00
Hazardous Trees 25" - 36"	50	EA	\$315.00	\$15,750.00
Hazardous Trees 37" - 48"	50	EA	\$315.00	\$15,750.00
Hazardous Trees 49"<	50	EA	\$315.00	\$15,750.00
Trees with Hazardous Limbs > 2"	50	EA	\$80.00	\$4,000.00
Hazardous Stumps> 24" - 36"	75	EA	\$275.00	\$20,625.00
Hazardous Stumps> 37" - 48"	30	EA	\$275.00	\$8,250.00
Hazardous Stumps > 49"	20	EA	\$400.00	\$8,000.00
Stump Grinding > 24" - 36"	75	EA	\$108.00	\$8,100.00
Stump Grinding > 37" - 48"	30	EA	\$144.00	\$4,320.00
Stump Grinding > 49" +	20	EA	\$210.00	\$4,200.00
Stump Fill Dirt	50	CY	\$65.00	\$3,250.00
TOTAL-TREE OPERATIONS				\$118,995.00

SPECIALTY REMOVAL	Estimated Quantity	Unit	Rate	Total (Units x Rate)
Waterway Debris Removal (canals, rivers, creeks, streams, ditches)	10,000	CY	\$75.00	\$750,000.00
Sand Collection and Screening (pick up, screen, return debris laden sand/mud/dirt/rock)	5,000	CY	\$20.00	\$100,000.00
Vehicle Removal	10	EA	\$395.00	\$3,950.00
Vessel Removal (from land)	5	LF	\$80	\$400
Vessel Removal (marine)	5	LF	\$80	\$400
Carcass Removal (decomposable debris - animals and organic fleshv matter)	200	LB	\$8.00	\$1,600.00
ROW White Goods Removal	100	EA	\$50.00	\$5,000.00
Freon Management	50	EA	\$45.00	\$2,250.00
Electronic Waste (containing hazardous materials such as cathode ray tubes, including computers, monitors and televisions)	750	LB	\$30.00	\$22,500.00
Biowaste (waste capable of causing infection to humans - animal waste, human blood, pathological waste)	200	LB	\$8.00	\$1,600.00
Household Hazardous Waste (HHW)	200	LB	\$8.00	\$1,600.00
TOTAL-SPECIALTY REMOVAL				\$889,300.00

TOTALS WORKSHEET:	
Mobilization	\$0.00
Debris Clearance	\$86,325.00
Vegetative Collect & Haul	\$552,000.00
Management and Reduction	\$125,000
C & D Collect & Haul	\$552,000.00
Final Disposal	\$249,750.00
Tree Operations	\$118,995.00
Specialty Removal	\$889,300.00
TOTAL COST	\$1,684,070.00

The above **quantities** are not intended to **represent** the actual contract amount but are an estimated amount for a 3-year **performance period**. These numbers will be used for low **bid selection** purposes and accepted unit rates will be **incorporated** into the **resulting** contract.

Contractor Name **Aftermath Disaster Recovery, Inc.**_____

Bidder Name/Title **Adam Gonzalez, Director of Business Operations**_____

Bidder Signature _____

Date **2/27/24**_____

Comments regarding base bid:

None

X. PUBLIC ENTITY CRIMINAL AFFIDAVIT

SWORN STATEMENT – PUBLIC ENTITY CRIMES

PURSUANT TO SECTION 287.133(3)(a), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THE FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to: City of St. Pete Beach

by: Adam Gonzalez, Director of Business Operations
(Print individual's name and title)

for: Aftermath Disaster Recovery, Inc.
(Print name of entity submitting sworn statement)

at: 1826 Honeysuckle Ln., Prosper, TX 75078
(Business address)

and (if applicable), its Federal Employer Identification Number (FEIN):

46-3248226
(FEIN)

or, if the entity has no FEIN, include the Social Security Number:

(SSN)

by the individual signing this sworn statement:


(Signature)

2. I understand that a "public entity crime" as defined in Section 287.133 (1)(g), Fla. Stat., means a violation of any State or Federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States including, but not limited to, any bid or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
2. I understand that "convicted" or "conviction" as defined in Section 287.133 (1)(b), Fla. Stat., means a finding of guilt or a conviction of public entity crime with or without an adjudication of guilt in any Federal or State trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Section 287.133 (1)(a), Fla. Stat. s, means:
- a. A predecessor or successor of a person convicted of a public entity crime or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one (1) person of shares constituting a controlling interest in another person or a pooling of equipment or income among persons when not for fair market value under the Arm's Length Agreement, shall be a prima facie case that one (1) person controls another person. A

person who knowingly enters into a joint venture with a person who has been convicted of a public crime in Florida during the preceding thirty-six (36) months shall be considered an affiliate.

5. I understand that a "person" as defined in Section 287.133 (1)(e), Fla. Stat., means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the **statement which I have marked below is true** in relation to the entity submitting this sworn statement (indicate which statement applies).

☒ Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ The entity submitting this sworn statement or one (1) or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

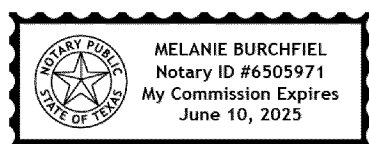
☐ The entity submitting this sworn statement or one (1) or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Office of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICE FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 ABOVE IS FOR THE PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLA. STAT., FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

STATE OF ~~FLORIDA~~ Texas
COUNTY OF Collin

The foregoing instrument was sworn to (or affirmed), subscribed, and acknowledged before me by means of ☐ physical presence or ☒ online notarization, this 27th day of February 2024, ~~2020~~, by Adam Gonzalez, who is personally known to me or has produced VA Drivers License as identification.

(SEAL)



Melanie Burchfiel Digitally signed by Melanie Burchfiel
Date: 2024.02.27 14:14:55 -06'00'

Notary Public – State of ~~Florida~~ Texas

Melanie Burchfiel
(Print, Type, Stamp, or Commissioned
Name of Notary Public)

XI. NON-COLLUSION AFFADAVIT

STATE OF Texas
COUNTY OF Collin

I state that I Adam Gonzalez of Aftermath Disaster Recovery, Inc.,
(Name and Title) (Name of Firm)

am authorized to make this affidavit on behalf of my firm and its owner, directors and officers. I am the person responsible in my firm for the price(s) and amount(s) of this Response, and the preparation of the Response. I state that:

1. The price(s) and amount(s) of this Response have been arrived at independently and without consultation, communication or agreement with any other Provider, potential provider, Proposal, or potential Proposal.
2. Neither the price(s) nor the amount(s) of this Response, and neither the approximate price(s) nor approximate amount(s) of this Response, have been disclosed to any other firm or person who is a Provider, potential Provider, Proposal, or potential Proposal, and they will not be disclosed before Proposal opening.
3. No attempt has been made or will be made to induce any firm or persons to refrain from submitting a Response for this contract, or to submit a price(s) higher than the prices in this Response, or to submit any intentionally high or noncompetitive price(s) or other form of complementary Response.
4. The Response of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive Response.
5. Aftermath Disaster Recovery, Inc., its affiliates, subsidiaries, officers, director, and employees (Name of Firm) are not currently under investigation, by any governmental agency and have not in the last three years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to Proposal, on any public contract, except as follows:

I state that I and the named firm understand and acknowledge that the above representations are material and important, and will be relied on by the State of Florida for which this Response is submitted. I understand and my firm understands that any misstatement in this affidavit is, and shall be treated as, fraudulent concealment from the State of Florida of the true facts relating to the submission of responses for this contract.

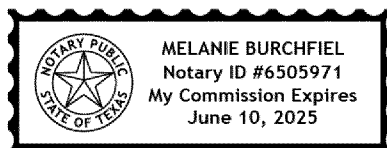
Name of Organization: Aftermath Disaster Recovery, Inc.

Signed By: *Adam Gonzalez*

Print Name: Adam Gonzalez

The foregoing instrument was sworn to (or affirmed), subscribed, and acknowledged before me **by means of** ☐ **physical presence** or ☒ **online notarization**, this 27th day of February, 2024, by Adam Gonzalez, who is personally known to me or has produced VA Drivers License as identification.

(SEAL)



Melanie Burchfiel Digitally signed by Melanie Burchfiel
Date: 2024.02.27 14:15:28 -06'00'
Notary Public – State of ~~Florida~~ Texas

Melanie Burchfiel
(Print, Type, Stamp, or Commissioned
Name of Notary Public)



Tab 2: References

References

Project Experience #1			
<i>Agency</i>	<i>Event</i>	<i>Term</i>	<i>Amount</i>
Lee County, FL	Hurricane Ian	6/26/2023 – 9/30/2023	\$12,800,000.00 160,000 CY
Description of Project: Prime Contractor for NRCS funded cleanup of storm debris by the removal, hauling, and disposal of trees, logs, stumps, brush, tops, blockages, and rubbish generated from waterways, canals, and drainage ditches. Coordinated with all community and project stakeholders.			
Contact Person:		Phil Gillogly	
Contact Phone:		(239) 850-2636	
Contact Email:		pgillogly@leegov.com	

Project Experience #2			
<i>Agency</i>	<i>Event</i>	<i>Term</i>	<i>Amount</i>
Orange County Drainage District, TX	Hurricane Harvey	10/22/2019 – 11/21/2019	\$548,000
Description of Project: Prime Contractor for NRCS funded cleanup of storm debris by the removal, hauling, and disposal of trees, logs, stumps, brush, tops, blockages, rubbish generated from Cow Bayou.			
Contact Person:		Austin Barrow	
Contact Phone:		(409) 745-3225	
Contact Email:		abarrow@orangecountydrrainage.com	

Project Experience #3			
Agency	Event	Term	Amount
Dog Island Conservation District	Hurricane Michael	02/23/2021 - 03/08/2021	\$399,000
Description of Project: Prime contractor for the Dog Island Conservation District's beach debris removal and sea oat planting project. The project was funded by the NOAA and the National Fish and Wildlife Foundation.			
Contact Person:		Dr. William Stone	
Contact Phone:		(850) 933-2342	
Contact Email:		williamstone1048@gmail.com	

Project Experience #4			
Agency	Event	Term	Amount
Brazoria County, Texas	Hurricane Harvey	04/06/2020 – 07/31/2020	\$4,314,248
Description of Project: Prime Contractor for HUD CDBG-DR/TXGLO funded storm debris removal, hauling, reduction, and site management for Oyster Creek Desnagging project. Removed Debris from 46 miles, 74,569 CY.			
Contact Person:		Nancy Friudenberg	
Contact Phone:		(979) 864-1860	
Contact Email:		nancyf@brazoria-county.com	

Project Experience #5			
Agency	Event	Term	Amount
Harris County, TX Flood Control District	Hurricane	02/23/2018 – 11/01/2018	\$3,918,690.00
Description of Project: Prime contractor for the FEMA reimbursed cleanup of storm debris by the removal, hauling, and disposing of trees, logs, stumps, brush, tops, blockages, rubbish generated from Buffalo Bayou and Cyress Creek. Handled permitting, management, and closure of temporary debris reduction sites, reduction of vegetation by grinding, and hauling to final disposal. Cleared 32 miles, resulting in 17,270 tons/120,891 CY.			
Contact Person:		John Watson, Facilities Maintenance Manager	
Contact Phone:		(346) 286-4228	
Contact Email:		john.watson@hcfcd.hctx.net	



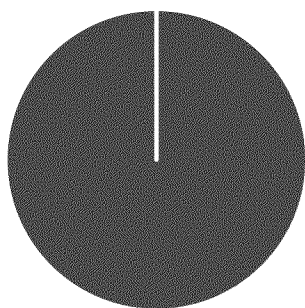
Tab 3: Company History and Capabilities

Company Profile

From our leadership team to our project managers to our team on the ground, every aspect of Aftermath's organization focuses on helping St. Pete Beach to quickly recover after an event. The expertise of our team makes this possible. All project managers are FEMA-certified, as are many of our on-the-ground employees. The company owners are personally involved in every project and are available to you to ensure your needs are met. To maintain the best quality and consistency in our work for St. Pete Beach, we use our own employees to complete your project where possible. All of these factors result in a strong team ready to serve your community the moment disaster strikes.

<i>Our primary address is</i>	<i>Our operation's base is located</i>
1826 Honeysuckle Ln. Prosper, TX 75078.	1095 Willy Vester Ln. Van Alstyne, TX 75495

Ownership of Aftermath Disaster Recovery, Inc.



■ Melanie Corley

Aftermath Disaster Recovery, Inc. was formed as a corporation under the laws of Texas on July 22, 2013.

We are a Texas state-certified HUB contractor that is 100% owned by Melanie Corley, its President.

We have no wholly owned subsidiaries, affiliated companies, joint ventures or strategic alliances with any other companies.

Aftermath has a labor force of twenty-five employees, most of whom travel for our deployments. They are all based in Texas.

The point of contact for this solicitation is

Adam Gonzalez | Director of Business Operations

1826 Honeysuckle Ln.
Prosper, Texas 75078

(972) 984-8969

Adam@AftermathDisaster.com

Qualifications

Aftermath Disaster Recovery understands that St. Pete Beach needs reliable disaster recovery experts to come in and clean up quickly with minimal disruption to your residents and the local environment. Aftermath's experts bring over a decade of experience in cleaning up natural and man-made disasters around the United States, including the devastation caused by Hurricanes Harvey, Irma, Michael, Matthew, Sally, and most recently, Ian.

Our team and equipment are able to provide full-service debris removal for small- and large-scale disaster clean up projects. To date, Aftermath has successfully completed over \$20 million worth of debris removal projects and removed over one million cubic yards of debris with our own forces alone.

While many big disaster recovery firms have an endless list of clients they struggle to support, with Aftermath, St. Pete Beach receives a company that emphasizes:

Aftermath Stats

100%
Women-Owned
HUB
Contractor
Texas
Based Business

- **Certifications for Ground Teams:** The majority of Aftermath's ground teams are individually FEMA-certified, which means the people doing the actual work are always up-to-date on the legal regulations and best practices.
- **Equipment Reliability:** Broken or damaged equipment causes delays, and that's not acceptable. To minimize downtime resulting from equipment failure, Aftermath's Heavy Equipment Manager ensures that every piece of owned equipment is well-maintained. Whenever possible, Aftermath will use our own vehicles and equipment for St. Pete Beach's project. In the event that additional equipment or personnel is needed, Aftermath can call upon its team of trusted external subcontractors to get your job done with the same high quality. (For more about how and when Aftermath would integrate subcontractors into your project, see Subcontractor Management section.)
- **Personalized Service:** Aftermath is big enough to handle clean up projects in excess of \$10 million, yet small enough to provide St. Pete Beach with personalized service from the entire team, including the company's owners and the senior leadership team.
- **Pre-Event Planning:** Prior to each season, Aftermath can meet with St. Pete Beach's team to hold a pre-season planning session. This will allow us to identify any TDSRS locations in advance, develop specific approaches to different sized events, and create a tactical plan that can be implemented the moment disaster

strikes. This planning session allows us to spend more time recovering when an event occurs.

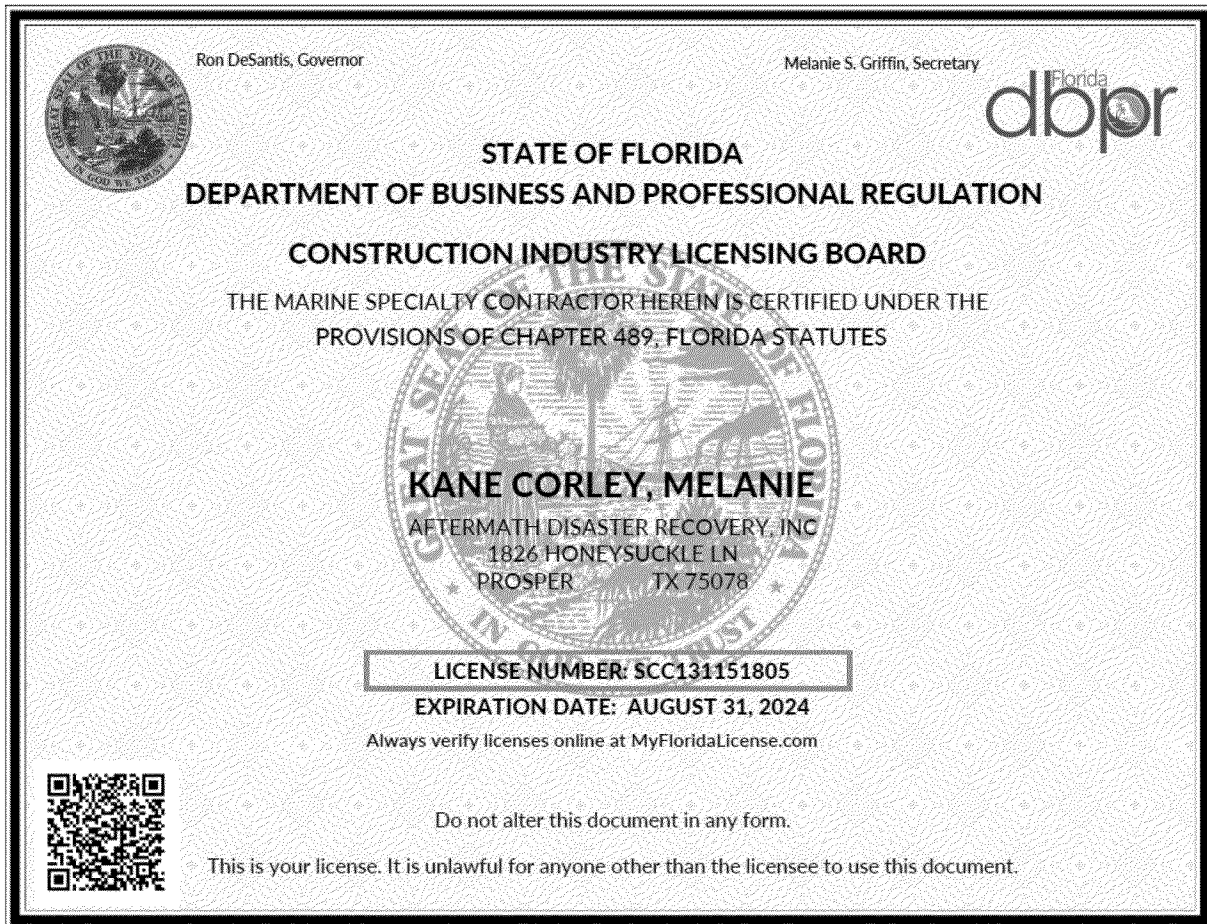
Aftermath is proud to be a 100% women-owned business, a certified HUB contractor in Texas, and a certified specialty marine contractor in Florida.

As a Texas-based company, disaster is not just a job for us. Much of our team lives in Texas, an area frequently hit by storms and severe weather events. Our team has experienced the devastation of natural disasters firsthand and are motivated to go the extra mile so others are able to quickly return to normal. With this contract, our team is ready to serve St. Pete Beach and your community the moment disaster strikes so you can experience the calm after the storm.

“Aftermath Disaster Recovery performed waterway debris removal services for Harris County Flood Control District [in Texas] following historic flooding from Hurricane Harvey. HCFCD was very pleased with their work on a difficult project.”

*Jeff Jowell
Harris County flood Control District*

Florida License



Texas HUB Certificate

Texas Historically Underutilized Business (HUB) Certificate		
	Certificate/VID Number: 1463248226200 File/Vendor Number: 486989 Approval Date: 22-JUL-2020 Scheduled Expiration Date: 22-JUL-2024	
	The Texas Comptroller of Public Accounts (CPA), hereby certifies that AFTERMATH DISASTER RECOVERY, INC.	
	has successfully met the established requirements of the State of Texas Historically Underutilized Business (HUB) Program to be recognized as a HUB. This certificate printed 24-JUL-2020, supersedes any registration and certificate previously issued by the HUB Program. If there are any changes regarding the information (i.e., business structure, ownership, day-to-day management, operational control, business location) provided in the submission of the business' application for registration/certification as a HUB, you must immediately (within 30 days of such changes) notify the HUB Program in writing. The CPA reserves the right to conduct a compliance review at any time to confirm HUB eligibility. HUB certification may be suspended or revoked upon findings of ineligibility.	
	Statewide HUB Program Statewide Procurement Division Note: In order for State agencies and institutions of higher education (universities) to be credited for utilizing this business as a HUB, they must award payment under the Certificate/VID Number identified above. Agencies, universities and prime contractors are encouraged to verify the company's HUB certification prior to issuing a notice of award by accessing the Internet (https://mycpa.cpa.state.tx.us/tpasscmbsearch/index.jsp) or by contacting the HUB Program at 512-463-5872 or toll-free in Texas at 1-888-863-5881. Rev: 06/19	



Tab 4: Experience

Past Experience

Since its founding, Aftermath has supported our clients' recovery from events of all sizes. Our breadth of experience has allowed us to serve our clients on many of the largest disasters in recent history, as evidenced by Aftermath's involvement in the cleanup efforts of every major hurricane since Hurricane Charlie in 2004. From cleaning up after hurricanes to helping communities recover from ice storms, our team is prepared to assist St. Pete Beach after any event.

As you can see from our example projects below, Aftermath's expertise spans many different types of projects. The very nature of this Pre-Event contract implies that we do not know what type of event may hit St. Pete Beach's community. Fortunately for St. Pete Beach, our specialty is listening to your needs, and then using our specific skills and experience to serve you. Because we perform our own work in addition to managing projects, we have hands-on knowledge about how to most effectively execute operations. We strive to serve our clients and help them meet their project goals. For example, if St. Pete Beach is seeking FEMA reimbursement for an event, we have the experience to advise you on how to obtain maximum reimbursement.

Our experience list includes several projects that are similar in size and scope. Our recent work for Lee and Charlotte County demonstrates our ability to work on FEMA and grant-funded projects. We have successfully cleared debris from Florida's land and waterways, ensuring all stakeholders are satisfied with our workmanship and we can reclaim sand to restore your beaches. We can clear all right of ways within the City's jurisdiction in accordance with all requirements put forth by the FDOT. Notice our jobs in bold in the chart below for more specifics on similar projects.

In short, Aftermath's extensive experience working on projects both large and small with a hands-on approach means you can trust that we will be ready to help you recover the minute disaster strikes.

*"Thanks for your efforts! Your crew is fast and efficient.
[The county] should know the canal clean-up is in professional hands."*

*Alan B., President
Avalon Bay Condo Association*

Experience

Agency	ST	Event	Description of project	Start and End Date	Final Project Cost	Project Details	Point of Contact	Phone Number	Email
Lee County	FL	Hurricane Ian	Prime Contractor for NRCS funded cleanup of storm debris by the removal, hauling, and disposal of trees, logs, stumps, brush, tops, blockages, and rubbish generated from waterways, canals, and drainage ditches.	6/26/2023 – 9/30/2023 (expected)	\$12,800,000	160,000CY	Phil Gillogly	(239) 850-2636	pgillogly@leegov.com
Lee County	FL	Hurricane Ian	Prime Contractor for FEMA funded cleanup of storm debris by the removal, hauling, and disposal of trees, logs, stumps, brush, tops, blockages, and rubbish generated from waterways, canals, and drainage ditches.	11/29/2022 – 12/16/2022	\$5,766,108	69,793 CU	Phil Gillogly	(239) 850-2636	pgillogly@leegov.com
Florida Department of Emergency Management SWFL Response LLC	FL	Hurricane Ian	Performed FEMA funded FDEM debris removal project utilizing our barges on tidally impacted waterways in Lee County.	12/2/2022 - 2/26/2023	\$2,446,722	37,642 CY	Joe Cejka	(954) 826-6960	jcejka@ashbritt.com
City of Dallas Arbor Masters	TX	On-Call	Collection of bulk debris from City of Dallas collection sites and hauling to final disposal facility	9/1/2022 - 7/15/2023	\$633,880	N/A	Monique Jackson	(405) 312-1710	mjackson@arbormasters.com
City of Austin Ceres	TX	2023 Ice Storm	Cut, collection, and hauling nearly 100,000 CY of debris consisting of fallen or hazardous trees and limbs from right-of-ways in the City of Austin following ice storm	2/6/2023 - 4/30/2023	\$498,095	99,619 CY	Simon Neuens	(906) 239-7476	
City of Northport Optimal Recovery LLC	FL	Hurricane Ian	Debris removal, hauling, and disposal from city right-of-ways in Northport, Florida	10/6/2022 – 12/3/2022	\$905,965	184,218 CY	Brent Reedy	(352) 206-5541	optimalrecovery@tampabay.rr.com
City of Austin DRC	TX	On-Call	Collection of bulk debris from City of Austin right-of-ways and hauling to final disposal facility	5/1/2022 – 6/26/2022	\$215,829	N/A	Shaun Meek	(469) 628-3390	

St. Pete Beach, FL – RFP Disaster Debris Collection & Removal

Agency	ST	Event	Description of project	Start and End Date	Final Project Cost	Project Details	Point of Contact	Phone Number	Email
Brazoria County	TX	Hurricane Harvey	Prime Contractor for HUD CDBG-DR/TXGLO funded storm debris removal, hauling, reduction, and site management for Oyster Creek Desnagging project.	4/6/2020 - 7/31/2020	\$4,314,248	74,569 CY 46 miles	Clay Forrister	(979) 864-1267	ClayF@brazoria-county.com
Harris County Flood Control District	TX	Hurricane Harvey	Prime contractor for the FEMA reimbursed cleanup of storm debris by the removal, hauling, and disposing of trees, logs, stumps, brush, tops, blockages, rubbish generated from Buffalo Bayou and Cypress Creek. Handled permitting, management, and closure of temporary debris reduction sites, reduction of vegetation by grinding, and hauling to final disposal.	2/23/2018 - 11/1/2018	\$3,918,690	17,270 tons/ 120,891 CY 32 miles	Jeff Jowell	(832) 347-4856	jeff.jowell@hcfcd.org
"Terrebonne Parish DRC"	LA	Hurricane Ida	Right of way debris removal and hauling resulting from Hurricane Ida. Over 200,000CY of debris removed with our fleet of trucks.	9/9/2021 - 4/17/2022	\$1,068,413	213,683 CY	Glen Nelson	504-214-2892	nelsonbros@cox.net
Terrebonne Parish DNR Group	LA	Hurricane Ida	Responsible for collecting, hauling, and disposing of storm-generated vegetative and other debris in waterways of Terrebonne Parish	12/15/2021 – 5/22/2022	\$2,341,543	39,036 CY	Glen Nelson	504-214-2892	nelsonbros@cox.net
Bayou La Fourche DNR Group	LA	Hurricane Ida	Responsible for collecting, hauling, and disposing of storm-generated vegetative and other debris in waterways of Bayou La Fourche and St. Charles Parish	10/25/21 – 3/01/2022	\$619,704	10,328 CY	Glen Nelson	504-214-2892	nelsonbros@cox.net
Northwest Florida Water Management District	FL	various	As a pre-qualified contractor for the District, we have performed various projects ranging from rebuilding roads, delivering road-building materials, and land clearing.	1/1/2021 - 12/31/2021	\$234,621	N/A	Sean Creel	(850) 867-3205	sean.creel@nwfwater.com
New Indy Paper Mill BKW	SC	n/a	Waste extraction and safe disposal of paper mill-generated sludge from nearby detention ponds	6/22/2021 - 7/26/2021	\$1,073,069	N/A	Bill Webb	(865) 207-3494	bill@bkw-inc.com
Orange County Drainage District	TX	"Hurricane Sally"	Prime Contractor for NRCS funded cleanup of storm debris by the removal, hauling, and disposal of trees, logs, stumps, brush, tops, blockages, rubbish generated from waterways.	6/3/2021 – 7/24/2021	\$1,200,000	46,464 LF	Austin Barrow	(409) 745-3225	abarrow@orangecountydrainage.com

St. Pete Beach, FL – RFP Disaster Debris Collection & Removal

Agency	ST	Event	Description of project	Start and End Date	Final Project Cost	Project Details	Point of Contact	Phone Number	Email
Dog Island Conservation District	FL	Hurricane Michael	Prime contractor for the Dog Island Conservation District's beach debris removal and sea oat planting project. The project was funded by the NOAA and the National Fish and Wildlife Foundation.	2/23/2021 - 3/8/2021	\$399,000	2,100 CY	Dr. William Stone	(850) 933-2342	williamstone1048@gmail.com
Oklahoma-various	OK	Early ice storm	Right of way debris removal and hauling in various locations across various Oklahoma towns and counties due to early ice storms.	11/4/2020 - 2/8/2020	\$568,375	113,675 CY	John Longton	(580) 264-6028	greenbeltturf@yahoo.com
Escambia County BKW	FL	Hurricane Sally	Hurricane Sally right of way debris removal and hauling of vegetative and C&D debris from across the county.	10/1/2020-11/30/2020	\$628,006	125,600 CY	Bill Webb	(865) 207-3494	bill@bkw-inc.com
City of Boulder Custom Tree Care	CO	Early ice storm	Right of way debris removal and hauling in various locations across the city due to early ice storms.	9/16/2020 - 11/20/2020	\$385,500	57,746 CY	Jeremy Britton	(256) 749-4886	jbritton@customtreecare.com
Orange County Drainage District	TX	Hurricane Harvey	Prime Contractor for NRCS funded cleanup of storm debris by the removal, hauling, and disposal of trees, logs, stumps, brush, tops, blockages, rubbish generated from Cow Bayou.	10/22/2019 - 11/21/2019	\$548,000	46,464 LF	Austin Barrow	(409) 745-3225	abarrow@orangecountydrainage.com
Orange County Drainage District	TX	Hurricane Harvey	Prime contractor for NRCS funded cleanup of storm debris by the removal of trees, logs, stumps, brush, tops, blockages, rubbish generated from Adams Bayou.	7/22/2019 - 9/12/2019	\$547,400	42,768 LF	Austin Barrow	(409) 745-3225	abarrow@orangecountydrainage.com
Harris County Flood Control District	TX	Hurricane Harvey	Cleanup of storm debris by the removal, hauling, and disposing of trees, logs, stumps, brush, tops, blockages, rubbish generated from Greens Bayou and Spring Creek.	7/21/2019 - 8/22/2019	\$680,000	11,681 CY	Jeff Jowell	(832) 347-4856	jeff.jowell@hcfcd.org
Harris County - Ceres	TX	Tropical Storm Imelda	FEMA reimbursed right of way vegetative and C&D debris removal in Harris County, TX.	9/23/2019 - 10/11/2019	\$248,000	daily rate	Patricia Macey	(281) 729-2305	patricia.macey@ceresenv.com
Northwest Florida Water Management District-Ashbrite	FL	Hurricane Michael	FEMA reimbursed cleanup of storm debris by the removal, hauling, and disposing of trees, logs, stumps, brush, tops, blockages, rubbish generated from the Econfina Creek.	2/24/2019 - 3/29/2019	\$943,116	15,719 CY	Sean Creel	(850) 867-3205	sean.creel@nwfwater.com

Agency	ST	Event	Description of project	Start and End Date	Final Project Cost	Project Details	Point of Contact	Phone Number	Email
Lee County-East Mulloch Drainage District	FL	Hurricane Irma	Prime contractor for the FEMA reimbursed cleanup of storm debris by the removal, hauling, and final disposal of trees, logs, stumps, brush, tops, blockages, rubbish generated from EMDD and Lee County DOT canals. Coordinated with all community and project stakeholders	10/29/2018 - 1/17/2019	\$829,680	27,656 LF	Phil Gillogly	(239) 850-2636	pgillogly@leegov.com
Jackson County-Ceres	FL	Hurricane Michael	FEMA reimbursed right of way vegetative and C&D debris removal from Jackson County, FL.	10/28/2018 - 2/2/2019	\$397,347	66,225 CY	Stanley Bloodworth	(601) 529-4805	stanley.bloodworth@ceresenv.com
City of Katy - Ceres	TX	Hurricane Harvey	FEMA reimbursed right of way vegetative and C&D debris removal from Katy, TX.	8/28/2017 - 10/30/2017	\$36,675	6,620 CY	Stanley Bloodworth	(601) 529-4805	stanley.bloodworth@ceresenv.com
Texas DOT-Harris County Maintenance Division	TX	Hurricane Harvey	Prime contractor for waterborne debris removal, hauling, and final disposal of storm debris from the San Jacinto River.	8/28/2017 - 10/30/2017	\$661,024	14,004 CY	Jimmy Higginson	(713) 448-0517	jimmy.higginson@txdot.gov



Right of Way Work

Aftermath's capabilities are illustrated through the examples below.



Hurricane Harvey Clean-up

Hurricane Harvey caused over \$125 billion dollars' worth of damage in Texas and Louisiana. Aftermath assisted several agencies on multiple projects that resulted in the removal of over 375,000 cubic yards of debris from the area. These projects included pre-operation assessments to determine the best project approach. The key challenges included formulating a plan for efficiently mapping out the affected areas, which were spread over seven counties, to facilitate the efficient removal of debris while maintaining public safety and the safety of our workforce.

Hurricane Sally Clean-up

In 2020, Hurricane Sally caused over \$7.3 billion dollars in damage. Escambia County in Florida called Aftermath to manage the removal of over 240,000 cubic yards of debris. We managed trucks, skid steer crews, and hand labor to complete the recovery efforts in roughly ninety days.

Baton Rouge, LA Floods

Major flooding in Baton Rouge caused massive amounts of vegetation and construction/demolition debris to wash up. Aftermath worked as the primary subcontractor for the recovery effort, which included managing the mapping, zoning, distribution, and record-keeping. This also included coordinating over 100 trucks and crews to assist in removing over 750,000 cubic yards of debris across the city.

Waterway Client Summaries



Beaufort County, SC

Aftermath performed Hurricane Matthew debris removal from beaches and marshland around Dataw, St. Helena Islands, and the surrounding areas. Aftermath used shallow draft barges, amphibious excavators, and amphibious transport machines to access and remove the debris from difficult to reach locations. Aftermath collected and gathered the debris onto transport barges using our amphibious equipment, and then brought it to a more water-accessible location. From there, our barges transported the debris to an offload site where the loader trucks offloaded the material from the barges and hauled it to final disposal. Over 20,000 cubic yards of debris was removed from the beaches and marshland during this project.

Edin B. Forsyth National Wildlife Refuge, New Jersey

After Hurricane Sandy, the Edwin B Forsythe National Wildlife Refuge in New Jersey presented a particularly sensitive set of challenges for removing debris. Due to the delicate environment of this 40,000 acre wildlife refuge, Aftermath often relied on removing debris by hand rather than machine excavating. This project required removing debris as small as a few inches to as big as entire houses that were swept away in the floods. Seventy people hand-loaded debris into one-ton bags, which was then loaded onto airboats to be carried to transport sleds that Aftermath custom-designed for wetlands. Amphibious equipment transported the sleds to a staging area where the material was then transferred to barges, which ultimately carried the debris to an offload site for loader trucks to offload and transport to final disposal.

Maurice River, Delaware Bay, NJ

In this project, Aftermath was called in to facilitate debris removal from many water bodies after the devastation from Hurricane Sandy. This project involved cleanup from Tuckerton, NJ at Great Bay to the Delaware River and included beaches such as:

- Atlantic City Beach
- Ventnor City Beach
- Margate City Beach
- Ocean City Boardwalk and Beach
- Sea Isle City Beach
- Avalon, Wildwood, and Cape May beaches

Using sonar machines, the team searched up to 16 feet below the surface to look for debris. These lists of targets were then distributed to barges that removed the targeted debris and transported it to offload sites to be collected by trucks and hauled to final disposal.

Services and Support

When a disaster strikes in your backyard, St. Pete Beach can rely on Aftermath to help you quickly and efficiently recover. We manage all aspects of clean up and debris removal, which allows you to focus on other aspects of the restoration and day-to-day operation of your community. Over the past seven years, Aftermath has helped our clients from Colorado to New Jersey and along the Gulf and Atlantic coasts recover from events such as tornadoes, hurricanes, major storms, flooding, and ice storms. We have supported our clients after large events, such as Hurricane Harvey, and lesser-known disasters, such as straight-line wind events.

With our extensive experience in natural disaster clean up projects, we know what needs to be done and can create your custom clean up plan quickly and with as minimal impact to your citizens and community as possible.

Our services include:

- **24-Hour Emergency Push Crews.** Immediately following an event, it is critical to clear rights-of-way for emergency workers and to make roads navigable. With our emergency push crews, we clear all roads within 72 hours.



Debris removal from Oyster Creek

- **Disaster Clean Up.** Disaster clean up allows communities to get on the path to recovery as soon as possible. From site preparation to demolition to construction to hazardous waste removal, we have the equipment and expertise to get the job done.
- **Debris Removal.** We help remove and dispose of all types of debris, from trees to sand to clearing land.
- **Waterway Debris Removal.** When debris is pushed into waterways, such as canals, marshes, bays, and the ocean, we quickly and delicately remove those objects to cause as little impact as possible on the ecosystems.
- **Coastal Restoration.** Stunning shorelines and beaches can be devastated within hours of an event. We help to reclaim these spaces with services such as Oil Spill Clean up, Beach Replenishment, Wetlands Restoration, and **Beach Sand Screening & Replacement.**

St. Pete Beach can rely on Aftermath's support no matter how large or small the disaster. Our hands-on leadership team will be available to you to identify the best path forward for your community, getting you back to everyday life as quickly as possible.

"I would recommend Aftermath's services to anyone enthusiastically. Obie and his men were excellent, polite, and neat.

*-Dr. William Stone
Dog Island Conservation District*



Tab 5: Litigation and Statement of Assurance

Litigation History

Aftermath Disaster Recovery, Inc. has no current pending litigation; no pending civil, criminal or administrative proceedings pending against it at this time.

Aftermath Disaster Recovery has no outstanding judgements or liens affecting it.

Aftermath Disaster Recovery has never had any judgement entered against it for any federal, state, or local court, and no criminal conviction or proceeding ever issued against the company or its owner or principals.

Aftermath Disaster Recovery, Inc. nor any employee thereof has been a defendant in any proceeding involving or arising out of debris removal services within the past five years.

Summary

- No litigation
- No pending proceedings
- No outstanding judgements or liens
- No criminal conviction ever issued

Statement of assurance

Aftermath is not presently in violation of any statutes or regulatory rules that might have an impact on the firm's operations. All applicable laws and regulations of the State of Florida and ordinances and regulations of the City of St. Pete Beach will apply.

Bonding Capacity



Amerisure Mutual Insurance Company
Amerisure Insurance Company
Amerisure Partners Insurance Company
P.O. Box 9098
Farmington Hills, MI 48333-9098

November 1, 2023

Aftermath Disaster Recovery, Inc
1826 Honeysuckle Ln
Prosper, TX 75078

To Whom It May Concern,

The purpose of this letter is to confirm that Aftermath Disaster Recovery, Inc is a valued surety customer of Amerisure Surety (Amerisure). Amerisure is on the Department of Treasury's Registry Listing of Approved Sureties (Circular 570) and rated by AM Best, A (Excellent-Financial Size Category XII). Amerisure has enjoyed a strong relationship and has the utmost confidence in the management team at Aftermath Disaster Recovery, Inc. At the present time we would favorably consider extending surety support on individual projects up to \$15,000,000 and \$30,000,000 on an aggregate work program.

We understand that you are considering Aftermath Disaster Recovery, Inc for future projects. Contingent upon favorable review of contract documents, financing information and other pertinent underwriting information at the time bonds are required, it would be our intention to provide such bonds.

You understand, of course, that our consideration and issuance of bonds is a matter solely between Aftermath Disaster Recovery, Inc and ourselves, and will be subject to our standard underwriting at the time of the request. We assume no liability to you, nor any other third party, should we decide not to issue said bonds. This letter is not an assumption of liability, nor is it a bid, performance or payment bond. It is issued only as a bonding reference requested from us by our client.

If we can provide further information, please let us know.

Sincerely,

A handwritten signature in black ink, appearing to read "Adam Stahle".

Adam Stahle
Branch Manager
Amerisure Surety

cc: Bob Kollsmith

Sample Insurance Certificate

ACORD®		CERTIFICATE OF LIABILITY INSURANCE		DATE (MM/DD/YYYY) 11/10/2022		
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.						
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).						
PRODUCER TrueNorth Companies, L.C. 500 1st St SE Cedar Rapids IA 52401			CONTACT NAME: RM Home Office PHONE: 319-366-2723 FAX: 877-810-6374 E-MAIL: certs@truenorthcompanies.com ADDRESS: certs@truenorthcompanies.com			
INSURED Aftermath Disaster Recovery, Inc. 1826 Honeysuckle LN Prosper TX 75078			AFTERDIS-01			
			INSURER(S) AFFORDING COVERAGE		NAIC #	
			INSURER A: Great American Insurance Company of New York		22136	
			INSURER B: Westchester Surplus Lines Insurance Company		10172	
			INSURER C: Safe Harbor Insurance Company		12563	
			INSURER D: American Interstate Insurance Company		31885	
			INSURER E: Great American Insurance Company		16891	
			INSURER F:			
COVERAGES CERTIFICATE NUMBER: 901458297 REVISION NUMBER:						
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.						
LINE	TYPE OF INSURANCE	ADDL. INSURER (INS. WVD)	POLICY NUMBER	POLICY EFF. (MM/DD/YYYY)	POLICY EXP. (MM/DD/YYYY)	LIMITS
E	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PROJECT ☐ LOC OTHER:	Y	OMH4016531	9/27/2022	9/27/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COM/OP AGG \$ 2,000,000 \$
E	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY		CAP2062233	9/27/2022	9/27/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
E	☒ UMBRELLA LIAB ☒ EXCESS LIAB ☒ OCCUR CLAIMS-MADE DED ☒ RETENTION \$ 10,000		OMH4016533	9/27/2022	9/27/2023	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
D	WORKERS COMPENSATION AND EMPLOYER'S LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N ☒ Y ☐ N/A	AVWCLA3125062022	9/27/2022	9/27/2023	☒ PER STATUTE ☐ OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Contractor's Pollution		G7D916553004	9/27/2022	9/27/2024	Limit/Ded 1,000,000/5,000
A	Rented Equipment		OMH4016532	9/27/2022	9/27/2023	Limit/Ded 150,000/1,000
C	Vessel Pollution		V1415122	9/27/2022	9/27/2023	Limit/Ded 5,000,000/0
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) If Yes is indicated above for add'l insd form Gen Liab GAI2391 (GAI2604 for Rented Equipment) and Auto CA8376 applies. If Yes is indicated above for waiver of subrogation forms Gen Liab GAI2392, Auto CA0444, and WC WC000313 04/84 applies. Coverage is extended for work performed and required under written contract with the above named insured. Excess/Umbrella liability extends over the Marine Commercial Liability, Protection & Indemnity, Automobile Liability and Workers Compensation Employer's Liability. Lee County, a political subdivision and Charter County of the State of Florida, its agents, employees, and public officials are named as additional insured on the General Liability policy on a primary basis. Cancellation provisions applies to GL, Auto, Umbrella & Work Comp policies - 30 days except 10 days for nonpayment.						
CERTIFICATE HOLDER			CANCELLATION			
Lee County Board of Commissioners PO Box 398 Fort Myers FL 33902			SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.			
			AUTHORIZED REPRESENTATIVE 			

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ACORD 25 (2016/03)

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Tab 6: Personnel and Equipment

VI. EQUIPMENT & PERSONNEL

List all personnel and equipment to be used to provide the services necessary. The proposer must indicate whether equipment is owned, leased, or sub-contracted.

The bidder expressly agrees that:

If awarded a contract as a result of this solicitation, the equipment and personnel used in the prosecution of the work will be those listed below.

Loading Equipment	Owned/Leased/ Subcontracted	Hauling Equipment	Owned/Leased/ Subcontracted
2022 PETE 567	owned	2006 Sterling TR	owned
2022 PETE 567	owned	1997 PETE TR	owned
2022 PETE 567	owned	2001 TR INTL	owned
2022 PETE 567	owned	1987 TOWN FB	owned
2007 FRGHT	owned	1992 FRUE FB	owned
2002 Sterling	owned	1998 RDIH FB	owned
2994 KW W900	owned	2000 Vern	owned
1987 KW TR	owned	2003 HMDE	owned
see chart on next page	owned	1993 TARA FB	owned

Name	Title	Mailing Address	Primary Phone Number	Email Address
Melanie Corley	President	1826 Honeysuckle Ln., Prosper, TX 75078	(972) 567-1489	mkcory@aftermathdisaster.com
Obie Corley	Vice-President	1826 Honeysuckle Ln., Prosper, TX 75078	(972) 567-1489	obie@aftermathdisaster.com
Adam Gonzalez	Director of Business Operations		(972) 984-8969	Adam@aftermathdisaster.com
Reese Corley	Project Manager	1826 Honeysuckle Ln., Prosper, TX 75078	(972) 567-1489	Reese@aftermathdisaster.com
Jackson Corley	Project Manager	1826 Honeysuckle Ln., Prosper, TX 75078	(972) 567-1489	Jackson@aftermathdisaster.com

Add additional sheets as necessary to list all personnel and equipment

See below for Personnel Qualifications and Resumes

Vehicles and Equipment

Aftermath Disaster owns a fleet of ten self-loading, debris-hauling truck and trailer combination units that have approximately 170 cubic yard capacity per unit. All of our equipment is well-maintained in order to minimize breakdowns. We have staff mechanics on our maintenance crew who are always on hand in case a mechanical failure occurs which further reduces down time. Our mobile service trucks are equipped to handle anything but the most major of breakdowns.

Additionally, because we have been in the disaster recovery business for over a decade, we have relationships with a plethora of storm debris contractors—from organizations with fleets to the one-man owner-operator. We can draw on our substantial subcontractor registry to mobilize as many units as the City of St. Pete Beach may require.



Owned Equipment List

Year	Make	Model	Description	VIN#/Company ID #	Asset Class
2022	PETE	567	Truck, loader	1NPCL40XXND775649	VEHICLE
2022	PETE	567	Truck, loader	1NPCL40XXND775650	VEHICLE
2022	PETE	567	Truck, loader	1NPCL40XXND775651	VEHICLE

St. Pete Beach, FL – RFP Disaster Debris Collection & Removal

Year	Make	Model	Description	VIN#/Company ID #	Asset Class
2022	PETE	567	Truck, loader	1NPCL40XXND775652	VEHICLE
2007	FRGHT	TR	Truck, loader	1FVMC5DE27HY25596	VEHICLE
2002	Sterling	LT	Truck, loader	2FZHAZA892AJ63622	VEHICLE
1987	KW	TR	Truck, loader	1XKWDB9X4HS340685	VEHICLE
1994	KW	W900	Truck, loader	1XDDB9XXRJ621484	VEHICLE
1995	Ford	TR	Truck, loader	1FDZY90T8SVA08301	VEHICLE
1992	WSTR	TR	Truck, loader	2WLPCCH1NK930453	VEHICLE
1986	FRGHT	TR	Truck, loader	1FUPYSYBOGH275039	VEHICLE
1994	KW	T800	Truck, loader	1XKDDB9XXRJ621484	VEHICLE
2006	Sterling	TR	Truck, haul	2FWJA3AV26AU51554	VEHICLE
1997	PETE	TR	Truck, haul	1XP5DB9X3VN431334	VEHICLE
2001	INTL	TR	Truck, tool	1HTSCAAM91H376645	VEHICLE
1991	Ford	F700	Truck, pickup	1FDNK74PXMVA36377	VEHICLE
2007	Chev	2500HD	Truck, pickup	1GCHK23637F501674	VEHICLE
2019	Ford	F250	Truck, pickup	1FT7W2BT3KEE40607	VEHICLE
2019	Chev	Suburban	Truck, SUV	1GNSKHKC4KR186883	VEHICLE
1982	Transcraft	TR	Trailer	TC16976	TRAILER
1984	Grai	DP	Trailer	G8418078	TRAILER
2006	Transcraft	FB	Trailer	1TTE5320761079356	TRAILER
2006	Transcraft	FB	Trailer	1TTE5320361079354	TRAILER
1999	KIDR	VN	Trailer, enclosed	1K9132811X2054014	TRAILER
1987	Town	FB	Trailer, flatbed	2237	TRAILER
1992	Frue	FB	Trailer, flatbed	1H2P05029NW038402	TRAILER
1998	RDIH	FB	Trailer, flatbed	47SF252T8W1013601	TRAILER
2000	Vern	FB	Trailer, flatbed	5B7291866Y000368	TRAILER
2003	Hmde	FB	Trailer, flatbed	MS15TL00X00009056	TRAILER
1993	TARA	FB	Trailer, flatbed	1T9EA4881P1204398	TRAILER
2000	BTEX	UT	Trailer, gooseneck	4K8GX2624Y1361276	TRAILER
2002	GENR	FB	Trailer, loader	112H8V329YL056277	TRAILER
2004	Load	UT	Trailer, loader	4ZECF182741168639	TRAILER
2020	Braz	LB	Trailer, lowboy	4B9BKLT37LH054725	TRAILER
1999	Trai	SD	Trailer, stepdeck	067453	TRAILER
1999	RAVE	FB	Trailer, stepdeck	1R1F44826XK990418	TRAILER
1998	Bels	UT	Trailer, utility	16JF0242W1031911	TRAILER
2000	CM	VN	Trailer, utility	49TCB1018Y1048331	TRAILER
2018	DownToEarth	DTE824D07B	Deckover trailer	5MYDD2425JB061521	TRAILER
2020	Kubota	95	Skid Steer	KBCZ063CPL1G52111	EQUIPMENT
2015	Bobcat	A300	Skid Steer	572315561	EQUIPMENT
2008	Bobcat	A300	Skid Steer	541321755	EQUIPMENT
2007	Bobcat	A300	Skid Steer	539911943	EQUIPMENT
2005	Bobcat	A300	Skid Steer	526411597	EQUIPMENT
2003	Bobcat	A300	Skid Steer	521111459	EQUIPMENT

St. Pete Beach, FL – RFP Disaster Debris Collection & Removal

Year	Make	Model	Description	VIN#/Company ID #	Asset Class
2002	Kobelco	SK250LC	Excavator	LL08-U0520	EQUIPMENT
2013	Morooka	MST3000VD	Tracked dump	A300106	EQUIPMENT
2014	Pans	12x4	Aluminum pans	Childress custom	PANS
2019	CanAm	8MKC	ATV, Defender Max	3JBUCAP48KK001225	VEHICLE
2005	HM	42	Barge	NJZ44968HULL	VESSEL
2005	HM	45	Barge	NJZ44969HULL	VESSEL
2017	HM	40	Barge	TX94056	VESSEL
2015	HM	40	Barge	TX56125	VESSEL
2018	HM	40	Barge	TX45821	VESSEL
2008	Child	Barge	Barge, aluminum deck	TQE01190E808	VESSEL
1979	Panther	15	Airboat	PAP019000079	VESSEL
2006	SilverDollar	21'	Airboat	OK501108G506	VESSEL
2008	HM	45	Vessel	NCZ38635D808	VESSEL
2004	Skiff	24	Boat	EKHA2509J304	VESSEL
2004	Skiff	24	Boat	EKHA3061J221	VESSEL
2004	Skiff	24	Boat	EKHL3496J115	VESSEL
2003	Coam	LT	Travel trailer	1TC2B046233001255	BUNKHOUSE
2012	KYRV	TV	Travel trailer	4YDT28122CD420049	BUNKHOUSE
2019	Starcraft	AutumnRidge	Travel trailer	1SABSOBP0K2BL5092	BUNKHOUSE
2019	Starcraft	AutumnRidge	Travel trailer	1SABSOBP1K2BL5165	BUNKHOUSE
2019	Starcraft	AutumnRidge	Travel trailer	1SABSOBP8K2BL5163	BUNKHOUSE
2017	Morbark	6600	Horizontal grinder		GRINDER
2017	Morbark	6600	Horizontal grinder		GRINDER
2016	Caterpillar	320	with shear		EXCAVATOR
2017	Caterpillar	326	with thumb		EXCAVATOR
2019	John Deere	650	dozer		BULLDOZER



Sample Truck Certification Form and Truck Placard

Qualifications/Company Overview

Our leadership works to ensure all tasks are skillfully performed to the highest professional standards. Aftermath's commitment to effective communication, strong leadership, and a sense of responsibility to the community results in a completed project that exceeds expectations. Our goal is ensure that our clients are happy and satisfied with our work. We want to serve you so you can get back to serving the St. Pete Beach community.

Meet our team

Melanie Corley, **President and 100% owner**

Melanie Corley has extensive experience in serving the needs and issues inherent in disaster recovery and remediation. She actively develops unique strategies to respond to and provide unmatched service to our clients. Her effective communication lays the groundwork necessary to ensure goals are met and clearly defined for a well-working partnership, and she has developed strong relationships with local partners in the clean-up efforts.

She holds both a Juris Doctorate and a Bachelor of Business Administration from the University of Texas at Austin. Melanie is certified by the NIMS Emergency Management Institute ICS 0100, ICS 0200.

Obie Corley, **Vice President**

Obie Corley is one of the foremost experts in all phases of disaster recovery operations including removal, reduction, recycling, disposal, and restoration. He knows how to quickly mobilize a team and manage multi-site recovery contracts while still maintaining a personal interest in each project.

Obie has a fundamental understanding of environmental and economic recovery and can restore sites under strict compliance and awareness of FEMA, DOT, OSHA and other agency standards. He is certified by the NIMS Emergency Management Institute ICS 0100, ICS 0200.

Katie Halvorson, **Office Administrator**

Katie Halvorson is a contract administrator whose attention to detail keeps projects' documentation requirements in compliance to ensure maximum FEMA reimbursement. Her superior communication enables all stakeholders to be well-informed and equipped with their requirements. Ms. Halvorson is certified by the NIMS Emergency Management Institute ICS 0100, ICS 0200.

Rock Malone, **Senior Project Manager**

With 30 years of experience in disaster relief recovery, Rock has amassed an extensive background in high-level management, disaster response, and excellent communication

skills. Recent projects of note include managing land-based debris for removal operations in Jackson County, Florida, and water-based debris removal from Buffalo Bayou in Houston following Hurricane Harvey.

Damian Sazama, Project Manager

With his background in the US Navy, Damian has a unique perspective and is very service-oriented to provide above and beyond service for Aftermath clients. He's been in the disaster recovery industry for five years and recently managed the 2018 Lee County waterway debris removal project.

Phillip Riippa, Heavy Equipment Manager

With 40 years of experience as an operator and mechanic, Phillip was one of the original employees at Aftermath and now oversees our heavy equipment division. His expertise in diagnosing equipment issues helps us keep equipment downtime to a minimum while also minimizing any negative environmental impacts.

Adam Gonzalez, Director of Business Operations

Adam works to create and implement systems that ensure smooth and efficient operations inside of the company, as well as establish relationships that enable our team to work at maximum effectiveness in concert with all stakeholders. Adam is certified by the NIMS Emergency Management Institute ICS 0100.

Reese Corley, Project Manager

Reese's leadership ability and communication skills are an asset to our team and our clients. His tenacity and perseverance translate to excellent problem solving skills and a determination to not quit until each job is done right. His energy and drive helps us meet deadlines and overcome all obstacles.

Jackson Corley, Project Manager

Jackson Corley is a talented and capable manager. His technical and strategic skills provide effective solutions to project challenges. As a Project Manager, his duties include, but are not limited to, finalizing and implementing the project approach, managing equipment deployment and maintenance, overseeing TDSRS management, ensuring safety of employees, and coordinating with stakeholders. Jackson's leadership abilities and quick thinking combine to make him a valuable contribution to our team.

Debris Removal Team Members

In addition to our Principles and team members listed with their biography summaries, our on-the-ground team consists of the following Aftermath personnel.

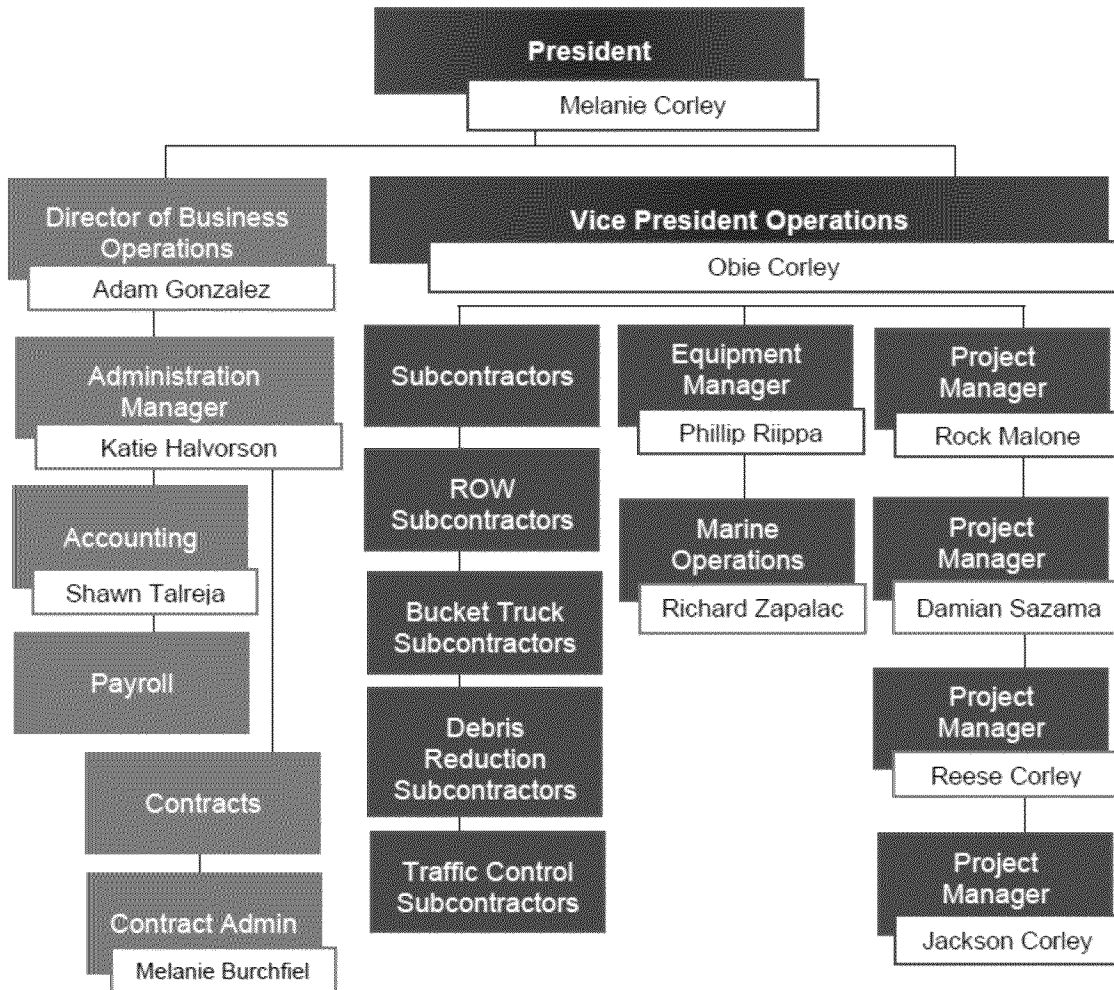
Vance Butler	Joseph Ducote	Austin Ross
Jackson Corley	Josh “JD” Ducote	Blain Rushing
Obie Corley	John “JJ” Goudey	Steven Seidmeyer
Reese Corley	Joshua Grato	Arlan Teeters
Randy Corley	Brandon Jones	Adan Vela
Chris Daniels	Dave Mittlestadt	Javier Vielmas
Eddie Daniels	Eric Moore	Michael Wascom
David Di Pietro JR	Daylon Nichols	Brent Willey
David DiPietro Sr.		

Our Response Team

Through all the phases of a project, Aftermath will coordinate closely with St. Pete Beach and the community to ensure all tasks are performed with skill and to the highest professional standards. From the beginning of the project, you will work with our owners and can expect good communication, strong leadership, and a sense of responsibility to St. Pete Beach. We want to serve you so that you can get back to serving your community.

Contact Name	Title	Phone Number	Email
Obie Corley	Vice President	972-567-1491	obie@aftermathdisaster.com
Damian Sazama	Project Manager	239-272-0555	damian@aftermathdisaster.com
Adam Gonzalez	Director of Business Operations	972-984-8969	adam@aftermathdisaster.com
Melanie Corley	President	972-567-1489	mkcorley@aftermathdisaster.com

Organizational Chart



Disaster Recovery Experience

President | Aftermath Disaster Recovery | From 2013-Present

Role has involved serving as a liaison to clients, providing logistics coordination with field operations, contract negotiations, preparation of proposals, subcontractor coordination, and managing back-office activities including accounts payable, accounts receivable, reporting and human resources.

2019 - Present	Orange County Drainage District- Adams Bayou waterway debris removal
	Spring Creek and Greens Bayou waterway debris removal
	Harris County ROW debris removal from TS Imelda
	Econfina Creek waterway debris removal from Hurricane Michael
2018	Lee County waterway debris removal from various waterways
	ROW clearing in Jackson County, FL following Hurricane Michael
2017	Harris County Flood Control District Buffalo Bayou and Cypress Creek waterway project
	ROW clearing in Katy, TX following Hurricane Harvey
	Texas Department of Transportation Harris County Maintenance waterway debris project
2016	Beaufort County, SC waterway debris removal
	St. John's River waterway debris removal
	ROW clearing in North Carolina and Florida following Hurricane Matthew
	Florida Fish & Wildlife artificial reef construction
2015	ROW clearing in Baton Rouge, LA from flooding
	ROW clearing in Houston, TX from flooding
	ROW clearing in Smith County, TX following tornadoes
	Waterway debris removal from tributaries in Livingston Parish
	Artificial reef construction in Apalachicola Bay
2014 - 2013	ROW clearing from Baton Rouge, LA flooding
	ROW clearing in Houston, TX from flooding
	ROW clearing from tornadoes across Tennessee
	Waterway debris removal from flooding in Baldwin County, AL
2014 - 2013	Artificial reef construction in Apalachicola Bay, FL
	Edwin B Forsythe wildlife refuge marshland debris removal following Hurricane Sandy
	Waterway debris removal in Cumberland County, NJ following Hurricane Sandy

Skills Profile

Education

Juris doctorate | 1997 | University of Texas at Austin

Bachelor of Business Administration | 1991 | University of Texas at Austin

Organizational Leadership

Leads Aftermath Disaster Recovery, Inc. on a powerful growth trajectory that has nearly doubled revenue and capacity each year for the past five years.

Communication

Years of public speaking and conducting law enforcement training yields an effective communicator who uses that skill to ensure project needs are understood and delivered. Certified Texas mediator.

Financial Management and Reporting

Oversees the company's forecasting, budgeting, and account payables and receivables. Timely reporting means that projects are kept on budget and on time within contract guidelines.

Human Capital

Oversees the permanent labor force and the subcontractor vetting to ensure quality personnel is representing Aftermath Disaster Recovery with excellence.

Compliance

Uses legal expertise and experience to know and implement the necessary compliance measures with FEMA, OSHA, USDOT, and other local, state, and federal regulations.

Disaster Recovery Experience

Vice President | Aftermath Disaster Recovery | From 2013-Present

Role has involved serving as project manager, fleet development, providing oversight of field operations, construction meetings, crisis management, subcontractor management, and field supervision. Events have included: Hurricanes Harvey, Irma, Matthew, Isaac, Sandy, Michael and massive flooding events across the Gulf Coast.

2021 - Present	Lee County NRCS waterway debris removal (Hurricane Ian)
	FDEM waterway debris removal
	Dallas Texas collection of bulk debris
	Austin Texas collection of bulk debris
	Northport FL ROW debris removal and hauling
2019 - 2020	Brazoria County, TX storm debris removal, hauling, and desnagging project
	Orange County Drainage District- Adams Bayou waterway debris removal
	Spring Creek and Greens Bayou waterway debris removal
	Harris County ROW debris removal from TS Imelda
2018	Econfina Creek waterway debris removal from Hurricane Michael
	Lee County waterway debris removal from various waterways
	ROW clearing in Jackson County, FL following Hurricane Michael
2017	Harris County Flood Control District Buffalo Bayou and Cypress Creek waterway project
	ROW clearing in Katy, TX following Hurricane Harvey
	Texas Department of Transportation Harris County Maintenance waterway debris project
	Beaufort County, SC waterway debris removal
2016	St. John's River waterway debris removal
	ROW clearing in North Carolina and Florida following Hurricane Matthew
	Florida Fish & Wildlife artificial reef construction
	ROW clearing in Baton Rouge, LA from flooding
	ROW clearing in Houston, TX from flooding
2015 - 2013	Texas Department of Transportation waterway debris removal from San Jacinto River bridge
	ROW clearing in Smith County, TX following tornadoes
	Waterway debris removal from tributaries in Livingston Parish, Baldwin County, AL, San Jacinto River, TX, and Cumberland County, NJ
	Artificial reef construction in Apalachicola Bay
Job types	ROW clearing in Baton Rouge, LA, Tennessee locations
	Marshland debris removal in Edwin B. Forsythe wildlife refuge, NJ

Skills Profile

Field Experience

Obie has worked in the disaster relief industry for the past 15 years.

Management Experience

He has managed over 40 disaster recovery projects that involved FEMA reimbursement including hurricanes, tornadoes, floods, ice storms, and wind storms. He has also executed several reef construction projects. Mr. Corley is an expert at debris removal from environmentally sensitive and logistically challenging areas.

Logistics

Leads Aftermath Disaster Recovery, Inc. in planning logistically challenging disaster relief efforts. Recognized for executing difficult projects where other contractors have previously failed. There is no project for which Obie cannot craft the most economically viable and logistically sound solutions.

Certifications

Intro to Incident Command System, Basic Incident Command System for Initial Response, First Aid and CPR

Disaster Recovery Experience

Project Manager | Aftermath Disaster Recovery | From 2013-Present

With over a decade of consulting and management experience, Damian Sazama is an experienced supervisor and field manager capable of concurrently supervising multiple crews. His broad experience, commitment to quality and safety, technical expertise, and leadership skills make Mr. Sazama a highly valuable asset to our supervisory team.

Lee county

Lee County Debris Removal Project from 20 various waterways. Mr. Sazama managed stakeholder relationships by interfacing with homeowners, homeowners' associations, county leadership, and crews in executing a logistically challenging project. Because this project spanned so many waterways, Mr. Sazama scheduled crew assignments and vessel mobilization/demobilization in order to execute this project in an efficient and effective plan. He maintained excellent relationships with the citizens of the County as well as the county's staff and our company crews and subcontractors.

Econfina Creek

Econfina Creek Debris Removal Project. Mr. Sazama managed the water-based crews to ensure all project specifications were being executed. His experience on vessels and communicating with crews makes him an effective leader in the execution of our projects

Hurricane Irma

Hurricane Irma consultant for Tag Grinding in Lee County, FL. Mr. Sazama managed multiple contractors in the wake of Hurricane Irma. He provided project management for right of way, canal, and vacant lot debris removal. Acted as a point of contact between prime contractor and city management

2014 - 2013

Waterway debris removal from flooding in Baldwin County, AL
Artificial reef construction in Apalachicola Bay, FL
Edwin B Forsythe wildlife refuge marshland debris removal following Hurricane Sandy
Waterway debris removal in Cumberland County, NJ following Hurricane Sandy

Skills Profile

Field Experience

Damian has worked in the disaster relief industry for the past 6 years. He has managed several disaster recovery projects that involved FEMA reimbursement. His history in the US Navy gives him attention to detail and effective communication skills in serving our clients.

Project Management Experience

Serves Aftermath Disaster Recovery, Inc. as an effective project manager who listens to our clients' needs and executes our projects to their specifications. Damian is an excellent communicator whose winsome personality helps balance all the various stakeholders' interests in our disaster recovery efforts.

Service

- US Navy radioman with top security clearance; supported air, land and sea missions within the Sixth Fleet
- Radioman, cryptology, communications, petty officer
- US Coast Guard certified boat captain
- Red Cross disaster team



Reese Corley

Project Manager

972-567-1489

Reese@AftermathDisaster.com

Disaster Recovery Experience

Project Manager | Aftermath Disaster Recovery | From 2013-Present

Reese possesses the necessary technical skills to adapt to the changing needs of the most demanding projects. With over a decade of communication and training, Reese is an experienced and capable manager, fully committed to the success of each project for all stakeholders. His duties include, but are not limited to, finalizing project approach, managing equipment deployment and maintenance, overseeing TDSRS management, ensuring safety of employees, and coordinating with stakeholders. His leadership skills make Mr. Corley a highly valuable asset to our supervisory team.

Lee County

2023 project work includes managing FEMA funded cleanup of storm debris, overseeing a fleet of trucks and managing managed multiple barge crews in Lee County, Florida, working on waterway debris removal, yielding 30,000 CY.

FEDM

December 2022 – February 2023

State of Florida debris removal project. Reese managed multiple crews on tidally impacted waterways in Lee County.

Hurricane Ian

Reese managed 10 trucks in Northport, Florida for operations, clearing a total of 185,000 CY.

Dallas, TX

In Dallas, Texas Reese showed that he is an effective leader in the management of our projects. He helped to execute a large bulk trash clean up for the City of Dallas in the summer of 2022.

Terrebonne, Louisiana

Following Hurricane Ida, Reese managed a fleet of trucks for ROW debris removal.

2021-2022

Reese managed Orange County canal clean-up following Hurricane Laura in July 2021. His responsibilities included managing truck fleet and crews.

Skills Profile

Field Experience

Reese has worked in the disaster recovery industry for the past 6 years. He has managed several disaster recovery projects that involved FEMA reimbursement. His history in communications makes him an effective leader. His careful attention to detail and his desire for excellence in all projects, large or small, is a benefit when serving our clients.

Project Management Experience

Serves Aftermath Disaster Recovery, Inc. as an effective project manager who listens to our clients' needs and executes projects to their specifications. Reese is an excellent communicator whose perseverance and fortitude helps balance all the various stakeholders' interests in our disaster recovery efforts.





Disaster Recovery Experience

1826 Honeysuckle Ln
Prosper, TX 75078

Project Manager | Aftermath Disaster Recovery | From 2021-Present

Jackson Corley has been with Aftermath for two years and has proven himself to be a talented and capable manager. His technical and strategic skills provide effective solutions to project challenges. As a Project Manager, his duties include, but are not limited to, finalizing and implementing the project approach, managing equipment deployment and maintenance, overseeing TDSRS management, ensuring safety of employees, and coordinating with stakeholders. Jackson’s leadership abilities and quick thinking combine to make him a valuable contribution to our team.

Skills Profile

Field Experience
Jackson has worked in the disaster relief industry for the past 2 years. He has efficiently managed several disaster recovery projects that involved FEMA reimbursement. Jackson’s communication skills enable him to provide clear feedback and effective guidance in his role so that projects stay on time.

Project Management Experience
As one of our newest project managers, Jackson is a skilled motivator, instilling confidence in all stakeholders on a project. He is able to quickly problem-solve to get work done efficiently and meet the needs of our clients.
Jackson clearly and effectively communicates with crews and leadership so that everyone understands the scope of each project and is able to complete tasks to the satisfaction of our clients.

Certifications

- FEMA 100
- OSHA 30-Hr Training

Current and Recent Work

Charlotte County	Mr. Corely’s Project Manager role included preparing the work plan , mapping canals, identifying extraction points, obtaining Right of Way permits, and expertly laying out the project approach.
Swanee River	Mr. Corley efficiently managed multiple crews on this project, coordinated the truck fleet and managed the project plan. He provided effective communication and guidance among team members to ensure a successful project.
Lee County	In Lee County, Mr. Corley managed crews on a debris removal project that included FEMA funded cleanup of storm debris. The work included challenging waterway debris removal work that was successfully completed.
Austin, TX	The Austin ROW project entailed the managing of crews as they were responsible for cutting, collecting, and hauling nearly 100,000 CY of debris from right of ways.





Adam Gonzalez

Director of Business Operations

972-984-8969

Adam@AftermathDisaster.com

Disaster Recovery Experience

Director of Business Operations | Aftermath Disaster Recovery | From 2022-Present

Adam Gonzalez works to create and implement systems that ensure smooth and efficient operations inside of the company, as well as establish relationships that enable our team to work at maximum effectiveness in concert with all stakeholders. His critical role ensures efficient processes and sets the standard of success for projects.

Fraym

2021-2022

Marketing Associate - Managed production of marketing materials for a geospatial and artificial intelligence company including blog content, social media, ad campaigns, press releases, one-pagers, and more. Organized and coordinated promotion strategies and logistics surrounding events and conferences

Stand Together

2018-2021

Digital Communications Coordinator - Devised and deployed digital marketing strategies in coordination with staff across the United States to drive state-level activism, utilizing tools from Facebook, Google, email, SMS, custom landing pages, and other tools. Managed projects and timelines to ensure timely and effective digital assets were produced, deployed, and utilized in integrated marketing campaigns

Director of Business Operations

2022-present

Mr. Gonzalez uses his organization and marketing skills to coordinate between leadership, administrators, and project managers to provide communication pathways and accurate execution of our commitments with our clients. His commitment to integrity and putting clients' needs first has been invaluable.

1826 Honeysuckle Ln

Prosper, TX 75078

Skills Profile

Education

Degree: BSFS International Politics, from Georgetown University, Washington D.C 2018

Aftermath Experience

Serves Aftermath Disaster Recovery, Inc. as an effective director. Adam collaborates with Aftermath's owners to develop short-term goals and long term operational plans. He leadership in purchasing, negotiating, and productivity contributes to Aftermath's success and growth. Adam is able to listens to the needs of all stakeholders and helps to develop innovative strategies to meet clients' needs tailor projects to meet their specifications.

Certifications

- FEMA 100.c, 120.c, 200.c, 230.e, 235.c, and 632.a



Disaster Recovery Experience

Project Manager | Aftermath Disaster Recovery | From 2014-Present

Blaine Rushing is a long-time Aftermath employee, working with Aftermath since 2015. With nearly a decade of management experience with Aftermath, Mr. Rushing is a highly qualified and capable field manager, supervising multiple crews per project. He handles the management and maintenance of our equipment, creates and implements project plans specific to the needs of the client, and serves as the point person for the client. As a Project Manager, he oversees the project and is responsible for safety functions. Mr. Rushing's strategic and technical expertise, broad experience, commitment to quality and safety, and leadership skills are highly beneficial to Aftermath's leadership team.

Dallas, Texas

Project point person for the city of Dallas
Coordinated ROW cleanup work, including the removal, hauling, of bulk debris from designated collection sites and hauling to a final disposal facility.

Austin, TX

Managed multiple fleets in a project that cut, collected, and hauled nearly 100,000 CY of debris from right of ways in the City of Austin following the 2023 ice storm. Debris consisted of fallen or hazardous trees and limbs.

New Indy Paper Mill, SC

Managed barge crews on logistically challenging project involving waste extraction and the safe disposal of sludge that had collected in detention ponds generated from a paper mill. Mr. Rushing was instrumental in effective problem solving and executing the solution well.

Boulder, Colorado

Managed multiple crews for the removal of debris left by early ice storms and hauling in various locations across the city. Clearing this ROW work entailed skilful planning and allocating our resources to quickly and efficiently clear nearly 60,000 CY of debris.

Skills Profile

Field Experience

Mr. Rushing has worked in the disaster relief industry for the past 8 years. He has managed several disaster recovery projects that involved FEMA reimbursement. His work history and personal values provide significant advantages in serving our clients, and reflects his commitment to the success of each project.

Project Management Experience

Serves Aftermath Disaster Recovery, Inc. as an effective project manager who listens to our clients' needs and executes our projects to their specifications. Mr. Rushing is an excellent communicator and dependable manager who delivers effective outcomes in the midst of complex and challenging projects.

Certifications

Aftermath's team is committed to performing services for St. Pete Beach according to all program standards as provided for in the FEMA Public Assistance "Debris Management Guide" as well as compliance with all federal, state, and local safety and health requirements.

Emergency Management Institute



FEMA

This Certificate of Achievement is to acknowledge that

MELANIE KANE CORLEY

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.c

Introduction to Incident Command System, ICS-100



Issued this 19th Day of June, 2019



Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

0.2 IACET CEU

Emergency Management Institute



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This Certificate of Achievement is to acknowledge that

MELANIE KANE CORLEY

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00200.c

Basic Incident Command System for Initial Response



Issued this 26th Day of February, 2020



Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

0.4 IACET CEU



American Red Cross
Training Services

Certificate of Completion

Melanie Corley

has successfully completed requirements for

Adult and Pediatric First Aid/CPR/AED

Date Completed: 12/22/2020

Validity Period: 2 - Years

Conducted by: Nation's Best CPR



To verify certificate, scan code or visit redcross.org/digitalcertificate and enter ID.

Learn and be inspired at LifesavingAwards.org



00088M



Ron DeSantis, Governor

Halley BeShears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD

THE MARINE SPECIALTY CONTRACTOR HEREIN IS CERTIFIED UNDER THE PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

KANE CORLEY, MELANIE
AFTERMATH DISASTER RECOVERY, INC.
1826 HONEYSUCKLE LN.
PROSPER TX 75078

LICENSE NUMBER: SC033151805

EXPIRATION DATE: AUGUST 31, 2022

Always verify licenses online at MyFloridaLicense.com



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has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.c

Introduction to Incident Command System, ICS-100

Issued this 19th Day of February, 2020



Michael J. Sharon
Deputy Superintendent
Emergency Management Institute
Federal Emergency Management Agency

0.2 IACET CEU

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Basic Incident Command System for Initial Response

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Superintendent
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To verify certificate, scan code or visit redcross.org/digitalcertificate and enter ID.

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00G5BMV

Emergency Management Institute



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This Certificate of Achievement is to acknowledge that

KATHRYN HALVORSON

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.c

Introduction to Incident Command System, ICS-100

Issued this 17th Day of January, 2021



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Superintendent
Emergency Management Institute
Federal Emergency Management Agency

0.2 IACET CEU

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This Certificate of Achievement is to acknowledge that

STACY THORNE

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.c

Introduction to Incident Command System, ICS-100

Issued this 1st Day of July, 2019



Michael J. Sharon
Deputy Superintendent
Emergency Management Institute
Federal Emergency Management Agency

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IS-00200.c

Basic Incident Command System for Initial Response

Issued this 20th Day of August, 2019



Michael J. Sharon
Deputy Superintendent
Emergency Management Institute
Federal Emergency Management Agency

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Emergency Management Institute



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This Certificate of Achievement is to acknowledge that

FRANCISCO J VIELMAS

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.c

Introduction to Incident Command System, ICS-100

Issued this 19th Day of March, 2020



0.2 IACET CEU

Michael J. Sharon
Deputy Superintendent
Emergency Management Institute
Federal Emergency Management Agency

Emergency Management Institute



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This Certificate of Achievement is to acknowledge that

FRANCISCO J VIELMAS

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00200.c

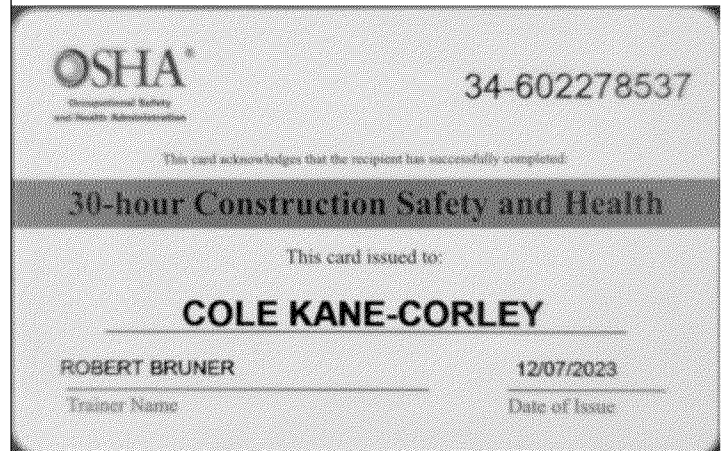
Basic Incident Command System for Initial Response

Issued this 30th Day of March, 2020



0.4 IACET CEU

Michael J. Sharon
Deputy Superintendent
Emergency Management Institute
Federal Emergency Management Agency



Emergency Management Institute



FEMA

This Certificate of Achievement is to acknowledge that

JACKSON D KANE-CORLEY

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

IS-00100.c

Introduction to Incident Command System, ICS-100

Issued this 18th Day of April, 2021



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Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

Emergency Management Institute



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This Certificate of Achievement is to acknowledge that

ADAM GONZALEZ

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the Independent Study course:

IS-632.A:

INTRODUCTION TO DEBRIS OPERATIONS

Issued this 31st Day of July, 2023



0.20 IACET CEU

Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

Emergency Management Institute



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has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the Independent Study course:

**IS-200.C:
BASIC INCIDENT COMMAND SYSTEM FOR INITIAL RESPONSE ICS-200**

Issued this 21st Day of July, 2023

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Emergency Management Institute
Federal Emergency Management Agency

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**IS-235.C:
EMERGENCY PLANNING**

Issued this 31st Day of July, 2023

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Superintendent
Emergency Management Institute
Federal Emergency Management Agency

0.50 IACET CEU



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**IS-230.E:
FUNDAMENTALS OF EMERGENCY MANAGEMENT**

Issued this 21st Day of July, 2023

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Superintendent
Emergency Management Institute
Federal Emergency Management Agency

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**IS-100.C:
INTRODUCTION TO INCIDENT COMMAND SYSTEM, ICS-100**

Issued this 27th Day of January, 2023

Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

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**IS-120.C:
AN INTRODUCTION TO EXERCISES**

Issued this 04th Day of August, 2023

Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

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This Certificate of Achievement is to acknowledge that

MELANIE BURCHFIEL

has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course:

**IS-00632.a
Introduction to Debris Operations**

Issued this 2nd Day of January, 2023

Jeffrey D. Stern, Ph.D.
Superintendent
Emergency Management Institute
Federal Emergency Management Agency

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Emergency Management Institute  FEMA This Certificate of Achievement is to acknowledge that MELANIE BURCHFIEL has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the Independent Study course: IS-633: DEBRIS MANAGEMENT PLAN DEVELOPMENT <i>Issued this 07th Day of July, 2023</i>  Jeffrey D. Stern, Ph.D. Superintendent Emergency Management Institute Federal Emergency Management Agency 0.60 IACET CEU 	Emergency Management Institute  FEMA This Certificate of Achievement is to acknowledge that MELANIE BURCHFIEL has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the independent study course: IS-00100.c Introduction to Incident Command System, ICS-100 <i>Issued this 5th Day of June, 2022</i>  Jeffrey D. Stern, Ph.D. Superintendent Emergency Management Institute Federal Emergency Management Agency 0.2 IACET CEU 
Emergency Management Institute  FEMA This Certificate of Achievement is to acknowledge that MELANIE BURCHFIEL has reaffirmed a dedication to serve in times of crisis through continued professional development and completion of the Independent Study course: IS-42.A: SOCIAL MEDIA IN EMERGENCY MANAGEMENT <i>Issued this 20th Day of August, 2022</i>  Jeffrey D. Stern, Ph.D. Superintendent Emergency Management Institute Federal Emergency Management Agency 0.30 IACET CEU 	

Subcontractor Management

While we staff all projects with our team first, to provide the highest quality service for St. Pete Beach, Aftermath may need to activate a team of subcontractors to assist company personnel on a per-project basis. This allows us to provide quicker and more efficient debris removal on any scale required.

Subcontractors are closely vetted with the strictest detail by the Aftermath team before being added to a list of approved subcontractors. They also are expected to work to the same high standards as our employees. Aftermath sets clear and detailed expectations for all subcontractors to follow to better execute disaster recovery efforts and benefit St. Pete Beach and the community.

Key Takeaways

- Aftermath Staff First
- Thoroughly Vetted Subcontractors
- Project Manager oversight
- Diversity & Inclusion Efforts

Aftermath's Role in Subcontractor Management

Aftermath will be the primary contact for the project including day-to-day project management, supervision of communication, reporting requirements, and quality assurance. With detailed subcontractor management processes, Aftermath ensures quick activation of any subcontracts and ensures subcontractors deliver the same high-quality work as the Aftermath employees at all times.

Subcontractor Responsibilities

Debris removal subcontractors may play a critical role in project execution. Subcontractors' main responsibilities include loading debris, hauling debris to the designated TDSRS, and utilizing a "clean as you go" approach as the project progresses. Every subcontractor must also meet the same standards and adhere to all compliance and environmental guidelines as Aftermath employees.

Subcontractors are valued as part of our team and as such are also required to submit daily progress reports to the Project Manager. The Project Manager uses these updates to adjust the plan to maximize effort and minimize the time it takes to achieve the project goals. This planning process creates the best outcome for St. Pete Beach because the work of our subcontractors is always aligned with your goals and our overall project plan.

Top-down Project Management

Our Project Manager coordinates the work of all subcontractors to ensure that they are successfully and seamlessly integrated into the entire project in a cohesive manner. This also means Aftermath can make decisions quickly, when needed, to ensure the safety of employees and contractors and to mitigate any risks to the project.

Ensuring Consistency and Quality Assurance

Aftermath's priority is to provide the highest quality of service to ensure the clean up at St. Pete Beach's site is performed quickly and safely, which will allow your community to get back to "business as usual" as soon as possible. If an event is large enough that Aftermath needs support in addition to our own employees, we will utilize subcontractors to act in our place where needed.

The following factors allows Aftermath to ensure St. Pete Beach receives the consistency of our high-quality service even when we employ external subcontractors:

- All subcontractors are vetted by our senior management team and company owners.
- All subcontractors are closely supervised by our Site or Project Supervisors.
- Before starting any on-site work, every contractor is provided with a detailed and unambiguous subcontract that outlines their legal obligations.
- All subcontractors submit daily progress reports to ensure they are keeping to schedule and can inform the Project Manager about any issues in their designated areas.
- Aftermath provides templates for subcontractor invoices for consistency.

Ultimately, subcontractors are acting under the umbrella of Aftermath, and we are responsible for ensuring their work product and conduct for St. Pete Beach are of the highest standards.

Diversity and Inclusion Initiatives

Diversity and inclusion are a key part of a successful business. To accomplish this, Aftermath sources subcontractors from a variety of sources including:

- Minority and small business trade associations
- Business development organizations and local chambers of commerce
- Via review sources from the Dynamic Small Business Search site
- Via review sources from the System for Award Management site
- Via review sources from the Department of Veterans Affairs, Vendor Information Pages VIP

Whether St. Pete Beach's project can be accomplished with our own team or in conjunction with subcontractors, you can rest assured that it will be completed with the same level of service and personalized attention that our clients know and love.

Past Subcontractors List

Aftermath self-performs over 85% of our project work. It is not anticipated that we would need subcontractors for this project; however, in the past we have worked with the following subcontractors.

Company Name	Contact Name	Phone #	Email	Address	Service
Optimal Recovery, LLC	Brent Reedy	352-206-5541	optimalrecovery@tampabay.rr.com	34618 Mission Bell Ln. Dade City, FL 33525	Loader trucks
Brown Tree Service	Troy Brown	870-723-5098	troy.brownstreeservice@gmail.com	104 Megan Dr. Monticello, AR 71655	Bucket trucks
Clarks Enterprise	David Clark	985-335-6069	emily@clarksenterprise.com	35823 Doc Butler Rd Mt Hermon, LA 70450	Loader trucks
Conroe Environmental, LLC	Shaun Wellborn	512-636-6255	shaunzes@att.net	3030 Hemingway Montgomery, TX 77356	Chip hauling
Fowler Construction	Sammy Fowler	903-262-5655	sfowler2594@gmail.com	3578 W. US Hwy 80 Mineola, TX 75773	Dump trailers
Crosseroads, LLC	Kevin Schlosser	608-769-4977	sr.schlosser@yahoo.com	1009 Saddlewood St. Holmen, WI 54636	Bucket trucks
Crosseroads, LLC	Kevin Schlosser	608-769-4977	sr.schlosser@yahoo.com	1009 Saddlewood St. Holmen, WI 54636	Loader trucks
Northshore Enterprises, Inc.	Phil Riippa	850-346-8586	northshorerecovery@yahoo.com	311 1st St SE Haliday, ND 58636	Loader trucks
Reid Trucking	Grant Reid	512-879-8799	reidgrant87@yahoo.com	PO Box 451 Liberty Hill, TX 78642	Loader trucks
Lancaster Construction	Zeno Lancaster	828-507-7407	lancasterconst@yahoo.com	3579 Ironworks Dr Whiteville, NC 28472	Loader trucks
Branum Trucking	Jake Branum	251-937-1772	sales@nbprintshop.com	122 North Hoyle Ave. Bay Minette, AL 36507	Loader trucks
Diamond M Land Management	Jake Moore	325-248-1115	j.moore@diamonddmlandmanagement.com	226 CR 183 Stephenville, TX 76401	Grinders

St. Pete Beach, FL – RFP Disaster Debris Collection & Removal

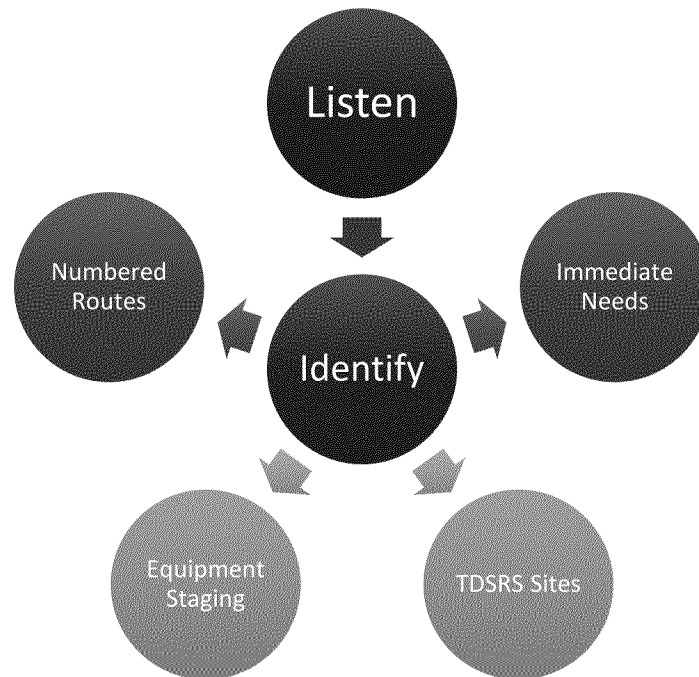
Company Name	Contact Name	Phone #	Email	Address	Service
G3 Construction LLC	Carl Gilbert	850-653-6779	carl@g3const.com	16998 NW Charlie Johns St Blountstown, FL 32424	End dumps
H2 Construction	Rick Hostetter	660-641-2500	h2construction@live.com	702 W Walnut Waverly, MO 64096	Loader trucks
Parker Resource Group	Rich Parker	951-333-8417	rparkermgmt@gmail.com	534 E Benwood St Covina, CA 91722	Loader trucks
DNR Group LLC	Glen Nelson	504-214-2892	nelsonbros@cox.net	12246 River Rd St. Rose, LA 70087	Loader trucks
MTN Leasing LLC	Matthew Nelson	504-491-6190	mtnleasing@outlook.com	166 Dunleith Dr Destrehan, LA 70047	Loader trucks
New Masada Environmental	Lalo Torres	832-276-3528	newmasada@gmail.com	PO Box 690731 Houston, TX 77269	Grinders
Tiger Bayou, Inc.	Clyde Ewing	225-337-1208	ewing9437@hotmail.com	PO Box 276 Erwinville, LA 70729	Bucket trucks



Tab 7: Technical Approach and Methodology

Pre-Planning Activities

As your partner in planning for a major event, Aftermath studies your current debris management plan and assists in updates or revisions if needed. An annual planning and training activity day is available as requested. This process involves the following steps.



Our steps center around our commitment to listen to and identify the needs of St. Pete Beach. We will work with you to accomplish your priorities.

- Aftermath assists in reviewing your existing plan and sector maps of the city and identifying immediate needs facilities including schools, hospitals, distribution centers, and government buildings.
- We will review all potential debris and equipment staging sites according to the information the city provides, identifying alternate options if needed.
- Routes are then identified and numbered according to your priorities so that we know in advance how we will deploy the rapid response push-crews.
- Once our review is complete, we discuss our findings with the city to make sure we have accurately captured your priorities into our planning.

Pre-Landfall Protocol

Our Pre-Landfall Protocol builds on our work from the Pre-Planning Activities. If an event becomes possible, we employ the following protocol:



72 Hours until possible landfall

- Vice President of Operations monitors and tracks hurricanes and other weather events through weather channels, the National Hurricane Center, Office of the Governor, and other weather-related websites. Our team is updated every few hours on the status of any event.
- We communicate with the city to verify our primary, secondary, and 24-hour emergency contact numbers for our designated personnel.
- Location of all equipment is assessed to ensure the ability to respond as quickly as possible. We have staging sites in strategic locations throughout the Gulf Coast. For example, we have an equipment staging site in Hastings, FL, a safe distance for staging during the storm, but close enough to be on site within 2 hours.
- Equipment haul routes are identified and any necessary travel permits are identified.

48 Hours until possible landfall

- Vice President of Operations continues to monitor and track the weather events through weather channels, the National Hurricane Center, Office of the Governor, and other weather-related websites. Our team is updated every few hours on the status of the event.
- Depending upon the strength, size and track of a storm, the appropriate staging location will be chosen to ensure equipment is not impacted by the storm, but is convenient for rapid deployment.
- Assets will include emergency road-clearing equipment, loading and hauling equipment, mobile campers or temporary housing units.
- If government officials choose to stay in place, our project manager would be deployed to the location to ride out the storm to assist in immediate assessments following the event.

24 Hours until possible landfall

- Vice President of Operations continues to monitor and track the weather events through weather channels, the National Hurricane Center, Office of the Governor, and other weather-related websites. Our team is updated every few hours on the status of the event.
- All necessary travel permits would be acquired.
- All equipment units and personnel are staged ready for deployment.

Immediately Post-landfall

- Once we have a Notice to Proceed, our Project Manager will begin assessments and estimating debris volume with the City's representative.
- Debris estimates will dictate equipment and personnel requirements.
- The team will identify priorities according to the pre-event planning previously conducted incorporating the current health and safety issues, and environmental issues.
- The equipment staging site is designated.
- All equipment and personnel is deployed to begin operations.

Mobilization and Demobilization

St. Pete Beach's goal is to see your community restored as quickly and safely as possible following a disaster. Our responsiveness helps you achieve this. Aftermath's Project Manager designated to St. Pete Beach will begin mobilizing a team within 2 hours of your call with the objective to have equipment staged in less than 24 hours. Our job is to get your cleanup efforts started fast and efficiently while adhering to all local, federal, and environmental laws and regulations.

Mobilization, cleanup, and demobilization will occur with as minimal disruption to the public as possible.

Mobilization Process

First, Aftermath will deploy the project manager and begin mobilization of truck drivers, equipment operators, cut crews, push crews, and support personnel as the project requires so they begin staging on-site within 24 hours. Then the Project Manager will coordinate with St. Pete Beach to create a plan for debris removal and be your on-the-ground contact until demobilization is completed.

**Fast
Responsiveness**

Team Mobilization

within 2 hours

Equipment staged

less than 24 hours

Project Approach and Methodology

Approach

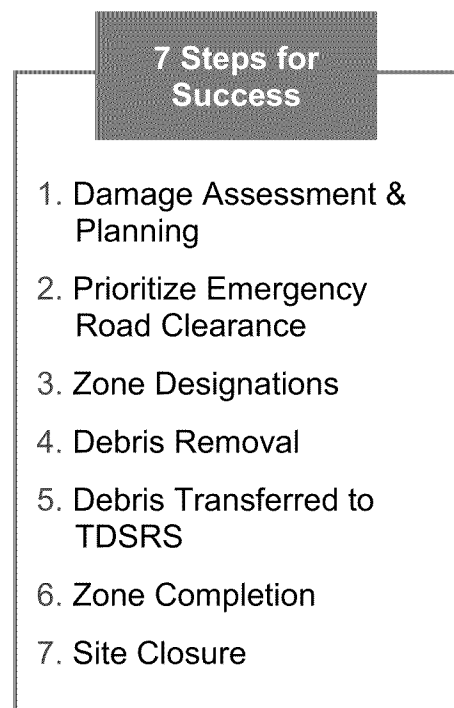
With Aftermath's proven processes and well-organized approach, St. Pete Beach can trust us to handle all aspects of disaster-related debris clean up and removal as quickly as possible, while complying with all local and federal laws and regulations.

In the middle of a chaotic situation, we bring organization and peace of mind with our approach. First, you will be assigned a Project Manager (PM) who is dedicated exclusively to your project and is only a phone call away throughout the project. This manager will oversee the entire project and be your main point of contact for the duration of the contract.

Once the Project Manager is assigned, we will work through our methodology, as described below.

Methodology

From the preliminary assessment of the disaster site to project closeout, we follow 7 standard steps to ensure compliance, safety, and efficiency for St. Pete Beach.



Step 1: Perform a Damage Assessment and Create Project Plan

The first step before any clean up can commence is to do a preliminary damage assessment. The damage assessment provides guidance on the estimated debris volumes, number of units required for operations, and the methodology for debris removal including the number of units per zone, temporary staging sites, and final disposal sites. This assessment also identifies the hardest hit areas and the highest priority zones to ensure the most critical areas receive attention first.

Our debris cleanup and disposal plan is created to maximize efficiency and safety while being as minimally intrusive to St. Pete Beach residents as possible.

Step 2: Prioritize Emergency Road Clearance

One of our first cleanup tasks is to ensure critical roadways in the area are cleared to allow safe travel for emergency vehicles, debris-removal equipment and trucks, and your residents. Our goal is to remove debris from roadways so they are passable as quickly

as possible after the event. The timeline for this will be outlined in our project plan so you can keep the St. Pete Beach community and businesses informed.

Step 3: Designate Zones

The affected area will be divided into separate zones. The completion of individual zones within the area is dependent on many factors including the amount of debris, the size and type of the roadways, height and location of powerlines, traffic patterns, and distance to disposal sites. Given the various factors, Aftermath will provide an approximate date for completion of the cleanup in each zone. Our work experience enables us to accurately estimate the time to complete a zone given the amount of debris in a zone, the number of units assigned to that zone, and the capacity of those units. Completion will be confirmed by a written release before crews begin work on the next zone.

Step 4: Remove Debris from Disaster Site

Once St. Pete Beach deems the emergency push phase complete, we will begin removing debris from the disaster-affected area. To comply with FEMA and environmental regulations, all debris will be sorted on-site into dedicated vehicles or vessels and made safe for transport. As part of this process, trucks are measured to determine debris removal capacity and a placard is placed on the truck once reviewed. All debris removal trucks are given load tickets upon pickup to be turned in at the drop off location in order to track the amount and location of debris they remove throughout the project.

The debris removal step may include separation of:

- ROW vegetative debris
- construction and demolition materials
- hazardous waste (household, white goods, and e-waste)
- putrescent debris
- sand, soil, and sediment
- on-site vehicles and vessels

AFTERMATH DISASTER RECOVERY, INC. DEBRIS LOAD TICKET			
Client Name:		Disaster No:	Ticket Number:
Truck Company Name:			
Truck Driver Name:			
Loading Date:		Loading Time:	
Loading Location (Street Address):		Loading Zone:	
DEBRIS QUANTITY			
Truck No.:	Measured CY Capacity:	% Full:	Actual CY Load:
Monitor Name:		Tons:	
DEBRIS Classification		Stump Classification	
		ROW (Public property)	
Vegetative		Small (24"-36" diameter)	
C + D		Medium (37"-48" diameter)	
White Goods		Large (48" or greater diameter)	
Other (state type)			
Dumping Date:		Dumping Time:	
Reduction/Disposal Dumping Location:			
ADR Representative:		Client Representative:	
State Inspector (if applicable):		Federal Inspector (if applicable):	

Load Ticket Template

Aftermath takes special care to ensure that all debris transported from the disaster site is contained to prevent leaking or spilling during transport. All debris disposal personnel are specially trained in the safe collection and transportation of these materials.

Debris Definition and Collection

For the safety of the St. Pete Beach community, our staff, and assigned contractors, all debris removal is in compliance with FEMA regulations. Work will include all costs to safely remove, transport, and dispose of eligible debris and comply with all required laws and regulations.

Debris collection may include:

ROW Vegetative Debris

(Includes whole trees, stumps, and branches; shrubs; and other leafy material)

We will work closely with St. Pete Beach or a monitoring firm to identify eligible debris prior to removal. Downed vegetation will be cleared from the rights-of-way using grapple trucks and skid steers. We will also ensure that no vegetative debris is left on road surfaces, utilizing a “clean as you go” approach.

Hazardous Tree Limb Removal

If the disaster resulted in only partial damage to trees, damaged and hanging limbs may be removed if they meet a specific set of criteria that may include:

- a limb larger than two inches in diameter
- posing a threat in a public use area
- being located on public property

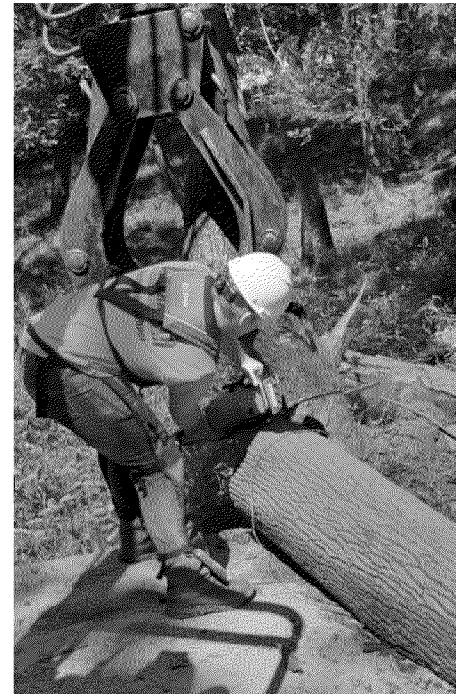
Hazardous Trees and Stumps

Damaged trees in the designated area of St. Pete Beach will be cut flush to ground level when they pose an immediate threat to lives or public health, are on improved property, are six inches in diameter, and at least one of the following:

- leaning more than 30 degrees
- has fallen or become uprooted within a public use area
- over half the tree crown is damaged
- the tree trunk is split or broken branches expose heartwood

For tree stumps, St. Pete Beach will measure and certify any stumps to be removed by Aftermath if:

- at least half of the root ball is exposed



- the stump is 24 inches or more in diameter
- the stump is on improved public property or a public right-of-way
- poses a health or safety risk

Construction and Demolition Debris

All construction and demolition debris will be identified and marked for disposal, reduction, or recycling, including lumber and wood, gypsum and wallboard, glass, metal, roofing materials, tile, carpeting and floor coverings, window coverings, pipe, concrete, fully-cured asphalt, equipment, furnishings, and fixtures.

Hazardous Waste

Special care and attention will be taken when removing hazardous or potentially hazardous materials from disaster sites at St. Pete Beach. Aftermath and its contractors strictly follow all environmental and safety guidelines to keep site personnel and the public safe during removal, transport and disposal of these materials. Eligible debris will be sorted into the following categories:

- Household hazardous waste that is classified as being corrosive, toxic, ignitable, or reactive (e.g.: motor oils, batteries, cleaning solutions, chemicals, unidentified liquids, paints, light bulbs)
- White goods (e.g.: destroyed or discarded household appliances)
- Electronic waste (e.g.: including computers, TVs, monitors ... etc.)

Putrescent Debris

If the disaster site resulted or uncovered any putrescent or rotting debris, it will be removed and disposed of in accordance with all federal, state, and local regulations. This includes animal carcasses and other fleshy organic matter.

ROW Sand, Soil, and Sediment

If the situation requires the removal of contaminated or unsafe sand, soil, or sediment it can be removed to the designated depth by Aftermath. This includes removal from St. Pete Beach streets, sidewalks, storm and sanitary sewers, water treatment facilities, drainage canals and basins, parks, and public swimming pools.

On-site Vehicles and Vessels

Vehicles and vessels will be removed from the site if they present a hazard or threat at the entrance and exit in a public area or if it has been abandoned.

Step 5: Transportation of debris to the designated Temporary Debris Storage and Reduction Site (TDSRS)

All debris collected from the St. Pete Beach's site will be taken to a TDSRS before being transported to its final destination. This site has strict perimeter controls to maintain the safety of the contractors and the general public. At this location, the debris is further

sorted, compacted where appropriate, and loaded onto transport vehicles to be delivered to designated Final Disposal Sites as required by law.

Step 6: Complete Work in Each Zone

Once the debris removal crew indicates that a zone is complete, the Project Manager, a St. Pete Beach representative, and the monitoring company will all verify that the debris removal is complete. Completion will be confirmed by a written release before crews begin work on the next zone.

Step 7: Close Out Site

When all cleanup and debris removal have been completed, the site will be shut down and all equipment, storage tanks, and other temporary structures will be removed. Aftermath will return St. Pete Beach's site to its original condition prior to the damage, including analyzing site samples to ensure they meet EPA guidelines.

The final step occurs when Aftermath provides St. Pete Beach with written notification of the site closure, including all site records for the project.

Daily Standard Workflows

To maintain a high standard of operational procedures, daily checklists and workflows will be followed during the project. These may include:

- **Start-of-day workflows** - Safety meetings are conducted each morning. Work assignments for each crew are reviewed by your Project Manager. Crews then ensure they have all the necessary equipment to complete their assignments. The team also reviews any safety procedures or concerns before starting work for the day.
- **During-the-day workflows** - Each team proceeds to perform their assigned tasks. Load tickets are provided for every load that leaves the site to ensure the chain of custody.
- **End-of-day workflows** - All equipment is secured and shut down. If any issues or concerns arose during the day they are discussed as a team. The Project Manager collects daily load tickets and they are entered into a database to ensure timely record keeping. Each crew ensures that necessary fuel and supplies are ready for the next day.

At the end of each day, your Project Manager will provide St. Pete Beach and the Debris Manager a daily report summarizing the activities and progress from the day. Weekly reports summarize the week's work and provide a bird's eye-view update of the project.

Aftermath's frequent communication, streamlined process, and ability to tailor our approach based on unique needs are why our clients consistently choose us. Our process

places St. Pete Beach at the center of our work, and everyone on our team aims to serve your goals and needs. We are happy to adjust our process as you need to ensure St. Pete Beach is able to make a fast recovery after any event.

1Weekly Summary Report			Week ending 1/13/24	
Date Started	Days Worked	Weather Delay Days / Issues		
11/1/23	44	0		
SOUTH COUNTY				
Crew #	Personnel	Equipment	Miles Completed	Tons Removed
1	2	Long stick excavator, chainsaw	40.53	24,914.82
2	3	Marsh buggy, chainsaw, tracked truck		
3	3	Excavator, chainsaw, tracked truck		
4	3	Marsh buggy, excavator, chainsaw		
MID COUNTY				
Crew #	Personnel	Equipment	Miles Completed	Tons Removed
1	3	Marsh buggy, tracked truck, skid steer, excavator, mini-excavator, chainsaw	18.54	8,153.79
2	2	Mini excavator, tracked truck		
WEST COUNTY				
Crew #	Personnel	Equipment	Miles Completed	Tons Removed
1	2	John boat	111.68	1431.41

Sample Weekly Report

Potential Scenarios

Completing projects to our clients' satisfaction is our first priority. Each project presents its own challenges, so we take the time and care to tailor our approach specifically for each project. These possible scenarios provide a snapshot of our methodology in action.

Event Type 1: Spot Jobs – Localized

Aftermath is ready to handle large and small events, as well as assist St. Pete Beach resources as needed. If a spot job is needed, our team has the experience to provide removal, hauling, and/or reduction by chainsaw to clear localized woody debris.

Operational Approach	Resources
Aftermath begins by listening to the representatives of St. Pete Beach in order to understand the impact of the event and to determine the City's priorities. Conduct post-event assessment to determine scope of damages and equipment needs. Aftermath's project manager will deploy the necessary equipment and crews. The project manager would also be responsible for quality control. In this event, debris would likely be removed and hauled to a local recycling facility.	Project manager Self-loaders and skid steer crews

Event Type 2: Small Event –City Wide

In case of a small, citywide event, Aftermath is prepared to provide the necessary supervision, qualified personnel, and the equipment to remove, haul and properly dispose of all types of debris with our own resources, making sure government land is properly reclaimed at the conclusion of the work.

Operational Approach	Resources
Aftermath begins by listening to the representatives of St. Pete Beach in order to understand the impact of the event and to determine the City's priorities. If a monitoring firm is present, we will begin collaboration for consistent communication and data sharing. Aftermath will conduct a post-event assessment to determine scope of damages and equipment needs. The Project manager then deploys necessary equipment and crews.	Project Manager Site manager TDSRS management equipment, if needed Self-loaders and skid steer crews

Aftermath's project manager would also be responsible for quality control. Aftermath's 10 company owned self-loader trucks with an average capacity of 170CY provides more than adequate resources to respond to any small event to haul and properly dispose of all types of debris.	
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Event Type 3: Significant Event – City Wide

In a significant, citywide event, Aftermath has the capability to remove, reduce, and haul mixed debris to the planned disposal site. Categories of debris are segregated at the TDSRS according to type and the TDSRS management plan.

<i>Operational Approach</i>	<i>Resources</i>
Aftermath begins by listening to the representatives of St. Pete Beach in order to understand the impact of the event and to determine the City's priorities. If a monitoring firm is present, we will begin collaboration for consistent communication and data sharing. Aftermath will conduct a post-event assessment to determine scope of damages and equipment needs. The Project manager then deploys necessary equipment and crews. Aftermath would respond with all company owned assets and, drawing from our pool of vetted subcontractors, would mobilize the number of units determined necessary. We can provide as many self-loading hauling units that St. Pete Beach may request. TDSRS management will be managed by Aftermath site manager and owned equipment. All reduction site crews are trained in property reclamation in order to thoroughly restore the site at the conclusion of the operation. We would provide samples of public messaging the St. Pete Beach can utilize to instruct the community on methods for segregating debris according to debris	Project manager Site manager Quality control manager TDSRS management equipment Reduction equipment In-house Self-loaders and skid steer crews Vetted subcontractor crews.

type. Messages can include how to stack debris in order to minimize mixed piles of debris. We would conduct first and second pass on woody debris which would be reduced and recycled at the TDSRS. Then we would conduct third and final pass to pick up C&D and mixed piles to be hauled directly to final disposal.	
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Event Type 4: Catastrophic Event –City Wide

In a catastrophic event, Aftermath is prepared to remove, reduce, recycle and haul mixed debris to multiple disposal sites.

Operational Approach	Resources
Aftermath begins by listening to the representatives of St. Pete Beach in order to understand the impact of the event and to determine the City's priorities. If a monitoring firm is present, we will begin collaboration for consistent communication and data sharing. Aftermath will conduct a post-event assessment to determine scope of damages and equipment needs. The Project manager then deploys necessary equipment and crews. Aftermath's project manager would also be responsible for quality control. Aftermath would respond with all company owned assets and, drawing from our pool of vetted subcontractors, would mobilize the number of units determined necessary. We can provide as many self-loading hauling units that St. Pete Beach may request. TDSRS management will be managed by Aftermath site manager and owned equipment. All reduction site crews are trained in property reclamation in order to thoroughly restore the site at the conclusion of the operation.	Project manager Site manager Quality control manager TDSRS management equipment Reduction equipment In-house Self-loaders and skid steer crews Vetted subcontractor crews.

We would provide samples of public messaging the City can utilize to instruct the community on methods for segregating debris according to debris type. Messages can include how to stack debris in order to minimize mixed piles of debris.

We would conduct first and second pass on woody debris which would be reduced and recycled at the TDSRS.

Then we would conduct third and final pass to pick up C&D and mixed piles to be hauled directly to final disposal.

Temporary Debris Storage and Reduction Site (TDSRS) Management

Aftermath has a comprehensive plan to manage the collection and disposal of debris and contaminated materials safely and efficiently through a designated TDSRS. We do this by thoroughly planning out the site and running an efficient staging, reduction (if applicable), and removal process.

TDSRS Planning & Management

Site Establishment

Before any work begins, Aftermath first assists St. Pete Beach in determining the best TDSRS locations from all available options. Once the site(s) is identified, photographs and videos are taken to record site conditions prior to usage. Soil samples may also be collected to establish the soil conditions.

Perimeter controls

Responsible disaster debris clean up requires the strictest perimeter controls to



prevent waste and contaminants at the TDSRS from entering the surrounding environment or community. Depending on the location of the TDSRS and the nature of the debris, one or more perimeter controls will be used:

- Stormwater controls (e.g.: curbs, berms, hay bales, silt fences)
- Wind controls (e.g.: slatted fencing, tarping, or appropriate covers)
- Preventative spill measures (e.g.: oil booms or filter fabric inlet protection)
- Preventative tracking measures (e.g.: gravel, quarry blend, or rumble strips at exits)

Aftermath is so confident in our perimeter controls, that in the unlikely event a spill or leak occurs, we will take immediate action to get the leak under control, report the incident to local authorities, and pay all clean up costs associated with the spill.

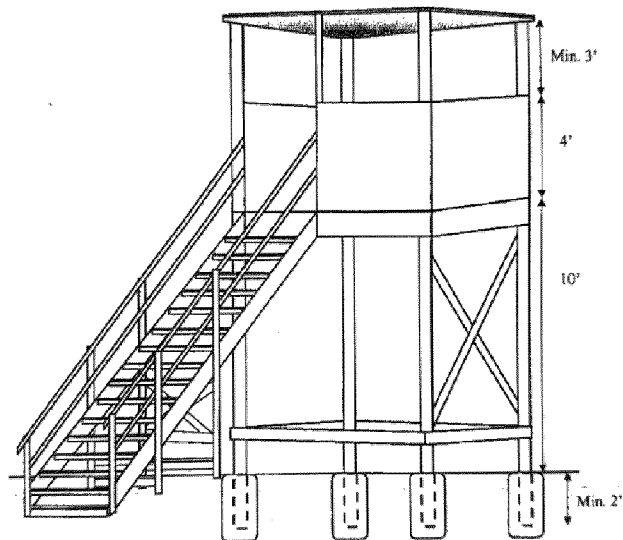
Inspection Towers

To provide a safe location for monitors to inspect truck loads, Aftermath will construct at least one OSHA- and FEMA-compliant inspection tower or adequate scissor lift. The tower will safely fit at least three individuals at a time with 64 square feet of usable floor area.

On-site Personnel

To oversee the safety and compliance, Aftermath ensures the following staff are on all TDSRS sites:

- **TDSRS Foreman:** responsible for monitoring and documenting equipment and labor time.
- **TDSRS Safety Manager:** responsible for traffic control and ensuring site operations remain compliant with state and federal Occupational Safety and Health (OSHA), FEMA, and environmental regulations
- **TDSRS Site Manager:** oversees debris removal contractors and on-site debris processing contractors to ensure they are compliant with their contract.



Example Inspection Tower Drawing

TDSRS Operations

Debris Staging → Debris Reduction → Final Disposal

Debris Staging

Once the TDSRS site begins operating, debris from nearby areas is brought on-site to this central location. The debris is then staged according to its classification, such as vegetative debris, C&D, and household waste. Each TDSRS site is monitored to ensure debris is separated into its appropriate classification prior to removal.

Debris Reduction

In some cases, the TDSRS becomes overrun with debris before it is time to haul the debris to final disposal. In these situations, Aftermath can perform reduction activities, such as grinding vegetative waste to mulch or incineration. As part of establishing the TDSRS, we will work with St. Pete Beach to determine if reduction will be needed for the specific project.

Debris Recycling

Aftermath believes that all vegetation should get recycled, and we work with our clients to make sure all rules and regulations are met with this goal in mind. Recycling mulched debris benefits local landfills and the City by reducing waste that would otherwise take up space in a landfill, providing the landfill with cover, and often has a lower final disposal cost.

Hauling Debris to Final Disposal

The staged debris will be hauled to final disposal at the designated location. To measure and control debris removal, when debris is moved from the temporary debris site to final disposal a load ticket is issued from the monitor. The load is then driven directly to the Final Disposal Site to dispose of the debris in accordance with all federal, state, and local rules and regulations.

TDSRS Breakdown

Site Remediation

When the site is no longer needed, it will be closed once all temporary structures, materials, and waste have been removed from the premise. Aftermath will return the site to its original condition prior to the project, including analyzing site samples to ensure they meet EPA guidelines.

For your convenience, Aftermath will provide written notification of the site closure, including all chain of custody records for the project.

FEMA Reimbursement

Restoration, clean up and emergency work after a disaster is costly. Aftermath can help St. Pete Beach navigate and apply for FEMA reimbursement to obtain emergency funds to support your restoration and repairs. Our goal is to help your community quickly rebuild after an event, and a key part of that process is receiving all the reimbursement to which you are entitled.

Aftermath's team will work with you to ensure you receive any documentation or other essential information from us to complete the process. We work with all stakeholders, such as FEMA representatives, monitoring firms, St. Pete Beach's team, and subcontractors, to ensure maximum eligibility rates.

Overview of the FEMA Process

All projects eligible for FEMA funding follow a similar process. First your local and state governments respond with currently available resources. Then a damage assessment by local, state, and federal agencies determines the loss and recovery needs. Once this has been assessed, the Governor can issue a major disaster declaration and commit state funds to the project. FEMA will then evaluate the request and make their recommendations to the White House for the President to approve or deny a request for a federal emergency declaration. Upon approval, funds will be released shortly after.

To qualify for FEMA reimbursement you must prove:

- The restoration is the result of an emergency or disaster event
- The restoration is located within a designated emergency or disaster area
- The restoration is under your legal responsibility.

We Help:

- Navigate and apply for FEMA Reimbursement
- Gather documentation and essential information from us
- Coordinate with FEMA representative, monitoring firms, and subcontractors for maximum eligibility

If all requirements are met, you can receive funding in as little as a few weeks, or as long as a few months.

Aftermath has worked with many agencies to receive FEMA reimbursements after a disaster. We will help assist and provide guidance on the process as St. Pete Beach needs. If desired, Aftermath will host a FEMA training session to guide your team through the FEMA requirements and how to prepare for them.

AFTERMATH
DISASTER RECOVERY

Demobilization Process

After TDSR closeout procedures have been completed and approved, the Project Manager will begin demobilization to remove all equipment from the area. This process is often completed within 36 hours, including the delivery of all final project reports and documentation.

Post Project

Once St. Pete Beach's project is deemed complete, Aftermath is available for Post-Disaster Recovery meetings to discuss the operations, training, monitoring, and development of the project as a review and for the future preparation of the St. Pete Beach.

Safety Record and Training

Aftermath Disaster Recovery, Inc.'s safety record reflects our commitment to the safety of our crews while being in a high-risk industry. Because we perform virtually all our own work as opposed to subcontracting our labor out, our incident exposure is greater. We have, however, an incentive to ensure a safe work environment and promote a culture of safety because the actual work being performed is covered by our insurance. Our safety manual is available for review upon request.

	2018	2019	2020	2021	2022
Total Recordable Incidents	1	1	0	0	0
Total Lost Workdays	144	30	0	0	0
Total Incidents involving a fatality	0	0	0	0	0
Citations/Violations	0	0	0	0	0
Maritime claims asserted	0	0	0	0	0
General Liability claims asserted	0	0	0	0	0

Safety Training

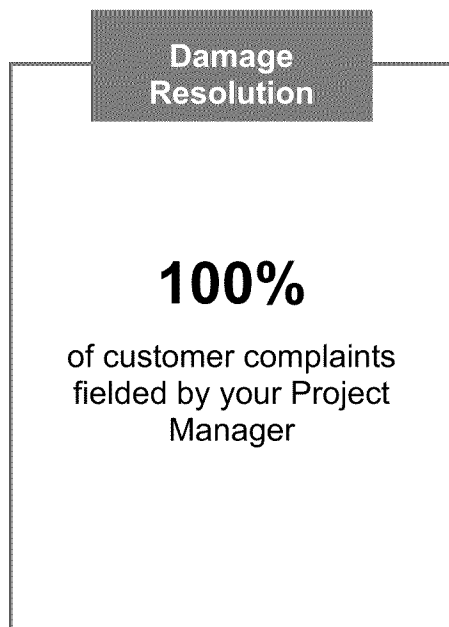
Aftermath provides training for new hires at all levels of responsibility. Supervisors are provided with orientation and trained in all safety rules and materials by top management, and then work alongside current supervisors as a mentor for a two week period to make sure site safety requirements and safety operations are understood.

Our employee training addresses operational issues along with health, safety, and human resources. Because of the nature of our work, it is imperative that our safety policies and procedures are communicated clearly. The safety manager assess training needs and coordinates any necessary training in order to meet the company's minimum training requirements.

We have a track record of consistently and effectively able to fill all requirements put forth by the City of St. Pete Beach.

Documenting and Resolving Damages

Aftermath is dedicated to full transparency during the entire project. While our processes are clearly defined and our team takes special care when on-site, the unpredictability of disaster debris removal sometimes results in incidental damages. In the event that any incidental damages occur, your Project Manager will personally field all complaints to address 100% of community concerns.



To expedite solutions, we aim to resolve all matters typically in one day, but certainly within no more than a few days. If resolutions cannot be reached in this timeframe, the matter will be escalated to Aftermath's general liability carrier immediately.

We take resolving issues seriously, and that's why each step of our process is documented on our tracking form from inception to resolution, ensuring each complaint is adequately addressed. Because our job is to serve St. Pete Beach and the community, we believe that how we handle issues is a direct reflection on our commitment to serve, and we always work to find a speedy resolution.

Incident Report Form



Details from Person Completing the Form					
Today's Date		Time		Incident #	
Name			Title		

Details of the Incident			
Name of Person Reporting			
Phone		Email	
Address of the Incident			
Description of damages			
Name of Contractor/Subcontractor/ Individual (if known)			

Follow Up			
Investigated by		Date	
Plan of action			
Damage Attributed to		Cost	
Expected Date for Resolution			

Closeout	
Date Release Signed	

Sample Incident Report Form

**St. Pete Beach City Commission
Agenda Report**

Issue Considered: Request approval of the unit rate Services Agreement with Rostan Solutions, LLC for Disaster Debris Monitoring & Management Services associated with federally declared disaster events.

Date: May 14, 2024

Prepared By: Mike Clarke, Public Works Director

Through: Wayne Saunders, Interim City Manager

Summary of Issue: The City issued a Request for Proposals (RFP) on February 7, 2024 for the City's Disaster Debris Monitoring & Management unit price contract. In response to this RFP, the City received two (2) submittals from qualified consultants. Upon review and ranking of these proposals by the evaluation committee, the proposal from Rostan Solutions, LLC is the top ranked proposal and has been determined to meet all the requirements outlined in the issued solicitation.

If the City of St. Pete Beach is impacted by a federally declared disaster event, this contract will allow the City to monitor the collection and disposal of debris generated by an event and assist with the reimbursement process from the Federal Emergency Management Agency (FEMA). Since the work performed by Rostan Solutions, LLC is reimbursable by FEMA, this contract will not have any financial limitations. This agreement will remain in effect for three years from the date of contract execution, with the option to renew for two additional one year terms.

Funding: N/A

Requested Motion: "I move to approve the unit rate Services Agreement with Rostan Solutions, LLC for Disaster Debris Monitoring & Management Services associated with federally declared disaster events."

Attachment: Proposal Ranking
Services Agreement
Proposal from Rostan Solutions, LLC

**Reviewed by the
City Manager:** _____

EVALUATION CRITERIA FOR DISASTER DEBRIS MONITORING AND MANAGEMENT SERVICES	Debris Tech		Rostan		
	Weighted Percentage	1-5 Scoring		1-5 Scoring	
The ability, capacity, and skill of the Proposer to perform the contract.	30%	21	6.3	25	7.5
The cost of services provided	25%	25	6.25	18	4.5
The performance of previous contracts and references	25%	20	5	24	6
The sufficiency of financial resources and ability of the Proposer to provide service for the term of the contract, including expenses.	10%	25	2.5	24	2.4
Any other factors determined to be pertinent at the discretion of the Evaluation Committee.	10%	19	1.9	25	2.5
Weighted Ranking	100%	110	21.95	116	22.9

CITY OF ST. PETE BEACH, FLORIDA
SERVICES AGREEMENT

Disaster Debris Monitoring and Management

This is an Agreement (the “Agreement”) entered into by and between the **CITY OF ST. PETE BEACH** (hereinafter "City") and Rostan Solutions, LLC. (hereinafter "Contractor"). The City and Contractor together shall be referred to as the “parties.”

WHEREAS, The City properly issued a Request for Bids, attached and incorporated hereto as Exhibit “B” and the City Commission authorized the selection of Contractor at its [Insert Date] public hearing.

WHEREAS, City desires to purchase from Contractor the services described in this Agreement.

WHEREAS, Contractor is in the business of providing the services described herein, and has submitted an appropriate proposal to the City to provide the same.

WHEREAS, this Agreement has been properly approved by the appropriate authority of the City and the Contractor.

NOW, THEREFORE, upon the mutual covenants contained herein, and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties hereto hereby agree to the following:

1. Recitals. The foregoing recitals are true and correct and incorporated herein by reference.
2. Public Records. The Contractor shall abide by the legal requirements set forth in Florida Statutes, Section 119.0701 and incorporated herein as Exhibit A. **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTORS’ DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (City Clerk, City of St. Pete Beach, Florida, 727-363-9220, cityclerk@stpetebeach.org, 155 Corey Avenue, St. Pete Beach, Florida 33706).**
3. Employment Eligibility. The Contractor shall comply with all local, state and federal directives, orders and law as applicable to the contract. Beginning January 1, 2021, every public employer, contractor, and subcontractor shall register with and use the E-Verify system to verify the work authorization status of all newly hired employees. A public employer, contractor, or subcontractor may not enter into a contract unless each party to the contract registers with and uses the E-Verify system under 448.095, Fla. Stat.
 - a. Contractor agrees to comply with all applicable portions of Fla. Stat. 448.095.

Contractor must use the U.S. Department of Homeland Security's E-Verify System, <https://e-verify.uscis.gov/emp> to verify the employment eligibility of all employees hired on or after January 1, 2021, during the term of this Agreement.

b. Subcontractors (i) Contractor shall also require all subcontractors performing work under this Agreement to use the E-Verify system for any employees they may hire during the term of this Agreement; (ii) Subcontractors shall provide Contractor with an affidavit stating the subcontractor does not employ, contract with, or subcontract with an unauthorized alien, as defined by Fla. Stat. 448.095; (iii) Contractor shall provide a copy of such affidavit to the City upon receipt and shall maintain a copy for the duration of the Agreement.

c. Contractor must provide evidence of compliance with Fla. Stat. 448.095 by January 1, 2021. Evidence may consist of, but is not limited to, providing notices of Contractor's E-Verify number.

d. Failure to comply with this provision is a material breach of the Agreement, and the City may choose to terminate the Agreement at its sole discretion. Contractor may be liable for all costs associated with the City securing the same services, inclusive, but not limited to, higher costs for the same services and rebidding costs, if necessary. Any challenge to termination under this provision must be filed in the Circuit Court no later than 20 calendar days after the date of termination. If this agreement is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public agreement for a period of one (1) year after date of termination.

4. Scope of Services. The Contractor must perform all work for the City required by the contract documents as set forth below:

- a. Contractor will furnish all labor, materials, and equipment necessary as indicated in the Request for Bids (Exhibit B).
- b. Contractor must supervise the work force to ensure that all workers conduct themselves and perform their work in a safe and professional manner. Contractor must comply with all OSHA safety rules and regulations in the operation of equipment and in the performance of the work. Contractor must at all times have a competent field supervisor on the job site to enforce these policies and procedures at the Contractor's expense.
- c. Contractor will provide the City with seventy-two (72) hours written notice prior to the beginning of work under this Agreement and prior to any schedule change with the exception of changes caused by inclement weather.
- d. Contractor must comply with any and all Federal, State, and local laws and regulations now in effect, or hereinafter enacted during the term of this Agreement, which are applicable to the Contractor, its employees, agents or subcontractors, if any, with respect to the work and services described herein. The Contractor further warrants that there has been no violation of copyrights or patent rights either in the United States of America or in foreign countries in connection with the work of the contract.
- e. Contractor warrants to the City that all goods and materials furnished under the contract

will be new unless otherwise specified and that contractor possesses good, clear, and marketable title to said goods and there are no pending liens, claims, or encumbrances whatsoever against said goods. All work not conforming to these requirements, including substitutions not properly approved and authorized may be considered defective. Contractor further warrants that all goods, materials and workmanship furnished, whether furnished by the Contractor or its subcontractors and suppliers, will comply with the specifications, drawings and other descriptions supplied or adopted. Last, Contractor warrants all material and workmanship for a minimum of (1) year from date of project completion and acceptance by the City. If within one (1) year after acceptance by the City, or within such larger period of time as may be prescribed by law any of the work is found to be defective or not in accordance with the contract documents, the Contractor will, after receipt of a written notice from the City to do so, promptly correct the work.

5. Damages. Time is of the essence in the performance of this Agreement. City shall be entitled to liquidated damages in the amount of \$500 per day, for each day after the date set forth in paragraph 10, that Contractor has failed to properly and completely deliver all goods or provide all service specified herein. The Contractor specifically acknowledges that the foregoing sum is reasonable and does not constitute a penalty.
6. Remedies.
 - a. Damages. The City reserves the right to recover any ascertainable actual damages incurred as a result of the failure of the Contractor to perform in accordance with the requirements of this Agreement, or for losses sustained by the city resultant from the Contractor's failure to perform in accordance with the requirements of this Agreement.
 - b. Correction of Work. If, in the judgment of the City, work provided by the Contractor does not conform to the requirements of this Agreement, or if the work exhibits poor workmanship, the city reserves the right to require that the Contractor correct all deficiencies in the work to bring the work into conformance without additional cost to the City, and/or replace any personnel who fail to perform in accordance with the requirements of this Agreement. The City is the sole judge of non-conformance and the quality of workmanship.
7. Waiver of Liens. Prior to final payment of the Contract Sum, a final waiver of lien must be submitted by all suppliers, subcontractors, and/or Contractors who worked on the project that is the subject of this Agreement.
8. Warranties.
 - a. Warranty of Title. Contractor warrants to the City that all goods and materials furnished under the contract will be new unless otherwise specified and that Contractor possesses good, clear, and marketable title to said goods and there are no pending liens, claims, or encumbrances whatsoever against said goods. All work not conforming to these requirements, including substitutions not properly approved and authorized may be considered defective.

- b. Warranty of Specifications. The Contractor warrants that all goods, materials, workmanship furnished, whether by the Contractor or its subcontractors and suppliers, will comply with the specifications, drawings and other descriptions supplied or adopted.
 - c. Warranty of Merchantability. The Contractor warrants all material and workmanship for a minimum of one (1) year from date of project completion and acceptance by the City. If within one (1) year after acceptance by the city, or within such larger period of time as may be described by law any of the work is found to be defective or not in accordance with the contract documents, the Contractor must after receipt of a written notice from the City to do so, promptly correct the work unless the City has previously given the Contractor a written acceptance of such condition.
9. Completion Date. Contractor shall provide the services, described herein to be completed within (3) three years of the agreement.
10. Term. [This Agreement will remain in effect for a period of (3) three years with (2) two one year extensions from the Effective Date.]
11. Effective date. The “Effective Date” of this Agreement shall be the date this Agreement has been executed by all parties.
12. Termination. This Agreement may be canceled by the City when:
- a. Sufficient funds are not available to continue its full and faithful performance to the Agreement.
 - b. Sub-standard or non-performance of Agreement.
 - c. The City wishes to terminate the Agreement at any time and for any reason, upon giving thirty (30) days prior written notice to the Contractor.
13. Fiscal Non-funding. If funds for the requested services described herein are not appropriated via the annual budget adoption process, the City reserves the right to cancel the Agreement immediately upon written notice to the Contractor.
14. Non-Exclusivity. Contractor acknowledges that the City may enter into agreements with other consultants or may have its own employees complete the work for services similar to the services that are subject to this Agreement.
15. Compensation. Upon Contractor's satisfactory performance of the services provided under this agreement and described more specifically in Exhibit B, City shall pay Contractor in accordance with the payment schedule provided in the attached vendor proposal (Exhibit C).
16. Insurance. To the extent that this Agreement requires Contractor to provide any services of any kind, Contractor and all of Contractor's subcontractors shall maintain public liability insurance in a combined single limit for bodily injury and property damage in the amount of not less than \$1,000,000.00, satisfactory to the City Manager, naming the City as an additional insured and providing coverage up through and including the final performance of any services provided herein. Contractor and all of Contractor's subcontractors shall maintain

in full force and effect a policy of worker's compensation insurance for all of Contractor's employees in accordance with applicable state and federal law. Said insurance coverage shall include employer's liability with a single limit of \$100,000.00 per accident or occurrence. Contractor shall present City with a certificate for all the foregoing insurance, at the time of executing this Agreement and at such other times requested by the City.

The Contractor waives all rights against the City, its consultants, separate contractors, if any, and any of its subcontractors, agents and employees, for any and all damages caused to the extent covered by insurance described herein and obtained pursuant to this Section or other property insurance applicable to the services and product provided under this Agreement. The City shall require of the Contractor, Contractor's consultants, separate contractors, if any, and the subcontractors, sub-subcontractors, agents and employees of any of them, by appropriate agreements, written where legally required for validity, similar waivers each in favor of other parties enumerated herein. The policies shall provide such waiver of subrogation by endorsement otherwise. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, did not pay the insurance premium directly or indirectly, and whether or not the person or entity had an insurable interest in the property damaged.

17. Indemnification. In consideration of the payment of ten dollars as part of the compensation described herein, Contractor shall indemnify, defend and hold the City harmless for itself, its past/present/future elected and appointed officials, its employees, agents and assigns, from and against any and all losses, claims, damages, suits, actions, liability or demands, including attorneys' fees and costs of litigation through all appellate proceedings, arising from the performance or non-performance of this Agreement, whether caused in part by the City or not, and in connection with violations of copyrighted or trademarked materials used by Contractor, loss of life, bodily or personal injury, or property damage, including loss of use thereof, directly or indirectly caused by, resulting from, arising out of or occurring in connection with the operations of the Contractor or its officers, employees, agents, subcontractors, or independent Contractors, excepting only such loss of life, bodily or personal injury, or property damage solely attributable to the gross negligence or willful misconduct of the City or its elected or appointed officials and employees. In any and all claims against the City, or any of their agents or employees by any employee of the Contractor any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this paragraph is not limited in any way by any limitation in this amount or type of damages compensation or benefits payable by or for the Contractor or any subcontractor under Workers' Compensation Acts, Disability Benefit Acts or other Employee Benefit Acts. Nothing contained herein is intended nor may it be construed, to waive City's rights and immunities under the common law or Section 768.28, Florida Statutes, as amended from time to time; nor will anything included herein be construed as consent to be sued by any third parties in any matter arising out of this Agreement. To the extent considered necessary by the Contract Administrator and the City Attorney, any sums due Contractor under this Agreement may be retained by the City until all of the City's claims subject to this indemnification obligation have been settled or otherwise resolved, and any amount withheld is not subject to payment of interest by the City. The above provisions will survive the termination or expiration of this Agreement and will pertain to any occurrence during the term of this Agreement, even though the claim may be made after the termination or

expiration hereof.

18. Discriminatory Vendor List. Contractor hereby acknowledges its continuous duty to disclose to the City if the Contractor or any of its affiliates, as defined by Section 287.134 (1)(a), Florida Statutes, are placed on the Discriminatory Vendor List. Pursuant to Section 287-134 (2)(a), Florida Statutes: “An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to a public entity; may not submit a bid or proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.”

19. Independent Contractor. This Agreement does not create an employee/employer relationship between the parties. It is the intent of the parties that the Contractor is an independent contractor under this Agreement and not the City’s employee for any purposes, including but not limited to, the application of the Fair Labor Standards Act minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, the State Worker’s Compensation Act, and the State Unemployment Insurance law. The Contractor will retain sole and absolute discretion in the judgment of the manner and means of carrying out Contractor’s activities and responsibilities hereunder provided, further that administrative procedures applicable to services rendered under this Agreement will be those of Contractor, which policies of Contractor will not conflict with City, State, or United States policies, rules, or regulations relating to the use of Contractor’s funds provided for herein. The contractor agrees that it is a separate and independent enterprise from the City, that it had full opportunity to find other business, that it has made its own investment in it business, and that it will utilize a high level of skill necessary to perform the work. This Agreement must not be construed as creating any joint employment relationship between the Contractor and the City and the City will not be liable for any obligation incurred by Contractor, including but not limited to unpaid minimum wages and/or overtime premiums.

20. Audit Rights. The City reserves the right to audit the records of the Contractor for the commodities and/or services provided under the contract at any time during the performance and term of the contract and for a period of five (5) years after completion and acceptance by the City. If required by the City, the Contractor agrees to submit to an audit by an independent certified public accountant selected by the City. The Contractor must allow the City to inspect, examine and review the records of the Contractor in relation to this Agreement at any an all times during normal business hours during the term of the Agreement.

21. Exhibits. The following Exhibits shall be attached, incorporated, and made a part of this Agreement:

- a. Florida public records law (Exhibit “A”)
- b. Request for Bid (Exhibit “B”)
- c. Vendor Proposal (Exhibit C)

22. Notices. All notices sent pursuant to this Agreement shall be given in writing via certified

mail or overnight courier and shall be delivered to the following addresses:

As to Contractor:

Rostan Solutions, LLC.
3433 Lithia Pinecrest Road
Suite 287
Valrico, FL 33596

As to City:

City Manager
City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, FL 33706

With Copy To:

tmays@rostan.com

With Copy To:

cityattorney@stpetebeach.org

23. Conflicts and Severability. To the extent that any terms in the attached proposal conflict with the terms of this Agreement, the terms of this Agreement shall control and supersede such conflicting terms in the attached proposal, to the extent of such conflict. If any section, part of section, paragraph, clause, phrase, or word of this Agreement is declared invalid, the remaining provisions of this Agreement shall not be affected.

24. Amendments. This document and exhibits embody the entire Agreement of the parties. There are no promises, terms, conditions, or representations binding on either party hereto, other than those contained herein; and this document shall supersede all previous communications, representations, and/or agreements between the parties hereto, whether written or oral. This Agreement shall not be modified by any oral statement, communication, Agreement, course of conduct, or by anything other than a writing signed by the parties. This Agreement may be amended or modified only in writing signed by all parties hereto.

25. Jurisdiction, Venue, Attorney Fees. This Agreement shall be governed and construed according to the laws of Florida, and venue for any action arising herefrom shall be in Pinellas County, Florida. The prevailing party in any action to enforce or interpret this Agreement shall be entitled to reasonable attorney's fees incurred through all appellate proceedings.

26. Assignment. This Agreement shall be binding upon the parties, their successors, assigns, and legal representatives. Contractor shall not assign or otherwise transfer any of the rights or duties under this Agreement, without the express written consent of the City.

27. Counterparts. This Agreement may be executed and delivered in any number of counterparts, each of which so executed and delivered shall be deemed to be an original and all of which shall constitute one and the same instrument. Facsimile, documents executed, scanned and transmitted electronically and electronic signatures shall be deemed original signatures for purposes of this Agreement and all matters related thereto, with such facsimile, scanned and electronic signatures having the same legal effect as original signatures.

28. Authority. Contractor hereby acknowledges that the person executing this Agreement on behalf of Contractor has the full authority to do so and to bind Contractor to the terms hereof.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the day and year set forth below.

City of St. Pete Beach:

Signature: 

By: Travis Mays

Its: Vice President

Date: 03/26/2024

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY:

Andrew Dickman
City Attorney

Signature: _____

By: Wayne Saunders

Its: City Manager

Date: _____

ATTEST:

Amber LaRowe
City Clerk

EXHIBIT “A”

Florida Public Records Law

119.0701 Contracts; public records; request for contractor records; civil action.

(1) DEFINITIONS. —For purposes of this section, the term:

(a) “Contractor” means an individual, partnership, corporation, or business entity that enters into a contract for services with a public agency and is acting on behalf of the public agency as provided under s. 119.011(2).

(b) “Public agency” means a state, county, district, authority, or municipal officer, or department, division, board, bureau, commission, or other separate unit of government created or established by law.

(2) CONTRACT REQUIREMENTS. —In addition to other contract requirements provided by law, each public agency contract for services entered into or amended on or after July 1, 2016, must include:

(a) The following statement, in substantially the following form, identifying the contact information of the public agency’s custodian of public records in at least 14-point boldfaced type:

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR’S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (telephone number, e-mail address, and mailing address).

(b) A provision that requires the contractor to comply with public records laws, specifically to:

1. Keep and maintain public records required by the public agency to perform the service.
2. Upon request from the public agency’s custodian of public records, provide the public agency 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 this chapter or as otherwise provided by law.
3. 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 the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.
4. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency’s custodian of public records, in a format that is compatible with the information technology systems of the public agency.

EXHIBIT “B”

(Place Request for Bid behind this page)

Exhibit “C”

(Place Vendor’s Bid Behind this Page)



DISASTER DEBRIS MONITORING & MANAGEMENT SERVICES



Request for Proposals | March 7, 2024



Photo Courtesy: NOAA

DISASTER DEBRIS MONITORING & MANAGEMENT SERVICES FOR THE CITY OF ST. PETE BEACH, FL



SUBMITTED BY

ROSTAN SOLUTIONS, LLC

3433 Lithia Pinecrest Road
Suite 287

Valrico, Florida 33596

Travis Mays, Vice President

Office: 813.333.7042

Mobile: 713.823.2002

Fax: 813.333.7330

Email: tmays@rostan.com

Website: www.rostan.com

ROSTAN
SOLUTIONS



ROSTAN SOLUTIONS, LLC
3433 Lithia Pinecrest Road, Suite 287
Valrico, FL 33596
T: 813.333.7042 | F: 813.333.7330
www.rostan.com

March 7, 2024

City of St. Pete Beach
Office of the City Clerk
Attn: John Taylor, Procurement Manager
155 Corey Avenue
St. Pete Beach, Florida 33706

Re: Request for Proposals — Disaster Debris Monitoring & Management Services

Dear Mr. Taylor and Selection Committee Members,

It is with great pleasure that Rostan Solutions, LLC (hereinafter, Rostan) submits our proposal in response to the City of St. Pete Beach's (hereinafter, City) request for proposals for disaster debris monitoring and management services. Serving as the City's debris monitoring services provider since 2016, we have had the fortune (or misfortune depending on perspective) of activating in response to debris-generating events on three occasions. Working alongside and in coordination with Mr. Clarke, Ms. Kurant, and Mr. Warner among others, we responded timely and with a sense of urgency in response to Hurricane's Irma, Ian, and Idalia in 2017, 2022, and 2023 respectively. We believe our partnership has served the interests of both the City and Rostan, and we remain committed to serving the City and its residents for years to come.

Our mission is to promote and implement responsible solutions to ensure communities are better prepared to respond to, and expeditiously recover from, disaster events.

FLORIDA PRESENCE

Rostan is a Florida-domiciled disaster consulting firm that started in the late 1990's as a service line under Malcolm Pirnie, Inc. in Ybor City (Tampa Bay area). Formed as a wholly owned subsidiary in 2006, Rostan was purchased as part of an acquisition by Arcadis-US, Inc in 2009. In 2013 Rostan was divested, becoming a private, independent firm based in Florida. In more than 20 years serving in the marketplace, Rostan has held contracts with clients in 24 Florida counties and has been activated by multiple Florida communities following every declared disaster since 2004.

Many of Rostan's key stakeholders including our President, Executive Vice President, Vice President – Consulting Services, Attorney/Policy Lead, and Director of Monitoring Programs are all Florida residents. Additionally, Rostan employs several additional technical/consulting professionals that reside in the Sunshine State. Our team will be available to provide high-level guidance and technical expertise to the City as requested and without compromise.

NATIONAL EXPERIENCE

Rostan stands proud, having serviced more than 250 clients in 24 US states and territories to include conducting more than 50 debris monitoring projects since Hurricane Irma in 2017. Rostan has provided services to all levels of government including the United States Government through the United States Army Corps of Engineers (USACE), select state-level programs including in Florida through FDEM, and numerous local governments/agencies. This includes debris monitoring projects of all sizes from small, localized floods generating less than 1,500 CY of debris to massive 25 Million+ CY projects incorporating multiple state-level agencies and dozens of local governments. Our team has pursued reimbursement through the Public Assistance grant program in seven (7) of the ten (10) FEMA Regions, including Region 4, and our continued relationship with FDEM will yield tremendous benefits to the City. Our team harnesses hundreds of years of collective experience working with federal grant programs and has managed billions of dollars in post-disaster projects and grant funding efforts in the US and its territories for our clients.

STAFF EXPERTISE

Rostan has an immensely deep bench, incorporating seasoned professionals from a broad range of expertise and backgrounds. Our personnel represent career industry professionals, technical experts, former FEMA and state emergency management employees, attorneys and legal/policy experts, engineers and facilities professionals, and a veteran debris operations team. There is not a single part of the scope of services that we are not well positioned to provide with efficiency and professionalism. Our collective expertise includes work on more than 50 Major Disaster Declarations.

Rostan's Project Manager(s), Chris Bellavia or Devin Cerrato, will be available on the project site as needed should an activation occur.

CUTTING EDGE TECHNOLOGY



For nearly 20 years, HaulPass® has been recognized as the original and most trusted name in automated debris management systems (ADMS). Developed by Rostan following Hurricane Katrina, HaulPass® led the digital wave, replacing traditional 5-ply carbon ticketing methods. In 2018, HaulPass® began an extensive redevelopment process to capitalize on emerging technologies and to move to a new operating platform. The new HaulPass® went live in response to Hurricane Dorian in the fall of 2019 and has been utilized on 30 projects (including on two projects for the City) since that time with phenomenal results. Rostan has invested more than \$2 million in HaulPass® in the last four years and is continually innovating and developing new features to remain at the forefront of the ADMS industry. *Since HaulPass® was developed, we have never delayed a recovery effort, stopped work, or been forced to use another data collection method.*

COST INTEGRITY

We recognize, while health and safety of the community are priority, that cost ultimately plays a factor in deciding who the City contracts with. Rostan fully understands the anticipated scope for this project and has provided hourly rates for each position provided on the cost proposal form. Each role/rate was carefully considered on its own merit, accounts for current and perceived future market conditions, and aligns with similar contracts held in the region.

We will continue, as previously exemplified, to make all reasonable efforts to ensure staffing levels are optimized to provide *appropriate* project oversight and responsiveness to the City. We will be working closely with the debris contractor to plan daily projects activities and assign monitors and supervisory staff accordingly.

POINT OF CONTACT

I will continue to serve as the primary contact for the City and may be reached via the below points of contact.

ADMINISTRATIVE CONTACT	
NAME	Travis Mays
TITLE	Principal/Vice President
ADDRESS	3433 Lithia Pinecrest Road, Suite 287 Valrico, FL 33596
PHONE	713-823-2002
FAX	813-333-7330
EMAIL	tmays@rostan.com

In closing, I personally commit Rostan, including our resources and expertise, to respond to any future needs that may arise during the life of a resulting contract. If you should have any questions or require any additional information, please do not hesitate to contact us. We appreciate your fair consideration and believe our proposal offers a personalized and fiscally responsible approach to the services requested.

Very truly yours,



Travis Mays
Principal/Vice President
Rostan Solutions, LLC



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DISASTER DEBRIS MONITORING & MANAGEMENT SERVICES



Request for Proposals | March 7, 2024



DISASTER DEBRIS MONITORING & MANAGEMENT SERVICES FOR THE CITY OF ST. PETE BEACH, FL

SECTION 1 – ADMINISTRATIVE REQUIREMENTS

Contractor's Proposal Submittal

Fee Schedule

Proof of Insurance

Bonding Capability Letter

Public Entity Criminal Affidavit

Non-Collusion Affidavit

Addendum Acknowledgement

SUBMITTED BY

ROSTAN SOLUTIONS, LLC

3433 Lithia Pinecrest Road
Suite 287

Valrico, Florida 33596

Travis Mays, Vice President

Office: 813.333.7042

Mobile: 713.823.2002

Fax: 813.333.7330

Email: tmays@rostan.com

Website: www.rostan.com



II. CONTRACTOR'S PROPOSAL SUBMITTAL

The company that is submitting a proposal declares that it has extensive experience in disaster debris monitoring & management services.

The undersigned, as Proposer, hereby declares that the only person or persons interested in the Proposal as principal or principals are named herein, and that no other person than herein mentioned has any interest in the Proposal or in the Agreement to be entered into; that this Proposal or Agreement is made without connection with any other person, company, or parties making a Proposal; and that it is in all respects fair and in good faith without collusion or fraud.

The Proposer further declares that they have examined the site of the work and informed themselves fully in regard to all conditions pertaining to the place where the work is to be done; that they have examined any Plans and Specifications for the work and Contract Documents relative thereto, and have read all special provisions furnished prior to the opening of proposals; and that they have satisfied themselves relative to the materials to be supplied and work to be performed.

The Proposer proposes and agrees, if the Proposal is accepted, to contract with the City of St. Pete Beach, Florida, in the form of an Agreement specified for "**Disaster Debris Monitoring & Management Services**" in St. Pete Beach, Florida, in full and complete accordance with the shown, noted, described, and reasonably intended requirements of any Plans, Specifications, and Contract Documents, to the full and entire satisfaction of the City of St. Pete Beach, Florida.

The successful Proposer shall be required to utilize the template Agreement in this Request for Proposals (RFP) and any questions regarding the Agreement must be addressed during the RFP process before submittal. The City reserves the right to respond or not respond to questions in the form of an addendum.

The Proposer proposes to furnish all materials, equipment, labor, and perform the work submitted in their fee schedule for the City of St. Pete Beach "**Disaster Debris Monitoring & Management Services**".

COMPANY: Rostan Solutions, LLC DATE: 3/4/2024
ADDRESS: 3433 Lithia Pinecrest Road, Suite 287
Vero, FL 33596 PHONE: 813-333-7042
PROPOSER: (SIGNATURE) NAME: Travis Mays, Principal/Vice President
(PRINT NAME & TITLE)
STATE OF SOUTH CAROLINA
COUNTY OF Charleston

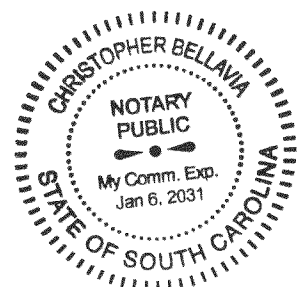
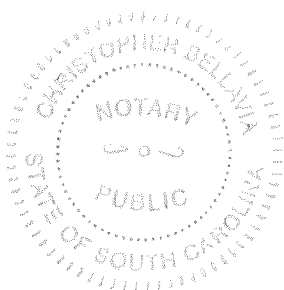
The foregoing instrument was sworn to (or affirmed), subscribed, and acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 4th day of March, 2024, by Travis Mays, who is personally known to me or has produced _____ as identification.

(SEAL)

(Signature)
Notary Public – State of South Carolina

Christopher Bellavia
(Print, Type, Stamp, or Commissioned
Name of Notary Public)

SUBMIT PROPOSAL TO:
OFFICE OF THE CITY CLERK, CITY OF ST. PETE BEACH
155 COREY AVENUE, ST. PETE BEACH, FLORIDA 33706



III. FEE SCHEDULE

Disaster Debris Monitoring & Management Services

The following list of labor rates are to be fully burdened and all-inclusive of all taxes, benefits, fringe benefits, overhead and profits, insurance, hand tools, supervision, fuel, and any other incidental costs (excluding lodging, meals, and transportation) in hourly labor rates.

ITEM	DESCRIPTION	ESTIMATED QTY.	UNIT PRICE	PRICE
1	Project Manager	100 Hours	\$ 95.00	\$ 9,500.00
2	Debris Monitor Supervisor	250 Hours	\$ 50.00	\$ 12,500.00
3	Loading Site Monitor	500 Hours	\$ 37.50	\$ 18,750.00
4	Debris Management Site Monitor	100 Hours	\$ 37.50	\$ 3,750.00
5	Roving Debris Monitor	500 Hours	\$ 37.50	\$ 18,750.00
6	Debris Management Consultant	50 Hours	\$ 130.00	\$ 6,500.00
7	Clerical / Administrative Support	500 Hours	\$ 30.00	\$ 15,000.00
TOTAL (Items 1- 7):				\$ 84,750.00

The above hours are not intended to represent the actual contract amount but are an estimated amount for a 3-year performance period. These numbers will be used for evaluation purposes and accepted hourly rates will be incorporated into the resulting contract.

Company Name Rostan Solutions, LLC

Proposer Name/Title Travis Mays, Principal/Vice President

Proposer Signature 

Date 3/4/2024

Comments regarding Fee Schedule:

Rostan exclusively uses the HaulPass® ADMS for all data collection efforts. Costs associated with the

utilization and deployment of HaulPass® are included in the above listed rates.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

09/27/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER LassiterWare LLC 1300 N. Westshore Blvd. Suite 110 Tampa FL 33607	CONTACT NAME: Wendy Tyree PHONE (A/C, No, Ext): (800)845-8437 E-MAIL ADDRESS: wendyt@lassiterware.com FAX (A/C, No): (888)883-8680
INSURED Rostan Solutions, LLC 3433 Lithia Pinecrest Road Suite 287 Valrico FL 33596	INSURER(S) AFFORDING COVERAGE INSURER A: Homeland Insurance Company of New York INSURER B: Travelers Cas Ins Co of America INSURER C: Travelers Casualty and Surety Company INSURER D: INSURER E: INSURER F:
	NAIC # 34452 19046 19038

COVERAGES**CERTIFICATE NUMBER:** 23-24 Cert**REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Contractors Pollution Liability GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC OTHER:			793012804-0000	09/29/2023	09/29/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000
B	AUTOMOBILE LIABILITY ☒ ANY AUTO OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ HIRED AUTOS ONLY ☒ NON-OWNED AUTOS ONLY			BA2X1929892347G	09/29/2023	09/29/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ Uninsured motorist BI- \$ 1,000,000
A	☐ UMBRELLA LIAB ☒ OCCUR ☒ EXCESS LIAB ☐ CLAIMS-MADE DED RETENTION \$			793012805-0000	09/29/2023	09/29/2024	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N ☒ N	N / A	UB5J8648192347G	09/29/2023	09/29/2024	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Professional Liability (Claims-Made) Limits included with General Liability			793012804-0000	09/29/2023	09/29/2024	Each Claim \$1,000,000 Aggregate \$2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER**CANCELLATION**City of St. Pete Beach
155 Corey Avenue

St Pete Beach

FL 33706

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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January 10, 2024

RE: Rostan Solutions, LLC

To Whom It May Concern:

This is to advise you that our office provides suretyship for **Rostan Solutions, LLC**. The name of their Surety is **The Gray Insurance Company**, who is rated "A- VIII" by A.M. Best and appears on the U.S. Treasury Circular 570 of approved sureties.

Based upon normal and standard underwriting criteria at the time of the request **The Gray Insurance Company** should be in a position to provide **Rostan Solutions, LLC** Performance and Payment Bonds for single projects in the amount of **\$5,000,000.00** and aggregate support in the amount of **\$10,000,000.00** and we would certainly entertain higher limits if the need ever arose. We reserve the right to review final contractual documents, bond forms and obtain satisfactory evidence of funding prior to final commitment to issue bonds.

Rostan Solutions, LLC is an excellent contractor and we hold them in highest regard. We feel extremely confident in our contractor and encourage you to offer them an opportunity to execute any upcoming projects.

This letter is not an assumption of liability, nor is it a bid or performance and payment bond. It is issued only as a bonding reference requested by our respected client.

If you should have any questions, please do not hesitate to give me a call.

Sincerely,

Jessica Reno
Producer
727.258.0807

IX. PUBLIC ENTITY CRIMINAL AFFIDAVIT

SWORN STATEMENT – PUBLIC ENTITY CRIMES

PURSUANT TO SECTION 287.133(3)(a), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THE FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to: City of St. Pete Beach

by: Travis Mays, Principal/Vice President
(Print individual's name and title)

for: Rostan Solutions, LLC
(Print name of entity submitting sworn statement)

at: 3433 Lithia Pinecrest Road, Suite 287, Valrico, FL 33596
(Business address)

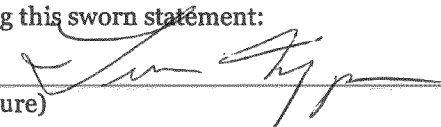
and (if applicable), its Federal Employer Identification Number (FEIN):

20-5425053
(FEIN)

or, if the entity has no FEIN, include the Social Security Number:

(SSN)

by the individual signing this sworn statement:


(Signature)

2. I understand that a "public entity crime" as defined in Section 287.133 (1)(g), Fla. Stat., means a violation of any State or Federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States including, but not limited to, any bid or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
2. I understand that "convicted" or "conviction" as defined in Section 287.133 (1)(b), Fla. Stat., means a finding of guilt or a conviction of public entity crime with or without an adjudication of guilt in any Federal or State trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
4. I understand that an "affiliate" as defined in Section 287.133 (1)(a), Fla. Stat., means:
- a. A predecessor or successor of a person convicted of a public entity crime or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one (1) person of shares constituting a controlling interest in another person or a pooling of equipment or income among persons when not for fair market value under the Arm's Length Agreement, shall be a prima facie case that one (1) person controls another person. A

person who knowingly enters into a joint venture with a person who has been convicted of a public crime in Florida during the preceding thirty-six (36) months shall be considered an affiliate.

5. I understand that a "person" as defined in Section 287.133 (1)(e), Fla. Stat., means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

6. Based on information and belief, the **statement which I have marked below is true** in relation to the entity submitting this sworn statement (indicate which statement applies).

X Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

___ The entity submitting this sworn statement or one (1) or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

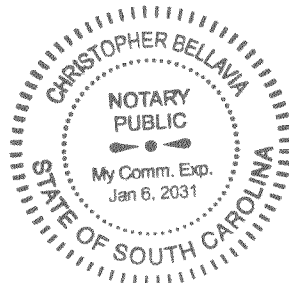
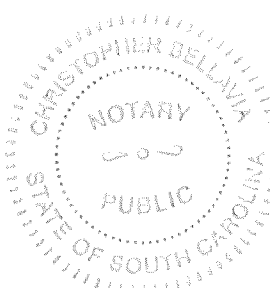
___ The entity submitting this sworn statement or one (1) or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Office of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list (attach a copy of the final order).

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICE FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 ABOVE IS FOR THE PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLA. STAT., FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

STATE OF SOUTH CAROLINA
COUNTY OF Charleston

The foregoing instrument was sworn to (or affirmed), subscribed, and acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 4th day of March, 2024, by Travis Mays, who is personally known to me or has produced _____ as identification.

(SEAL)



Christopher Bellavia
Notary Public - State of South Carolina

Christopher Bellavia
(Print, Type, Stamp, or Commissioned Name of Notary Public)

X. NON-COLLUSION AFFADAVIT

STATE OF South Carolina
COUNTY OF Charleston

I state that I Travis Mays, Principal/Vice President of Rostan Solutions, LLC,
(Name and Title) (Name of Firm)

am authorized to make this affidavit on behalf of my firm and its owner, directors and officers. I am the person responsible in my firm for the price(s) and amount(s) of this Response, and the preparation of the Response. I state that:

1. The price(s) and amount(s) of this Response have been arrived at independently and without consultation, communication or agreement with any other Provider, potential provider, Proposal, or potential Proposal.
2. Neither the price(s) nor the amount(s) of this Response, and neither the approximate price(s) nor approximate amount(s) of this Response, have been disclosed to any other firm or person who is a Provider, potential Provider, Proposal, or potential Proposal, and they will not be disclosed before Proposal opening.
3. No attempt has been made or will be made to induce any firm or persons to refrain from submitting a Response for this contract, or to submit a price(s) higher than the prices in this Response, or to submit any intentionally high or noncompetitive price(s) or other form of complementary Response.
4. The Response of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other noncompetitive Response.
5. Rostan Solutions, LLC, its affiliates, subsidiaries, officers, director, and employees (Name of Firm) are not currently under investigation, by any governmental agency and have not in the last three years been convicted or found liable for any act prohibited by State or Federal law in any jurisdiction, involving conspiracy or collusion with respect to Proposal, on any public contract, except as follows:

I state that I and the named firm understand and acknowledge that the above representations are material and important, and will be relied on by the State of Florida for which this Response is submitted. I understand and my firm understands that any misstatement in this affidavit is, and shall be treated as, fraudulent concealment from the State of Florida of the true facts relating to the submission of responses for this contract.

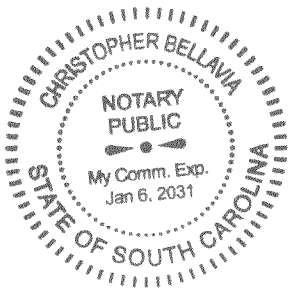
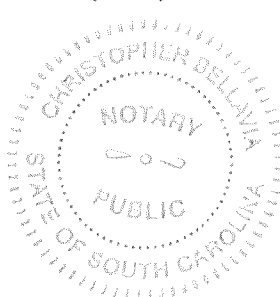
Name of Organization: Rostan Solutions, LLC

Signed By: [Signature]

Print Name: Travis Mays

The foregoing instrument was sworn to (or affirmed), subscribed, and acknowledged before me by means of ☒ physical presence ⁴ or ☐ online notarization, this 4th day of March, 2024, by Travis Mays, who is personally known to me or has produced _____ as identification.

(SEAL)



[Signature]
Notary Public – State of South Carolina

Christopher Bellavia

(Print, Type, Stamp, or Commissioned Name of Notary Public)



155 Corey Avenue
St. Pete Beach, FL 33706-1839
www.stpetebeach.org

Addendum I

Disaster Debris Monitoring and Management

Issued February 20, 2024

Note that this Addendum does not change the bid due date and time as stated in the above referenced RFB. Sealed bids still must be received by 9:00 AM on 3/07/2024, in the Office of the City Clerk, 155 Corey Avenue, St. Pete Beach Florida at which time they will be publicly opened and read. All bidders are invited to attend this bid opening, which will be held immediately following the closing time specified. Bids received after the deadline will not be accepted.

1. Is there a specific scoring percentage used to determine how much weight is given to each of the proposal sections?
 - a. Scoring percentages will be completed internally prior to bid opening.
2. As an Automated Debris Management System has become the industry standard for debris monitoring, should ADMS pricing be included in all position rates that will require the use of an ADMS? Should a Proposer choose to propose rates with an ADMS fee separately, should that Proposer specify exactly which positions would be charged that additional ADMS fee and include that additional fee in the total costs (hourly or lump sum) so that the City of St. Pete Beach can accurately assess the overall cost of the proposal?
 - a. This could be added as alternative pricing and shown separately.



155 Corey Avenue
St. Pete Beach, FL 33706-1839
www.stpetebeach.org

Addendum II

Disaster Debris Monitoring and Management

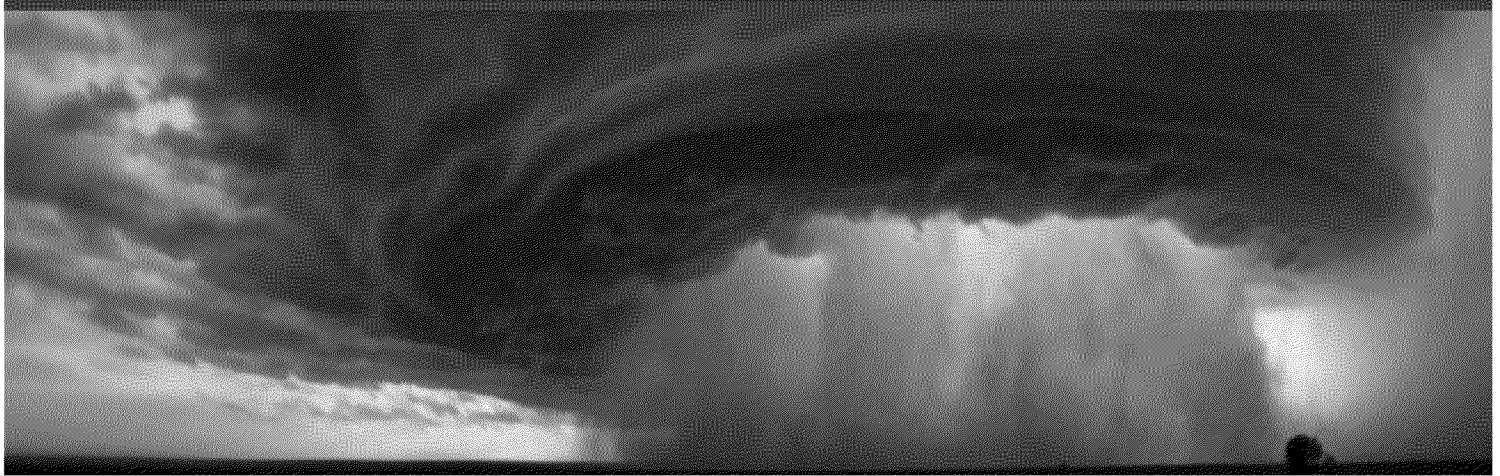
Issued March 05, 2024

Note that this Addendum does not change the bid due date and time as stated in the above referenced RFB. Sealed bids still must be received by 9:00 AM on 3/07/2024, in the Office of the City Clerk, 155 Corey Avenue, St. Pete Beach Florida at which time they will be publicly opened and read. All bidders are invited to attend this bid opening, which will be held immediately following the closing time specified. Bids received after the deadline will not be accepted.

1. RFP pg. 24, **V. Equipment & Personnel**, is requesting information about loading and hauling equipment and appears to be directed toward the debris hauler, not the monitoring firm. Is this form required for submittal?
 - a. This would be for the Collection and Removal Vendor not the monitoring firm.



DISASTER DEBRIS MONITORING & MANAGEMENT SERVICES



Request for Proposals | March 7, 2024



Photo Courtesy: NOAA

DISASTER DEBRIS MONITORING & MANAGEMENT SERVICES FOR THE CITY OF ST. PETE BEACH, FL

SECTION 2 – HISTORY AND CAPABILITIES OF THE FIRM

- 2.1 Executive Summary
- 2.2 Rostan Team Profile
- 2.3 Experience Overview
- 2.4 Past Five Years' Similar Projects
- 2.5 References

SUBMITTED BY

ROSTAN SOLUTIONS, LLC

3433 Lithia Pinecrest Road
Suite 287

Valrico, Florida 33596

Travis Mays, Vice President

Office: 813.333.7042

Mobile: 713.823.2002

Fax: 813.333.7330

Email: tmays@rostan.com

Website: www.rostan.com



2.1 EXECUTIVE SUMMARY

An effective and timely recovery requires leadership, direction, and the ability to bring project stakeholders (including state and federal agencies) together to work towards common goals. A successful recovery program will ensure a timely return to full functionality as a more resilient City, and our leadership and team members, presented herein, possess the capabilities and experience to manage outcomes and maximize results.

Rostan is not your typical disaster recovery firm. Whether we are helping communities recover from natural disasters, safeguarding and maintaining critical power infrastructure, or providing innovative strategies for in-kind matching components, we go to work each day knowing that we are making a positive impact for our clients. These are huge responsibilities, and we take pride in providing a successful and expedient path forward. Thinking differently and challenging the norm is where we thrive. Every day we plan for the unexpected, develop critical insights, and deliver new, creative, and adaptive solutions. No matter the situation, Rostan is your partner and advocate. We serve as a critical intermediary between state and federal agencies allowing you, the City, to focus on your primary mission.



For each engagement, we use a proven project delivery and control system that is customized and scaled to our client's needs and capacity. Our approach includes the following fundamental goals:

- 1** Identifying and reducing program risks
- 2** Monitoring contractual and programmatic compliance
- 3** Overcoming recovery obstacles by streamlining program processes
- 4** Optimizing staffing and program resources
- 5** Developing and recommending innovative solutions to solve complex problems
- 6** Proactively detecting potential issues in advance of funding or disbursements

Rostan has a history of providing expert, efficient service. Rostan's approach does not require large teams of personnel, nor do we expect to replace the effective roles of the local, state, and federal partners in the recovery process. The approach is to provide a resource of expertise and experience to ensure that the recovery process is effective, and the pursuit of federal assistance results in the client being made whole.



COMMITMENT TO THE CITY

As the City's debris monitoring partner, Rostan will organize and manage projects ensuring focused effort is given to removing debris in an efficient manner and developed supporting documentation is clear, concise, and compliant with federal reimbursement programs. To do this, we have identified a team of professionals and dedicated personnel that will work to perform the following tasks:

CAPTURE OF DISASTER-RELATED DAMAGES
We bring together a team of seasoned professionals and innovative, cutting edge digital applications to document projects in a manner compliant with federal grant programs. These applications, including HaulPass, have been cultivated in-house based on decades of experience and designed specifically to capture data and produce deliverables critical to successful reimbursement pursuits.
RETENTION OF FUNDING
We will provide the support needed to ensure that the City receives all of the funding it is entitled to under the provisions and statutes set forth in law.
INNOVATIVE STRATEGIES
We pride ourselves on remaining current with policy and regulations that guardrail federal funding programs and processes. We are able to craft innovative and unique solutions, working within the parameters of these programs, that help reach client goals.
LEVERAGE OUR RELATIONSHIPS
Our unique experiences and longstanding relationships with State, FEMA Region IV, and other federal, state, and local counterparts will enable us to resolve problems, expedite funding and ensure that the City's funding is being utilized in the most effective and efficient manner.

Rostan is more than just a disaster recovery firm. We are professionals, members of the community, partners in recovery.



2.2 ROSTAN TEAM PROFILE

ROSTAN SOLUTIONS, LLC



Rostan is a distinguished, full-service disaster consulting firm dedicated to providing expert guidance, resolute standards of care, and attentive focus in support of municipal and private sector clients throughout the United States. With a business practice built around the core elements of the disaster life cycle, Rostan employs high-character professionals with a broad range of experience and expertise.



OUR AREAS OF EXPERTISE

Rostan's business was formed with and initial focus on debris monitoring services and has grown over the past 20 years to encompass several related service lines including planning and mitigation, long-term recovery, post-disaster construction management, and specialized technical support services.

OUR PERSONNEL

With roughly 50 professionals dedicated to their practice year-round, Rostan maintains firsthand knowledge of federal and state-level laws, policy and compliance, and disaster recovery guidance that governs the services that we provide to our clients.

Rostan's team has assisted state and local governments throughout all disaster recovery phases contemplated by the City's RFP. Rostan's key disaster debris management team members have more than 150 years of combined experience in disaster debris management operations and Public Assistance support services resulting from earthquakes, floods, tornadoes, snow/ice storms, fires, and hurricanes.



Our team is intimately familiar with the policies and procedures of the Federal Emergency Management Administration, National Resource Conservation Service (NRCS), Florida Department of Environmental Protection (FDEP), Florida Department of Transportation (FDOT), Florida Division of Emergency Management (FDEM), U.S. Department of Housing and Urban Development (HUD), and the Federal Highway Administration (FHWA). We have proven success in meeting document and record requirements for FEMA (HMGP and PA), HHS, HUD (CDBG), and NRCS grant programs. Our core personnel have remained consistent through the years enabling us to harness our collective experience as we grow and develop new talented resources to support our growing client base.

FIRM NAME			
Rostan Solutions, LLC			
FAX		WEBSITE	
813.333.7330		www.rostan.com	
ROSTAN OFFICE LOCATIONS			
3433 Lithia Pinecrest Road, Suite 287, Valrico, FL 33596 –Corporate 4600 Goer Drive, Suite 200A, North Charleston, SC 29406 –Regional Office 8282 Goodwood Boulevard, Baton Rouge, LA 70806 –Regional Office 429 Lenox Avenue, Miami Beach, Florida 33139 –Regional Office 3000 Gulf Breeze Parkway, Gulf Breeze, Florida 32563 –Coming Soon			
ROSTAN PRINCIPALS [Authorized Negotiators]			
Darius Stankunas President 561-701-7390 dstankunas@rostan.com	Sam Rosania Executive Vice President 813.505.1313 srosania@rostan.com	Travis Mays Vice President 713.823.2002 tmays@rostan.com	Kyle Jones Vice President 225.202.3637 kjones@rostan.com
YEAR ESTABLISHED	DUNS	SYSTEM FOR AWARD MANAGEMENT [SAM] STATUS	
2006	964990340	Active	

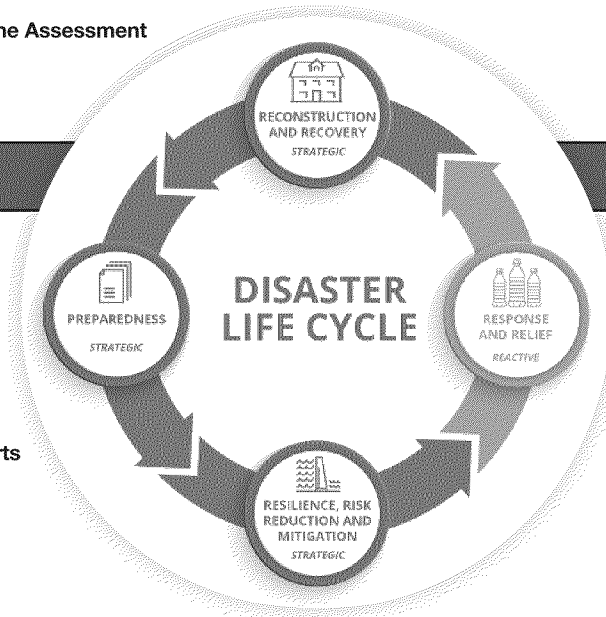
ROSTAN SOLUTIONS SERVICE OFFERINGS – DISASTER LIFE CYCLE

PREPAREDNESS: BEFORE DISASTER STRIKES, ROSTAN CAN HELP YOU BE READY FOR ANY EMERGENCY

- Federal [FEMA] Procurement Policies and Procedures Review and Assessment
- Pre-Event Disaster Response and Recovery Procurement Support
- Comprehensive Emergency Plan Development and Review
- Continuity of Operations (“COOP”) Plan Development and Review
- Debris Management Plan Development and Seasonal Review
- DMS Permitting and Regulatory Support Including Identification and Baseline Assessment
- FEMA Public Assistance Pre-Event Audit
- Community Rating System (“CRS”) Support and Staff Augmentation
- Training and Exercises

RESPONSE & RELIEF: ROSTAN IS YOUR PARTNER DURING THE DISASTER TO ENSURE OPERATIONAL CONTINUITY

- **Debris Monitoring [of Debris Removal]**
 - General Debris Removal Management
 - Private Property Demolition and Debris Removal Oversight
 - Waterway Debris Removal Oversight
 - Data Development and Document Management
- **Public Information and Outreach Support**
- **Emergency Procurement Support**
- **Project Management Services for Emergency Remediation and Repair Efforts**
- **Post-Disaster Damage Assessment and Inventory**
- **Residential and Public Infrastructure Substantial Damage Assessments**
- **Emergency Operations Center (“EOC”) Staff Augmentation**
- **GIS-Based Support for Emergency Response and Planning Activities**
- **Federal, State, and Local Regulatory Compliance Monitoring**



RECOVERY AND RECONSTRUCTION: ROSTAN CAN LEAD YOUR DISASTER RECOVERY AND LONG-TERM REBUILDING EFFORTS

- **Federal Disaster Recovery Funding Program Administration**
 - FEMA Public Assistance (“PA”) Program, Including 406 Mitigation & Alternative Procedures Pilot (“428 Program”) Project Development
 - HHS Administration for Children and Families (“ACF”) Funding
 - National Resource Conservation Service (“NRCS”) Emergency Watershed Protection Program (“EWP”)
- **Administrative Appeals Support for Adverse Agency Determinations**
- **Federal Procurement Regulation [“2 CFR Part 200”] Advisory Services**
- **Project Management and Construction Oversight**
- **After Action Planning**
- **Long-Term Recovery Planning**
- **Federal Single Audit Support**

RESILIENCE, RISK REDUCTION, AND MITIGATION: AFTER THE DISASTER, ROSTAN CAN HELP IDENTIFY AND SECURE MITIGATION FUNDING TO PROTECT AGAINST FUTURE DAMAGES

- **FEMA Hazard Mitigation Planning, Including:**
 - Plan Development and Update
 - GIS and HAZUS-Based Risk Assessment
 - Planning Process Facilitation
- **Identifying and Securing State and Federal Hazard Mitigation Funding:**
 - FEMA Funding
 - ◊ Hazard Mitigation Grant Program (“HMGP”)
 - ◊ Flood Mitigation Assistance (“FMA”)
 - ◊ Building Resilient Infrastructure and Communities (“BRIC”)
 - HUD Community Development Block Grant (“CDBG”) Funding
 - ◊ CDBG Mitigation Funding (“CDBG-MIT”)
 - ◊ CDBG Disaster Recovery Funding (“CDBG-DR”)
- **Benefit-Cost Analysis (“BCA”) Preparation and Rehabilitation**
- **GIS Application Development**
- **Grant Management and Regulatory Compliance Support, Including Representation with State and Federal Agencies**
- **Client-Specific Grant Research and Funding Identification (USDA, NWRP, CWA, etc)**

LITIGATION STATEMENT

Rostan is presently involved in the following claims. These claims represent all present, past, and pending litigation.

Rostan Solutions, LLC (Plaintiff) v. Corpus Christi Independent School District – Case Number: 4:2022cv01712 – Filed: May 25, 2022. Status: ongoing.

Rostan Solutions, LLC (Plaintiff) v. Community Church Assembly of God Church d/b/a Community Christian School and Community Church Assembly of God Church doing business as Community Christian School – Case Number: 1:2022cv00268 – Filed: June 28, 2022. Status: ongoing.

Rostan Solutions, LLC (Plaintiff) v. Integrated Solutions Consulting Corp. and the City of Sarasota, Florida - Case Number: 2023 CA 007797 NC – Filed: November 1, 2023. Status: ongoing.

There are no claims against any of the principals of Rostan.

RULES VIOLATIONS

Rostan confirms to the City that it is not presently in violations of any statutes or regulatory rules that might have an impact on its operations. All applicable laws and regulations of the State of Florida and ordinances and regulations of the City of St. Pete Beach will apply.

BOND CLAIMS

Rostan has had no claims made against our bonds in performing its regular course of business.



State of Florida

Department of State

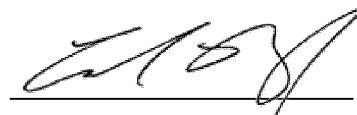
I certify from the records of this office that ROSTAN SOLUTIONS, LLC is a limited liability company organized under the laws of the State of Florida, filed on October 30, 2014, effective November 1, 2014.

The document number of this limited liability company is L14000169270.

I further certify that said limited liability company has paid all fees due this office through December 31, 2024 and that its status is active.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Ninth day of January, 2024*




Secretary of State

Tracking Number: 0323307193CC

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>

State of Florida

Board of Professional Engineers

Rostan Solutions LLC

Has satisfied the requirements of Section 471.023, Florida Statutes. In recognition thereof, the Board of Professional Engineers hereby authorizes this firm to offer engineering services in the State of Florida in accordance with Chapter 471, Florida Statutes, and the rules of the Board.



CA LIC No: 30927

*Witness the Seal of the Board and the Signature
of the Board's duly authorized Chair
this 15 day of November, 2014.*

Wanda J. Holm
Chair



Print

Licensee

Name: **STANKUNAS, JOHN**
Rank: **Professional Engineer**
Primary Status: **Current**
Secondary Status: **Active**

License Number: **77429**
License Expiration Date: **02/28/2025**
Original License Date: **04/28/2014**

Related License Information

License Number	Status Related Party	Relationship Type	Relation Effective Date	Rank	Expiration Date
30927	Current ROSTAN SOLUTIONS, LLC Registry			Registry	

2.3 EXPERIENCE OVERVIEW

Rostan has a proven track record of providing debris monitoring services throughout the United States. The projects depicted below, all of which have been completed successfully or are ongoing, summarize our team's experience performing similar services for the past decade.

EVENT YEAR	CLIENT	STATE	EVENT NAME	FEMA-DR	DURATION	PRIME	ADMS USED	DEBRIS TYPE / QUANTITY
2023	City of St. Pete Beach	FL	Hurricane Idalia	4734	Sep. 2023	■	HaulPass®	357.10 CY C&D / 920.00 LBS HHW / 1,401.40 CY Vegetative
2023	Suwannee Valley Electric Coop	FL	Hurricane Idalia	4734	Oct. 2023 - Feb. 2024		HaulPass®	38,130 Hangers / 33,274 Leaners / 195,994.80 CY Mulch / 53,463.14 Linear Feet Power Line / 21,337.84 Linear Feet Power Poles / 528 Units Power Pole Hardware / 201 Units Transformers / 802,192.50 CY Vegetative
2022	City of North Port	FL	Hurricane Ian	4673	Oct. 2022 - Feb. 2023	■	HaulPass®	232,204.80 CY C&D / 81,845.70 CY Compacted C&D / 20,712 Hangers / 2,979.00 LBS. HHW / 8,543 Leaners / 325,889.00 CY Mulch / 591.70 CY Stumps / 2,132,314.10 CY Vegetative
2022	City of Pinellas Park	FL	Hurricane Ian	4673	Oct. 2023	■	HaulPass®	5,197.00 CY Vegetative
2022	City of Sarasota	FL	Hurricane Ian	4673	Oct. 2022 - Jan. 2023		HaulPass®	3,664.70 CY C&D / 3,794 Hangers / 257 Leaners / 31,205.00 CY Mulch / 28.30 CY Stumps / 3 Units Stumps / 110,683.50 CY Vegetative
2022	City of St. Pete Beach	FL	Hurricane Ian	4673	Oct. 2022	■	HaulPass®	997.9 CY Mulch / 3,629.7 CY Vegetative
2022	Town of Windermere	FL	Hurricane Ian	4673	Sep. 2022 - Oct. 2022	■	HaulPass®	13,926.10 CY Vegetative
2022	Village of Estero	FL	Hurricane Ian	4673	Oct. 2022 - Jan. 2023	■	HaulPass®	110,514.60 CY C&D / 36,882.90 CY Compacted C&D / 1,110 Units E-Waste / 1,377 Hangers / 7,712.00 LBS. HHW / 47 Leaners / 1,976.40 CY Mixed Debris / 34,726.20 CY Mulch / 190,546.30 CY Vegetative / 660 Units White Goods
2022	Westport CDD	FL	Hurricane Ian	4673	Feb. 2023 - Mar. 2023	■	HaulPass®	3897.80 CY Vegetative
2021	Brazoria County	TX	Hurricane Nicholas	N/A	Sep. 2021 - Oct. 2021	■	HaulPass®	58,197.60 CY Vegetative
2021	City of Gretna	LA	Hurricane Ida	4611	Sep. 2021 - Oct. 2021	■	HaulPass®	7,830.10 CY C&D / 54.91 Tons C&D / 27,187.90 CY Vegetative
2021	City of Slidell	LA	Hurricane Ida	4611	Sep. 2021 - Feb. 2022	■	HaulPass®	19,896.50 CY C&D / 80.69 Tons C&D / 501 Hangers / 67 Leaners / 48.02 CY Stumps / 4 Units Stumps / 109,195.30 CY Vegetative
2021	Lyon County	KY	Severe Storms, Tornadoes, and Straight-Line Winds	4630	Dec. 2021 - Mar. 2022	■	HaulPass®	54,957.90 CY C&D / 36 Hangers / 122 Leaners / 248.00 CY Stumps / 3 Units Stumps / 73,242.50 CY Vegetative
2021	New Orleans City Park	LA	Hurricane Ida	4611	Sep. 2021 - Dec. 2021	■	HaulPass®	1,250 Hangers / 133 Leaners / 3,781.50 CY Mulch / 48,574.10 CY Vegetative
2021	Town of Pearl River	LA	Hurricane Ida	4611	Sep. 2021 - Oct. 2021	■	HaulPass®	278.10 CY C&D / 4,035.60 CY Vegetative
2021	St. James Parish	LA	Hurricane Ida	4611	Apr. 2022 - Dec. 2023	■	HaulPass®	6,158.90 CY Vegetative
2020	Cameron Parish	LA	Hurricane Laura	4559	Sep. 2020 - July 2023	■	HaulPass®	800,493.10 CY C&D / 361.00 CY Concrete / 3,058 Units E-Waste / 1,528 Hangers / 46,180.00 LBS. HHW / 901 Leaners / 3 Units Large Metal Tanks / 252,551.10 CY Marsh Grass / 15,646.00 CY Mixed Waste / 577.89 Tons Regulated Asbestos Containing Material / 306 Units Small Engines / 928 CY Stumps / 11 Units Stumps / 1,978 Units Tires / 350,565.30 CY Vegetative / 4 Units Vehicles / 6 Units Vessels / 4,158 Units White Goods
2020	City of Gladbrook	IA	Severe Storms, Tornadoes, and Straight-Line Winds	4557	Sep. 2020	■	HaulPass®	266 Hangers / 138 Leaners / 15,521.10 CY Vegetative
2020	City of State Center	IA	Severe Storms, Tornadoes, and Straight-Line Winds	4557	Sep. 2020 - Oct. 2020	■	HaulPass®	402 Hangers / 50 Leaners / 8,091.50 CY Vegetative
2020	City of Tama	IA	Severe Storms, Tornadoes, and Straight-Line Winds	4557	Aug. 2020 - Sep. 2020	■	HaulPass®	1,224.50 CY C&D / 1,162 Hangers / 257 Leaners / 85,644.40 CY Vegetative

EVENT YEAR	CLIENT	STATE	EVENT NAME	FEMA-DR	DURATION	PRIME	ADMS USED	DEBRIS TYPE / QUANTITY
2020	City of Toledo	IA	Severe Storms, Tornadoes, and Straight-Line Winds	4557	Aug. 2020 - Oct. 2020	■	HaulPass®	710 Hangers / 141 Leaners / 45,312.20 CY Vegetative
2020	New Orleans City Park	LA	Hurricane Zeta	4577	Nov. 2020	■	HaulPass®	506 Hangers / 52 Leaners / 11,007.70 CY Vegetative
2020	Tama Conservation Center	IA	Severe Storms, Tornadoes, and Straight-Line Winds	4557	Sep. 2020 - Oct. 2020	■	HaulPass®	306 Hangers / 280 Leaners / 2,565.10 CY Vegetative
2020	Town of Carolina Beach	NC	Hurricane Isaias	4568	Aug. 2020 - Sep. 2020	■	HaulPass®	676.59 Tons Mulch / 32,139.80 CY Vegetative
2020	West Feliciana Parish	LA	Hurricane Delta	4570	Nov. 2020 - Dec. 2020	■	HaulPass®	8,222.10 CY Vegetative
2019	Charleston County	SC	Hurricane Dorian	4464	Sep. 2019 - Dec. 2019	■	HaulPass®	5,124 Hangers / 94 Leaners / 39,989.42 Tons Mulch / 615,369.00 CY Vegetative
2019	City of Richardson	TX	Severe Storms, Tornadoes, and Straight-Line Winds	N/A	Oct. 2019 - Dec. 2019	■	HaulPass®	15,923.50 CY C&D / 11,878.70 CY Mulch / 43,519.70 CY Vegetative
2019	West Feliciana Parish	LA	Flooding	4462	Jun. 2020 - Dec. 2020	■	HaulPass®	122,971.30 CY Screened Sand / 123,497.20 CY Sediment
2018	City of Lumberton	NC	Hurricane Florence	4393	Oct. 2018 - Jul. 2019	■	HaulPass®	363.35 Tons Ash / 1,046.70 Tons C&D / 253 Hangers / 204 Leaners / 2,970.2 Tons Mulch / 45,765.90 CY Vegetative
2018	FDOT (Liberty County)	FL	Hurricane Michael	4399	Oct. 2018 - May 2019	■	HaulPass®	16,975.80 CY Ash / 6,690.70 CY C&D / 18,990 Hangers / 15,687 Leaners / 18 Stumps / 501,971.20 CY Vegetative
2018	Town of Carolina Beach	NC	Hurricane Florence	4393	Sep. 2018 - Nov. 2018	■	HaulPass®	449.94 Tons C&D / 4,200 CY Mulch / 28,453.10 CY Vegetative
2017	Broward County School Board	FL	Hurricane Irma	4337	Sep. 2017 - Dec. 2017		HaulPass®	6,753 Hangers / 939 Leaners
2017	Centro Comprensivo de Cancer UPR Hospital	PR	Hurricane Maria	4339	Sep. 2017		HaulPass®	279.50 CY Vegetative
2017	Charleston County	SC	Hurricane Irma	4346	Sep. 2017 - Jan. 2018	■	HaulPass®	720.10 CY C&D / 81 Hangers / 9 Leaners / 10,510.97 Tons Mulch / 15,119.90 CY Vegetative
2017	City of Belleair Beach	FL	Hurricane Irma	4337	Sep. 2017 - Nov. 2017	■	HaulPass®	417.70 CY C&D / 1,386.40 CY Mulch / 3,751.90 CY Vegetative
2017	City of Belleair Bluffs	FL	Hurricane Irma	4337	Sep. 2017 - Nov. 2017	■	HaulPass®	822.30 CY C&D / 1,326.80 CY Mulch / 7,426.40 CY Vegetative
2017	City of Coconut Creek	FL	Hurricane Irma	4337	Sep. 2017 - Nov. 2017	■	HaulPass®	236.80 CY C&D / 24,434.90 CY Mulch / 97,584.40 Vegetative
2017	City of Coral Springs	FL	Hurricane Irma	4337	Sep. 2017 - Jan. 2018	■	HaulPass®	2,206.20 CY C&D / 13,316 Hangers / 111 Leaners / 73,093.70 CY Mulch / 205 Units Stumps / 299,335.50 CY Vegetative
2017	City of Dania Beach	FL	Hurricane Irma	4337	Sep. 2017 - Nov. 2017	■	HaulPass®	17,679.30 CY C&D / 3,715 Hangers / 221 Leaners / 12 Units Stumps / 43,894.30 CY Vegetative
2017	City of Kountze	TX	Hurricane Harvey	4332	Sep. 2017 - Nov. 2017		HaulPass®	1734.40 CY C&D
2017	City of Lumberton	TX	Hurricane Harvey	4332	Sep. 2017 - Dec. 2017		HaulPass®	22,729.30 CY C&D / 246.70 CY Mixed Debris / 622 Units White Goods
2017	City of Madeira Beach	FL	Hurricane Irma	4337	Sep. 2017 - Nov. 2017	■	HaulPass®	583.80 CY C&D / 1,258.10 CY Mulch / 3,812.80 CY Vegetative
2017	City of North Port	FL	Hurricane Irma	4337	Sep. 2017 - Dec. 2017	■	HaulPass®	675 Hangers / 6 Leaners / 16,301.20 Mulch / 47,240.80 Vegetative
2017	City of Orange	TX	Hurricane Harvey	4332	Sep. 2017 - Dec. 2017		HaulPass®	263,323.00 CY C&D / 32,015.40 CY Mixed Debris / 3,846 Units White Goods
2017	City of Piney Point Village	TX	Hurricane Harvey	4332	Sep. 2017 - Oct. 2017		HaulPass®	1,631.10 CY C&D
2017	City of Port St. Lucie	FL	Hurricane Irma	4337	Sep. 2017 - Dec. 2017		HaulPass®	250 Hangers / 54 Leaners / 30,712.60 CY Mulch / 117,560.5 CY Vegetative
2017	City of Rose Hill Acres	TX	Hurricane Harvey	4332	Sep. 2017 - Dec. 2017		HaulPass®	13,983.70 CY C&D / 133.30 CY Mixed Debris / 230 Units White Goods
2017	City of Sour Lake	TX	Hurricane Harvey	4332	Sep. 2017 - Dec. 2017		HaulPass®	4,695.10 CY C&D / 1,443 Units White Goods
2017	City of St. Pete Beach	FL	Hurricane Irma	4337	Sep. 2017 - Nov. 2017	■	HaulPass®	938.20 CY C&D / 2,514.90 CY Mulch / 12,954.80 CY Vegetative

EVENT YEAR	CLIENT	STATE	EVENT NAME	FEMA-DR	DURATION	PRIME	ADMS USED	DEBRIS TYPE / QUANTITY
2017	City of Tybee Island	GA	Hurricane Irma	4338	Sep. 2017 - Nov. 2017	■	HaulPass®	9,735.30 CY C&D / 31 Units White Goods
2017	City of Winter Springs	FL	Hurricane Irma	4337	Sep. 2017 - Oct. 2017	■	HaulPass®	46,280.90 CY Vegetative
2017	Coral Springs Improvement District	FL	Hurricane Irma	4337	Jan. 2018 - Jun. 2018	■	HaulPass®	1,250 Hangers / 489 Leaners / 1,942.90 CY Mulch / 7 Units Stumps / 5,009.30 CY Vegetative
2017	Hardin County	TX	Hurricane Harvey	4332	Sep. 2017 - Dec. 2017		HaulPass®	216,120.50 CY C&D / 568.60 CY Mixed Debris / 4,802 Units White Goods
2017	Martin County	FL	Hurricane Irma	4337	Sep. 2017 - Dec. 2017	■	HaulPass®	2,832.80 CY C&D / 27,683.30 CY Mulch / 173,491.20 CY Vegetative
2017	Municipio de Camuy	PR	Hurricane Maria	4339	Nov. 2018 - Mar. 2019		HaulPass®	12,669.60 CY C&D
2017	New College of Florida	FL	Hurricane Irma	4337	Sep. 2017 - Dec. 2017	■	HaulPass®	27.50 CY C&D / 109 Hangers / 47 Leaners / 365.80 CY Mulch / 9 Units Stumps / 1,231.00 CY Vegetative
2017	Puerto Rico Dept. of Transportation and Public Works (DTOP)	PR	Hurricane Maria	4339	Aug. 2018 - Mar. 2019		HaulPass®	2,387 Units Boulders / 216,310.40 CM Sediment
2017	Sunshine Water Control District	FL	Hurricane Irma	4337	Jan. 2018 - Jun. 2018	■	HaulPass®	2,386 Hangers / 1,737 Leaners / 3,674.60 CY Mulch / 12,413.90 Vegetative
2017	Town of Indian Shores	FL	Hurricane Irma	4337	Sep. 2017 - Nov. 2017	■	HaulPass®	244.60 CY C&D / 77.40 CY Mulch / 2 Units Stumps / 392.40 CY Vegetative
2017	Town of Palm Beach	FL	Hurricane Irma	4337	Sep. 2017 - Oct. 2017	■	HaulPass®	37,583.40 CY Vegetative
2017	Town of Redington Shores	FL	Hurricane Irma	4337	Sep. 2017 - Nov. 2017	■	HaulPass®	291.00 CY C&D / 379.90 CY Mulch / 1,558.90 CY Vegetative
2017	Town of Sewall's Point	FL	Hurricane Irma	4337	Sep. 2017 - Oct. 2017		HaulPass®	10,132.40 CY Vegetative
2017	Town of Windermere	FL	Hurricane Irma	4337	Sep. 2017 - Oct. 2017	■	HaulPass®	16,351.90 CY Vegetative
2017	USACE / Xpert's Inc.	PR	Hurricane Maria	4339	Oct. 2017 - Dec. 2018		HaulPass®	692.90 CY Concrete / 2,342,399.20 CY C&D / 167,752.00 CY Fill Dirt / 58,810.90 CY Logs / 683,615.80 CY Mulch / 602,892.10 CY Non-Reducible Mixed Vegetation / 41,436.10 CY Scrap Metal / 88,323.50 CY Sifted Dirt / 457 Units Stumps / 2,680.00 CY Tires / 1,977,037.90 CY Vegetative / 9,809 Units White Goods
2017	Village of Estero	FL	Hurricane Irma	4337	Feb. 2018	■	HaulPass®	1,595.80 CY Vegetative
2016	Berkeley County	SC	Hurricane Matthew	4286	Oct. 2016 - Dec. 2016		HaulPass®	1,801 Hangers / 91 Leaners / 18,508.40 CY Mulch / 57,783.50 CY Vegetative
2016	Charleston County	SC	Hurricane Matthew	4286	Oct. 2016 - Feb. 2017	■	HaulPass®	473.22 Tons Ash / 3,303.20 CY C&D / 18,433 Hangers / 410 Leaners / 34,272.36 Tons Mulch / 412,434.60 CY Vegetative
2016	City of Garden City	GA	Hurricane Matthew	4284	Oct. 2016 - Jan. 2017	■	HaulPass®	9,850.30 CY Mulch / 23,730.20 CY Vegetative
2016	City of Port St. Lucie	FL	Hurricane Matthew	4283	Oct. 2016 - Feb. 2017		HaulPass®	5,205 Hangers / 475 Leaners / 5,719.07 Tons Mulch / 111,731.40 Vegetative
2016	Essex County	VA	Tornado	N/A	Mar. 2016	■	HaulPass®	4,908.70 CY C&D / 2,503.10 Vegetative
2016	Iberia Parish	LA	Flooding	4277	Aug. 2016 - Oct. 2016	■	HaulPass®	2,554.80 CY C&D / 1 Leaner
2016	Martin County	FL	Hurricane Matthew	4283	Oct. 2016 - Jan. 2017	■	HaulPass®	34,489.60 CY Mulch / 155,189.80 CY Vegetative
2016	Town of Sewall's Point	FL	Hurricane Matthew	4283	Oct. 2016 - Nov. 2016		HaulPass®	6,092.90 CY Vegetative
2015	Charleston County	SC	Flooding	4241	Oct. 2015 - Nov. 2015	■	HaulPass®	2,262.70 CY C&D / 29,201.70 Vegetative / 26 Units White Goods
2015	Cumberland County	TN	Ice Storm	4211	May 2015 - Dec. 2015	■	HaulPass®	11,467 Hangers / 4,649 Leaners / 12,356.30 CY Mulch / 699,401.30 CY Vegetative
2015	White County	TN	Ice Storm	4211	May 2015 - Jul. 2015	■	HaulPass®	1,761 Hangers / 3,088 Leaners / 134,862.10 CY Vegetative
2014	Jenkins County	GA	Ice Storm	4165	Jul. 2014 - Sep. 2014	■	HaulPass®	4,377.20 CY Mulch / 45,429.60 CY Vegetative



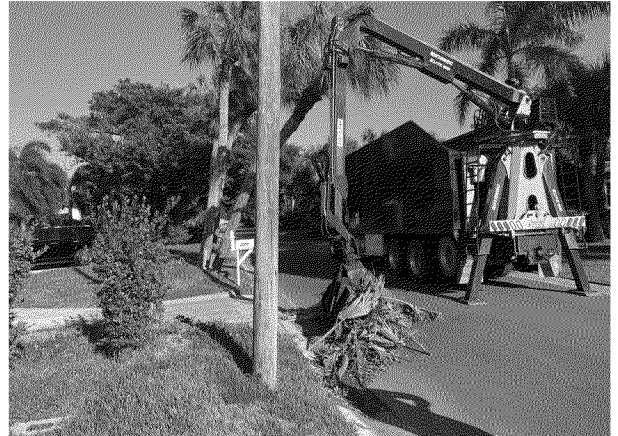
2.4 PAST FIVE YEARS' SIMILAR PROJECTS

DEBRIS MANAGEMENT SERVICES | MULTIPLE PROJECTS CITY OF ST. PETE BEACH, FL | 2022 • 2023



HURRICANE IDALIA | FEMA DR-4734 | 1,750 CY | COST: \$30,000

Hurricane Idalia was a powerful and destructive Category 4 hurricane that caused significant damage across the southeastern United States, especially Florida. The City of St. Pete Beach was one of the many municipalities affected by the storm. St. Pete Beach is home to approximately 10,000 full-time residents within Pinellas County and is one of the most popular tourist destinations on the west coast of Florida. Rostan was on the ground and ready to work within days of the storm making landfall. Rostan hired local monitors and immediately commenced work in tracking debris removal efforts. This resulted in over 1,400 cubic yards of vegetative debris, 350 cubic yards of construction and demolition debris, and 920 pounds of household hazardous waste being collected from the public right-of-way and hauled to a final disposal landfill.



HURRICANE IAN | FEMA DR-4673 | 3,630 CY | COST: \$32,000

Hurricane Ian cast devastation upon a large majority of Florida and the city of St. Pete Beach happened to fall victim to some of the damage. Rostan was on the ground and ready to work within days of the storm making landfall. Rostan hired local monitors and immediately commenced work in tracking debris removal efforts. This resulted in nearly 4,000 cubic yards of vegetative debris being collected from the public right-of-way and hauled to a temporary disposal site. The debris was then mulched and hauled to a final disposal landfill.

Client Contact: Michael Clarke, Public Works Director, 7581 Boca Ciega Dr, St. Pete Beach, FL 33706, 727-363-9243, mclarke@stpetebeach.org

AUTOMATED DEBRIS MANAGEMENT SYSTEM | HURRICANE IDALIA | FEMA DR-4734 SUWANNEE VALLEY ELECTRIC COOP, FL | 998,000 CY | 2023-2024 | COST: \$1.2 MILLION



In August of 2023, Hurricane Idalia intensified to a Category 4 hurricane that caused significant damage in North Florida. Idalia damaged thousands of homes and businesses, but also wreaked havoc on the rural electrical grid maintained by the SVEC. Rostan was contracted to provide ADMS services on behalf of Tidal Basin in their effort to monitor debris removal across 4 counties, spanning 4,100 miles of electrical lines. Rostan's HaulPass® ADMS has been utilized to track the removal of nearly 1 million cubic yards of debris and over 71,000 hazardous trees. Rostan assisted in the certification of over 300 hauling and bucket trucks on the project and has trained over 300 debris monitors to utilize the HaulPass® system.



Client Contact: Chris Denney, Program Manager, Debris Services, Tidal Basin, 400 International Parkway, Lake Mary, FL. 32746, cdenney@tidalbasin.rphc.com



PUBLIC ASSISTANCE, GRANTS FUNDING, AND DEBRIS MANAGEMENT SERVICES | MULTIPLE PROJECTS
CITY OF NORTH PORT, FL | 2017-ONGOING



HURRICANE IAN | FEMA DR-4673 | 2.8 MILLION CY | COST: \$4.1 MILLION

North Port, FL is a city of more than 60,000 people and 100 square miles, located on the Southeastern border of Sarasota County. On September 28, 2022, Hurricane Ian made landfall in southwest Florida just below peak intensity as a category 4 hurricane. It was the third-costliest weather disaster on record, and the deadliest hurricane to strike the state of Florida since 1935. The City of North Port was one of the many municipalities affected by this major storm. The impacts were devastating. Many trees were down and many homes experienced flooding and wind damage.



Rostan was contracted to provide debris monitoring and public assistance support services for the City of North Port. Within hours of the storm, Rostan personnel were on the ground hiring local monitors and meeting with the City and contractors to begin work. Rostan monitored nearly 43,000 truck loads of debris totaling approximately 2.4 million cubic yards (CY) collected from the Right-of-Way (ROW) and hauled to three local disposal facilities and 3,500 truck loads totaling approximately 400,000 CY of reduced debris hauled to two final disposal facilities. In addition, Rostan has monitored the removal of over 8,500 hazardous trees and 20,000 hazardous tree limbs from the ROW.

HURRICANE IRMA | FEMA DR-4337 | 48,000 CY | COST: \$470,000

Following Hurricane Irma, North Port was left with hundreds of damaged, hazardous trees and nearly 50,000 cubic yards of vegetative debris littering their roadways. Awarded the City's standby debris monitoring contract in 2014, Rostan served as the debris monitoring firm for the City—coordinating daily with both the hauling contractor and key City personnel to complete debris cleanup in 73 days. Following the cessation of debris operations, Rostan supported the City through the organization and submission project worksheets (PWs) for both “emergency” and “permanent” work under FEMA's Public Assistance (PA) program. In addition, though outside the scope of Rostan's engagement with the City, Rostan staff provided support to the City to help it secure an \$800,000.00 Hazard Mitigation Grant Program (HMGP) grant to purchase and install a backup emergency generator at its City Hall/Emergency Operations Center.

Client Contact: Frank Lama, Solid Waste Manager, 1100 North Chamberlain Blvd, North Port, FL 34286, 941-240-8074, flama@northportfl.gov

DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | HURRICANE IAN | FEMA DR-4673
VILLAGE OF ESTERO, FL | 375,000 CY | 2022-2023 | COST: \$640,000



Rostan's work with the Village of Estero is representative of the services we provided to our clients throughout the state following Hurricane Ian. The Village of Estero is a community that covers an area of approximately 25 square miles with a population of 37,000 people. It is located in Lee County, FL just south of Fort Myers. Rostan has served as the Village's on-call debris monitoring consultant since 2017. Rostan was in communication with the Village's Department of Public Works before Hurricane Ian had made landfall in preparation for an imminent deployment. Rostan staff was on the ground October 2, 2022, with debris monitoring activities commencing on October 4. Rostan hired over 30 local employees to serve as debris monitors. Debris monitoring efforts were completed in 91 days and a total of 375,000 cubic yards of storm-generated debris was collected and properly disposed. Over 1,350 hazardous limbs and 47 damaged or uprooted trees were also removed. Additionally, 660 white goods, 555 electronic waste items, and just over 7,700 pounds of household hazardous waste was properly disposed.



Contact: David Willems, P.E., Public Works Director, 9401 Corkscrew Palms Circle, Estero, FL 33928, 239-221-5035, willems@estero-fl.gov

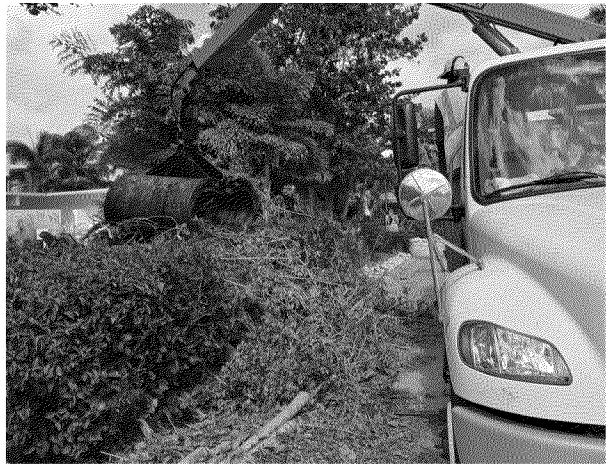
DEBRIS MANAGEMENT SERVICES | HURRICANE IAN | FEMA DR-4673
CITY OF SARASOTA, FL | 114,000 CY | 2022-2023 | COST: \$900,000



In September of 2022, Hurricane Ian made landfall on the west coast of Florida as a category 4 just below peak intensity. Mandatory evacuations were implemented for over 300,000 people along the coast. The City of Sarasota is a densely populated coastal city with a population of over 54,000. Sarasota was substantially impacted, causing power outages and widespread tree damage and storm debris.

Rostan was contracted to provide debris monitoring services for the City of Sarasota. Rostan oversaw the cleanup of more than 4,000 truckloads of debris totaling over 114,000 cubic yards. Additionally, Rostan monitored the removal of over 3,750 hanging limbs and 250 hazardous trees.

Client Contact: Doug Jeffcoat, Public Works Director, 1761 12th Street, Sarasota, FL. 34236, 941-993-3507, douglas.jeffcoat@sarasotafl.gov



DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | HURRICANE IAN | FEMA DR-4673
CITY OF PINELLAS PARK, FL | 5,200 CY | 2022 | COST: \$12,000



Hurricane Ian was one of the most destructive hurricanes to ever make landfall in the state of Florida. It devastated southwest and central Florida in many different places. Pinellas Park is a city located within Pinellas County that has a population of approximately 50,000 people. Rostan was ready to work as soon as the City requested our services to track the debris removal effort. Although this area was not hit as hard as some other areas, there was widespread damage throughout the City. This resulted in the collection of more than 5,000 cubic yards of debris which was eventually mulched and hauled to a final disposal landfill.

Client Contact: Kyle Arrison, Construction Services Director, 6250 82nd Ave, Pinellas Park, FL 33781, (727) 647-0170, karrison@pinellas-park.com



DEBRIS MANAGEMENT SERVICES | MULTIPLE PROJECTS
TOWN OF WINDERMERE, FL | 2017 • 2022



HURRICANE IAN | FEMA DR-4673 | 13,900 CY | COST: \$90,000

The Town of Windermere, FL is a beautiful enclave in the suburbs of Orlando that is home to a small population of approximately 3,000 people. Though small in geography, Windermere maintains an old-world feel with grand oaks lining many of the Town's original sand and shell streets. Unfortunately, this Town was one of the many impacted by the devastating Hurricane Ian. Within a day of the storm making landfall, Rostan personnel were on the ground ready to work. Rostan was able to quickly hire the necessary local staff and commence the tracking of the debris removal process throughout Windermere. The high winds caused many trees to be impacted, resulting in the collection of nearly 14,000 cubic yards of debris from the public right-of-way.



HURRICANE IRMA | FEMA DR-4337 | 16,400 CY | COST: \$40,000

In the wake of Hurricane Irma, Rostan was contacted by the Town of Windermere, which did not have a standby debris monitoring contract. Hurricane Irma's winds caused extensive damage to the old-growth trees throughout the Town. Rostan was able to identify resources and respond to the Town's needs immediately. Our team monitored the removal of more than 16,000 cubic yards over the course of one month.

Client Contact: Tonya Elliott Moore, Director of Public Works, 614 Main Street, Windermere, FL 34786, 407-876-2563 ext. 5325, tmoores@town.windermere.fl.us

DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | SEVERE STORMS / TORNADOES | FEMA DR-4630 | LYON COUNTY, KY | 128,000 CY | 2021-2023 | COST: \$295,000



In December of 2021, a vicious tornado ripped through the southwest Kentucky generating severe damage to in numerous counties.

Rostan was contracted to provide debris monitoring and public assistance services in support of Lyon County, as it was one of the areas impacted by the storm. Within days, Rostan personnel were deployed to the County to hire local monitors and meet with the County and debris removal contractor to develop a work plan. Over the course of 60 days and approximately 2,500 loads, nearly 75,000 cubic yards of vegetative debris and over 36,000 cubic yards of construction and demolition debris were collected from the Right-of-Way and hauled to a disposal site. In addition to the debris collected, over 120 hazardous leaning trees and over 35 hazardous hanging limbs were removed from the right of way. Rostan also helped the County secure agreements with the Kentucky DOT and the USACE to remove debris from areas within the County that were under the jurisdiction of these state/federal entities.



Parallel to debris monitoring, Rostan engaged with the County to provide public assistance services, primarily helping facilitate the development of FEMA Category A and B projects. This project was unique, as its reimbursement ratios included 100% reimbursement for a 30-day window that was determined after the fact and was unique to each category of work. The remainder of the project was reimbursed at 90% which is above the standard 75%.

Client Contact: Jaime Green-Smith, Judge Executive, 500 West Dale Avenue, PO Box 598, Eddyville, KY 42038, 270-388-7311, lyoncountyjudge@gmail.com

DEBRIS MONITORING SERVICES | HURRICANE NICHOLAS | BRAZORIA COUNTY, TX | 83,000 CY | 2021 | COST: \$100,000



On September 14, 2021, Hurricane Nicholas made Landfall near Brazoria County as a Category 1 hurricane with maximum sustained winds of 75 mph. The storm left at least 503,000 residents without power throughout the State of Texas. Brazoria County is approximately 1,609 square miles with 24 incorporated municipalities and is part of the southernmost region of Texas. As a coastal community with little elevation relief, most of the County experienced wind damages.

Rostan was selected as the County's debris monitoring firm in a competitive procurement in August 2021, just a month prior to Hurricane Nicholas. Rostan monitored more than 1,000 truckloads of debris totaling over 83,000 cubic yards (CY) collected from the Right of Way and hauled to an approved disposal facility. This included monitoring the collection and disposal of debris from many



of the 24 municipalities within Brazoria County including the Village of Jones Creek and quantifying debris hauled to the disposal facility from the City of Clute, the City of Richwood, and the Town of Holiday Lakes.

Contact: Matt Hanks, JD, PE, County Engineer, 451 N Velasco, Suite 230, Angleton, Texas 77515, 979-864-1265, matth@brazoria-county.com

DEBRIS MONITORING SERVICES | HURRICANE IDA | FEMA DR-4611
CITY OF SLIDELL, LA | 130,000 CY | 2021-2022 | COST: \$325,000



Hurricane Ida was a destructive Category 4 storm that tore through Louisiana in August of 2021. The City of Slidell which is home to nearly 30,000 people was one of the places that was unfortunately affected by this major storm. Many trees were down, and houses saw some flooding throughout the city. Rostan was contracted to provide the debris monitoring services for the City of Slidell. Within days of the storm hitting, Rostan personnel were on the ground hiring local monitors and meeting with the City and contractors to begin work. Nearly 110,000 cubic yards of vegetative debris and nearly 20,000 cubic yards of construction and demolition debris were collected from the right of way and hauled to a disposal site. In addition to the debris collected from the right of way, over 500 hazardous hanging limbs and more than 60 hazardous leaning trees were removed from the ROW.



Contact: Blaine Clancy, P.E., Slidell City Engineer, 250 Bouscaren St., Slidell, LA 70458, 985-646-4270, bclancy@cityofslidell.org

DEBRIS MONITORING SERVICES | HURRICANE LAURA | FEMA DR-4559
CAMERON PARISH, LA | 1.4 MILLION CY | 2020-2023 | COST: \$3.3 MILLION



On August 27, 2020, Hurricane Laura made landfall in Cameron Parish near peak intensity as a Category 4 storm, tying a record for the strongest hurricane ever to make landfall in Louisiana. It was the 10th strongest hurricane landfall by windspeed in US history. At approximately 1,937 square miles, Cameron is the third-largest Parish in Louisiana by land area. The impacts were devastating. The entire Parish was without power for weeks, months in some areas, and traditional communications were limited.

Rostan was selected as the Parish's debris monitoring firm in a competitive procurement in August 2020, just one month prior to Hurricane Laura. Rostan has monitored more than 32,000 truckloads of debris totaling over 1,400,000 cubic yards (CY) collected from the ROW and hauled to 6 disposal facilities. Rostan has monitored the removal of nearly 2,000 hazardous trees and tree limbs, over 4,000 white goods, over 3,000 units of electronic waste, over 46,000 pounds of household hazardous waste, over 300 small engines, nearly 2,000 tires, and 6 vessels. Rostan was also involved in the initial development of the Parish's PPDR program and their PPDR operations.



Contact: Katie Armentor, Parish Administrator, Cameron Parish Police Jury, 148 Smith Circle, Cameron, LA 70631, 337-775-2608, karmmentor@cameronpj.org

ROSTAN
SOLUTIONS

DEBRIS MONITORING SERVICES | HURRICANE ZETA | FEMA DR-4577
NEW ORLEANS CITY PARK, LA | 11,000 CY | 2020 | COST \$47,000



City Park of New Orleans spans 1,300 acres and is one of the most popular urban public parks in the country. The park is home to the world's largest collection of mature live oak trees, some being over 600 years old. Any size of a storm could result in a catastrophic damage for the park and its' history. These factors all contributed to a unique project. City Park fell victim to Hurricane Zeta and as a result Rostan was contracted to oversee the debris monitoring services. Within days of Hurricane Zeta, Rostan management was on the ground and hiring local monitors. Over the duration of the project, over 11,000 CY of vegetative debris were removed from the park's public ROWs. Furthermore, over 500 hazardous limbs and trees were removed from the public areas.



Contact: Keith Hemel, CFO, 1 Palm Drive, New Orleans, LA 70124, 504-483-9492, khemel@nocp.org

DEBRIS MONITORING SERVICES | IOWA SEVERE STORMS | FEMA DR-4557
CITY OF TAMA, IOWA | 86,000 CY | 2020 | COST: \$152,000



In August of 2020 a severe windstorm known as a derecho severely impacted most of central Iowa. These winds reached 100 mph+ and it was as if Iowa was hit by a hurricane. The city of Tama, with a population of less than 3,000 people, was one of the most impacted towns. Rostan was contracted to provide debris monitoring services for the city of Tama, Iowa. Rostan was able to hire local monitors and certify trucks to begin cleanup within just a few days of the storm. This small town covers only 3.08 square miles, yet the damage done was immense. In total, over 86,000 CY of vegetative debris was cleaned up from the public ROWs. In addition, over 1,000 CY of construction and demolition debris was also collected as a result of the derecho. Furthermore, over 1,400 hazardous limbs and trees were removed for the public's safety.



Contact: Alyssa Hoskey, City Clerk, City Hall, 305 Siegel Street, Tama, IA 52339 641-485-3042, tamacityclerk@tamacityia.gov

DEBRIS MONITORING SERVICES | IOWA SEVERE STORMS | FEMA DR-4557
CITY OF GLADBROOK, IOWA | 15,000 CY | 2020 | COST: \$52,000

In August of 2018, a derecho came sweeping across central Iowa. Many small communities were severely impacted, and the damage was felt across the state. Gladbrook, Iowa was one of those towns. Gladbrook has a population of less than 1,000 people and only covers 0.70 square miles. Located in Tama County, Gladbrook needed assistance in their clean up and Rostan was contracted to perform the debris monitoring services. Many trees took damage which resulted in both ROW cleanup and hazardous trees and limb removal. In total, over 15,000 CY of debris was collected and hauled to disposal sites. Also, over 400 hazardous trees and limbs were removed.



Contact: Jackie Stephenson, City Clerk, 319 2nd Street, P.O. Box 309, Gladbrook, IA 50635, 641-473-2582, clerkgladbrook@iowatelecom.net



DEBRIS MONITORING SERVICES | FLOODING 2019 | FEMA DR-4462
WEST FELICIANA PARISH, LA. | 246,000 CY | COST: \$600,000



Following the historic flooding event that occurred from May through July of 2019 along the Mississippi River throughout Louisiana, Rostan was activated by West Feliciana Parish to assist in management of debris recovery efforts. The flood inundated certain road sections for months and had accumulated immense flooding debris in low-lying areas adjacent to the Mississippi River.

West Feliciana Parish is located within the greater Baton Rouge metropolitan statistical area. The affected areas were located approximately 2.5 miles west of Saint Francisville, the largest city in West Feliciana Parish. The Parish contains a large nuclear power facility, located on the edge of Saint Francisville, which produces approximately 10% of the electric power demand for the entire state.



Rostan was responsible for surveying and identifying the heavily impacted areas and worked alongside FEMA personnel to establish project-specific eligibility guidelines for debris removal. Rostan monitored the removal of sediment debris from the substantially impacted road sections. During phase 1 of the project, 499 truckloads totaling approximately 9,900 CY of flood debris were removed from specified road sections. Rostan managed and tracked the removal of an additional 236,000 CY of flood debris during phase 2 of the project.

Client Contact: Kenny Havard, Parish President, 5934 Commerce Street, St. Francisville, LA 70775, 225-784-3647, khavard@wfparrish.org

PUBLIC ASSISTANCE, GRANTS FUNDING, DEBRIS MONITORING AND MANAGEMENT | MULTIPLE PROJECTS
CHARLESTON COUNTY, SC | 2015 – ONGOING



FLOODING 2015 | FEMA DR-4241 | 31,500 CY | COST: \$2.3 MILLION

Following the historic flooding event during October 2015 throughout South Carolina, Rostan was activated by the County to assist in management of debris recovery efforts. Rostan was responsible for managing and monitoring the removal of C&D, white goods, and vegetative debris from the Right-of-Way (ROW) throughout the County. Optimized by our HaulPass® automated debris management system, Rostan provided rapid reconciliation of debris contractor invoices. Along with our team of debris management experts, local personnel were interviewed, trained and hired to enhance economic recovery of the affected area. In total, more than 30,000 cubic yards of debris was removed during a 30-day period.

In addition, Charleston County was faced with the daunting task of restoring and repairing an extensive network of roads and drainage channels. Charleston County maintains hundreds of miles of drainage canals, stormwater ditches, and unpaved roadways, including canals and roads that are listed on the national register of historic places. Charleston County's initial damage survey found that 222 unpaved roads and 219 drainage structures sustained damages. Rostan was tasked with managing the County's disaster recovery efforts and coordinating these efforts with the Federal Emergency Management Agency (FEMA) and South Carolina's Emergency Management Division (SCEMD). This included preparation of required documentation for project worksheets for Category A—Debris Management, Category B—Emergency Protective Measures, Category C—Roads and Bridges, and Category



ROSTAN
SOLUTIONS

D—Water Control Facilities. To support these efforts, Rostan reconciled multiple County departments' force account expenditures for Public Assistance (PA) emergency work categories.

HURRICANE MATTHEW | FEMA DR-4286 | 425,000 CY | COST: \$1.4 MILLION

While still recovering from the impacts of the 2015 late-season floods, Charleston County was the unfortunate recipient of Hurricane Matthew's initial landfall. Hurricane Matthew profiled the east coast of Florida and Georgia before coming inland in Charleston County near the town of McClellanville. Fortunately for the County, tide sequences welcomed the Hurricane at or near low tide, minimizing the flooding impact. This did not spare the County from dramatic vegetative damage and resulted in the collection of more than 400,000 CY by private contractor, as well as an estimated 100,000 CY collected by municipal and County entities. In addition, Matthew resulted in the removal of more than 18,000 hazardous hanging limbs and trees from major arteries and more densely populated areas. Debris collection, processing, and final haul-out efforts concluded after 112 days. Rostan was activated by the County to provide debris monitoring management services augmented by HaulPass®, our proprietary ADMS system. More than 80 employees were used to collect field data and monitor hauling operations. Debris was processed at three primary DMS sites, all staffed by Rostan personnel. Additionally, five final disposal sites, some more than 75 miles away, were utilized.

HURRICANE IRMA | FEMA DR-4346 | 15,800 CY | COST: \$230,000

For the third consecutive year, Charleston County fell victim to the devastating effects of weather. After Hurricane Irma hit in September 2017, disaster debris recovery efforts were underway once again. The Rostan team was on the ground mere hours after the storm hit to begin implementing the County's disaster debris management plan.

HURRICANE DORIAN | FEMA DR-4464 | 615,000 CY • 40,000 TONS | COST: \$1.5 MILLION

Once again, Charleston County suffered the devastating effects of weather. Following Hurricane Dorian in September 2019, disaster debris recovery efforts were underway yet again. The Rostan team was on the ground prior to storm impact to implement the County's disaster debris management plan as soon as possible.

Client Contact: Wesley D. Linker, P.E., Technical Programs Manager, Department of Public Works, 4045 Bridge View Drive, Suite B309, North Charleston, SC 29405, 843-202-7626, wlinker@charlestoncounty.org

**DEBRIS MONITORING SERVICES | 2019 TORNADOS
CITY OF RICHARDSON, TEXAS | 71,000 CY | COST: \$100,000**



In September 2019, a series of tornados impacted the Dallas/Fort Worth area causing significant destruction. The event was the most devastating natural disaster to impact the Dallas/Fort-Worth area in recent record. A substantial portion of the City of Richardson was severely impacted by the tornados. Entire houses were destroyed in multiple neighborhoods and municipal forces were overwhelmed with debris.

Rostan was contracted to provide debris monitoring services for the City. The City is in the Dallas metroplex, and is comprised of over 28 square miles with a population of over 120,000 residents. The affected area was located primarily in the southwestern portion of the city. A total of 918 truckloads of debris amounting to over 59,000 cubic yards was collected and hauled to disposal facilities. Additionally, 145 truckloads of reduced vegetative debris totaling over 11,000 cubic yards was hauled to disposal facilities.

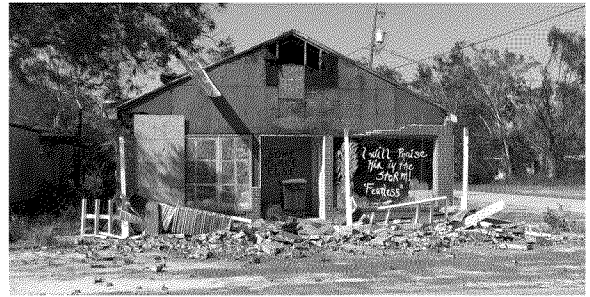


Client Contact: Eric Robison, Director, Public Services Department, 1260 Columbia Drive, Richardson, TX 75081, 972-744-4224, eric.robison@cor.gov

DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | HURRICANE MICHAEL | FEMA DR-4399
FLORIDA DEPARTMENT OF TRANSPORTATION | 525,000 CY | 2018-2019 | COST: \$2 MILLION



FDOT assumed administrative and financial responsibility for Liberty County following Hurricane Michael. Located in the Florida Panhandle and comprised of more than 840 square miles, the County is the least densely populated county in the State with slightly more than 8,000 residents. This, coupled with an extensive road network of nearly 1000 center-line miles, created a unique set of challenges. Within days of Hurricane Michael Rostan's management team was on the ground hiring monitors and certifying haul trucks. Nearly 100 local monitors were hired and trained, more than 525,000 cubic yards of debris collected, and more than 32,000 hazardous trees and limbs removed.



Client Contact: Beverly Renae Sanders, P.E., Florida Department of Transportation, Assistant District Construction Engineer, District Three Construction, 1074 Highway 90, Chipley, Florida 32428, (850) 330-1658, Renae.Sanders@dot.state.fl.us

DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | MULTIPLE PROJECTS
TOWN OF CAROLINA BEACH, NC | 2018 - PRESENT



HURRICANE FLORENCE | FEMA DR-4394 | 32,000 CY • 450 TONS

Carolina Beach, NC is an island beach community located along the Atlantic Ocean near Wilmington, NC. In September of 2018 Rostan was activated by the town to assist in management of debris recovery efforts from Hurricane Florence. Rostan was responsible for managing and monitoring the removal of C&D, and vegetative debris from the Right-of-Way (ROW) throughout the Town. In total, more than 29,000 cubic yards of debris was removed, all monitored and tracked by Rostan using HaulPass®. Following the completion of all debris-related activities, Rostan assisted the Town with the project worksheet for FEMA's Public Assistance (PA) program. In addition, the Town requested Rostan assist with several programmatically complex tasks including the review and editing of a procurement package for debris hauling, a comprehensive review of the Town's Disaster Pay Policy, and to provide as-needed technical support on the Town's PA Alternative Procedures Pilot Program [428] project to improve the municipal marina.

HURRICANE ISAIAS | FEMA DR-4568 | 32,000 CY • 675 TONS

Carolina Beach was impacted again in August 2020 by Hurricane Isaias. Similar to Rostan's role in response to Florence, Rostan provided debris monitoring and PA support services.

Client Contact: Brian Stanberry, Director, Public Works Department, 1121 N. Lake Park Blvd., Carolina Beach, NC 28428, 910-458-8291, brian.stanberry@carolinabeach.org

DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES | HURRICANE FLORENCE
FEMA DR-4393 | CITY OF LUMBERTON, NC | 45,000 CY • 4,300 TONS | 2018-2019 | COST: \$550,000



The City of Lumberton is located in Robeson County, North Carolina and sits in the heart of the Lumber River State Park system. The City fell victim to extreme local rainfall and to the Lumber River swelling resulting in extensive flooding during Hurricane Matthew and once again during Hurricane Florence. Furthermore, much of the city suffered from significant tree damage as a result of Hurricane Florence's sustained winds. Within 24 hours of the City requesting Rostan's assistance, multiple of Rostan's Senior Level Personnel converged on the city to render aid. Within 36 hours local team members had begun training, trucks had been certified and ROW debris removal operations commenced. Over 45,000 CY of vegetative and reduced vegetative material was been removed from the City ROW's and Public Property including an extensive public Park System and public waterways. Furthermore, over 1,000 tons of C&D were been removed from these locations as well. Over 450 trees were removed and/or mitigated as a public safety hazard.

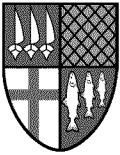


Client Contact: Robert Armstrong, Director, Public Works Department, 215 S Cedar St, Lumberton, NC 28358, 910-671-3851, rmstrong@ci.lumberton.nc.us

2.5 REFERENCES

Rostan has extensive experience providing disaster recovery and program management consulting services to local governments and institutions. We value not only our reputation, but also our clients. We have many long-term client relationships, and we are humbled by and proud of our references. We pride ourselves on our speed of delivery, which each client reference will attest to. Provided below are references for relevant projects.

PUBLIC ASSISTANCE, GRANTS FUNDING, DEBRIS MONITORING AND MANAGEMENT SERVICES CITY OF NORTH PORT, FLORIDA	
	HURRICANE IAN FEMA DR-4673 • HURRICANE IRMA FEMA DR-4337
	DR-4673 PROJECT DATE 2022 – Present
	DR-4673 DEBRIS TYPES TRACKED C&D, Compacted C&D, Mulch, Vegetation, Hanging Limbs, Leaning Trees
	DR-4673 QUANTITY MONITORED 2,772,776.60 CY / 20,712 Hanging Limbs / 8,543 Leaning Trees
	DR-4673 PROJECT COST \$4.1 Million
	MONITORING METHOD HaulPass® Automated Debris Management System
	CONTACT Frank Lama, Solid Waste Manager Tel: 941-240-8074 Email: flama@northportfl.gov 1100 North Chamberlain Blvd, North Port, FL 34286

DEBRIS MANAGEMENT SERVICES TOWN OF WINDERMERE, FLORIDA	
	HURRICANE IAN FEMA DR-4673 • HURRICANE IRMA FEMA DR-4337
	DR-4673 PROJECT DATE 2022
	DR-4673 DEBRIS TYPES TRACKED Vegetation
	DR-4673 QUANTITY MONITORED 13,926.10 CY
	DR-4673 PROJECT COST \$90,000.00
	MONITORING METHOD HaulPass® Automated Debris Management System
	CONTACT Tonya Elliott Moore, Director of Public Works Tel: 407-876-2563 ext. 5325 Email: tmoore@town.windermere.fl.us 614 Main Street, Windermere, FL 34786

DEBRIS MANAGEMENT AND PUBLIC ASSISTANCE SUPPORT SERVICES VILLAGE OF ESTERO, FLORIDA	
	HURRICANE IAN FEMA DR-4673 • HURRICANE IRMA FEMA DR-4337
	DR-4673 PROJECT DATE 2022 – 2023
	DR-4673 DEBRIS TYPES TRACKED C&D, Compacted C&D, Mixed Debris, Mulch, Vegetation, Electronic Waste, Hanging Limbs, Leaning Trees, White Goods, Household Hazardous Waste
	DR-4673 QUANTITY MONITORED 374,646.40 CY / 7,712 LB / 1,377 Hangers / 47 Leaners / 555 Electronics / 213 White Goods
	DR-4673 PROJECT COST \$640,000.00
	MONITORING METHOD HaulPass® Automated Debris Management System
	CONTACT David Willems, P.E., Public Works Director Tel: 239-221-5035 Email: willems@estero-fl.gov 9401 Corkscrew Palms Circle, Estero, FL 33928



DISASTER DEBRIS MONITORING & MANAGEMENT SERVICES



Request for Proposals | March 7, 2024



Photo Courtesy: NOAA

DISASTER DEBRIS MONITORING & MANAGEMENT SERVICES FOR THE CITY OF ST. PETE BEACH, FL

SECTION 3 – QUALIFICATIONS OF STAFF

- 3.1 Firm and Project Organizational Structure
- 3.2 Key Personnel
- 3.3 Rostan Team Resumes

SUBMITTED BY

ROSTAN SOLUTIONS, LLC

3433 Lithia Pinecrest Road
Suite 287

Valrico, Florida 33596

Travis Mays, Vice President

Office: 813.333.7042

Mobile: 713.823.2002

Fax: 813.333.7330

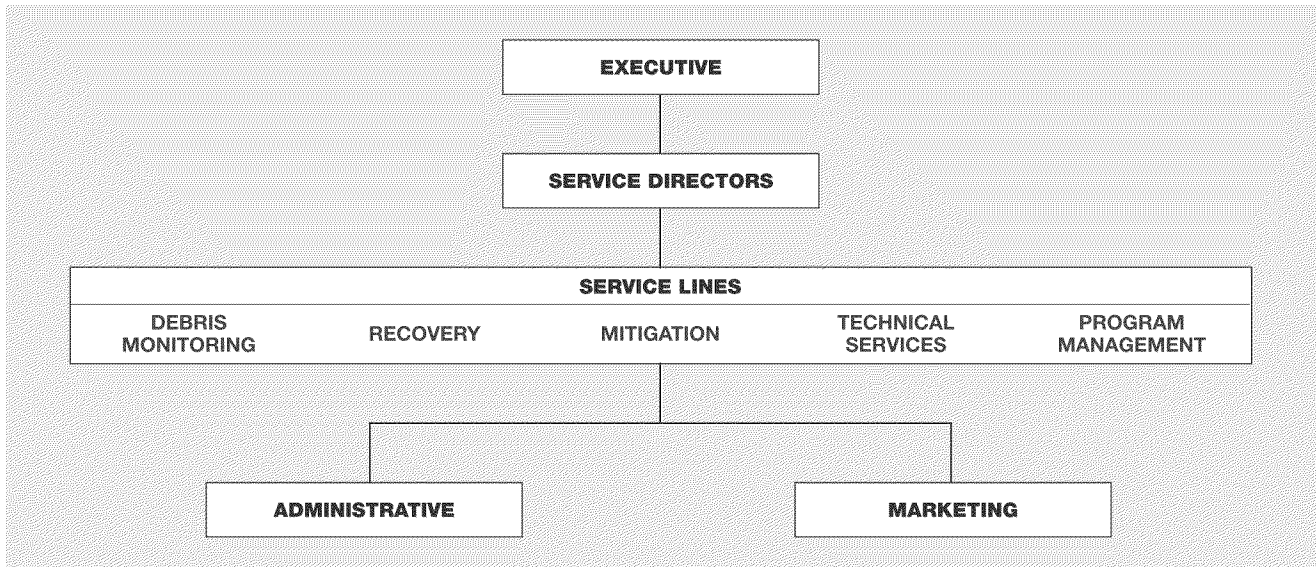
Email: tmays@rostan.com

Website: www.rostan.com



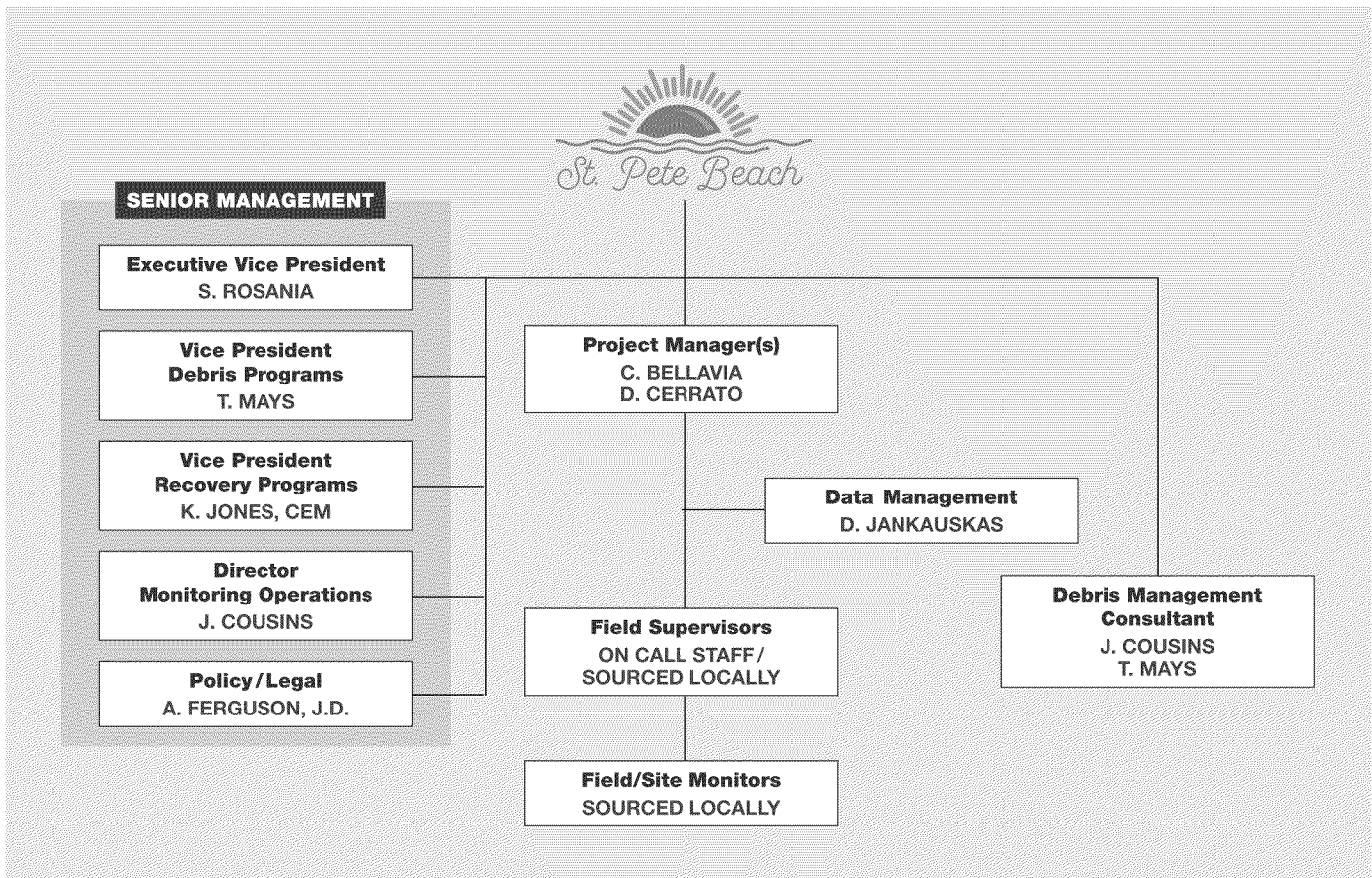
3.1 FIRM AND PROJECT ORGANIZATIONAL STRUCTURE

FIRM ORGANIZATIONAL STRUCTURE



PROJECT ORGANIZATIONAL STRUCTURE

The Rostan project team is organized to create a seamless and transparent approach to projects. As shown in the following organizational chart, we have assembled a team of seasoned professionals with the qualifications and experience needed for this project. This organizational structure provides the City with a defined leadership and communication structure.



3.2 KEY PERSONNEL



Rostan has reviewed the scope of services for this project and assembled a project team consisting of highly competent professional staff with the experience and technical capabilities necessary to implement a project of this scope and manage it to successful completion. Our experience is that the key to an expeditious recovery includes careful planning and the ability to adapt to changing circumstances and conditions on a frequent basis. We strive to anticipate problems before they arise and resolve them by relying on our past experiences, best-practices, and our understanding of current regulations.

Rostan believes that maintaining close communications with the City, contractors, and state/federal stakeholders provides for efficient recovery management. Our team has been organized to best meet the needs of the City, so that we can quickly, efficiently, and cost effectively execute the project tasks that the City requires. All key Rostan personnel assigned to this

project are full-time staff and have considerable experience managing and supporting large-scale projects. Some of these projects are mentioned briefly below.

SAM ROSANIA: PRINCIPAL • EXECUTIVE VICE PRESIDENT

Mr. Rosania is the Co-Founder and Executive Vice President of Rostan and has more than 40 years of experience working for the public and the private sector. Mr. Rosania's areas of expertise include disaster management and recovery, integrated solid waste management, and hazardous waste management. He is a co-founder of Rostan and has fulfilled an advisory and support role on every debris monitoring project since Rostan was founded.

TRAVIS MAYS: PRINCIPAL • VICE PRESIDENT

Mr. Mays serves as Rostan's Vice President of Debris Programs. He has 16 years of experience and has personally led the management of some of Rostan's largest debris removal monitoring projects including multiple USACE projects and has had an oversight role on every debris monitoring project since 2011. He has been on staff with Rostan since 2008.

KYLE JONES, CEM: PRINCIPAL • VICE PRESIDENT

Mr. Jones is a Certified Emergency Manager (CEM) with emergency management and hazard mitigation experience. He is regarded as a subject matter expert in the HMGP and FEMA Public Assistance Programs through the International Association of Emergency Managers (IAEM) and has worked with recovery and mitigation projects since 2004. He also specializes in development of PWs, the FEMA appeal process, Code of Federal Regulation (CFR) analysis, and identification of Federal funding sources for clients. Mr. Jones has extensive programmatic knowledge of the 404 and 406 Grant Programs and has over a decade of hands-on experience in managing major Federal disaster declarations and program funding. Mr. Jones has been on staff with Rostan since 2018.

JEFF COUSINS: DIRECTOR OF MONITORING OPERATIONS

Mr. Cousins has 19 years of experience managing debris monitoring and disaster recovery projects for clients at the local, state, and federal level. He serves as Rostan's Director of Monitoring Operations. Mr. Cousins is intimately familiar with the scope of services anticipated for this project. In addition to numerous other clients, he has managed large-scale projects for clients including New Jersey Department of Environmental Protection, Cumberland County, TN, and Liberty County, FL. Mr. Cousins has an array of experience managing ROW debris removal; leaner, hanger, and hazardous stump removal; waterways debris removal, demolition, and PPDR operations from startup to closeout. He has been on staff with Rostan since 2004.

ADAM FERGUSON: POLICY / LEGAL

Mr. Ferguson has over 14 years of experience in disaster recovery, mitigation, and grants management. He acts as a Senior Programmatic Specialist and Project Manager for Disaster Recovery Operations supporting states, local governments, and utilities in the identification, pursuit, and securing of state and federal aid. He is skilled in providing technical guidance and assistance in demonstrating programmatic eligibility. Mr. Ferguson also directs programmatic and administrative appeals processes for clients facing adverse agency determinations. He has been on staff with Rostan since 2017.

CHRIS BELLAVIA: PROJECT MANAGER

Mr. Bellavia has 12 years of experience and has served in debris monitoring operations management supporting disaster recovery efforts throughout the country. He led kick-off of debris monitoring and management operations for the City of North Port following Hurricane Irma and more recently, Hurricane Ian. Additionally, he served as Technical Services Manager for the 5.9 million cubic yard debris monitoring project for the U.S. Army Corps mission throughout Puerto Rico following Hurricane Maria. Mr. Bellavia has been involved in additional large-scale projects including Liberty County, FL, Charleston County, SC, Township of Brick, NJ, and New Jersey Department of Environmental Protection. He has been on staff with Rostan since 2012.

DEVIN CERRATO: PROJECT MANAGER

Mr. Cerrato has 6 years of experience as a project/operations manager for Rostan on several projects, most recently for Suwannee Valley Electric Cooperative, spanning five Florida counties after Hurricane Idalia. His other projects include Liberty County, FL, Charleston County, SC, Slidell, LA, Lyon County, KY, and for five Florida clients including the City of North Port, located in one of the hardest-hit areas following Hurricane Ian. He is technically advanced and serves as one of our leading HaulPass® technicians. Mr. Cerrato has been on staff with Rostan since 2018.

DENISE JANKAUSKAS: DATA MANAGEMENT

Ms. Jankauskas has 12 years of experience managing data collection and quality control of data elements for debris monitoring projects. Her strict attention to detail, coupled with a comprehensive background in graphics and design, enables her project teams to meet all project reporting requirements in a timely manner while maintaining the highest data integrity standards. She has been on staff with Rostan since 2012.

For more detailed information, resumes of these key individuals anticipated to serve the City can be found in Section 3.3.



YEARS OF EXPERIENCE

16

EDUCATION

Bachelor of Business Administration,
University of Houston, 2006

CERTIFICATIONS & TRAINING

- Construction Quality Management (CQM) – USACE/NAVFAC
- Hazardous Waste Operations and Emergency Response Training (40HR Initial/8 HR Refresher)
- IS-100: Introduction to Incident Command Systems

RECOVERY EVENTS**2023**

Hurricane Idalia

2022

Hurricane Ian

2021

Tornado, KY Hurricane Ida
Wildfires, CA Hurricane Nicholas

2020

Wildfires, CA/OR Hurricane Laura
Hurricane Zeta Severe Storms, IA
Hurricane Delta Hurricane Isaias

2019

Hurricane Dorian Tornado, TX
Flooding, LA

2018

Hurricane Michael Hurricane Florence

2017

Hurricane Maria Hurricane Harvey
Hurricane Irma

2016

Hurricane Matthew Flooding, LA

2015

Flooding, SC Ice Storms, TN
Avian Flu, IA

2012

Hurricane Sandy

2011

Hurricane Irene Tornado, AL
Tornado, MO

2010**2008**

Earthquake, Haiti Hurricane Ike

Mr. Mays joined the Rostan team in 2008 following a brief stint in the insurance industry after graduating from the University of Houston in 2006. He serves as a Principal and Rostan's Vice President of Debris Programs. Mr. Mays prefers a hands-on approach to projects and is regularly involved in the day-to-day activities of Rostan projects large and small. During his 16 years with Rostan, he has served in every operational debris monitoring role and utilizes this experience, and knowledge gained working on behalf of more than 100 clients, to inform his team's continued development.

Mr. Mays is integrally involved in the day-to-day management of Rostan's debris monitoring services line. Responsibilities include mobilization and logistics, resource management, procurement and contracting, budgeting, invoicing and accounts receivable, technical program and policy support, HaulPass® development and integration, and client development and management.

RECENT PROFESSIONAL EXPERIENCE**MULTIPLE FLORIDA JURISDICTIONS || FEMA DR-4734 || 2023-PRESENT****Debris Monitoring Services**

Rostan was engaged by Tidal Basin to serve their client Suwannee Valley Electric Cooperative, servicing a four-county area in the neck of Florida. This project required immense resources, and Rostan deployed HaulPass® and personnel to support our ADMS in the field. More than 70,000 tree tickets and more than 800,000 cubic yards of debris were collected on this project.

Rostan was also engaged by the City of St. Pete Beach for a small project following Hurricane Idalia's near miss of the area.

MULTIPLE FLORIDA JURISDICTIONS || FEMA DR-4673 || 2022-2023**Debris Monitoring and Public Assistance Support Services**

Project Principal and Vice President responsible for project quality control and providing technical expertise to support Rostan's deployment and debris monitoring projects for multiple jurisdictions following Hurricane Ian. Rostan was activated by several on-call clients in Florida to provide debris monitoring and public assistance support services. Rostan hired more than 300 local monitors to support these clients recovery efforts. Clients include:

City of Sarasota	Town of Windermere	City of Pinellas Park
Village of Estero	City of North Port	City of St. Pete Beach

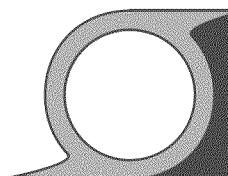
The City of North Port, FL was particularly hard hit as the eyewall of Hurricane Ian hovered over the City for several hours. Nearly 200 monitors were hired to support this effort resulting in the collection of more than 2,000,000 cubic yards of debris and the removal of nearly 30,000 hazardous trees and hanging limbs. Three DMS locations and two final disposal sites were utilized.

LYON COUNTY, KY || FEMA DR-4630 || 2021-2022**Debris Monitoring and Public Assistance Support Services**

Rostan was hired by Lyon County, KY shortly after deadly tornadoes on December 10 impacted most of southwestern Kentucky. Rostan mobilized within a few days to begin monitoring operations and has monitored 125,000 CY.

CALIFORNIA || PACIFIC GAS & ELECTRIC || 2021-2022**Wildfire Response and Inspection Services**

Rostan provided a team of Task Force Leaders to conduct vegetation inspection and oversight along distribution and transmission line in the footprint of the Dixie Fire. Rostan was additionally provided with subsequent opportunities to support the Fawn Fire, and the North Coast and North Valley Enhanced Vegetation Management (EVM) program administered by PG&E.

**MULTIPLE LOUISIANA JURISDICTIONS || FEMA DR-4611 || 2021 – 2022****Debris Monitoring, Program Management, and Public Assistance Support Services**

Following Hurricane Ida, Rostan was activated by several on-call clients in eastern Louisiana to support debris removal operations and implement private property debris removal (PPDR) programs. Clients include:

New Orleans City Park City of Gretna	City of Slidell Town of Pearl River	Plaquemines Parish Town of Litcher	St. James Parish Town of Gramercy
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BRAZORIA COUNTY, TX || HURRICANE NICHOLAS || 2021**Debris Monitoring and Management**

Rostan was activated to provide debris monitoring services following impacts from Hurricane Nicholas in Brazoria County, TX. Rostan monitored the removal and disposal of nearly 60,000 CY. Nearly 900 loads of debris were received at the disposal site by County contractors. Additionally, Rostan documented receipt of debris at the DMS from a number of other municipalities within the County.

CALIFORNIA/OREGON || FEMA FM-5365/5369 || 2020–2021**Wildfire Response and Inspection Services**

Rostan provided Consulting Utility and Senior Consulting Utility Foresters in support of PacifiCorp, Inc. following the Archie Creek Fire in Oregon and the Slater Fire in northern California/Oregon. Rostan provided 40 employees to conduct hazardous tree inspections along transmission and distribution lines in rugged, remote terrain. This project required 20 weeks to complete.

MULTIPLE LOUISIANA JURISDICTIONS || FEMA DR-4559, DR-4570, DR-4577 || 2020– PRESENT**Debris Monitoring and Public Assistance Support Services**

Project Principal and Vice President responsible for project quality control and providing technical expertise to support Rostan's deployment and debris monitoring projects for multiple jurisdictions in Louisiana following Hurricanes Laura, Delta and Zeta. Rostan provided services to West Feliciana Parish, the second debris removal project for this client in as many years, and to New Orleans City Park. Rostan's response in Cameron Parish, where Hurricane Laura made landfall, was Rostan's largest project of 2020, requiring more than 100 employees and documenting the collection of more than 1.4 million cubic yards.

TOWN OF CAROLINA BEACH, NC || FEMA DR-4568 || 2020**Debris Monitoring and Public Assistance Support Services**

Project Principal and Vice President provided technical assistance to support the City of Carolina Beach, NC following Hurricane Isaias landfall on August 3, 2020. This was Rostan's second deployment in Carolina Beach in the past three years, having previously responded to meet the City's needs following Hurricane Florence in 2018.

MULTIPLE IOWA JURISDICTIONS || FEMA DR-4557 || 2020**Debris Monitoring and Public Assistance Support Services**

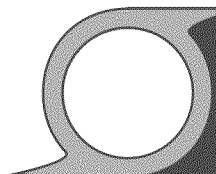
Project Principal and Vice President provided technical expertise to support multiple municipalities that were affected by a sudden Derecho event in August 2020. Rostan provided FEMA reimbursement assistance, debris removal monitoring, DMS monitoring and hired, trained, and deployed more than 20 local staff. Municipal clients included the City of Tama, City of Toledo, City of Gladbrook, City of State Center and the Tama County Conservation District.

CHARLESTON COUNTY, SC || FEMA DR-4464 || 2019–2020**Debris Monitoring and Public Assistance Support Services**

Charleston County, SC activated Rostan after Hurricane Dorian to provide debris monitoring services to oversee debris collection services countywide. The largest of the five deployments, Rostan hired more than 100 local employees to serve as debris monitors and field supervisors. As a senior consultant and Rostan's Debris Programs Manager, Mr. Mays was involved integrally in the day-to-day operations on this project. He represented Rostan in all County meetings, coordinated the deployment of HaulPass®, and managed the quality control program for all project data. He is currently supporting the County's reimbursement effort.

CITY OF RICHARDSON, TX || TORNADO || 2019**Debris Monitoring and Management**

Program Manager served as a technical advisor to the Project Manager. Coordinated with the Project Manager to ensure project was meeting the client's goals. Responsible for final review of project data and administering Rostan's quality control procedures.

**LIBERTY COUNTY, FL || FEMA DR-4399 || 2018-2019****Debris Monitoring and Public Assistance Support Services**

Program Manager responsible for oversight and quality assurance of daily Hurricane Michael monitoring tasks. Served as a technical advisor to the Project Manager. Also served as the primary point of contact for Florida DOT and Florida DEM. ROW debris collection involved the hiring, training, and deployment of more than 100 local staff. Over 500,000 cubic yards of storm generated debris was removed and processed, and more than 34,000 hazardous trees and limbs were removed.

CITY OF LUMBERTON, NC || FEMA DR-4393 || 2018-2019**Debris Monitoring and Public Assistance Support Services**

Program Manager responsible for oversight and quality assurance of daily Hurricane Florence monitoring tasks. Served as a technical advisor to the Project Manager. This project consisted of two phases, standard ROW collection and waterways debris collection. ROW collection was completed in January 2019 and waterways debris collection in July 2019. Lumberton has had historical issues with the Lumber River flooding significant parts of the City.

PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS || FEMA DR-4339 || 2018-2019**Debris Monitoring and Public Assistance Support Services**

Partnering with Xpert's Inc., Mr. Mays served as the technical lead for all Hurricane Maria debris data collection efforts. Through coordination with the project team, Mr. Mays was responsible for quality assurance of all project-related data tracked using HaulPass®. This data was used to reconcile invoices for 19 prime contractors and for reimbursement requests to FEMA.

USACE JACKSONVILLE DISTRICT /XPRT'S INC. || FEMA DR-4339 || 2017-2019**Automated Debris Management System**

Served as the technical lead for HaulPass® deployment in support of Xpert's Inc./USACE debris removal efforts in Puerto Rico following Hurricane Maria. HaulPass® tracked more than 250,000 loads of debris totaling more than 5.9 million cubic yards from six regions and 58 municipalities on this project. In addition, nearly 1,700 hauling trucks were certified, and more than 60 disposal sites were utilized island wide. Over 250 QC Monitors were trained to use HaulPass®. All project data was reconciled nightly, and an operations report was issued to USACE daily. This project was one of the industry's largest data collection projects ever completed using an ADMS.

MULTIPLE TEXAS JURISDICTIONS || FEMA DR-4332 || 2017-2018**Debris Monitoring and Public Assistance Support Services**

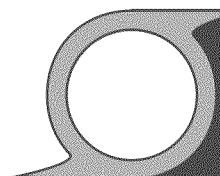
Mr. Mays served as the Program Manager for all debris monitoring projects in the State of Texas following Hurricane Harvey. In total Rostan provided debris removal monitoring services to 7 clients including some of the most hard-hit/heavily flooded areas of east Texas near including the City of Orange and Hardin County, TX.

MULTIPLE FLORIDA JURISDICTIONS || FEMA DR-4337 || 2017-2018**Debris Monitoring and Public Assistance Support Services**

As a Senior Consultant, Mr. Mays was responsible for providing compliance and technical guidance to many Florida clients including the City of North Port, Town of Windermere, and City of Winter Springs. Rostan provided debris removal monitoring and PA support services to more than 20 clients in Florida following Hurricane Irma.

OTHER RELATED EXPERIENCE

2016 GARDEN CITY, GA || FEMA DR-4284
2016 CHARLESTON, SC || FEMA DR-4286
2015 TENNESSEE || MULTIPLE JURISDICTIONS || FEMA DR-4211
2015 AVIAN FLU RESPONSE || IOWA || USDA 2124 DISASTER
2015 DEBRIS MANAGEMENT PLAN || HILLSBOROUGH COUNTY, FL
2014 JENKINS COUNTY, GA || FEMA DR-4165
2012 NEW YORK || FEMA DR-4085
2012 NEW JERSEY || MULTIPLE JURISDICTIONS || FEMA DR-4024
2011 VIRGINIA || MULTIPLE JURISDICTIONS || FEMA DR-4024
2011 BIRMINGHAM, AL || FEMA DR-1971
2011 JOPLIN, MO || FEMA DR-1980
2010 HAITI EARTHQUAKE
2008 TEXAS || MULTIPLE JURISDICTIONS || FEMA DR-1791
2008 CAMERON PARISH, LA || FEMA DR-1792



YEARS OF EXPERIENCE

21

EDUCATION

BA, Business Administration,
Louisiana State University, 2007

PROFESSIONAL REGISTRATIONS

- Certified Emergency Manager (CEM)

QUALIFICATIONS

- FEMA Professional Development Series
- IS-139: Exercise Design
- IS-230 b: Fundamentals of Emergency Management
- IS-235 b: Emergency Planning
- IS-240 a: Leadership & Influence
- IS-241 a: Decision Making & Problem Solving
- IS-242 a: Effective Communication
- IS-244 a: Developing & Managing Volunteers
- FEMA Multi-Hazard Emergency Planning for Schools – Train the Trainer
- HS/TEEX Threat & Risk Assessment Course
- IS-00001: Emergency Program Manager
- IS-07: A Citizen's Guide to Disaster Assistance
- IS-26: Guide to Points of Distribution
- IS-100: Intro to ICS
- IS-100.SCa: Intro to ICS for Schools
- IS-200: ICS for Single Resources & Initial Action Incidents
- IS-212: Intro to Unified Hazard Mitigation Assistance

Mr. Jones is a Certified Emergency Manager with a tenured background in emergency management, public assistance, hazard mitigation, and other federal cost recovery programs. He specializes in maximizing funding sources for clients and applying the federal regulations and/or policies to projects. Mr. Jones also specializes in FEMA Appeals, Code of Federal Regulation analysis, and interfaces with FEMA/HUD and State Agencies on behalf of clients to ensure program success for project funding. Mr. Jones' extensive disaster recovery background yields tremendous programmatic knowledge of the 404 and 406 mitigation programs with nearly two decades of hands-on experience in managing HMGP/HMA, Public Assistance Programs, and other major federal disaster declarations on behalf of clients.

PROFESSIONAL EXPERIENCE

ROSTAN SOLUTIONS || BATON ROUGE, LA || 2018–PRESENT
Principal/Vice President

ARCADIS NORTH AMERICA || BATON ROUGE, LA || 2014–2018
Director, Disaster Programs

EAST BATON ROUGE PARISH || BATON ROUGE, LA || 2007–2014
Chief of Operations/Deputy Director

STATE OF LOUISIANA OFFICE OF EMERGENCY PREPAREDNESS – MILITARY DEPARTMENT || BATON ROUGE, LA || 2003–2007
Operations Support & Management Coordinator

PROJECT AND PROGRAMS EXPERIENCE

PROGRAM MANAGEMENT || 2014–PRESENT

FEMA Public Assistance Programs

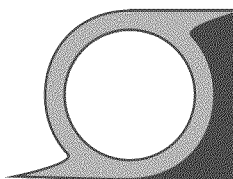
Served as the Program Executive for Public Assistance Programs on behalf of clients that are impacted by a disaster totaling over \$5B in program management since 2014. Responsible for the operation and management of the program and representing client interests from the initial damage assessment phase, through the project scoping meeting, to costing and reimbursements until closeout and if applicable, appeals and/or arbitration across numerous sectors of Applicants and Sub-Applicants. Client Sectors include State Agency, Local County/Parish Government, Municipal Governments, Water Districts, Utilities, Houses of Worship, Private Non-Profits, Hospital Systems, School Systems, Housing Authorities, Drainage Districts and Airports.

FEMA Hazard Mitigation Programs

Served as the Program Executive for Hazard Mitigation Programs on behalf of clients that are allocated or seek to apply for Hazard Mitigation funding through the 404 HMGP Program or through the Non-Disaster Grant Programs. Mr. Jones has managed and overseen over \$500MM in project awards spanning his career in residential mitigation projects for Acquisitions, Elevations, Mitigation Reconstructions, Safe Rooms, Drainage/Infrastructure Projects, Wind Retrofits, Green Infrastructure Design and Generator Initiative projects.

HUD/CDBG Programs

Served as the Program Executive for HUD and CDBG-DR programs on behalf of clients that are impacted and receive federal funding totaling over \$100MM in program management since 2014. Mr. Jones is responsible for managing the overall project and representing client interests from the initial application development phase to the project award. He also oversees the project implementation and coordinates with project stakeholders on behalf of clients to fast track program implementation.



YEARS OF EXPERIENCE

19

CERTIFICATIONS & TRAINING

- IS-5.a: Introduction to Hazardous Materials
- IS-100: Introduction to Incident Command System
- IS-200: ICS for Single Resources and Initial Action Incidents
- IS-300: Intermediate ICS
- IS-400: Advanced ICS
- IS-700: National Incident Management System (NIMS)
- IS-800: National Response Framework
- HAZWOPER (40-Hour)
- OSHA Disaster Training

RECOVERY EVENTS

2023

Hurricane Idalia

2022

Hurricane Ian

2021

Tornado, KY Hurricane Ida
Hurricane Nicholas

2020

Hurricanes Zeta Severe Storms, IA
Hurricane Delta Hurricane Isaias
Hurricane Laura

2019

Flooding, LA Hurricane Dorian

2018

Hurricane Michael Hurricane Florence

2017

Hurricane Irma Hurricane Harvey

2016

Hurricane Matthew Flooding, LA
Tornado, VA

2015

Ice Storm, TN

2014

Ice Storm, GA

2012

Hurricane Sandy

EVENTS 2011 AND EARLIER

Hurricane Irene Hurricane Ike
Tornado, MO Ice Storm, NY
Tornado, AL Hurricane Katrina
Earthquake, Haiti Hurricane Wilma

Mr. Cousins has 19 years of experience with Rostan and serves as Rostan's Director of Operations for Debris Monitoring Services. He specializes in disaster management and recovery and has supported debris monitoring and reimbursement projects following some of the world's most devastating disasters, including Hurricane Katrina, the devastating 2010 earthquake in Haiti, Hurricane Sandy, Hurricane Irma, Hurricane Laura, and Hurricane Ian to name a few. He has experience in logistics and operations coordination, project planning and formulation, procurement assistance, debris management plan development, debris monitoring and ADMS system support, federal and state program policy, and reimbursement support.

RECENT PROFESSIONAL EXPERIENCE

MULTIPLE FLORIDA JURISDICTIONS || HURRICANE IDALIA || FEMA DR-4734 2023-2024

Debris Monitoring Services

Rostan was engaged by Tidal Basin to serve their client Suwannee Valley Electric Cooperative, servicing a four-county area in the neck of Florida. This project required immense resources, and Rostan deployed HaulPass® and personnel to support our ADMS in the field. More than 70,000 tree tickets and more than 800,000 cubic yards of debris were collected on this project. Rostan was also engaged by St. Pete Beach for a small project following Hurricane Idalia.

MULTIPLE MUNICIPALITIES, FLORIDA || HURRICANE IAN || FEMA DR-4673 2022-PRESENT

Debris Management and Public Assistance Support Services

As Director of Debris Operations, Mr. Cousins provided support and technical assistance to the Project Managers, serving 6 municipalities in Florida. He was directly responsible for ensuring that our debris monitoring teams provided the highest level of client service. Mr. Cousins was involved in all day-to-day operations. Rostan has deployed more than 400 employees and tracked over 40,000 truckloads totaling more than 2.9 million cubic yards of storm debris. This includes removing more than 30,000 hazardous trees and limbs. Our debris monitoring clients included:

City of North Port
Town of Windermere

Village of Estero
City of St. Pete Beach

City of Sarasota
City of Pinellas Park

LYON COUNTY, KY || TORNADOES || FEMA DR-4630 || 2021-2022

Debris Monitoring and Public Assistance Support Services

Following the tornadoes that went through southwestern Kentucky, Mr. Cousins was responsible for project quality control and served as technical advisor to the Project Manager. Rostan mobilized within a few days to begin monitoring operations and has monitored 125,000 CY.

BRAZORIA COUNTY, TX || HURRICANE NICHOLAS || 2021

Debris Monitoring and Management

As Director of Debris Operations, Mr. Cousins Provided project quality control and technical support during Rostan's activation following Hurricane Nicholas in Brazoria County, TX. Rostan monitored the removal and disposal of nearly 60,000 CY. Nearly 900 loads of debris were received at the disposal site by County contractors. Additionally, Rostan documented receipt of debris at the DMS from several other municipalities within the County.

MULTIPLE MUNICIPALITIES, LOUISIANA || FEMA DR-4611 || 2021-2022

Debris Monitoring, Program Management, and Public Assistance Support Services

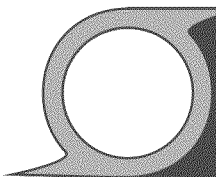
Following Hurricane Ida, Rostan was activated by several on-call clients in eastern Louisiana to support debris removal operations and implement private property debris removal (PPDR) programs. Mr. Cousins provided oversight, quality control, and technical support. Clients include:

New Orleans City Park
City of Gretna

City of Slidell
Town of Pearl River

Plaquemines Parish
Town of Litcher

St. James Parish
Town of Gramercy



CAMERON PARISH, LA || FEMA DR-4559 || 2020-2023

Debris Management and Public Assistance Support Services

Director of Debris Operations provided support and technical assistance to the Project Manager in Cameron Parish following Hurricane Laura. Hurricane Laura was the 10th strongest hurricane on record. Mr. Cousins is involved in all day-to-day operations and represents Rostan in Parish meetings. Rostan has deployed more than 100 employees and tracked more than 22,000 truckloads totaling more than 1.3 million cubic yards of storm debris. This includes removing more than 1,700 hazardous trees and limbs, 3,200 white goods, and more than 1,300 electronic waste units.

NEW ORLEANS CITY PARK, LA || FEMA DR-4577 || 2020

Debris Management and Public Assistance Support Services

Director of Debris Operations provided support and technical assistance to the Project Manager in New Orleans City Park following Hurricane Zeta. Over 500 hazardous trees/limbs were removed from the public right of way, as well as over 11,000 cubic yards of vegetative debris was removed and hauled to the final disposal location.

MULTIPLE MUNICIPALITIES, IOWA || FEMA DR-4557 || 2020

Debris Management and Public Assistance Support Services

Director of Debris Operations provided support and technical assistance to the Project Managers during Rostan's debris removal operations in 6 municipalities throughout Central Iowa. Over 3,600 hazardous trees/limbs were removed, and nearly 150,000 yards of vegetative debris was collected and disposed of.

WEST FELICIANA PARISH, LA || FEMA DR-4462 || 2019-2020

Debris Management and Public Assistance Support Services

Director of Debris Operations provided support and technical assistance to the Project Manager following the Mississippi River's flooding in 2019. Rostan tracked the removal of over 120,000 yards of sediment debris from the public right of way.

TOWN OF CAROLINA BEACH, NC || FEMA DR-4568 || 2020

Debris Management and Public Assistance Support Services

Mr. Cousins served as Project Manager and was responsible for overseeing all aspects of Rostan's services for The Town of Carolina Beach. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, contractor coordination, certification of hauler equipment, and deployment of the HaulPass® Automated Debris Management System. Over 47 days, over 30,000 cubic yards of disaster-generated debris was collected and taken to the final disposal.

CHARLESTON COUNTY, SC || FEMA DR-4464 || 2019-2020

Debris Management and Public Assistance Support Services

Mr. Cousins served as Project Manager and was responsible for overseeing all aspects of Rostan's services for Charleston County. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, contractor coordination, certification of hauler equipment, and deployment of the HaulPass® Automated Debris Management System. Over 100 local monitors were hired and trained, more than 655,000 cubic yards of debris was collected and processed, and more than 5,200 hazardous trees and limbs were removed.

LIBERTY COUNTY, FL || FEMA DR-4399 || 2018-2019

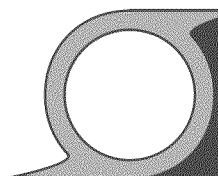
Debris Management and Public Assistance Support Services

Mr. Cousins served as Rostan's Project Manager for our work in Liberty County following Hurricane Michael in October 2018. He was responsible for debris removal monitoring, client coordination, DMS monitoring, hauler invoice reconciliation, and the hiring, training, and deployment of more than 100 local staff. In addition, he was responsible for the successful deployment of the HaulPass® Automated Debris Management System. Over 522,000 cubic yards of storm-generated debris were removed and processed, and more than 34,000 hazardous trees were removed and disposed of.

TOWN OF CAROLINA BEACH, NC || FEMA DR-4393 || 2018

Debris Management and Public Assistance Support Services

Project Manager in the Town of Carolina Beach, NC, following Hurricane Florence in September of 2018. Responsible for FEMA reimbursement assistance, client coordination, debris removal monitoring, DMS monitoring, and the hiring, training, and deployment of field staff. In addition, responsible for the successful deployment of the HaulPass® Automated Debris Management system



MULTIPLE MUNICIPALITIES, FLORIDA || HURICANE IRMA || FEMA DR-4337 || 2017-2018

Debris Management and Public Assistance Support Services

As Program Manager, Mr. Cousins directed all of Rostan's resources, serving 21 municipalities throughout Florida. He was directly responsible for ensuring that our debris monitoring teams provided the highest level of client service. Our debris monitoring clients included:

Broward County School District City of Belleair Beach City of Belleair Bluffs City of Coconut Creek City of Coral Springs City of Dania Beach City of Madeira Beach	City of North Port City of Port St. Lucie City of St. Pete Beach City of Winter Springs Coral Springs Improvement District Martin County New College of Florida	Sunshine Water Control District Town of Indian Shores Town of Palm Beach Town of Redington Shores Town of Sewalls Point Town of Windermere Village of Estero
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Our services were customized to each client's needs but typically included debris collection monitoring, client coordination, truck certification, DMS monitoring, hauler invoice reconciliation, and FEMA reimbursement assistance. HaulPass®, Rostan's Automated Debris Management system, was deployed for every one of our clients. Under Mr. Cousins' guidance, Rostan staff monitored the collection and disposal of over 1,000,000 cubic yards of storm-generated debris throughout the State of Florida.

CHARLESTON COUNTY, SC || FEMA DR-4241 || 2015-ONGOING

Public Assistance, Grants Funding, Debris Monitoring and Management

Consultant. Responsible for managing the Public Assistance (PA) program for Charleston County, South Carolina. Duties included managing the County's post-event debris removal project, including the utilization of HaulPass® to track the removal of more than 30,000 cubic yards of C&D, vegetative, and white goods debris. Additionally, I served as a member of Rostan's field assessment team tasked with assessing and quantifying flood-related damages to 222 unpaved roads and 33 drainage canals associated with the severe storms and flooding.

MARTIN COUNTY, FL || FEMA DR-4283 || 2016-2017

Debris Management and Public Assistance Support Services

Project Manager. Served in Martin County, FL, following Hurricane Matthew in October of 2016. Responsible for invoicing, FEMA reimbursement assistance, client coordination, debris removal monitoring, DMS monitoring, and the hiring, training, and deployment of more than 40 local staff. In addition, responsible for the successful deployment of the HaulPass® Automated Debris Management system. Over 70 days, 155,000 cubic yards of vegetative debris were removed, processed, and taken to the final disposal location.

CITY OF PORT ST. LUCIE, FL || FEMA DR-4283 || 2016-2017

Debris Management and Public Assistance Support Services

Project Manager. Served in The City of Port St Lucie, FL, following Hurricane Matthew in October of 2016. Responsible for FEMA reimbursement assistance, debris removal monitoring, DMS monitoring, and the hiring, training, and deployment of more than 50 local staff. In addition, responsible for the successful deployment of the HaulPass® Automated Debris Management system.

IBERIA PARISH, LA || FEMA DR-4277 || 2016

Debris Management and Public Assistance Support Services

Project Manager in Iberia Parish, LA, following the severe flooding in August of 2016. Responsible for FEMA reimbursement assistance, client coordination, debris removal monitoring, DMS monitoring, and the hiring, training, and deployment of field staff. In addition, responsible for the successful deployment of the HaulPass® Automated Debris Management system

YEARS OF EXPERIENCE**18****EDUCATION**University of Miami School of Law,
J.D., 2012University of North Carolina at
Wilmington, M.P.A., 2004University of North Carolina at
Wilmington, B.A., Psychology,
2002**LICENSES &
CERTIFICATIONS**

- Member – Florida Bar #0100223

Mr. Ferguson serves as a Senior Advisor to all of Rostan's Disaster Recovery Program, with a specific focus on Policy Analysis, Appeals, and Hazard Mitigation. He has served prominent roles in FEMA Disaster Declarations dating from Hurricane Katrina in 2005 through to the 2023 Hurricane Season. He oversees and provides direct support with benefit-cost analysis, programmatic appeals, and complex regulatory compliance issues.

PROFESSIONAL EXPERIENCE**ROSTAN SOLUTIONS || FLORIDA || 2018–PRESENT**

Senior Advisor, Disaster Recovery Programs || Policy/Legal

MONROE COUNTY, FL || FLORIDA || 2017–2018

Floodplain Manager

WITT O'BRIEN ASSOCIATES || WASHINGTON, DC || 2013–2017

Hazard Mitigation Advisor

FEDERAL EMERGENCY MANAGEMENT AGENCY || ATLANTA, GA || 2005–2009

Hazard Mitigation Program Specialist R IV

PROJECT AND PROGRAMS EXPERIENCE**STATE OF NEW JERSEY || 2022–PRESENT**

Lead Benefit-Cost Analysis Developer

Leads a highly specialized team of diverse professionals in providing state-level policy and technical support to local governments, utilities, and state agencies in identifying viable hazard mitigation projects and developing FEMA-compliant Benefit-Cost Analyses for FEMA's BRIC, HMGP, and FMA programs. This team also provides training to state and local officials and staff, as well as works with the State of New Jersey to rehabilitate and improve existing Benefit-Cost Analyses prepared by others.

LOUISIANA [MULTIPLE CLIENTS] || 2020–PRESENT

Senior Hazard Mitigation Advisor

Works with multiple Parishes, jurisdictions, and state agencies within Louisiana to secure FEMA HMA Program funding, specializing in Benefit-Cost Analysis, complex scope of work development, and problem. Provides as-needed programmatic, policy [appeals], and technical support regarding both 404 and 406 Mitigation projects. Coordinates the resolution of complex grant management issues, request for information responses, and scope/budget modifications.

FLORIDA [MULTIPLE CLIENTS] || 2017–PRESENT

Senior Hazard Mitigation Advisor

Following 2017 Hurricane Season, work with multiple applicants to FEMA's HMGP and 406 Mitigation programs to identify eligible activities, develop and document compliant applications, organize and construct Benefit-Cost Analyses, and coordinate with FEMA and State of Florida to secure federal funding. Provides as-needed programmatic and technical support regarding 406 Mitigation applicants on demonstrating cost-effectiveness and ensuring programmatic compliance.

STATE OF NEW JERSEY || 2013–2017

Senior Hazard Mitigation Advisor

Served as Senior Hazard Mitigation Advisor to the State of New Jersey's State Hazard Mitigation Office (SHMO) and staff for the HMGP following Superstorm/Hurricane Sandy. Responsible for training state staff, developing and conducting public briefings, providing quality control and oversight of contractor work product, and provide technical support for benefit-cost analysis and programmatic appeals.

YEARS OF EXPERIENCE

12

CERTIFICATIONS & TRAINING

- CQM-C 784: Construction Quality Management
- IS-100: Introduction to Incident Command System
- IS-200 ICS: for Single Resource and Initial Action Incidents
- IS-632: Introduction to Debris Operations
- IS-634: Introduction to FEMA's Public Assistance Program
- IS-700: National Incident Management System (NIMS)

RECOVERY EVENTS

2023
Hurricane Idalia
2022
Hurricane Ian
2021
Tornado, KY Hurricane Nicholas Hurricane Ida
2020
Hurricane Laura Hurricane Isaias Severe Storms, IA
2019
Hurricane Dorian
2018
Hurricane Michael Hurricane Florence
2017
Hurricane Maria Hurricane Irma
2016
Hurricane Matthew
2015
Flooding, SC Avian Flu Response, IA
2012
Hurricane Sandy

Mr. Bellavia has 12 years of experience specific to post-disaster recovery and federal funding programs. He was hired in 2012 following Hurricane Sandy to support debris removal monitoring operations for 12 clients in New Jersey. His Hurricane Sandy involvement lasted nearly two years and included ROW, private property, and waterborne debris removal. Since then, Mr. Bellavia has progressed to become one of Rostan's lead Senior Project Managers, managing several complex and important projects along the way. He has extensive experience in project management, logistics, planning and training, data collection and reporting, quality control, and staffing.

PROFESSIONAL EXPERIENCE

SUWANNEE VALLEY ELECTRIC COOPERATIVE || HURRICANE IDALIA FEMA DR-4734 || 2023-2024

Debris Monitoring Services

Data Manager. Following Hurricane Idalia, Mr. Bellavia served as a data manager for HaulPass® deployment in support of the SVEC's debris removal efforts in four counties in northern Florida. Rostan was contracted to provide ADMS services on behalf of Tidal Basin in their effort to monitor debris removal spanning 4,100 miles of electrical lines. HaulPass® has tracked more than 17,000 loads of vegetative debris totaling over 800,000 cubic yards on this project. In addition, HaulPass® has tracked the removal of over 70,000 hazardous trees and limbs.

CITY OF NORTH PORT, FL || HURRICANE IAN || FEMA DR-4673 || 2022-2023

Debris Monitoring Services

Project Manager. Following Hurricane Ian, Mr. Bellavia was responsible for the management and coordination of the debris project and the deployment of HaulPass® in the City of North Port, FL. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, serving as a primary interface with the debris contractors, certification of hauler equipment, and deployment of the HaulPass® Automated Debris Management System. Mr. Bellavia was also responsible for the coordination of all field operations and staff. To this day, HaulPass® has tracked the removal of over 20,000 hangers, 8,500 leaners and 2,700,000 cubic yards of debris.

LYON COUNTY, KY || TORNADO || FEMA DR-4630 || 2021-2022

Debris Monitoring and Public Assistance Support Services

As Project Manager following the tornadoes that went through Kentucky, Mr. Bellavia was responsible for overseeing all aspects of Rostan's debris monitoring services for Lyon County. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, contractor coordination, certification of hauler equipment, deployment of the HaulPass® Automated Debris Management System, and compiling documentation to support client reimbursement efforts.

BRAZORIA COUNTY, TX || HURRICANE NICHOLAS || 2021

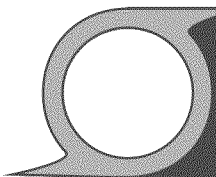
Debris Monitoring and Public Assistance Support Services

As Project Manager following Hurricane Nicholas, Mr. Bellavia was responsible for overseeing all aspects of Rostan's services for Brazoria County. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, contractor coordination, certification of hauler equipment, deployment of the HaulPass® Automated Debris Management System, and compiling documentation to support client reimbursement efforts. Over the course of 31 days 83,000 cubic yards of disaster-generated debris was collected and taken to final disposal.

MULTIPLE MUNICIPALITIES, LA || HURRICANE IDA || FEMA DR-4611 || 2021

Debris Monitoring and Public Assistance Support Services

Project Manager. Served during Rostan's debris removal operations in City of Gretna, City of Slidell, New Orleans City Park, and Town of Pearl River in the State of Louisiana. Mr. Bellavia was responsible



for supporting project efforts by hiring, training, and deploying a local team of debris removal monitors, certification of hauler equipment, deployment of the HaulPass® Automated Debris Management System, and organizing and compiling documentation to support client reimbursement efforts.

CAMERON PARISH, LA || HURRICANE LAURA || FEMA DR-4559 || 2020– 2021**Debris Monitoring and Public Assistance Support Services**

As Data Manager following Hurricane Laura, Mr. Bellavia was responsible for strict quality control of collected data and the gathering and dissemination of project data in a cohesive and concise daily operational report for the client and weekly reports for Louisiana Department of Environmental Quality (LDEQ).

MULTIPLE MUNICIPALITIES, IOWA || SEVERE STORMS, IA (DERECHO) || FEMA DR-4557 || 2020**Debris Monitoring and Public Assistance Support Services**

FEMA Specialist. Served during Rostan's debris removal operations in City of Tama, City of Toledo, City of Gladbrook City of State Center, and Tama County Conservation Board in the State of Iowa. Mr. Bellavia was responsible for supporting project efforts by implementing quality control measures ensuring project data accuracy and organizing and compiling documentation to support client reimbursement efforts.

TOWN OF CAROLINA BEACH, NC || HURRICANE ISAIAS || FEMA DR-4568 || 2020**Debris Monitoring and Public Assistance Support Services**

As Project Manager following Hurricane Isaias, Mr. Bellavia was responsible for overseeing most aspects of Rostan's services for the Town of Carolina Beach. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, contractor coordination, certification of hauler equipment, and deployment of the HaulPass® Automated Debris Management System. Over the course of 47 days over 30,000 cubic yards of disaster-generated debris was collected and taken to final disposal

CHARLESTON COUNTY, SC || HURRICANE DORIAN || FEMA DR-4464 || 2019–2020**Debris Monitoring and Public Assistance Support Services**

Mr. Bellavia was responsible for overseeing Rostan's debris monitoring services for Charleston County. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, contractor coordination, certification of hauler equipment, and deployment of the HaulPass® Automated Debris Management System. Over 100 local monitors were hired and trained, more than 655,000 cubic yards of debris was collected and processed, and more than 5,200 hazardous trees and limbs were removed.

LIBERTY COUNTY, FL || HURRICANE MICHAEL || FEMA DR-4399 || 2018–2019**Debris Monitoring and Public Assistance Support Services**

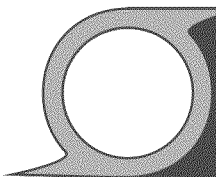
As Project Manager Mr. Bellavia was responsible for overseeing most aspects of Rostan's services for Liberty County. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, contractor coordination, certification of hauler equipment, and deployment of the HaulPass® Automated Debris Management System. Nearly 100 local monitors were hired and trained, more than 522,000 cubic yards of debris was collected and processed, and more than 34,650 hazardous trees, stumps and limbs were removed.

TOWN OF CAROLINA BEACH, NC || HURRICANE FLORENCE || FEMA DR-4393 || 2018**Debris Monitoring and Public Assistance Support Services**

As Project Manager following Hurricane Florence, Mr. Bellavia was part of the initial deployment responsible for overseeing all aspects of Rostan's services for the Town of Carolina Beach. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, serving as a primary interface with the contractor's management team, certification of hauler equipment, and deployment of the HaulPass® Automated Debris Management System. Over the course of 41 days, 400 tons and 30,000 cubic yards of disaster-generated debris was collected and taken to final disposal.

COMMONWEALTH OF PUERTO RICO || HURRICANE MARIA || FEMA DR-4339 || 2017–2019**USACE Jacksonville District – Automated Debris Management System**

Served as a technical project lead for HaulPass® deployment in support of Xpert's Inc./USACE debris removal efforts in the Commonwealth of Puerto Rico following Hurricane Maria. HaulPass® tracked more than 250,000 loads of debris totaling more than 5.9 million cubic yards from six regions and 58 municipalities. In addition, nearly 1,700 hauling trucks were certified, and more than 60 disposal sites were utilized



during the project. Over 250 QC Monitors were trained to use HaulPass®. All project data was reconciled nightly, and an operations report was issued to USACE daily.

CITY OF NORTH PORT, FL || FEMA DR-4337 || 2017–2018**Debris Monitoring and Public Assistance Support Services**

As Project Manager, Mr. Bellavia was responsible for overseeing all aspects of Rostan's services for the City of North Port. This included hiring, training, and deploying a team of more than 19 debris and DMS monitors, providing daily client updates, serving as a primary interface with the contractor's management team, certification of hauler equipment, and deployment of the HaulPass® Automated Debris Management System. Over the course of 77 days, over 47,000 cubic yards of disaster-generated debris was collected and taken to final disposal. 675 hazardous limbs and 6 damaged or uprooted trees were also removed.

CHARLESTON COUNTY, SC || HURRICANE MATTHEW || FEMA DR-4286 || 2016–2017**Debris Monitoring and Public Assistance Support Services**

As FEMA Specialist, following Hurricane Matthew in October 2016, Mr. Bellavia was responsible for FEMA reimbursement assistance and responsible for the successful deployment of the HaulPass® system. Over the course of 114 days, 18,434 hangers, 410 leaners and 415,000 cubic yards of vegetative debris was removed, processed, and taken to final disposal.

BERKELEY COUNTY, SC || HURRICANE MATTHEW || FEMA DR-4286 || 2016**Debris Monitoring and Public Assistance Support Services**

Project Manager following Hurricane Matthew in October 2016. Responsible for FEMA reimbursement assistance, client coordination, debris removal monitoring, DMS monitoring, invoicing, and hiring, training, and deployment of more than 30 local staff. Additionally, responsible for the successful deployment of the HaulPass® system. Over the course of 61 days, 1,800 hangers, 90 leaners and 60,000 cubic yards of vegetative debris was removed, processed, and taken to final disposal.

CHARLESTON COUNTY, SC || FLOODING || FEMA DR-4241 || 2015–ONGOING**Public Assistance, Grants Funding, Debris Monitoring and Management**

Operations Manager. Managed the County's post-event debris removal field operations, including the utilization of HaulPass® to track debris removal. Responsible for daily operations and coordination efforts to co-develop reimbursement strategies with the client. Additional responsibilities include reconciliation of multiple departments' force account expenditures for PA emergency work categories A and B, conducting FEMA site visits and development of scope of services and cost estimates for PA categories C and D PWs, as well as developing long-term projects and strategies for Mitigation improvements.

IOWA (STATEWIDE) || AVIAN FLU RESPONSE || USDA 2124 DISASTER || 2015**Data Management and Administration**

Served as a site administrator and Area Supervisor responsible for the collection and tracking of project related costs associated with labor hours, equipment usage, and material consumption. Data was collected in the field through manual verification and input into a custom web interface. Served at various facilities throughout the project including two of the largest facilities employing over 400 temporary personnel each.

TOWNSHIP OF BRICK, NJ || HURRICANE SANDY || FEMA DR-4086 || 2012–2014**Public Assistance, Grants Funding, Debris Monitoring and Management**

Operations Manager. Responsible for tracking all aspects of debris removal and disposal monitoring following Hurricane Sandy including Right-of-Way (ROW) debris removal, private property debris removal and demolition efforts. Duties included supervision and training of field staff, scheduling, permit approval and verification, Right-of-Entry (ROE) development, compliance with public and federal notification procedures and management of HaulPass® data collection and technical support.

**NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION || HURRICANE SANDY || FEMA DR-4086
2012–2014****Debris Monitoring and Public Assistance Support Services**

Field Supervisor. Responsible for debris monitoring operations for 9 New Jersey municipalities plus NJDEP following Hurricane Sandy. Duties included supervision and training of field staff and management of HaulPass® hardware and technical support. NJDEP project was specific to waterborne debris removal in the central coastal region of New Jersey to include Barnegat Bay.

YEARS OF EXPERIENCE

6

EDUCATION

BA, Business Administration,
Covenant College, 2018

**CERTIFICATIONS
& TRAINING**

- IS-100.c: Introduction to Incident Command System
- IS-200.c: Basic Incident Command System for Initial Response
- IS-700.b: Introduction to National Incident Management System (NIMS)

RECOVERY EVENTS**2023**

Hurricane Idalia

2022

Hurricane Ian

2021

Tornado, KY

Hurricane Ida

2020

Hurricane Zeta

Severe Storms, IA

2019

Flooding, LA

Hurricane Dorian

2018

Hurricane Michael

Hurricane Florence

2017

Hurricane Maria

Mr. Cerrato joined Rostan in 2018 upon graduating from Covenant College with a degree in Business Administration. He has 6 project-filled years of post-disaster experience, including both debris removal monitoring operations and public assistance support. He is well-versed in logistics and operations coordination, staffing and training, debris monitoring management and HaulPass® Automated Debris Management System (ADMS) support, reimbursement support, and project planning and formulation.

RECENT PROFESSIONAL EXPERIENCE**SUWANNEE VALLEY ELECTRIC COOPERATIVE || HURRICANE IDALIA
FEMA DR-4734 || 2023-PRESENT****Debris Monitoring Services**

Data Manager/Technical Support Following Hurricane Idalia, Mr. Cerrato served as technical support and a data manager for HaulPass® deployment in support of the SVEC's debris removal efforts in four counties in northern Florida. Rostan was contracted to provide ADMS services on behalf of Tidal Basin in their effort to monitor debris removal spanning 4,100 miles of electrical lines. To this day, HaulPass® has tracked more than 16,000 loads of vegetative debris totaling more than 760,000 cubic yards on this project. In addition, HaulPass® has tracked the removal of over 70,000 hazardous trees and limbs.

CITY OF SARASOTA, FL || HURRICANE IAN || FEMA DR-4673 || 2022-2023**Debris Monitoring Services**

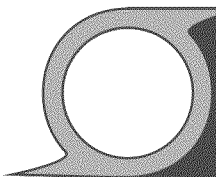
Project Manager. Following Hurricane Ian, Mr. Cerrato was responsible for the management and coordination of the debris project and the deployment of HaulPass® in the City of Sarasota, FL. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, serving as a primary interface with the debris contractors, certification of hauler equipment, and deployment of the HaulPass® ADMS. Mr. Cerrato was also responsible for the coordination of all field operations and staff. To this day, HaulPass® has tracked the removal of over 110,000 cubic yards of vegetative debris from the public right-of-way. In addition, nearly 4,000 cubic yards of construction and demolition debris was removed from the Right-of-Way. HaulPass® was also able to track the removal of over 4,000 hazardous trees and limbs.

CITY OF ST. PETE BEACH, FL || HURRICANE IAN || FEMA DR-4673 || 2022**Debris Monitoring Services**

Project Manager. Following Hurricane Ian, Mr. Cerrato was responsible for the management and coordination of the debris project and the deployment of HaulPass® throughout the City of St. Pete Beach. This included hiring, training, and deploying a local team of debris removal monitors as well as providing daily client updates, serving as a primary interface with the debris contractors, certification of hauler equipment, and deployment of the HaulPass® ADMS. In total, nearly 4,000 cubic yards of vegetative debris was removed from the public Right-of-Way.

CITY OF PINELLAS PARK, FL || HURRICANE IAN || FEMA DR-4673 || 2022**Debris Monitoring Services and Public Assistance Support Services**

Project Manager. Following Hurricane Ian, Mr. Cerrato was responsible for the management and coordination of the debris project and the deployment of HaulPass® in City of Pinellas Park. This included deploying a local team of debris removal monitors, providing daily client updates, serving as a primary interface with the debris contractors, certification of hauler equipment, and deployment of the HaulPass®. Over the duration of the project, over 5,000 cubic yards of vegetative debris was hauled to a final disposal landfill.

**LYON COUNTY, KY || SEVERE STORMS/TORNADOES || FEMA DR-4630 || 2021-2022****Debris Monitoring Services**

Project Manager. Following the devastating tornadoes that went through Kentucky, Mr. Cerrato was responsible for the management and coordination of the debris project and the deployment of HaulPass® in Lyon County. He was also responsible for hiring the necessary staff and closely working with the debris contractor to allow for an efficiently and smoothly run project.

TOWN OF PEARL RIVER, LA || HURRICANE IDA || FEMA DR-4611 || 2021**Debris Monitoring Services**

Project Manager. Following Hurricane Ida, Mr. Cerrato was responsible for the management and coordination of the debris project and the deployment of HaulPass® in the Town of Pearl River. Duties included hiring an appropriate number of staff, working closely with the debris contractor, and managing the overall project. Over the duration of the project, HaulPass® tracked the removal over 4,000 cubic yards of vegetative and construction and demolition debris in total.

CITY OF SLIDELL, LA || HURRICANE IDA || FEMA DR-4611 || 2021**Debris Monitoring Services**

Project Manager. Following Hurricane Ida, Mr. Cerrato was responsible for the management and coordination of the debris project and the deployment of HaulPass® in the City of Slidell. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, serving as a primary interface with the debris contractors, certification of hauler equipment, and deployment of the HaulPass® ADMS. Over the duration of the project, over 550 hazardous trees/limbs were removed from the public Right-of-Way. In addition, HaulPass® tracked the removal of nearly 110,000 cubic yards of vegetative debris and nearly 20,000 cubic yards of construction and demolition debris from the public Right-of-Way.

NEW ORLEANS CITY PARK, LA || HURRICANE ZETA || FEMA DR-4577 || 2020**Debris Monitoring Services**

Project Manager. Following Hurricane Zeta, Mr. Cerrato was responsible for the management and coordination of the debris project and the deployment of HaulPass® in New Orleans City Park. This included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, serving as a primary interface with the debris contractors, certification of hauler equipment, and deployment of the HaulPass® ADMS. Over the duration of the project, over 500 hazardous trees/limbs were removed from the public Right-of-Way. In addition, HaulPass® tracked the removal over 11,000 cubic yards of vegetative debris.

MULTIPLE MUNICIPALITIES, IOWA || SEVERE STORMS, IA (DERECHO) || FEMA DR-4557 || 2020**Debris Monitoring and Public Assistance Support Services**

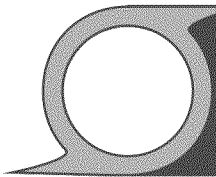
Operations Manager. Following a severe windstorm known as a derecho in central Iowa, Mr. Cerrato was responsible for the management and coordination of all field operations and the deployment of HaulPass® throughout 5 different areas of Iowa. These areas included the cities of Tama, Toledo, Gladbrook, and State Center, in addition to the Tama County Conservation Center. Mr. Cerrato's responsibilities included hiring, training, and deploying a local team of debris removal monitors, providing daily client updates, serving as a primary interface with the debris contractors, certification of hauler equipment, and deployment of the HaulPass® Automated Debris Management System. HaulPass® was able to track the removal of over 3,600 hazardous trees/limbs and close to 150,000 yards of vegetative debris throughout the 5 areas of central Iowa.

WEST FELICIANA PARISH, LA || LOUISIANA FLOODING || FEMA DR-4462 || 2019-2020**Debris Monitoring and Public Assistance Support Services**

Operations Manager. Following the flooding of the Mississippi River in 2019-2020, Mr. Cerrato was responsible for the management and coordination of all field operations and the deployment of HaulPass® in West Feliciana Parish. This included hiring, training, and managing local staff as well as coordinating with the debris contractors. In total, HaulPass® tracked the removal over 120,000 yards of flooding deposits/debris from the public right of way due to the flooding.

CHARLESTON COUNTY, SC || HURRICANE DORIAN || FEMA DR-4464 || 2019**Debris Monitoring and Public Assistance Support Services**

Operations Manager. Following Hurricane Dorian, responsible for the management and coordination of regional field operations and the deployment of HaulPass® in Charleston County. Managed more than 60 locally hired staff in a coordinated effort to provide a quick and



efficient clean-up of the County Rights-of-Way. Assisted in the hiring of local staff and trained new employees on HaulPass®. Played an integral role in the certification process and was on site to assist in any field issues. This project totaled over 600,000 cubic yards of debris removed from public Rights-of-Way, and removal of over 5,000 hazardous trees and limbs.

LIBERTY COUNTY, FL || HURRICANE MICHAEL || FEMA DR-4399 || 2018-2019**Debris Monitoring and Public Assistance Support Services**

Operations Manager. Following Hurricane Michael, Mr. Cerrato helped manage field operations and the deployment of HaulPass® in Liberty County. Responsible for managing and coordinating personnel scheduling. Provided HaulPass® technical support and assistance to field personnel as well as having been an integral part of certification team coordination. Nearly 100 local monitors were hired and trained, more than 522,000 cubic yards of debris was collected and processed, and more than 34,650 hazardous trees, stumps and limbs were removed.

CHARLESTON COUNTY, SC || HURRICANE MATTHEW || FEMA DR-4286 || 2017-PRESENT**Public Assistance Support Services**

Consultant. Mr. Cerrato assists in the long-term recovery of funding for the Charleston County resulting from 2015 severe floods and Hurricane Matthew in 2016. Responsibilities include reconciliation of County departments' force account expenditures for Public Assistance (PA) emergency work categories A and B.

**PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTOP) || HURRICANE MARIA
FEMA DR-4339 || 2018****Debris Monitoring and Technical Services**

Technical Analyst. Served as a technical analyst for HaulPass® deployment in support of the DTOP's Phase II debris removal efforts in Puerto Rico following Hurricane Maria. Assisted in the certification of equipment and vehicles used in the cleanup efforts. HaulPass® tracked more than 12,000 loads of landslide debris totaling more than 200,000 cubic meters on this project.

XPERT'S INC./US ARMY CORPS OF ENGINEERS (USACE) || HURRICANE MARIA || FEMA DR-4339 || 2017-2019**Automated Debris Management System**

Technical Analyst. Served as a technical analyst for HaulPass® deployment in support of Xpert's Inc. debris removal efforts in Puerto Rico following Hurricane Maria. HaulPass® tracked more than 250,000 loads of debris totaling more than 5.9 million cubic yards from six regions and 58 municipalities. In addition, nearly 1,700 hauling trucks were certified, and more than 60 disposal sites were utilized during the project. Over 250 QC Monitors were trained to use HaulPass®.

YEARS OF EXPERIENCE

12

EDUCATION

BFA, The Cooper Union for the Advancement of Science & Art, 1995

CERTIFICATIONS & TRAINING

- IS-100.c: Introduction to Incident Command System
- IS-0632.a: Introduction to Debris Operations

SOFTWARE PROFICIENCIES

- HaulPass®
- Adobe Creative Suite
- Microsoft Office Suite

RECOVERY EVENTS

2023

Hurricane Idalia

2022

Hurricane Ian

2021

Tornado, KY Hurricane Ida
Hurricane Nicholas

2020

Hurricane Zeta Severe Storms, IA
Hurricane Delta Hurricane Isaias
Hurricane Laura

2019

Flooding, LA Hurricane Dorian
Tornado, TX

2018

Hurricane Michael Hurricane Florence

2017

Hurricane Maria Hurricane Irma

2016

Hurricane Matthew

2015

Flooding, SC Ice Storm, TN

2012

Hurricane Sandy

Ms. Jankauskas has 12 years of post-disaster experience, joining the Rostan team after the devastation sustained by Hurricane Sandy throughout New York and New Jersey. Prior to Rostan, she was a senior graphic designer at large publishing companies in New York City. She specializes in project data management and quality control, GIS, reporting, and leads Rostan's marketing production efforts. Ms. Jankauskas combines her strict attention to detail, design credentials, data management expertise to administer Rostan's data QC program and deliver integrity-driven deliverables with quality production value.

RECENT PROFESSIONAL EXPERIENCE

SUWANNEE VALLEY ELECTRIC COOPERATIVE || FEMA DR-4734 || 2023-PRESENT Automated Debris Management System

Data Manager. Serving as ADMS data support on behalf of Tidal Basin's support of SVEC's debris removal efforts in four counties in northern Florida. Kicked-off ADMS reporting practices and project information databases. Performing and ensuring strict data quality control as well as responsible for implementing any necessary data updates within the HaulPass® software system.

MULTIPLE MUNICIPALITIES, FL || FEMA DR-4673 || 2022-2023 Debris Management and Public Assistance Support Services

Data Manager. Serving the City of North Port, City of Pinellas Park, City of Sarasota, City of St. Pete Beach, Town of Windermere, and Village of Estero in Florida following Hurricane Ian. Responsible for gathering and dissemination of operational data and visual documentation of multiple debris streams/disposal sites into a cohesive and concise daily operational report for the client including strict data quality control. Additionally responsible for proposal development for Estero, North Port, Pinellas Park, St. Pete Beach, and Windermere.

LYON COUNTY, KY || FEMA DR-4630 || 2021-2022 Debris Management and Public Assistance Support Services

Data Manager. Served following the December tornadoes. Responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client including strict data quality control.

BRAZORIA COUNTY, TX || HURRICANE NICHOLAS || 2021 Debris Management Services

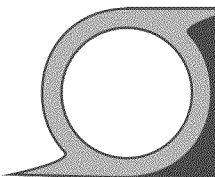
Data Manager. In addition to proposal development, responsible for data quality control oversight.

MULTIPLE MUNICIPALITIES, LA || FEMA DR-4611 || 2021 Debris Management and Public Assistance Support Services

Data Manager. Served the City of Gretna, City of Slidell, New Orleans City Park, and the Town of Pearl River in Louisiana following Hurricane Ida. Responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client including strict data quality control. Additionally responsible for proposal development for City of Slidell and New Orleans City Park.

CAMERON PARISH, LA || FEMA DR-4459 || 2020-2023 Debris Management and Public Assistance Support Services

Data Manager. Serving during debris removal operations following Hurricane Laura. In addition to proposal development, responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client including strict data quality control. The project monitored and documented over 1.4 million cubic yards of debris collected across 8 debris streams.

**CITY PARK NEW ORLEANS, LA || FEMA DR-4570 || 2020****Debris Management and Public Assistance Support Services**

Data Manager. Responsible for data quality control oversight for debris removal monitoring efforts following Hurricane Zeta.

MULTIPLE MUNICIPALITIES, IA || FEMA DR-4557 || 2020**Debris Management and Public Assistance Support Services**

Data Manager. Following the 2020 Severe Storm "derecho" event, responsible for data quality control oversight of debris removal monitoring efforts for the City of Gladbrook, City of State Center, City of Tama, City of Toledo, and Tama County Conservation Board, Iowa.

WEST FELICIANA PARISH, LA || FEMA DR-4462 || 2020**Debris Management and Public Assistance Support Services**

Data Manager. Served during debris removal monitoring operations following the 2019 Flooding event. In addition to proposal development, responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client as well as strict data quality control.

CHARLESTON COUNTY, SC || FEMA DR-4464 || 2019-2020**Debris Management and Public Assistance Support Services**

Data Manager. Served during debris removal operations following Hurricane Dorian. In addition to proposal development, responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client as well as strict data quality control. Additionally, responsible for DMS closeout report compilation. The project monitored and documented over 615,000 cubic yards and nearly 40,000 tons of debris.

CITY OF RICHARDSON, TX || TORNADO || 2019**Debris Management Services**

Data Manager. In addition to proposal development, responsible for data quality control oversight.

LIBERTY COUNTY, FL || FEMA DR-4399 || 2018-2019**Debris Management and Public Assistance Support Services**

Data Manager. Served during debris removal operations following Hurricane Michael. Responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client and strict data quality control. The project monitored and documented over 525,000 cubic yards of debris and nearly 35,000 leaning trees and hazardous limbs.

CITY OF LUMBERTON, NC || FEMA DR-4393 || 2018-2019**Debris Management and Public Assistance Support Services**

Data Manager. Served during debris removal operations following Hurricane Florence. In addition to proposal development, responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client and data quality control. Additionally, supported waterway debris removal monitoring reporting and GIS mapping efforts.

TOWN OF CAROLINA BEACH, NC || FEMA DR-4393 • FEMA DR-4568 || 2018 • 2020**Debris Management and Public Assistance Support Services**

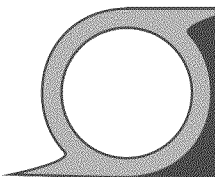
Data Manager. Served during debris removal operations following Hurricanes Florence and Isaias. In addition to proposal development, responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client, data quality control, maintenance and organization of all digital files.

PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS (DTOP) || FEMA DR-4339 || 2018**Debris Management Data Services**

Data Manager. Served for DTOP debris removal following Hurricane Maria. Responsible for dissemination of operational data and visual documentation into cohesive and concise nightly operational reports for the client while maintaining strict data quality control.

USACE-JACKSONVILLE DISTRICT/XPERT'S INC. || PUERTO RICO || FEMA DR-4339 || 2017-2018**Debris Management Data Services**

Data Manager. Served USACE/Xpert's, Inc. for the Commonwealth of Puerto Rico debris clean-up following Hurricane Maria. Responsible for dissemination of operational data and visual documentation into cohesive and concise daily and weekly operational reports for the client while maintaining strict data quality control. Reporting breakdowns included over 5.9 million cubic yards of 11 debris streams across 57 participating municipalities, 6 debris zones, and over 90 state agencies

**VARIOUS CLIENTS, FL || FEMA DR-4337 || 2017****Debris Management and Public Assistance Support Services**

Data Manager. Served for Florida debris clean-up following Hurricane Irma. In addition to proposal development for standby clients, responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client, data quality control, as well as documentation and preparation of project closeout reports. Clients included:

City of Belleair Beach City of Belleair Bluffs City of Coconut Creek City of Coral Springs City of Dania Beach City of Madeira Beach	City of North Port City of Port St. Lucie City of St. Pete Beach City of Winter Springs Coral Springs Improvement District Martin County	New College of Florida Town of Indian Shores Town of Palm Beach Town of Redington Shores Town of Windermere
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CHARLESTON COUNTY, SC || FEMA DR-4286 • FEMA DR-4346 || 2016–2018**Debris Management and Public Assistance Support Services**

Data Manager. Served the County during post-Hurricane Matthew and post-Hurricane Irma debris-removal efforts. In addition to proposal development, responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client, data quality control, and maintenance and organization of all digital files.

MARTIN COUNTY, FL || FEMA DR-4283 • FEMA DR-4337 || 2016–2017**Debris Management and Public Assistance Support Services**

Data Manager. Served for Martin County, Florida debris clean-up following Hurricane Matthew and Hurricane Irma. In addition to proposal development, responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client, data quality control, maintenance and organization of all digital files, as well as documentation and preparation of project closeout reports.

CHARLESTON COUNTY, SC || FEMA DR-4241 || 2015–2020**Public Assistance, Grants Funding, Debris Monitoring and Management**

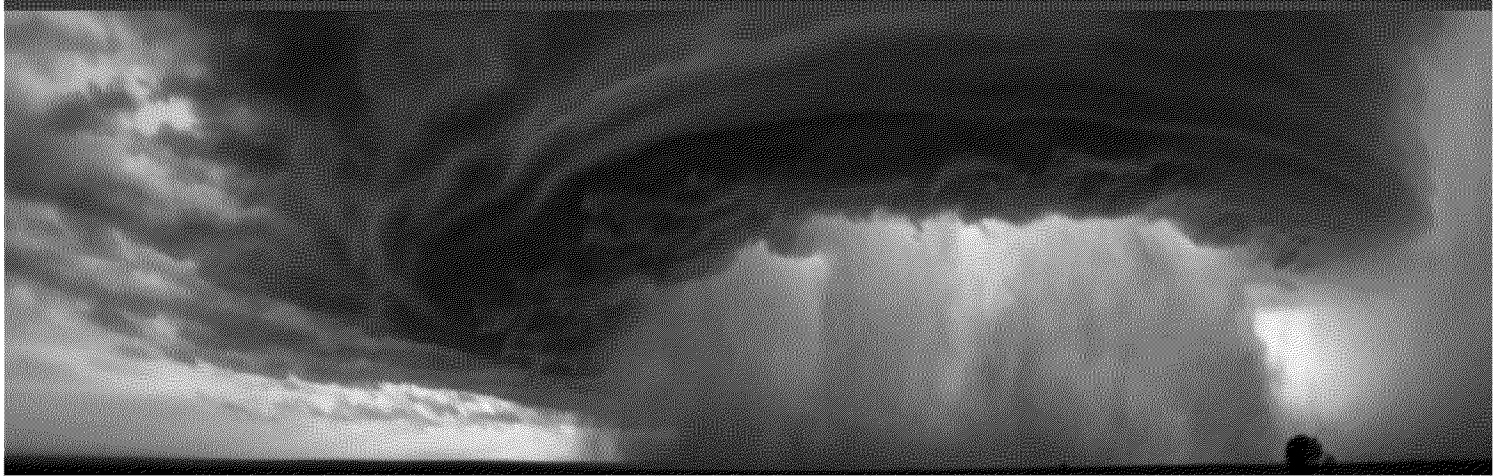
Data Manager. Responsible for gathering and dissemination of operational data and visual documentation into a cohesive and concise daily operational report for the client, data quality control, and maintenance and organization of all digital files following the flooding which occurred in October 2015. Additionally, responsible for proposal development, invoicing, organization and implementation of Flood Insurance Rate Maps, photo documentation, drainage mapping, as well as development of client progress reports and presentations.

ADDITIONAL RELATED EXPERIENCE

- 2016 DATA MANAGER || BERKELEY COUNTY, SC || FEMA DR-4286**
Debris Management and Public Assistance Support Services
- 2016 DATA MANAGER || THE CITY OF GARDEN CITY, GA || FEMA DR-4284**
Debris Management and Public Assistance Support Services
- 2015–2016 DATA MANAGER || CUMBERLAND COUNTY, TN || FEMA DR-4211**
Debris Management and Public Assistance Support Services
- 2015 PROJECT MANAGER || WHITE COUNTY, TN || FEMA DR-4211**
Debris Management and Public Assistance Support Services
- 2013–2014 OPERATIONS MANAGER || BOROUGH OF KEANSBURG, NJ || FEMA DR-4086**
HaulPass® Data Collection For Residential Demolition Project
- 2012–2014 DATA ANALYST || TOWNSHIP OF BRICK, NJ || FEMA DR-4086**
Public Assistance, Grants Funding, Debris Monitoring and Management
- 2012 – 2014 DATA ANALYST || NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION || FEMA DR-4086**
Debris Management and Public Assistance Support Services
- 2012–2013 FIELD SUPERVISOR || USACE–NEW YORK DISTRICT || FEMA DR-4085**
Debris Management Services



DISASTER DEBRIS MONITORING & MANAGEMENT SERVICES



Request for Proposals | March 7, 2024



Photo Courtesy: NOAA

DISASTER DEBRIS MONITORING & MANAGEMENT SERVICES FOR THE CITY OF ST. PETE BEACH, FL

TAB 4 — PROJECT APPROACH

- 4.1 Overview
- 4.2 Understanding the Project
- 4.3 Capacity and Resources
- 4.4 Debris Monitoring Operations and Management
- 4.5 FEMA Regulations and Procedures
- 4.6 Automated Debris Management System [ADMS]

SUBMITTED BY

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4.1 OVERVIEW

Over the past 20 years Rostan has developed a tried-and-true method for managing and implementing debris monitoring projects. Our work plan is founded on a thorough understanding of the required services and incorporates substantial experience and cutting-edge digital platforms to deliver a responsive and comprehensive effort in support of project goals.

Rostan's approach to debris monitoring projects is grounded by five key principles. Focusing on these principles ensures a safe, cost effective, and efficient recovery project. These principles are identified below:

1	SAFETY	Safety is paramount and tops the list of Rostan's project management principles. Focusing on the public's safety and wellbeing first ensures that the primary project goal is always in focus. This extends to the recovery effort itself requiring project employees to place personal safety at the forefront.
2	LISTEN	Listening requires empathy and a desire to understand each client's unique situation and project goals. Active communication guards against misinterpretation and makes certain all project stakeholders are working toward the same objectives.
3	REINVEST	One of the key goals of any disaster recovery project is to ensure the economic survivability of the community. Rostan uses locally hired residents, resources, and businesses to support our project efforts. This approach guarantees considerable portions of project revenue are reinvested back into the community either directly or through subcontractor participation.
4	RESPONSIVE	An efficient, focused response is critical when communities are dependent on your efforts to recover from devastating disasters. Confidence in the reliability of project partners provides a sense of ease knowing resources will be available during a time of need.
5	FUNDING	Post-disaster grant funding when available is a critical pursuit. Federal funding programs can be onerous and managing the administrative burden time consuming. Our work product is developed to meet the requirements of the applicable funding agencies that administer available post-disaster grants to ensure reimbursement funding opportunities are maximized.

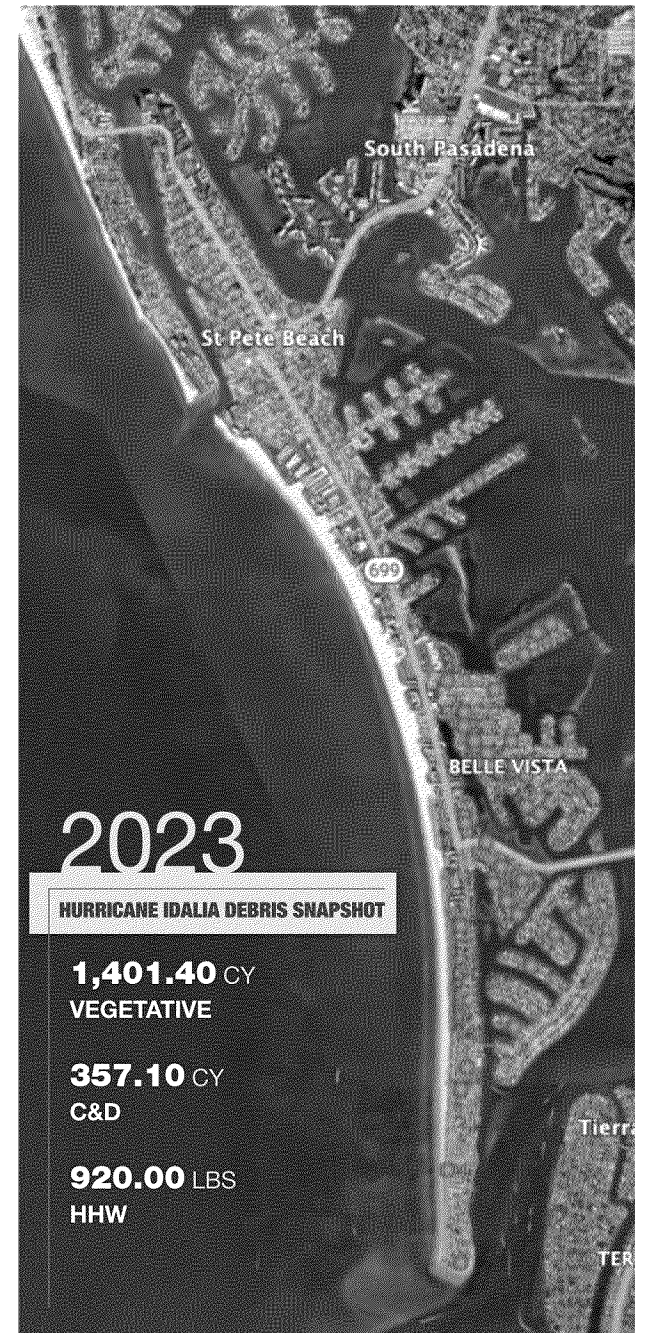
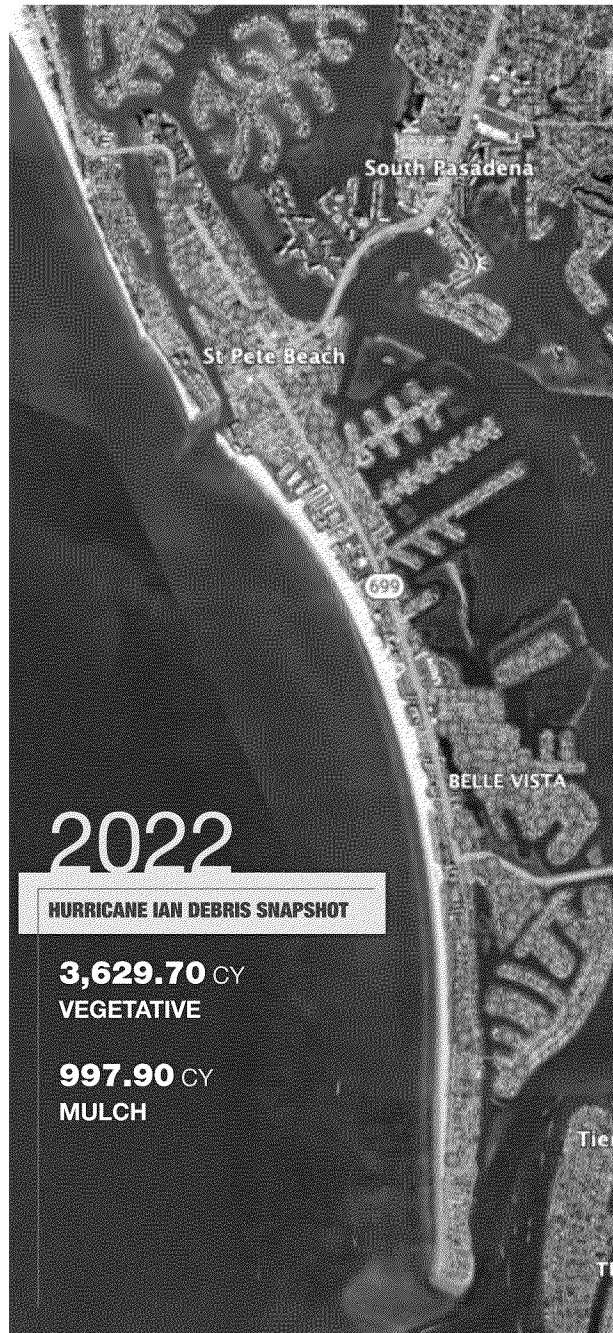
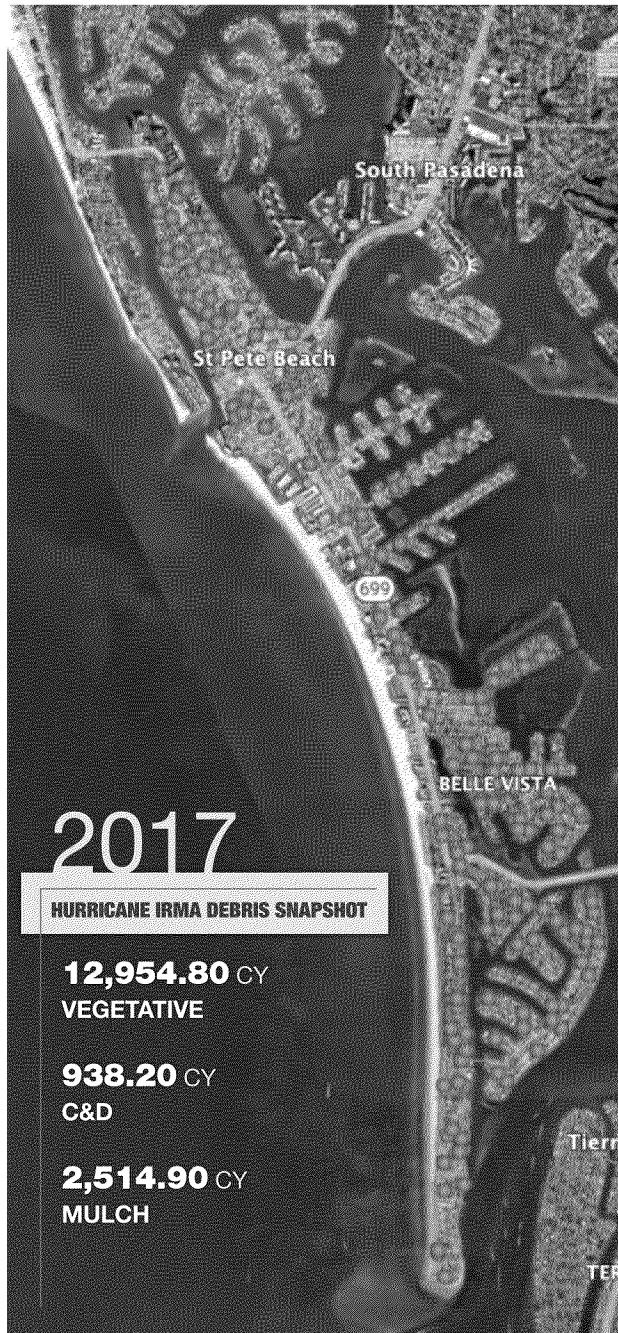
4.2 UNDERSTANDING THE PROJECT

UNDERSTANDING THE CLIENT

The City of St. Pete Beach occupies the entire space of Long Key, a barrier island protecting mainland Pinellas County from the Gulf of Mexico. Three bridges lead into the City, connecting it to Treasure Island, South Pasadena, and the Bayway Isles area of St. Petersburg. This geographic isolation can pose significant challenges following a disaster event, isolating the City from readily accessible support from first responders, utility providers, and other recovery and response support.

In addition, low elevations throughout the City pose a challenge when it comes to stormwater management — frequent street flooding along side streets as well as along sections of Gulf Boulevard can hinder evacuation and recovery efforts. The same challenges would be exacerbated during storm surge events.

Rostan is intimately familiar with the geography and neighborhoods within the City, as well as the numerous commercial establishments that exist in support of the tourism industry. We are also familiar with the City's government and the employees that are responsible for ensuring a successful recovery effort. In 2017, 2022, and 2023 we had the distinct pleasure of providing recovery services to the City in response to Hurricanes Irma, Ian, and Idalia. We believe the services provided to the City have been indicative of the quality the City can continue to expect from Rostan and are excited about the prospect of continuing our working relationship with the City.



UNDERSTANDING THE REQUEST FOR PROPOSALS (RFP)

Rostan understands that the purpose of the City's RFP is to secure services necessary to augment the City's recovery efforts should a disaster occur. Based on the RFP and the provided scope of services we anticipate the scope of work to include, but not be limited to the following components:

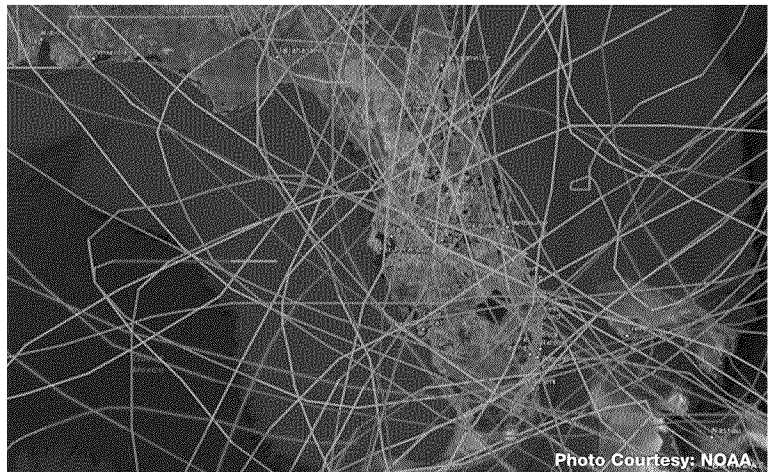
Seasonal Planning and Training
Project/Operations Management
Community Relations Support Services
Debris Evaluations/Assessments
Permitting Support for DMS locations
Coordination with the Debris Removal Contractor and City Representatives
Debris Removal Vehicle Certification
Right-of-Way Debris Collection Monitoring
Debris Management Site and Disposal Site Monitoring
Private Property and Demolition Program Management and Monitoring
Providing an Automated Debris Management System
Data Compilation, Processing, and Document Management
Operational Progress and Project Reporting
Administrative Support Services
Contractor Payment Monitoring and Reconciliation
Compliance and Coordination with State and Federal Agencies

It is anticipated that Rostan employees will perform their dedicated functions on behalf of and at the direction of the City. Tasks will be delineated through task orders and required work will be performed within negotiated not to exceed budgets.

PROBABLE DEBRIS QUANTITIES

The following estimate was developed using the USACE model for probable debris generation following a hurricane event. The formula for determining the amount of debris is as follows: $Q=H(C)(V)(B)$ where Q represents the quantity of debris generated, H represents the average number of persons per household, (C) is a standard that represents storm category in cubic yards generated per household, (V) represents the vegetative characteristic multiplier, (B) represents the commercial/business/industrial use multiplier, and (S) represents the storm precipitation character. The model provides a baseline that is modified following the storm through visual inspection and sampling.

Based on the most recently available census and geographic data and estimates, it assumed there is an average of 1.95 persons per household, the vegetation factor is 1.3 (medium), commercial density is 1.3 (heavy), and the precipitation factor is 1.3 (medium to heavy). The results of the model are included in the table below.



ST. PETE BEACH, FL USACE DEBRIS ESTIMATION MODEL					
	STORM CATEGORIES				
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5
Wind Speeds	74-95 MPH	96-110 MPH	111-130 MPH	131-155 MPH	155+ MPH
ESTIMATED DEBRIS QUANTITIES					
Population (H)	8,800	4,513	4,513	4,513	4,513
Category Factor (C)	2	8	26	50	80
Vegetation (V)	1.3	1.3	1.3	1.3	1.3
Commercial Density (B)	1.3	1.3	1.3	1.3	1.3
Precipitation (S)	1.3	1.3	1.3	1.3	1.3
Q= H(C)(V)(B)(S)	19,829	79,317	257,781	495,733	793,173
	Cubic Yards	Cubic Yards	Cubic Yards	Cubic Yards	Cubic Yards
TEMPORARY DEBRIS MANAGEMENT SITE REQUIREMENTS					
Debris Cubic Yards	19,829	79,317	257,781	495,733	793,173
Acres Required*	2	5	16	31	50
* 1 Acre = 4,840 Cubic Yards 10 Foot Stack Height = 3.33 Cubic Yards Total Volume Per Acre = 16,117 Cubic Yards					

Note: The USACE model had an error range of +/-30%. Post-event visual reconnaissance of the affected area is required to validate the results.

4.3 CAPACITY AND RESOURCES

As a nimble, client-focused firm, Rostan understands the importance of resource management. We never over-commit our resources ensuring our clients always have timely access to the valued expertise and support they would expect. Our strategy is to selectively pursue, develop, and maintain client relationships that we believe to be beneficial to both parties. We have always limited the number of pursuits we develop by both geography and population served.

We can ensure a technically skilled and seasoned team will always be available to the City without compromise.

RESPONSE GUARANTEE

We take our response guarantee seriously. While many firms commit on paper, we have never failed to deliver on our promise to be responsive within the timeframes requested. Rostan confirms that we are able and willing to respond within the commitment windows outlined in the table below.

TASK	GUARANTEED RESPONSE TIME
Pre-Event Coordination and Planning	>96 Hours prior to event
Remote Staging of Equipment and Personnel	24 Hours prior to impact
Project Team Reports to City	Upon Request following All Clear
Begin Operations	24 Hours following NTP
Max Resources Deployed	<72 Hours following NTP
<i>**In the case of an unpredictable event, our guaranteed response time is within 6-hours of notification</i>	

Resource requirements are event-specific and determine the critical path, so each event may have a slightly different response curve. Rostan will mobilize the necessary resources from within Florida, and elsewhere if required, to physically work in the City as needed to support debris removal operations and long-term recovery efforts. It is common practice after natural disasters for the project resources to mobilize to the project area and lodge near the project for its duration. Other support services may be provided remotely, if possible, to minimize the travel and cost. Additionally, monitoring positions will be filled with resources sourced locally following a disaster event.

RESOURCES

Debris monitoring projects require two primary resources, labor and ADMS hardware/software.

Labor Resources: Rostan employs key resources full-time to ensure we have capacity to support our contractual obligations regionally with experienced management creating a foundational approach to the project. This allows us to add and subtract secondary resources as needed without harming the overall project quality or effort. This is a distinguishing trait of our company. Many competing firms are contractually spread too thin forcing them to utilize hourly resources to fill key positions like Project Manager when large disasters occur.

Additional Labor Resources: An industry standard establishes that several monitoring project positions are staffed with hourly employees. Typically, Rostan supports field supervisor positions with on-call resources that work on projects seasonally and will occasionally hire these positions locally to an event area when the resources are available. We have developed a substantially deep bench in this position and regularly engage known resources to support projects in this role. Additionally, debris monitors are hired locally to support projects. Rostan has developed a substantial and effective digital marketing campaign to identify and secure local resources to support these positions extremely quickly. The quantity is determined based on project demand and fluctuates accordingly. We work closely with debris removal contractors to ensure we have appropriate coverage daily.

ADMS: Rostan owns its ADMS HaulPass®, and the hardware required to support it. We house enough equipment to simultaneously supply all of our clients' projects with sufficient ADMS equipment. Our software is supported by a remote development team available 24-hours a day. Our relationships with our key vendors ensure we have access to additional equipment in short order should an unforeseen circumstance reveal a need.

FULL-TIME STAFF

Rostan resources are spread strategically across the Gulf and East Coast from Texas to New York. Rostan's primary resource concentrations are in Florida and Louisiana, ensuring project resources are close enough to respond to clients along the entire Gulf Coast within 24 hours.

Rostan currently employs around 50 professionals, all focused year round on disaster related disciplines. Disciplines and full-time personnel counts include:

POSITION	PERSONNEL COUNT
Principal	4
Attorney	1
Mitigation	4
Project Managers	8
Grant Consultants	13
Technical Specialist	15+
Administration	5
Total	50+

DISADVANTAGED / SMALL BUSINESS ENTERPRISE (D/SBE) PARTICIPATION

While we do not intend to use subcontractors for this project, Rostan has traditionally had a sensitivity towards the utilization of minority-owned and small business enterprises in the normal course of our business, which includes DBE and SBE firms as subcontractors and as suppliers of goods and services. Furthermore, we extend our efforts beyond professional level services, whenever possible, to employ DBE and SBE firms for nontechnical needs that may arise during the normal course of operations. As a federally self-certified SBE ourselves, Rostan has long been an advocate of diverse project participation.



4.4 DEBRIS MONITORING OPERATIONS AND MANAGEMENT

Working in coordination with the industry's most prominent debris hauling companies to achieve client goals, Rostan provides a professional, well managed, and responsive operation coupled with quality project deliverables that support funding reimbursement pursuits. This section identifies our role in providing these services, the tasks associated, and the data management and collection platforms we have developed to support these efforts. HaulPass® has become an integral component of nearly every debris monitoring task Rostan performs and as such will be mentioned frequently throughout this section. For greater detail on the HaulPass® system, please refer to *Section 4.6 Automated Debris Management Systems (ADMS)*.

Rostan's approach to providing debris monitoring services has been honed through our response efforts in support of clients following dozens of major disasters and is consistent and compliant with FEMA guidance and program policy (e.g., *Public Assistance Program & Policy Guide FP-104-009-2/ June 2020, Public Assistance Debris Monitoring Guide/ March 2021*, and supplementals).

PLANNING AND SEASONAL TRAINING

Rostan encourages off-season engagement to prepare and plan for future potential events. Part of this planning process incorporates annual review of operating plans, service contracts, and DMS site availability and permitting. This value-added service is intended to bring project stakeholders together and define recovery strategies.

Disaster Debris Management Plans (DDMP) are typically reviewed during offseason planning sessions, amended as needed, and appended to Comprehensive Emergency Management Plans. Rostan can review the City DDMP and would welcome the opportunity to conduct a thorough review and update the components as necessary.

Included in the following Table is a sample Debris Monitoring Plan. Rostan will develop a similar plan through coordination with the City to flesh out details and responsibilities with the goal of ensuring that all support functions have accountable resources.

PRELIMINARY DEBRIS MONITORING PLAN		
DEBRIS MONITORING TASKS	ACTION ITEM	TIMELINE
PRE-EVENT TASKS		
PLANNING AND COORDINATION	Summarize operational and communications plan, DMS locations, and logistics and staging areas	During off-season and 72 hours prior to mobilization
INITIAL PRE-EVENT COORDINATION	Telecommunications and/or in-person contact with client	72 hours prior to mobilization
DEBRIS CONTRACTOR COORDINATION	Place debris contractor on stand-by	72 hours prior to mobilization
OEM AND FEMA COMMUNICATION	Coordinate OEM and FEMA client public assistance conference calls	As requested
LOGISTICS AND OPERATIONS COORDINATION	Implement preliminary mobilization of Rostan Reserves	72 hours prior to field operations launch
	Preliminary staging of field kits	72 hours prior to field operations launch
	Initiate Event Manager/HaulPass® data and GIS database	72 hours prior to field operations launch
PRE-EVENT COMMUNICATION	Prior to a disaster event the Project Manager and/or City Liaison will participate in conference call to discuss event status with staff and contractors	Occurs daily morning and afternoon within 72-hour field operations launch window
	Prior to a disaster event the Project Manager and/or City Liaison will report to the EOC or other designated forward staging area	Report as requested
DEBRIS MONITOR MOBILIZATION	Mobilization of Rostan Reserves	Incident occurrence is imminent
	Implement Rostan staff recruiting plan	72 hours prior to field operations launch
	Remote staging of equipment and personnel	72 hours prior to field operations launch
POST-EVENT TASKS		
ADMINISTRATIVE TASKS	Obtain Presidential Disaster Declaration	6 to 48 hours after mobilization
	Obtain Notice to Proceed/Issue Certificate of Insurance	Incident occurrence to 48 hours after
	Continue with staffing plan implementation and training	6 hours after field operations launch and until the end of the debris mission

PRELIMINARY DEBRIS MONITORING PLAN		
DEBRIS MONITORING TASKS	ACTION ITEM	TIMELINE
OPERATIONS MANAGEMENT TASKS	Perform preliminary damage and debris assessments	2 to 48 hours after incident
	Evaluate Debris Management Sites (DMS)	2 to 48 hours after incident
	Perform preliminary debris cost estimate	2 to 48 hours after incident
	Update GIS Map with debris zones	2 to 48 hours after incident
	Compile and issue Daily Report	Daily beginning 1st day of operations
	Obtain Permit or appropriate approvals for DMS locations	12 hours after incident until all necessary DMS locations are operational
MONITOR DEBRIS CONTRACTOR FIRST PUSH	Monitor equipment and labor hours of debris contractor equipment that is mobilized utilizing T&M daily log forms	70-hour T&M period
MONITOR RIGHT-OF-WAY DEBRIS COLLECTION	1st Pass — Monitor debris contractor crews collecting eligible disaster debris from public ROWs and public property	Week 1 through Week 6
	2nd Pass — Monitor debris contractor crews collecting eligible disaster debris from public ROWs and public property	Week 7 through Week 10
	3rd Pass — Monitor debris contractor crews collecting eligible disaster debris from public ROWs and public property	Week 11 through Week 12
MONITOR SPECIAL WASTE COLLECTION	Monitor debris contractor crews collecting eligible special waste disaster debris such as appliances, stumps, leaning trees, hanging limbs, and HHW etc. from public ROWs	Week 5 through Week 12
DMS OVERSIGHT AND MONITORING	Document pre-DMS conditions with photographs and other means as required by regulatory agencies	1st week until debris mission complete
	Observe debris contractor operations at the site to assure environmental compliance	1st week until debris mission complete
	Perform “load calls” of debris contractor debris loads	Throughout mission
	Monitor debris contractor upon exit of DMS	Throughout mission
	Document post-DMS conditions with photographs and other means as required by regulatory agencies and that site is restored to original condition	Following completion of debris removal activities
MONITOR CITIZEN DROP-OFF SITES	Document pre-site conditions with photographs and other means as required by regulatory agencies	Prior to opening DMS locations
	Document and record residents and debris drop-off	Throughout mission
	Observe debris contractor operations at the site to assure environmental compliance. Document the amount of debris processed	Throughout mission
	Document post-site conditions with photographs and other means as required by regulatory agencies and that site is restored to original condition	Following completion of debris removal activities
MONITOR FINAL DISPOSAL	Obtain documentation that final disposal location is permitted and approved for the debris material	1st week until debris mission complete
	Monitor final disposal of debris contractor and obtain scale record or load manifest	Throughout mission
DATA MANAGEMENT/ HAULPASS EVENT MANAGER	Manage and facilitate roll-based access and use of HaulPass	Throughout mission
	Establish API or system integrations with project stakeholders	As requested
	Perform debris contractor invoice reconciliation	As invoices are submitted by debris contractor
	Issue applications for payment of debris contractor invoices	As invoices are submitted by debris contractor
	Coordinate and facilitate data transfers request from debris contractor, state and federal personnel	Throughout mission
CALL CENTER	Operate and staff call center in coordination with CIC	As requested
WATERWAY DEBRIS REMOVAL MONITORING	Monitor debris collection crews collecting eligible debris from area waterways	If needed
MONITOR PRIVATE PROPERTY DEBRIS REMOVAL	Manage PPDR program	If needed
DEMOLITION OF STRUCTURES ON PRIVATE PROPERTY	Manage Demo program	If needed
PROJECT CLOSEOUT	Provide electronic documents for reimbursement support	Mission completion

STAFFING

Rostan Reserves — Staff reserves consist of cadres of veteran disaster debris monitoring personnel identified and assembled over years of responding to disaster events nationwide. These staff reserves allow us to supplement our deployment efforts while engaging and training locally hired staff. Rostan staff reserves are well versed in FEMA regulations and guidelines, such as *FEMA 325, 327, 329, Public Assistance Debris Monitoring Guide / March 2021*, and *Public Assistance Program & Policy Guide FP-104-009-2 / June 2020*.

Recruiting and Additional Personnel — Due to the increase of disaster events in recent years, Rostan has developed a traveling labor force that responds to debris monitoring job opportunities nationwide. Our goal in any disaster recovery effort is to hire locally to the greatest practical extent. We believe that maximizing the use of locally hired personnel not only helps the community recover more quickly but it also provides for operational efficiencies due to familiarity with neighborhoods, roads and traffic patterns, and local culture. Rostan utilizes modern mediums of outreach such as social media and internet job posting sites, while also employing “old fashioned” techniques, such as “word of mouth,” and accessing potential local candidates through veteran organizations, religious organizations, and local labor surplus offices. We generally refrain from using paid, third-party employment agencies. Our experience leads us to believe that these agencies are not properly invested in the well-being of the candidates nor the community.

HEALTH AND SAFETY

Rostan’s health and safety approach is based upon our lessons learned, near misses, industry best practices, applicable federal, state, local regulations, and contractual requirements. Rostan will designate a health and safety officer for the duration of the project to support field operations with respect to health and safety protocols and procedures established in the Health and Safety Plan (HASP). Rostan will develop a HASP that addresses health and safety procedures for the overall debris monitoring field operation, each DMS, each citizen drop-off site, and final disposal sites. Images of a typical Rostan HASP are provided below:

Each debris monitor is provided with field training, including an emphasis on hazards and vulnerabilities and methods to reduce risk on the job site. These topics are covered in our field training guides. Rostan provides required personal protective equipment that field personnel must wear while working in designated work areas. Each operating day begins with a morning operational and safety meeting attended by all field personnel.

ROSTAN
Debris Monitoring General Safety Guidelines

Traffic Safety
Traffic safety is the most important element of safety awareness on debris monitoring projects. Traffic-related dangers are the most significant safety threats that can encounter a debris monitor on a daily basis, primarily due to the most complexity over time. The daily patterns of driving to and from the work site each day, choosing a parking spot, driving to and from each debris loading location, and entering and exiting your vehicle may become routine and repetitive. This presents a significant danger, as staff may eventually become complacent in scenarios which present potential traffic dangers.
Once you are behind the wheel, focus exclusively on driving. Always practice safe and defensive driving. Do not allow yourself to get distracted for any reason. Do not operate cell phones or other technology while driving your vehicle. Phone calls can wait. If absolutely necessary, wait to safety pull a phone in your vehicle, hold it on the side of a road, and only then return a required phone call. Safety is far more important than calling your supervisor or a contractor back as fast as possible. Safety takes priority.
Obey the speed limit at all times. Drive safely and slowly. Do not allow any contractor, or other party, to pressure you to drive unsafely. If attempting to follow behind a contractor, for example a truck cleaning up debris along the side of the road (right of way cleanup), and the contractor is speeding or otherwise driving unsafely, notify your supervisor. Debris monitors should not confront contractors with safety enforcement, as we are not responsible for the safety of contractors or other non-Rostan personnel. Supervisors or the operations/project manager will be responsible for resolving any safety issues or discrepancies with the contractor or third party. We are not safety or law enforcement officers, nor primary concern is for the safety of Rostan staff.
Be sure to select a safe location to park your vehicle. Remain in a safe distance. If possible, do not park within 75 feet of any active work site. Park much further away if any hazardous tree removal will take place. Use common sense, and don't park close to a site simply to limit your walking distance. When arriving onsite, if necessary, to be verified with the contractor(s) that your parking location will not create any potential issues or safety concerns.
Loading/Work Site Safety
Rostan staff must always maintain situational awareness of the traffic dangers present while driving, but equally if not more important, while on site walking near any area in which vehicles could be in motion, regardless if it is a road or not. This danger is often present on work sites where contractor vehicles and equipment may be in motion. This includes commercial vehicles and heavy equipment. For example, contractors may need to utilize a

ROSTAN
Heat Stress Considerations

- Stay hydrated by drinking plenty of water
- Avoid caffeine and sugary drinks
- Take cool breaks as needed
 - Muscle cramping
 - Nausea
 - Weakness
 - Dizziness
- Contact your supervisor immediately if you are feeling overheated. We will relieve you so that you can rehydrate/cool off
- Wear sun block to avoid sun burn and skin over-heating
- Wear a hat with a brim protecting face, ears, and back of neck
- Cover exposed skin to the extent practical

Cold Stress Considerations

- Wear layered clothing
- Wear insulated gloves
- Promptly replace wet clothing
- Recognize symptoms of hypothermia:
 - Shin and/or the back
 - Disoriented shivering and numbness
 - Confusion and disorientation
 - Muscles become stiff and tight

Personal Protective Equipment (P.P.E.)

Standard PPE Requirements:

- Safety Vest** - Rostan safety vests are mandatory and are required to be worn at all times while on active work sites.
- Long Pants** - Long pants are required to be worn while on all work sites as a protective measure.
- Steel-Toed Work Boots** - Steel-toed work boots are required to be worn on all active work sites.
- Hard Hat** - Rostan hard hats MUST be worn when there is any potential overhead threat, as per O.S.H.A. workplace safety standards. As a default, Rostan employees are generally asked to wear their hardhats while present at any active work site, within reason. In addition, hard hats may also be required even in scenarios where an overhead threat is highly unlikely, in accordance with client or project specific safety standards.

ROSTAN
Emergency Contact Information

Rostan Project Temporary Field Office Address and Phone Number:

Emergency (fire, police, ambulance) Dial 911

Emergency (other):

Name: Phone Number:

Client Manager:

Operations Manager:

Project Safety Officer:

Nearest Hospital(s) Name, Address, and Phone Number:

Incident Notification Process

- Dial 911
- Contact Project Manager/Supervisor
- Notify the prime contractor representative
- Project Manager will contact the client (where applicable)

ROSTAN
Water and Sanitation (check all that apply)

☐ Available operation with access to off-site restrooms and potable water

☐ Restroom facilities on-site provided by client or other contractor

- If yes, please list the locations where this applies:

☐ Project to provide portable toilets (1 per 20 workers)

- If yes, please list the locations where this applies:

☐ Potable water available on-site

- If yes, please list the locations where this applies:

☐ Project to provide potable water (minimum 1 gal/worker/day)

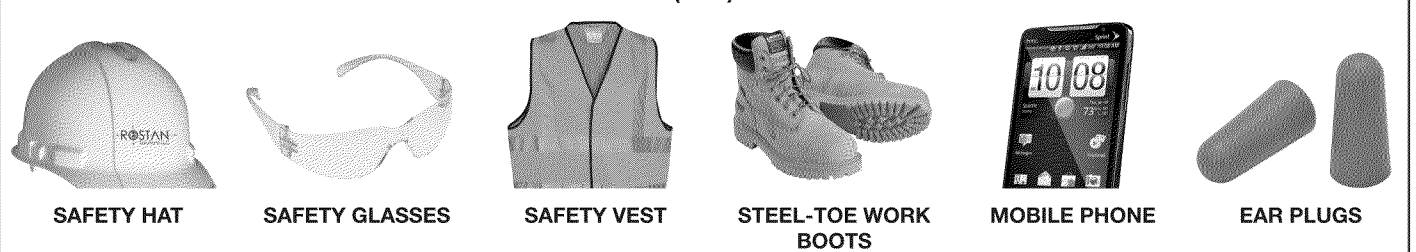
☐ Project requires carrying water (first aid and cool, in shade, with soap and paper towels)

- If yes, please list the locations where this applies:

Traffic Safety Plan
Please describe the road and workable driving conditions on this project:
Example: This project will involve ROSTAN cleanup along public roadways of varying sizes, between 1 and 4 miles, both paved and unpaved. Some of the roads do not have a shoulder and some. Precipitation and high traffic may be present. Customer to bring trucks and heavy equipment is expected.

Please describe any unusual traffic circumstances that might be encountered:
Example: On busy streets, the debris haulers will be accompanied by a municipal police vehicle as a safety precaution. Additionally, there are low-hanging power lines in many residential areas which pose an overhead hazard when loading the trucks.

TYPICAL ROSTAN PERSONAL PROTECTIVE EQUIPMENT (PPE) CONSISTS OF:



Additional PPE is available as operational parameters may dictate, e.g., life vests, dust masks, sun screen, insect repellent, work gloves, etc.

QUALITY ASSURANCE AND QUALITY CONTROL (QA/QC)

Rostan personnel at all levels are aware of the importance of providing a quality work product. We will provide a designated QA/QC Officer to oversee Rostan's operational performance and support the Project Manager, Operations Manager and Field Supervisors in implementing our QA/QC protocols and procedures..

QA/QC TASKS GENERALLY INCLUDE BUT ARE NOT LIMITED TO:
Daily review of HaulPass® ticket data, scale receipts and other manifests
DMS permit application review and approvals
Reconnaissance of current debris zones for daily progress
Random re-certifications of debris contractor vehicles
Random health and safety inspections and audits
ADDITIONALLY, THE HAULPASS® SYSTEM PROVIDES SIGNIFICANT QA/QC FUNCTIONS FOR:
ROW Monitor location tracking and performance measurement
Damage resolutions
GIS-based debris collection progress mapping
DMS Monitor performance measurement and audits
Debris contractor performance measurement and resource allocation
Debris contractor invoice reconciliation
Reimbursement support documentation audit

FIELD OPERATIONS AND REPORTING

Operations Management— Includes priority communication with debris removal contractors and community stakeholders on a daily or more frequent basis as needed. Each day begins with a meeting in the field, assigning crews and monitors to areas of operation and establishing the collective operating goals for that day. At the close of each operating day, contractors, Rostan representatives, and community stakeholders will meet to plan for the following operating day. Field monitors are deployed with debris contractor crews to monitor the loading of trucks and to issue load tickets. We provide area field supervisors that are responsible for a defined geographic area in support of monitoring efforts. Our supervisors will work closely with debris contractor supervisors to anticipate, and address changing field conditions, manage communications, deploy field staff, and adjust as necessary to efficiently manage debris collection operations.

In addition, we will coordinate and communicate with the City regarding overall debris recovery status, debris contractor performance and provide daily operations status updates.

Reporting— Rostan provides daily reporting to document each day's activities and capacity. Reports are typically released by 12:00 PM noon, on the following operating day unless another reporting deadline is required. The HaulPass® website is accessible via a web interface to view current operational information such as:

Debris volumes collected by debris type
Debris volumes hauled by type
Debris quantities by DMS
Equipment certification totals

Samples of some of Rostan's reports are included under *Section 4.6 Automated Debris Management Systems (ADMS)*.

PRELIMINARY DEBRIS ASSESSMENTS

Within 24 – 48 hours of activation, Rostan will assist the City with debris estimates. Debris estimation is critical to determining the type and size of a debris recovery operation and helps set recovery expectations, timeframes, and goals. Preliminary debris estimates are based on modeling and confirmed by aerial, topographical, and visual reconnaissance of the affected area. Field estimates are typically gathered by surveying a representative sub-set of each community and extrapolated to develop a damage picture

for the affected area. Following Hurricanes, this may be City-wide. Following floods or other more localized events like a tornado, the affected area may be isolated to certain neighborhoods or geographic subsets.

MONITORING FIRST PUSH/
CUT AND TOSS

Following an extreme event, an initial push may be required as soon as possible following the “all clear”. Critical arteries and emergency response routes are prioritized and cleared of fallen trees, limbs, and other disaster debris by teams of debris contractors, electric company crews, local client crews and Rostan monitors. The debris clearance phase may go beyond the FEMA 70-hour allowable time and materials window under certain scenarios.

If requested, Rostan will provide monitors to document and record time and materials efforts during the debris clearance phase. Rostan can and will facilitate the administration and management of documentation to be provided in support of project worksheet development for Category B reimbursement from FEMA.

Rostan will perform the following tasks during the debris clearance phase:

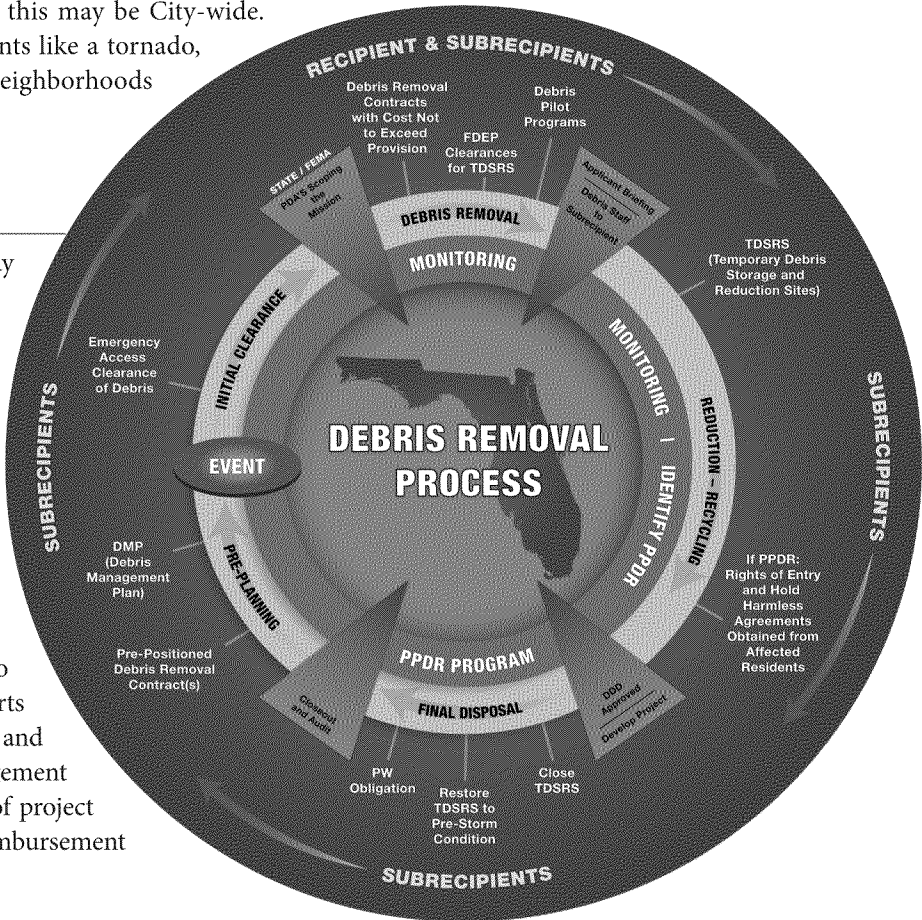
Certify and placard equipment and vehicles
Assist with documenting and prioritizing roads for immediate clearance
Capture time and materials efforts by City personnel, contractor staff crews, and volunteers
Manage the time and materials information collected daily
Issue a daily report of roads cleared, road status and schedule, and other salient data
Review and reconcile contractor and supplier invoices
Compile and provide information for all Category A and B PWs

RIGHT-OF-WAY (ROW) DISASTER DEBRIS COLLECTION MONITORING



Right-of-Way (ROW) monitors are trained with respect to FEMA *Public Assistance Program & Policy Guide FP-104-009-2/June 2020* and *Public Assistance Debris Monitoring Guide/March 2021* guidance. Our training also includes health and safety components, eligibility requirements specific to the local, state, and federal regulations, and debris contractor monitoring. Rostan’s Operations Manager and Supervisors work closely with the City and debris contractor personnel to provide ROW Monitors for each debris crew mobilized by the debris contractor. Rostan’s Operations Manager and Supervisors are responsible for ROW Monitor training, scheduling, deployment, QA/QC, as well as reacting to daily changes associated with debris contractor crews, monitor issues and FEMA inquiries.

Each Rostan ROW Monitor will be equipped with a HaulPass® handheld unit as well as all necessary field equipment and required health and safety personal protective equipment (PPE). Rostan ROW Monitors are capable of performing any of the tasks listed below:



Monitor eligible disaster debris collection from ROW and public property
Initiate a HaulPass® load ticket for each eligible load of disaster debris
Monitor debris contractor activities
Report Health & safety concerns
Report and document property damage or accidents
Monitor collection of special waste such as appliances, HHW, etc.
Mobilize and de-mobilize daily

SPECIAL WASTE MONITORING

Special Waste is disaster debris material that is typically collected separately from Vegetative and C&D storm debris. The most common special wastes include:

White Goods
Household Hazardous Waste (HHW)
Hazardous Stumps
Hanging Limbs
Leaning Trees
Abandoned Vehicles
Derelict Boats

Rostan Special Waste Monitors are experienced ROW Monitors that have received additional training and experience monitoring special wastes. Rostan assigns a monitor to each debris contractor special waste crew. Rostan's Operations Manager coordinates closely with the debris contractor to facilitate a safe and efficient operation. Rostan monitors use HaulPass® to document each eligible debris item (e.g., hazardous stump, refrigerator, etc.) with photographs tagged with GPS coordinates and any footnotes.

HAZARDOUS TREES AND STUMPS

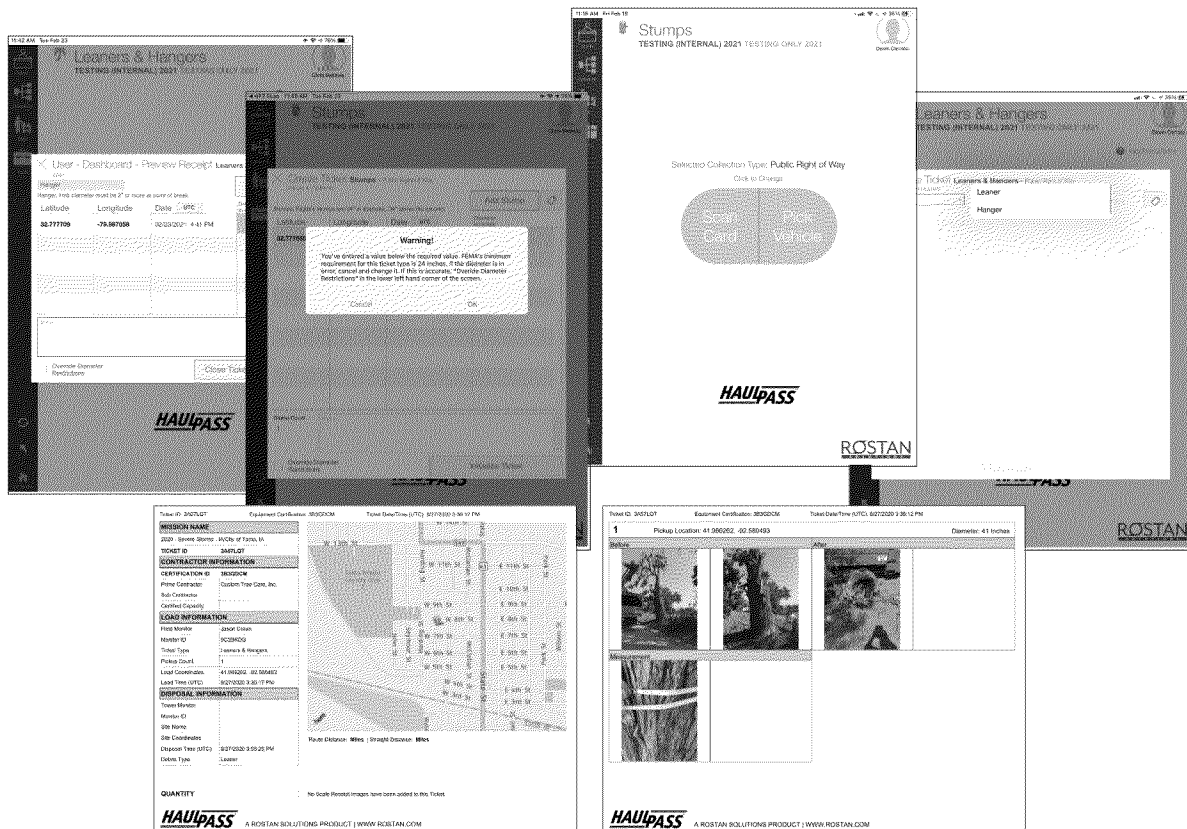
Trees are highly susceptible to wind damage especially over prolonged periods of sustained high winds. Saturated ground conditions often exacerbate the situation. It is not uncommon for communities to remove thousands of trees and limbs following even moderate events. As a result, FEMA authorizes the removal of substantially damaged trees, damaged limbs, and stumps from trees that have fallen. As the costs for this type of work can be expensive, it is critical that a debris monitoring provider understand the governing policy and have the wherewithal to effectively document the work as it is being performed. Rostan has monitored the removal of hundreds of thousands of damages trees, limbs, and stumps, and has developed specific modules within HaulPass® to handle the documentation requirements for these unique debris streams.



HaulPass® tree modules are designed to capture the work type, the associated diameter, and photo document the required work prior to and after it is conducted. The tree work module also has built in parameters that reject trees and limbs with diameters below eligibility requirements and includes handy reference language regarding the criteria that qualify trees, limbs, and stumps.

Rostan selects only the most efficient and competent debris monitors to observe and document tree work due to the advanced eligibility and documentation requirements.





CANAL, DRAINAGE, AND WATERWAY DEBRIS MONITORING

Removal and monitoring of debris from canals and waterways increases the complexity and potential danger of a typical ROW debris management event and requires special considerations. Rostan has extensive experience monitoring debris removal from navigable and non-navigable waterways. Given the cost associated with this type of debris removal, it is imperative that debris, along with hazardous limbs and trees, be completed in a “single pass” if possible. To support a single pass effort, Rostan will conduct a comprehensive survey of the area of concern to catalogue debris and tree work. Collection of this type of information allows critical planning to occur prior to mobilizing collection resources. Once completed a drone may be used to video record the area. This information is useful in dealing with concerned residents whose properties abut drainage systems such as canals. It is our policy to provide an experienced monitor for each debris collection crew.



TYPES OF DEBRIS FIELDS INCLUDE:

Storm drains, catch basins, and flood control ditches
Canals, streams, rivers, and inland waterways
Bays, beaches, and channels

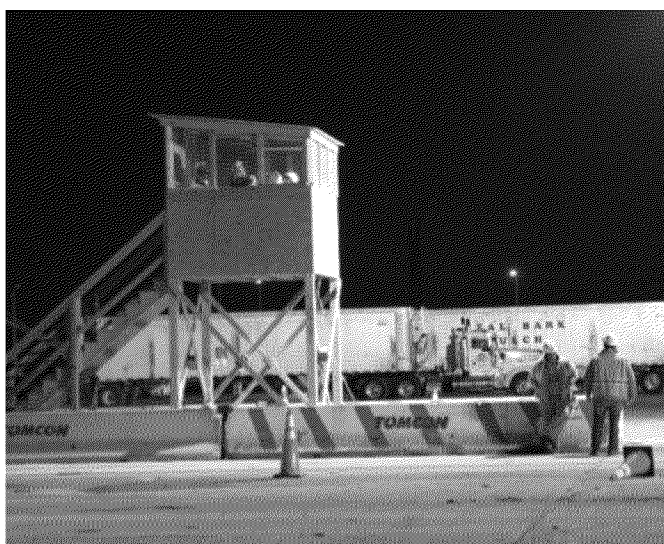
TYPES OF DEBRIS MAY INCLUDE:

Displaced damaged structures such as buildings, docks, pillars, etc.
Derelict vessels and vehicles
Vegetative storm debris such as tree trunks, limbs, etc.
C&D debris
Displaced sand and soil
Dredge spoils

Rostan understands the importance of taking additional safety precautions when performing debris monitoring in waterways.

DEBRIS MANAGEMENT SITE (DMS) SELECTION AND APPROVALS

Effective debris management begins with the identification of potential DMS locations. We will assist the City in obtaining necessary approvals and permits from local, state and federal agencies for each site. Initially, our project team coordinates with the City to obtain relevant information such as current site ownership, current site use, right-of-entry considerations for privately owned sites, planned reduction methodologies for each site, and City-specific objectives for each site. We then can collect baseline data on the designated



DMS consistent with federal, state and local requirements and in general accordance with FEMA guidelines. Baseline data collection and monitoring activities are focused on achieving successful and timely site closure. Information obtained for each site is compiled into a baseline DMS report, as well as a closure report that we prepare after all debris has been removed from the site. If requested, we conduct both baseline and closure groundwater and soil sampling to document conditions prior to and after debris management activities and establish whether the DMS was adversely affected by these activities.

MONITORING DMS OPERATIONS

We conduct frequent observations throughout the debris management process as debris is stored, reduced, and removed from various DMS sites, and until site restoration to pre-disaster condition is complete. We evaluate the debris contractor's procedures for proper storage, management, and disposal of all debris types and advise the City of any potential issues that could affect reimbursement funding. We also can provide drone imagery to document overall site activities during debris management operations.

Following debris operations, our project team will prepare a DMS closure report documenting the site conditions upon closure. This report compares baseline and closure environmental conditions that typically includes a comparison of analytical data collected as well as photographic documentation for visual comparison. Rostan DMS-related monitoring tasks may include:

DMS selection and approval assistance
Development of criteria for management of a DMS
Inventory of all sites handling debris (such as DMS locations, landfills, staging areas, citizen drop-off sites, etc.)
Permitting and coordination needs for DMS locations, including communications with state and local regulatory agencies
Performance of baseline data collection including photos and/or video of each DMS, current site layout sketch, documentation of physical features, current land use, current structures, use or storage of chemicals (past or current) on-site, and other relevant information
Development of a sampling plan for each DMS including sampling locations, specific media, and analytical parameters, if required
Performance of baseline soil and groundwater sampling, if required
Ongoing DMS monitoring
DMS closure
Preparation of a DMS baseline and closure report for each site

TOWER MONITORING AND LOAD CALLS

Rostan provides Tower Monitors that have extensive experience in DMS monitoring activities and have worked with us on previous disaster recovery events. Rostan Tower Monitors understand debris site management and equipment. It has been observed by others that Rostan Tower Monitors are among the most professional and technically competent in the industry. Our monitors are trained to verify the truck volume, identify truck modifications, accurately make the load call, document daily volumes managed, and observe contractor activities.

EQUIPMENT AND VEHICLE CERTIFICATION



Rostan has experienced and fully dedicated and equipped certification teams prepared to deploy immediately following an event in order to identify potential equipment certification site(s), establish the certification site(s), oversee certification operations, certify equipment, and provide accurate record keeping maximizing reimbursement. Certification can be generated cubic yardage and/or tonnage. Rostan certification teams are experienced with volumetric measurement and calculations for all types of debris contractor vehicles and equipment used in the industry. Our certification staff follow Rostan's standard operating procedures which are consistent with FEMA *Public Assistance Program & Policy Guide FP-104-009-2 / June 2020* and *Public Assistance Debris Monitoring Guide / March 2021* and contain some of the following components:

HaulPass® System Equipment/Vehicle Certification Form
HaulPass® Smartcard and Placard Issued for each vehicle or piece of equipment
Debris contractor Safety Checklist verified
Random QA/QC Re-Certifications — conduct random audits of contractor equipment to ensure the volume is consistent with the original placard

Rostan utilizes HaulPass® for digitally recording, storing and managing the information associated with each piece of equipment. More on the HaulPass® role is included in the Certifications subsection of *Section 4.6 Automated Debris Management Systems (ADMS)*.

Rostan certification teams can certify 24 hours per day, 7 days per week if required.

PPDR PROGRAM MANAGEMENT

Typically, FEMA does not provide federal support for work conducted on private property. In certain instances, eligible applicants can apply for federal support for this type of work if the extent of damage is extensive and deemed harmful to a community at-large. Private Property Debris Removal (PPDR) and Structural Demolition work in accordance with federal, state, and local requirements can require extensive logistical coordination, detailed record keeping, and operational aptitude. Rostan is highly adept at providing and managing all three of these aspects. Since 2011, Rostan has had the opportunity to serve multiple clients in this capacity.

This experience has allowed us to refine our approach to PPDR/Demolition projects. Initial focus is placed on determining the areas of impact and conducting site evaluations to determine the extent of damages and formulate site specific management plans. Historically, these site evaluations have involved FEMA and other governmental agencies such as the Florida Department of Environmental Protection (FDEP).

Once properties are identified they are placed into a queue that generally follows the FEMA 19-point checklist. This checklist includes processes that must be followed to remain eligible for reimbursement funding and conduct a safe debris removal effort. Some of these processes are lengthy and can consume considerable amounts of time therefore it is critical to implement appropriate project management tools and coordinate processes simultaneously.

A Right-of Entry (ROE) agreement signed by the property owner or the owner's authorized agent is required for each project site on private property. Without this document municipalities and their representatives do not have legal authority to access the property. At times, these are easy to obtain, and residents voluntarily submit them. In other times, residents have been displaced or even worse deceased, due the disaster. In instances where volunteered authority is not an option it is critical to have a consultant with experience

in these matters. Rostan has this experience and has assisted with tracking down displaced residents and next of kin and developed paths forward whether it's through code enforcement and condemnation procedures or other alternatives. Rostan has developed a comprehensive data collection platform called Parcels tailored specifically to help manage PPDR/Demolition Programs. More on Parcels is included in *Section 4.6 Automated Debris Management Systems (ADMS)*.

ADDITIONAL MONITORING RELATED SERVICES

DRONES

Rostan may deploy drones in support of operations, data collection, and reporting objectives. Drones provide an aerial “set of eyes” generating unique perspectives and the ability to access areas that are otherwise difficult to reach by traditional means. Drones can help locate debris in remote areas, capture baseline, ongoing, and post-event site conditions at DMS locations, and be used as a debris estimating tool. While drones have been around en masse for a number of years now, their utilization to support debris removal projects is just fully being realized.



CALL CENTER

Rostan can establish a call center for residential inquiries, claims reporting, and management of claims resolution if needed. This call center can be established locally or managed from one of our permanent office locations.

PUBLIC INFORMATION ASSISTANCE

Rostan can develop public notices, documents, narratives, and memos to support City public information efforts and can support the City PIO on an as-needed basis.

CONTRACT INVOICE REVIEW AND PAYMENT APPLICATIONS

Rostan will review, validate and reconcile debris management contractor(s) invoices prior to submission to the City for processing. Rostan will conduct a meeting at the beginning of the debris management operation to fully explain the process to the City and debris contractor(s) representatives. All invoices from the debris contractor(s) shall be directed to Rostan for reconciliation with field data collection databases.. Within seven (7) calendar days of receipt, invoices shall be reviewed by Rostan to be accepted or rejected. Rostan will issue in writing to the City and the debris contractor the acceptance or rejection of the invoices and a payment recommendation. If the invoice is rejected, Rostan will clearly state the reasons for rejection and work with the debris contractor to resolve immediately.

DAMAGE CLAIMS

Rostan will coordinate with City personnel to respond to any potential property damage claims resulting from the debris removal process. This includes damage to private property and damage observations to public facilities like road surfaces or drainage. Road damages resulting from debris removal efforts can be potentially be pursued as damages claimed as a result of a disaster event through FEMA's PA program. Rostan is pleased to provide our damage complaint tracking service built into the Tag Items feature in the Haulpass® toolbox. More information about Tag Items can be found in *Section 4.6 Automated Debris Management System (ADMS)*.

ATTENTION!

Storm-generated debris removal crews
are expected to be in your area
within the next 24–48 hours.

Please separate your debris
and place in the road right-of-way.

** Black trash bags will be considered household garbage **
** and will **NOT** be picked up as part of this program. **
** If you must bag your storm-generated debris, please use clear plastic bags. **

Debris removal guidelines
In efforts to expedite the debris removal process, please follow these rules:

Placing debris near or on trees, poles or other structures makes removal difficult. This includes fire hydrants and meters.

Debris should be placed curbside
Debris must not block roadway

Debris separation
Please separate debris into the three categories shown below.

- Electronics**
Television, computer, stereo, phone, DVD player
- Large Appliances**
Refrigerator, washer/dryer, air conditioner, stove, water heater, dishwasher
- Vegetative debris**
Tree branches, leaves, logs, plants
- Construction debris**
Building materials, drywall, lumber, carpet, furniture, plumbing
- Household garbage**
Bagged garbage, discarded food, paper, packaging

QUESTIONS? Please contact:

4.5 FEMA REGULATIONS AND PROCEDURES

As an integral part of debris monitoring consulting, Rostan provides financial consulting services to its clients as required to support the grant application and reimbursement process. We understand the dynamics of disaster recovery financial planning, resource allocation, as well as the need for financial stability. We have extensive experience in representing clients' costs to state and federal agencies responsible for administering grant programs.

Over the years, we have sought and secured more than \$5 billion dollars in grant funding for our clients. This includes funding through FEMA's PA and HMGP programs, FHWA, HUD CDBG grants, HHS, and NRCS. We take great care to ensure that our data collection and documentation efforts are secure, complete, and done in accordance with the guidance and policies of the appropriate funding agency. This includes continuing education efforts and ensuring that our decision-making personnel are up to speed with disaster-specific policies.

REIMBURSEMENT REQUESTS

Rostan can effectively manage eligible and ineligible items, provide appropriate and specific documentation of expenses, and direct allocation of costs to the appropriate funding source when match is required / multiple programs provide funding. The contract instrument, allocation of funding shares is delineated, and any prevailing limits or restrictions on specific funds are clearly outlined and structured.

DOCUMENTATION

Sub-grantees are required to maintain and submit specific documentation to the grantee to ensure complete and accurate documentation to demonstrate programmatic and financial compliance with all applicable regulations and guidance. Reimbursements will be unable to be processed unless all required documentation is complete and submitted. Rostan will assist with the maintenance of all documentation in an acceptable format and dovetail with program workflows and procedures, streamlined for review and auditing purposes. During project implementation, sub-grantees must submit quarterly reports, thoroughly documented requests for reimbursement, and maintain their project file. Rostan will ensure that these requirements are fulfilled for each grant / program as requested.

COMPLIANCE

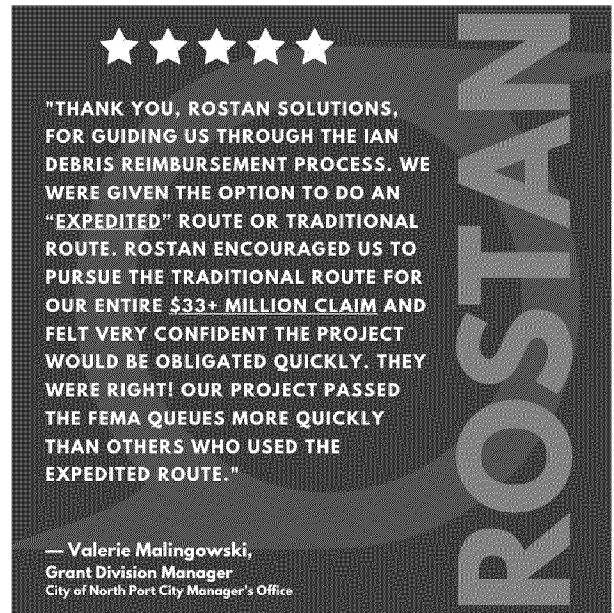
It is critical that federal aid programs comply with all Environmental, Historic, Public Health & Safety Requirements/ Legal Requirements. Rostan will work closely (training, outreach, SOPs, site visits, and desk review) with the City to ensure full compliance with all applicable laws, regulations, and other programmatic and financial requirements including all environmental, historic, and public health and safety requirements. Rostan will monitor project and grant activities, including checklists, database records, quarterly reports, site visits and conference calls to assure that all legal requirements of both programs are satisfied.

CLOSEOUT

To minimize challenges with the project close-out process, Rostan begins accounting for close-out on day one of implementation, ensuring details are not forgotten or documents misplaced by the time closeout preparation efforts begin. File review and monitoring will take place throughout the project life to minimize corrective actions at the end of a project. A project close-out process will be recommended to ensure that all contractual and programmatic requirements are satisfied. A final inspection or deliverables review is conducted after the project is 100% complete.

AUDIT ASSISTANCE

Rostan will provide audit coordination and assist the City with responding to audit findings as necessary. This will be accomplished by thorough involvement in the review of audit findings with applicable auditors. In addition, the team will be available to provide feedback on corrective action plan development. Once a corrective action plan is finalized, the team will assign staff resources to follow-up on all corrective action plan elements and timelines to ensure that audits are resolved in a timely fashion.



PA PROGRAM DELIVERY PROCESS

PHASE 1: OPERATIONAL PLANNING & APPLICANT COORDINATION

Client conducts Applicant Briefings

Rostan assists Client with preparation for briefings, if Applicable; This initial interaction is critical in determining the Applicant's needs for funding and cash flow

Requests for Public Assistance (RPA) within 30 days of Declaration

Rostan prepares request, if Applicable.

Exploratory Call

Rostan begins to determine categories of work to be claimed by developing Damage Inventory for RSM.

Recovery Scoping Meeting (RSM)

Rostan facilitates RSM meeting, identify Categories of Work being claimed.

PHASE 2: ASSESSMENTS AND ELIGIBILITY – SITE INSPECTION, DDD FORMULATION, EEI DEVELOPMENT

Conduct Site Inspections and FEMA Eligibility Assessments

Rostan Technical Team leads and coordinates Site Inspections and FEMA Eligibility Assessments to capture disaster damages for all facilities

Detailed Damage Dimension Formulation

Rostan formulates facility damage dimensions into reporting template for FEMA review and validation; Rostan consolidates damaged facilities into groups for FEMA review and adjusts the Damage Inventory

Essential Elements of Information Development

Once DDD's are formulated, Rostan populates the project's EEI questions for completion; Projects are then sent to FEMA PDMG for review/comment and Inspector validation

PHASE 3: SCOPING AND COSTING VALIDATION

Develop Project SOW and Costs

Once project's DDD and EEI are validated, Rostan plugs the validated dimensions into RSmeans (estimating software) for costing; Rostan then takes these costs to develop the project scope of work in the FEMA Cost Estimating Format (CEF); Projects are then submitted to the Consolidated Resource Center (CRC) for Obligation.

Eligibility and Compliance Reviews.

Rostan ensures that all eligible projects are properly presented and defended during reviews; this includes any Request for Information/ Determination Memo response

PHASE 4: OBLIGATION/ AWARD or APPEAL PROCESS

Obligation of Funds to the Recipient

Rostan ensures the most beneficial and expedited obligation of funds for applicant; Ensures project has movement within the FEMA Grants Portal

Appeal of Determination Memo

Rostan assists with preparedness for meeting and produces plans for a fast recovery.

PHASE 5: POST-AWARD MONITORING & AMENDMENTS

Quarterly Progress Reports; Version Requests; and Audits

Rostan Staff setup standardized approaches for monitoring projects post award

PHASE 6: FINAL RECONCILIATION & CLOSEOUT

Project Closeout (Within 180 days of work completion)

Subrecipient Closeout

Disaster Closeout

4.6 AUTOMATED DEBRIS MANAGEMENT SYSTEM [ADMS]

HAULPASS®: BACKGROUND



Following Hurricane Katrina in 2005, while on deployment for the US Army Corps of Engineers (USACE), Rostan was responsible for the management, administration, and reconciliation of more than 25 million cubic yards worth of paper load tickets. This experience challenged Rostan to develop a better, more secure, and reliable approach to debris monitoring and the immense administrative burdens that encumbered the industry's traditional approach. HaulPass® was developed and piloted to USACE in early 2006, proving to be a better approach that would become the industry benchmark for years to come.

For nearly 5 years, HaulPass® remained the singular ADMS solution in the debris monitoring services industry as competitors were slow to adapt. As a result, HaulPass® was the only ADMS to have been offered by respondents in all 11 Regions under the USACE Advanced Contracting Initiative (ACI) program and the only ADMS to be validated by the USACE in 2008. Industry competitors were soon forced to adapt or risk remaining uncompetitive in the lucrative federal marketplace.

Rostan is the exclusive provider of our proprietary HaulPass® ADMS – the most proven system in the industry. HaulPass® is so reliable and easy to use that Rostan has not utilized paper load tickets since 2008 – for any client, period.

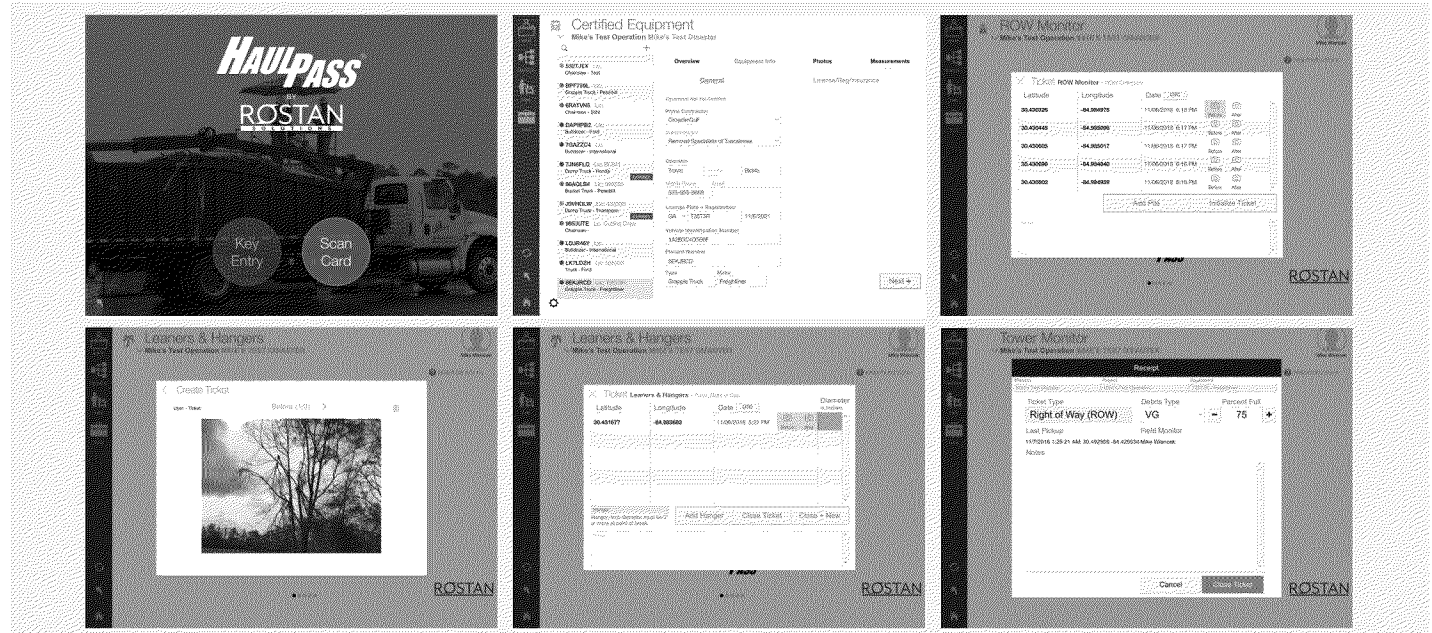
While HaulPass® in its original form remained extremely dependable until its retirement following the 2018 hurricane season, Rostan had begun a strategic rebuild to capitalize on emerging technologies and to move HaulPass® to a new operating platform to ensure its long-term viability.

The updated HaulPass® was successfully deployed on its first assignment in the fall of 2019 marking the beginning of a new era for Rostan and HaulPass®. In the years since, having been deployed on more than a dozen projects to date, the updated HaulPass® has proven to be as reliable as the original while capitalizing on new technologies to develop features maximizing cutting edge hardware and software capabilities.

HAULPASS®: SYSTEM OVERVIEW

HaulPass® combines three primary components, our field application, data systems, and the website, to provide a comprehensive operations and data management platform organized to promote efficiency and minimize administrative burdens associated with

HAULPASS® INTERFACE



federal grant programs. HaulPass® can now operate in two modes, completely connected (live) when data services are available throughout the project area, and in remote mode when connectivity may be limited, especially after a catastrophic event.

FIELD APPLICATION

Designed on the Claris/FileMaker platform, a subsidiary of Apple Inc., the HaulPass® field application includes certification interfaces, ticketing modules, tools, operations and disposal site setup, configuration menus, and administration preferences. Built exclusively for Apple iOS devices, HaulPass® was optimized specifically for iPads. Combining an iPad with an RFID reader/writer enveloped in a custom case, both produced by Infinite Peripherals, results in a hardware outfit that can run the entire field application. To produce paper receipts, HaulPass® integrates a thermal printer into select processes if necessary.

General access to the field application is restricted to authorized users only and application features including ticketing modules are further restricted based on user permission sets. The permissions structure invokes an enhanced level of control and security that was not achievable on older hardware platforms.

The field applications encompass a level of flexibility and customization options that enable HaulPass® to meet data collection demands of even the most unique projects. Supported by a full development team, HaulPass® has transitioned from a data collection and load ticketing application to an operations management platform, complete with multiple ticketing modules, equipment certifications, survey and assessment tools, and contractor damage tracking.

DATA SYSTEMS

HaulPass® is supported by a variety of data platforms that are seamlessly integrated to develop, process, transfer, store, and secure/backup data. Rostan maintains ownership and control of all data systems and storage services ensuring that we will always have access to client data.

AWS S3 and Glacier	
	Serves as the foundation for HaulPass® cloud storage needs. S3 is a secure, durable, and scalable object storage infrastructure that supports HaulPass® data storage demands for active and recent projects. Glacier is used for long-term/indefinite storage of past-project data long after it is typically needed.
MySQL	
	Serves to process and temporarily store data synchronized through MirrorSync. MirrorSync is the sync engine that communicates between the field application and MySQL. MySQL ultimately synchs with the FileMaker Database on standard process schedules.
FileMaker	
	Serves as the HaulPass® development and architectural platform and houses the primary database structure.

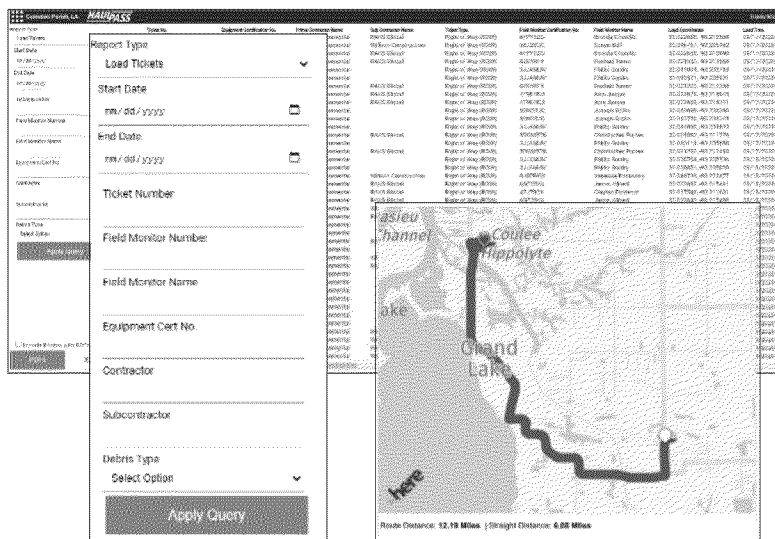
Rostan can integrate an API directly with our data systems if necessary.

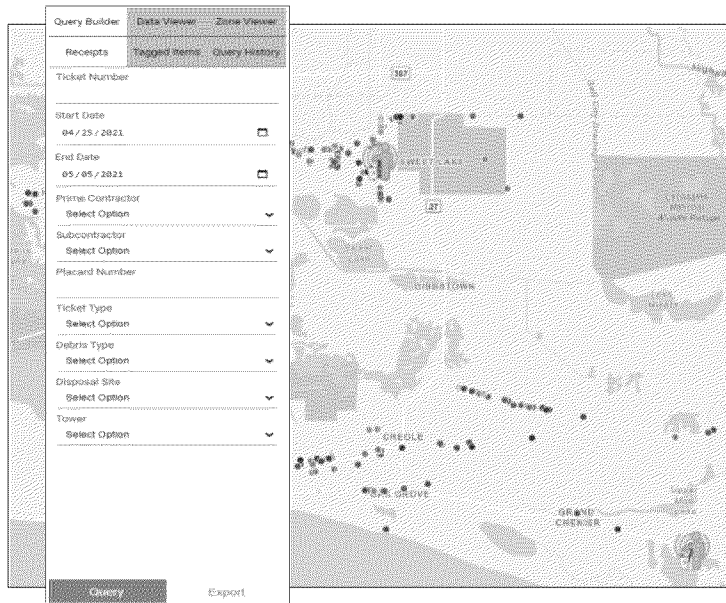
THE WEBSITE

To complement HaulPass®, Rostan has also undertaken a complete rebuild of our web interface, www.haulpass.com. The website, accessible by credentialed project stakeholders, provides users with the ability to query, export, and review data in multiple format types as well as interact with the HaulPass® GIS interface supported by ESRI/ArcGIS.

DATA ACCESS

The HaulPass® website is the primary direct access interface for project stakeholders. Project data is used to monitor work progress, review work performed and produce project reports, reconcile contractor invoices, drive operational objectives, and support reimbursement claims. HaulPass®





data is arranged in a series of standard reports and can be queried to dissect standard report data before exporting in .xlsx (Excel) or .pdf (PDF) formats. PDF records allow stakeholders to export ticket imagery that is not otherwise available in standard table format. PDF records also include a map reproduction of the pickup and disposal locations. Rostan can easily develop and make available client specific reports upon request.

MAPPING AND GIS

The HaulPass® website has an interactive GIS interface supported by ESRI/ArcGIS that is available to project stakeholders and updated as data points are generated. Queries allow users to dissect geographical data and retrieve ticket records associated with geo-points. Queries are stackable, making it easy to define a particular data subset. The map displays in traditional and satellite view and has the capacity to integrate layers for greater operational awareness.

HAULPASS®: CORE MODULES

HaulPass® core modules include two primary categories, ticketing and certifications. Certifications enables user and equipment to interact with the ticketing modules to collect data and track debris removal efforts as they occur.

CERTIFICATIONS

HaulPass® certifications include two certification types, one focused on users, and the other focused on the equipment used to remove debris.



User certifications provide credentialed employees with access to the HaulPass® system. Users are provided with role-based access to the different features, functions, and modules included within HaulPass®. Dedicated user roles enable Rostan to keep tight control over system access minimizing a user's ability to create redundant, unnecessary, or even worse fraudulent records.



Equipment certifications are required FEMA documentation and primarily serve to establish the debris carrying capacity of each truck, container, or trailer. HaulPass® completely digitizes the certification process to include photo documentation, certified measurements, and signature verification of the certifier, contractor representative, and stakeholder witness if necessary. Each piece of certified equipment is issued a HaulPass® card used to transfer load ticket and transactional data between the point of collection and the point of temporary or final disposal.



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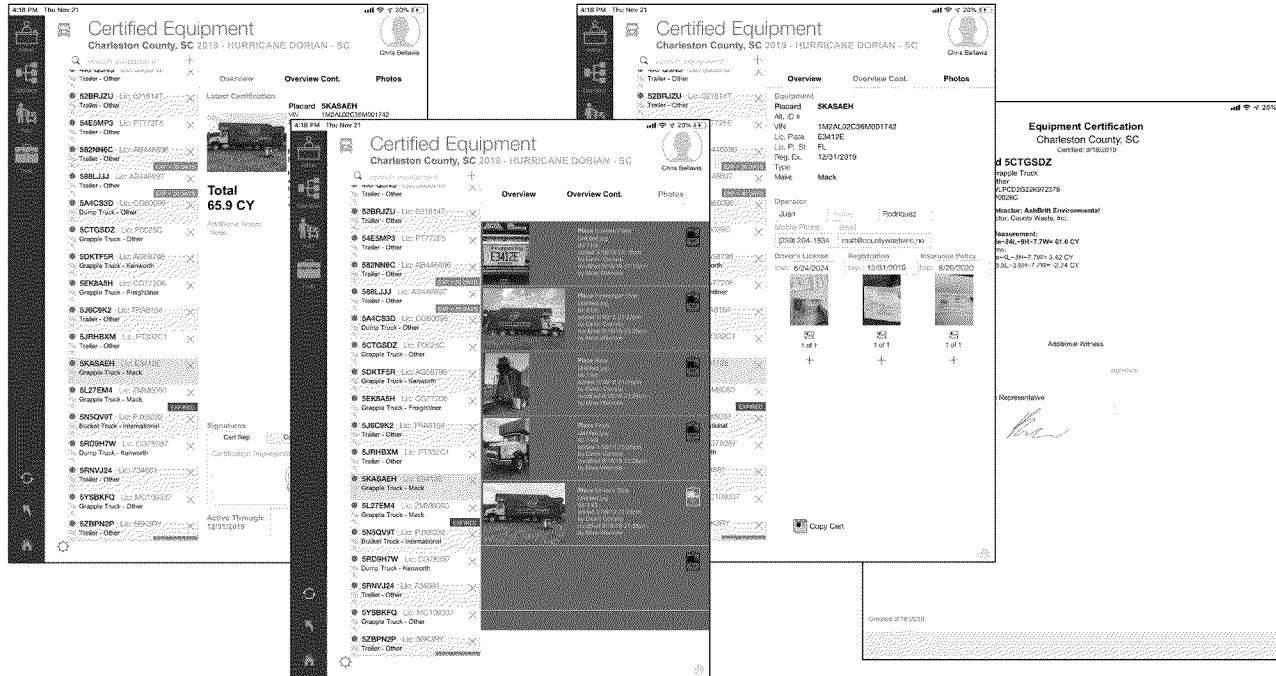
Charleston County, SC
2019 - HURRICANE DORIAN - SC

Chris Bellavia

HAULPASS

Placard # 8GQUPEQ		Equipment Certification		VIN: 1FVHC5C67H35423	
Charleston County, SC - 2019 - HURRICANE DORIAN - SC					
Contractor Information		Measurements			
PLACARD #	8GQUPEQ	Primary Measurement			
USERID #	000	Rectangle=23.0Lx9.2Wx6.4H=67.55 CY			
VIN	1FVHC5C67H35423	Modifications:			
Type	Google Truck	Rectangle=7.1Lx3.5Wx6.4H=7.86 CY			
Make	Freightliner	Trapezoid=2.75x4.5Lx4.5W=4.87 CY			
Certified Date	9/22/19	CERTIFIED CAPACITY 78.8 CY			
Contractor Information					
PRIME CONTRACTOR	DEBRISITY INC/ARCHERBELL AL				
Sub Contractor	TRX/ROX				
Active	Certified				
Notes					
Signatures					
Contractor Representative		Additional Witness		Certification Representative	
Total Images: 8					
HAULPASS A ROSTAN SOLUTIONS PRODUCT WWW.ROSTAN.COM					

Placard # 8GQUPEQ		Equipment Certification		VIN: 1FVHC5C67H35423	
HAULPASS A ROSTAN SOLUTIONS PRODUCT WWW.ROSTAN.COM					



TICKETING



HaulPass® incorporates a series of ticketing modules designed to track typical post-disaster debris streams. Ticketing modules were designed with flexibility in mind to allow for easy on-the-fly adjustment when new debris types are inevitably encountered. Primary ticketing functions include ROW debris removal and disposal, hazardous trees, stumps and limb removal, and specialized debris such as white goods and vehicles and vessels. All ticketing modules require certified users to verify each equipment certification prior to initiating a transaction-based ticket.

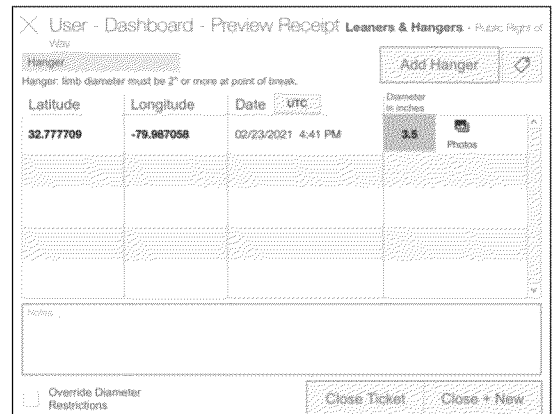
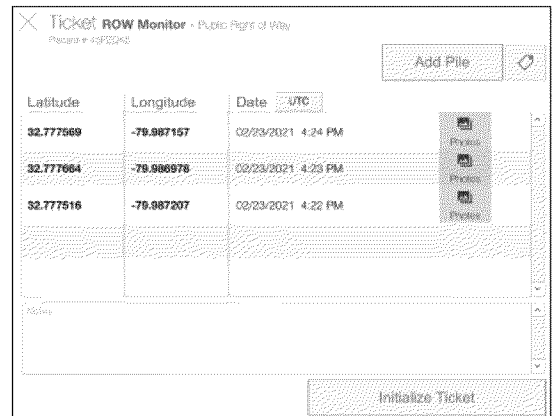
ROW MODULE

The ROW module is designed to capture equipment specific transactions that involve one or many loading locations and one disposal location. ROW transactions are generated in two parts consisting of load (field) data and disposal (tower) data that when combined create a complete ticket record. The ROW module pairs with the Tower module to complete what are primarily volume or weight-based transactions and incorporates distance and disposal-based fees that may be associated with the hauling transactions.

HAZARDOUS TREES MODULE

The Hazardous Trees module is used to document the removal of overhead hazards to include hanging limbs and trees that require complete removal. FEMA has established specific requirements for hazardous trees to include verifiable measurements and photo

documentation to prove the hazards physical relation to the ROW. Hazardous trees are treated as per unit transactions and do not require the use of the Tower module. Each transaction creates a digital ticket record which can include a paper receipt as needed.



SPECIALIZED DEBRIS MODULE

Specialized Debris modules were developed to capture less common debris streams typically produced only by the most severe disaster events. White goods (appliances) and vehicle and vessel removal are two Specialized Debris streams that require the capture of unique data points. This led to the creation of modules specifically designed to capture the necessary elements associated with each debris type.

TOWER MODULE

The Tower module pairs with all ticketing modules that required a disposal location. Authorized system users verify the hauling equipment, authorize acceptance of debris, and assign a quantity to each load received. The Tower module requires disposal site configurations which are established the HaulPass® operations setup menu. Digital ticket records are closed, and a paper receipt can be issued to the equipment operator as needed.

The screenshot shows a mobile application interface for the Tower module. It is divided into several sections: 'Equipment Information' at the top with fields for Placard (TYMALBS), License Plate (ABCDEF), Make (Petersbilt), Max Capacity (39.7 CY), Prime Contractor (TEST CONTRACTOR 2021), and Sub Contractor. Below this is 'Tower Information' with fields for Tower (Tower 1), Site Name (Folly Boat Ramp DMS), and Field Monitor (Phone #). To the right is a 'Monitor Information' section with a camera icon. The main section is 'Debris Information', which includes 'Ticket Type', 'Debris Type', 'Load Call', 'Quantity', and 'Notes'. There is also a 'Photos' section with a camera icon.

HAULPASS®: TOOLBOX

HaulPass® includes a built-in toolbox full of system enhancing features. A few of these integrated tools are discussed in greater depth below:

TAG ITEM – FEATURES



The Tag Item tool was designed to enhance operations management by enabling field users to document project aspects that aren't directly tied to ticketing functions. Each tagged item is assigned a class and requires associated data points like location, point of contact, photos, and notes. Classes include categories like contractor caused damages, missed or ineligible debris piles, and infrastructure damages. This tool has replaced traditional spreadsheets, paper documentation, emails, and has proven itself as an essential component of HaulPass®.

FEE REPORTS



One of the more critical debris removal tasks is the ability to accurately capture project costs in near-real time. This helps prevent cost overruns and ensures communities work within their budget constraints. The HaulPass® Fee Reports tool is an export function that allows Rostan to review debris hauling expenditures as needed and as they occur. Contractor fee schedules can

The screenshot shows the 'Fee Reports' form in the HaulPass application. It has a 'Selected Project' dropdown set to 'Charleston County, SC'. Below this, there are sections for 'Selected Contractor' (AshBritt Environmental) and 'Selected Date Range' (09/01/2019 to 01/01/2020). At the bottom, there are 'Clear' and 'Generate report' buttons.

This block contains two screenshots. The top screenshot shows the 'Tag Item' form, which includes fields for Class (Emergency Road Repair), Tag ID (4222032), Latitude (30.873589), Longitude (-91.504801), and a 'Notes' section with a photo of a road. The bottom screenshot shows the 'Fee Reports' form, which includes a 'Selected Project' dropdown (Charleston County, SC), a 'Selected Contractor' dropdown (AshBritt Environmental), and a 'Selected Date Range' (09/01/2019 to 01/01/2020).

be added to HaulPass® data tables allowing ticket data to query the fee schedule and produce associated hauling costs. Fee reports are validated and upon approval become the supporting documentation for invoice reconciliation and reimbursement requests.

SURVEYS – TYPES



HaulPass® has two built-in Survey tools each with a distinct function set. The first survey type is utilized to establish debris removal needs and/or to verify debris removal completion. This survey tool creates a bread crumb trail of verified debris locations, debris types, and estimated quantities. Images may also accompany each survey record. This operational tool can be used to support preliminary damage assessments and damaged inventory submittals, as well as verify debris has been removed from remaining areas near the end of a debris collection project. The second survey type focuses on property or parcel surveys and is integrated with the Parcels app to establish a need for debris removal from private property under the FEMA PPDR program.

The HaulPass® toolbox is continually adapting to incorporate new features aimed at expediting recovery through efficient design and simplicity of use.

HAULPASS®: HARDWARE

One of the key considerations made while updating HaulPass® was streamlining the system's hardware requirements. The new system is a slimmed down version of the original, supported by strong vendor relationships that enable Rostan to procure additional hardware and supplies as needed to support project efforts.



HARDWARE

Rostan maintains on-hand and in a ready state sufficient equipment to supply more than 400 field personnel with HaulPass® equipment. We maintain strong vendor accounts with our major hardware providers and can secure additional hardware in less than 48 hours. In more than 15 years providing ADMS as a service we have never delayed a project or have been unable to properly service a client due to hardware shortages.

CONSUMABLES

While HaulPass® is now capable of running entirely digitally in a connected environment, smart cards remain integral to HaulPass® ability to run in a non-connected environment. We source our smart cards, which are now contactless, factory direct, purchasing them 10,000 at a time. We currently have several years' worth of smart cards in inventory.

HaulPass® is designed to produce thermal paper receipts for load tickets if necessary. We keep on-hand enough paper products to produce 100,000 load tickets with more available on short notice. HaulPass® is not dependent on paper and can run completely paperless. Rostan has integrated an email function whereby emails are sent to contractors containing PDFs of load ticket receipts.

HAULPASS®: EXPORTS & REPORTS

HaulPass® is the data collection engine that drives all Rostan reporting. From singular ticket exports to daily operational summaries, Rostan utilizes HaulPass® data to develop components of every project deliverable. Sample exports and reports are included below.

HAULPASS® INDIVIDUAL TICKET .PDF EXPORT

Ticket ID: BW74MMY Equipment Certification: 8MV85L2 Ticket Date/Time (UTC): 2/7/2021 8:52:53 PM	
Mission Name 2020 - Hurricane Laura - LA/Cameron Parish, LA	
TICKET ID BW74MMY	
Contractor Information CERTIFICATION ID: 8MV85L2 Prime Contractor: Ceres Environmental Sub Contractor: Wilson Construction Certified Capacity: 35.7 CY	
Load Information Field Monitor: Lucas Foster Monitor ID: 9UTN35W Ticket Type: Right of Way (ROW) Pickup Count: 2 Load Coordinates: 29.996128, -93.357930 Load Time (UTC): 2/7/2021 9:27:35 PM	
Disposal Information Tower Monitor: Desiree Williams Monitor ID: 6YNK8JC Site Name: CWM debris disposal site Site Coordinates: 30.121401, -93.401092 Disposal Time (UTC): 2/8/2021 1:16:41 PM Debris Type: C&D Load Call: 90 %	
QUANTITY 32.1 CY	No Scale Receipt Images have been added to this Ticket.
HAULPASS A ROSTAN SOLUTIONS PRODUCT WWW.ROSTAN.COM	

Ticket ID: BW74MMY Equipment Certification: 8MV85L2 Ticket Date/Time (UTC): 2/7/2021 8:52:53 PM	
1 Pickup Location: 29.991182, -93.359021	
Before	After
2 Pickup Location: 29.996128, -93.35793	
Before	After
HAULPASS A ROSTAN SOLUTIONS PRODUCT WWW.ROSTAN.COM	

HAULPASS® RECEIPT EXPORT

Charleston County... 2019 - Hurricane Dorian -	TICKET ID 8KPHPUF
Contractor Information	
Certification ID	724XEQE
Prime	AshBritt Environmental
Sub	Beeghly Tree, LLC
Load Information	
Monitor ID	6J293F4
Ticket Type	Right of Way (ROW)
Load Coordinates	32.741163, -80.241524
Load Time (UTC)	9/11/2019 14:52
Disposal Information	
Monitor ID	3ZRBVAX
Site Name	Hyde Park Road DMS
Tower Coordinates	32.816010, -80.258294
Disposal Time (UTC)	9/11/2019 15:21
Debris Type	VEG
Certified Capacity	72.4 CY
Load Call	70%
Calculated Quantity	50.7 CY
TICKET COPY	
A ROSTAN SOLUTIONS PRODUCT WWW.HAULPASS.COM WWW.ROSTAN.COM	

Charleston County... 2019 - Hurricane Dorian -	TICKET ID 48H2XWC
Contractor Information	
Certification ID	7DX4FJE
Prime	AshBritt Environmental
Sub	Tri-Rivers
Ticket Information	
Monitor ID	3KDFRM6
Ticket Type	Hanger
Load Coordinates	32.745113, -79.935474
Load Time (UTC)	9/28/2019 21:11
Unit Quantity	1.0
Notes	
TICKET COPY	
A ROSTAN SOLUTIONS PRODUCT WWW.HAULPASS.COM WWW.ROSTAN.COM	

Charleston County... 2019 - Hurricane Dorian -	TICKET ID 7YG89V9
Contractor Information	
Certification ID	6Z7SHY7
Prime	AshBritt Environmental
Sub	Beeghly Tree, LLC
Ticket Information	
Monitor ID	FVFFX96
Ticket Type	Leaner
Load Coordinates	32.751299, -80.077336
Load Time (UTC)	10/5/2019 14:41
Unit Quantity	1.0
Unit Diameter	17.1 in
Notes	
TICKET COPY	
A ROSTAN SOLUTIONS PRODUCT WWW.HAULPASS.COM WWW.ROSTAN.COM	

DAILY OPERATIONAL REPORT

ROSTAN


LYON COUNTY, KY Debris Management Day Report
 JANUARY 23, 2022 SEVERE STORMS/TORNADOES | FEMA DR-4630

48°
TODAY'S WEATHER

4,137.2 CY
TODAY'S VOLUME

76
TODAY'S LOADS

28
DAY OF OPERATIONS

DEBRIS MONITORING SUMMARY
 Tornado debris removal operations commenced at 0700 in Lyon County today. Representatives from Rostan and Promise Land Tree Service (Promise Land) met prior to commencing field operations to outline the daily operating plan and discuss health and safety best practices. 7 hauling units were utilized throughout the day to remove and properly dispose of debris from designated Rights-of-Way (ROWs). Each Promise Land crew was accompanied by at least 1 Rostan representative ensuring that debris was removed from eligible locations.

There were no incidents to report.

DEBRIS MONITORING SUMMARY
 Promise Land utilized 7 certified hauling units to remove tornado debris from eligible ROWs. Removal efforts on deconstruction (C&D) and vegetative debris.

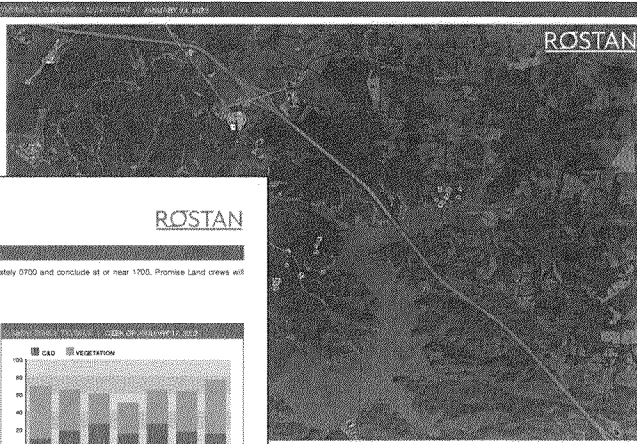
HAULING SCHEDULE
 Rostan personnel were assigned to monitor and document work performed by Promise Land along designated at the KY 62 Storm DMS. Staffing levels were determined based on the anticipated work plan. This included and supervisory staff.

DEBRIS MONITORING SUMMARY
 Promise Land crews cleared tornado debris from the following locations:

Armstrong Road	Holiday Hill Drive	Raney Road
Barnett Road	Mountain View Road	State Route 750


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ROSTAN



DEBRIS MONITORING SUMMARY
 Debris Removal Operations are expected to commence at approximately 0700 and conclude at or near 1700. Promise Land crews will monitor with Rostan personnel prior to departing for the field.

DEBRIS MONITORING SUMMARY - COUNTY ROADS - C&D

DEBRIS MONITORING SUMMARY - COUNTY ROADS - C&D	LOADS TODAY	TOTAL LOADS	DEBRIS ACCEPTED TODAY (CUBIC YARDS)	DEBRIS ACCEPTED TOTAL (CUBIC YARDS)
KY 62 STORM DMS	8	429	343.00	23,312.00
PROJECT TOTALS: COUNTY ROADS - C&D	8	429	343.00	23,312.00

DEBRIS MONITORING SUMMARY - COUNTY ROADS - VEGETATIVE

DEBRIS MONITORING SUMMARY - COUNTY ROADS - VEGETATIVE	LOADS TODAY	TOTAL LOADS	DEBRIS ACCEPTED TODAY (CUBIC YARDS)	DEBRIS ACCEPTED TOTAL (CUBIC YARDS)
KY 62 STORM DMS	40	978	1,889.00	52,912.00
PROJECT TOTALS: COUNTY ROADS - VEGETATIVE	40	978	1,889.00	52,912.00

DEBRIS MONITORING SUMMARY - STATE ROADS - C&D

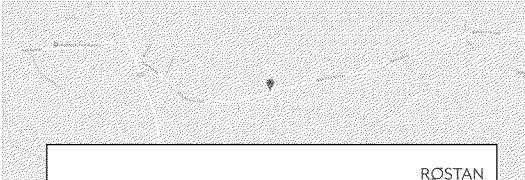
DEBRIS MONITORING SUMMARY - STATE ROADS - C&D	LOADS TODAY	TOTAL LOADS	DEBRIS ACCEPTED TODAY (CUBIC YARDS)	DEBRIS ACCEPTED TOTAL (CUBIC YARDS)
KY 62 STORM DMS	7	7	436.00	436.00
PROJECT TOTALS: STATE ROADS - C&D	7	7	436.00	436.00

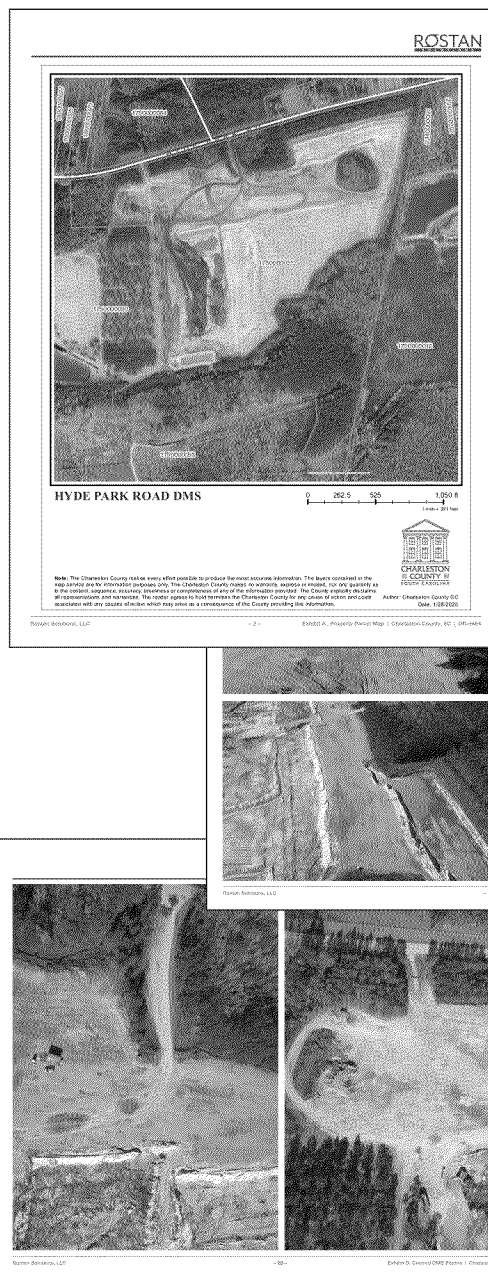
DEBRIS MONITORING SUMMARY - STATE ROADS - VEGETATIVE

DEBRIS MONITORING SUMMARY - STATE ROADS - VEGETATIVE	LOADS TODAY	TOTAL LOADS	DEBRIS ACCEPTED TODAY (CUBIC YARDS)	DEBRIS ACCEPTED TOTAL (CUBIC YARDS)
KY 62 STORM DMS	21	21	1,441.00	1,441.00
PROJECT TOTALS: STATE ROADS - VEGETATIVE	21	21	1,441.00	1,441.00


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ROSTAN DMS CLOSURE REPORT

 CHARLESTON COUNTY SOUTH CAROLINA	 ROSTAN HAULPASS HAULING • DUMPING • GRINDING • DISPOSAL																	
CHARLESTON COUNTY, SC Debris Management Site Report																		
HURRICANE DORIAN FEMA DR-4464																		
HYDE PARK ROAD DMS																		
6381 Hyde Park Rd. Adams Run, SC 29470	32.817028, -80.257787	1750000031																
ADDRESS	GPS LOCATION	PARCEL IDENTIFICATION																
HYDE PARK ROAD DMS ACTIVITY SUMMARY		EXHIBITS																
A South Carolina Department of Health and Environmental Control (DHEC) approval letter was issued on September 9, 2019 allowing for the consolidation and temporary storage of vegetative debris resulting from Hurricanes Dorian at Hyde Park Road DMS. Onsite operations commenced September 10, 2019. The final day of night-of-way debris hauling into Hyde Park Road DMS was October 28, 2019.		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Exhibit A</th> <th style="text-align: right;">PAGE</th> </tr> </thead> <tbody> <tr> <td>Property Parcel Map</td> <td style="text-align: right;">2</td> </tr> <tr> <td>Exhibit B Permits</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Exhibit C Clearance Acknowledgement</td> <td style="text-align: right;">16</td> </tr> <tr> <td>Exhibit D Cleared DMS Photos</td> <td style="text-align: right;">17</td> </tr> <tr> <td>Exhibit E DMS Load Locations</td> <td style="text-align: right;">21</td> </tr> <tr> <td>Exhibit F HaulPass® Load Tickets</td> <td style="text-align: right;">22</td> </tr> <tr> <td>Exhibit G HaulPass® Final Disposal Tickets</td> <td style="text-align: right;">100</td> </tr> </tbody> </table>	Exhibit A	PAGE	Property Parcel Map	2	Exhibit B Permits	3	Exhibit C Clearance Acknowledgement	16	Exhibit D Cleared DMS Photos	17	Exhibit E DMS Load Locations	21	Exhibit F HaulPass® Load Tickets	22	Exhibit G HaulPass® Final Disposal Tickets	100
Exhibit A	PAGE																	
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Exhibit D Cleared DMS Photos	17																	
Exhibit E DMS Load Locations	21																	
Exhibit F HaulPass® Load Tickets	22																	
Exhibit G HaulPass® Final Disposal Tickets	100																	
OPERATIONS SCHEDULE																		
In general, operations at Hyde Park Road DMS occurred on a 7-day per week schedule, 0700 – 1900 hours.																		
DEBRIS TOTALS																		
A grand total of 4,365 truckloads of vegetative debris were brought into Hyde Park Road DMS, totaling 216,711.88 cubic yards of debris.																		
FINAL DISPOSITION																		
Vegetative debris at Hyde Park Road DMS was reduced to mulch by grinding. The mulch reached final disposition at Spring Grove Landfill in Vandon, SC. A grand total of 727 loads of mulched vegetative debris totaling 20,444.43 tons was disposed of at the landfill.																		
																		
 ROSTAN HAULPASS HAULING • DUMPING • GRINDING • DISPOSAL																		

[illegible]

HAULPASS®: SUPPORTING APPLICATIONS

Though HaulPass® remains Rostan's primary debris monitoring data collection platform, Rostan has continued to expand our service offerings by developing complementary supporting applications that provide added value and enhance our ability to provide cost-effective services. A brief overview of these applications is provided below.

PARCELS

Parcels is a HaulPass® expansion dedicated to documenting the FEMA Private Property Debris Removal (PPDR) Process. Aptly named, Parcels mirrors the FEMA administrative checklist designed to ensure administrative and operational compliance when working under the PPDR program. Parcels serves as a standalone application that integrates with the HaulPass® Survey tool and ticketing modules, consolidating property documentation into a user-friendly interface and creating a reimbursement ready property portfolio.

Some of Parcels features include:

USER-BASED LOGIN ACCESS
Access to data collected is restricted due to document sensitivity and privacy concerns. This data will be collected on behalf of the City and will be shared with verified stakeholders only upon approval by City officials. Furthermore, user roles can be restricted to read only disabling the ability of a user to change data.
DATA INTEGRATION
Rostan can integrate external data sets into its database. Rostan has developed several API calls to interact with our data platforms.
SITE PROFILES
Field evaluations are responsible for identifying sites or potential sites that may require PPDR/Demolition work. The creation of a site profile creates a unique ID number and initiates a system of checkpoints. When the physical PPDR/Demolition work is complete, the Site profile will be updated to include additional elements and provide a Site closeout checklist. Site profiles are the blueprint for each site and are integral to the recovery operation.
TASKING
Tasking allows users, such as the City, to assign a task to a Rostan representative. A task might be simple like “Mr. Johnson has her insurance certificate but is unable to mail it. Can you send someone to retrieve it from 1324 West Apple Street please?” This feature allows users in-app communication and reduces the use of external emails and other forms of communication resulting in increased operational continuity.
DIGITAL RECORD KEEPING/FILE MANAGEMENT
Though paper records are often necessary, we digitize as many aspects of the PPDR/Demolition process as possible. This means creating a digital record for each site and managing associated documents. Site specific digital records may include photographs, maps, load tickets, ROE forms, utility letters, occupancy notices, etc. These digital records are updated daily and mirror the field folder. Digitizing records allows multiple users to access the same file simultaneously and increases operational and logistical efficiency. At the end of the project Rostan will turn over all original documents and a digital record of each site to the City.
EXPORTS/REPORTS
All data collected can be queried to provide reports and meet reporting requirements of the City. Typically, we generate a broad project status report and provide .CSV or Excel files for download.
CONFIGURABILITY
Parcels can be tailored to meet specific City needs. Whether it is added functionality like user configurable reports or a change as simple as where a link is on a page, we will make every effort to accommodate these requests.

CAPTURE

Capture is an infrastructure assessment platform that was added to augment Rostan’s long-term recovery service offerings. Capture performs a similar function to the HaulPass® Survey tool but with a focus on defining damages and producing reports consistent with the FEMA damage, description, and dimensions template.

RESOURCES

Resources converges human resources with inventory management to reduce paperwork requirements and capture labor utilization in a format compatible with Rostan’s accounting and payroll systems. This application brings administrative efficiencies and serves to support Rostan invoicing in a manner compliant with the reimbursement guidelines and governing policies that apply to debris monitoring services. While most of the Resources functions are internal to Rostan, the City will realize a benefit during project worksheet development, obligation, and reimbursement requests.

Lot Number	Direction	Street Name	Street Type
98	00	Completion Lane	000001

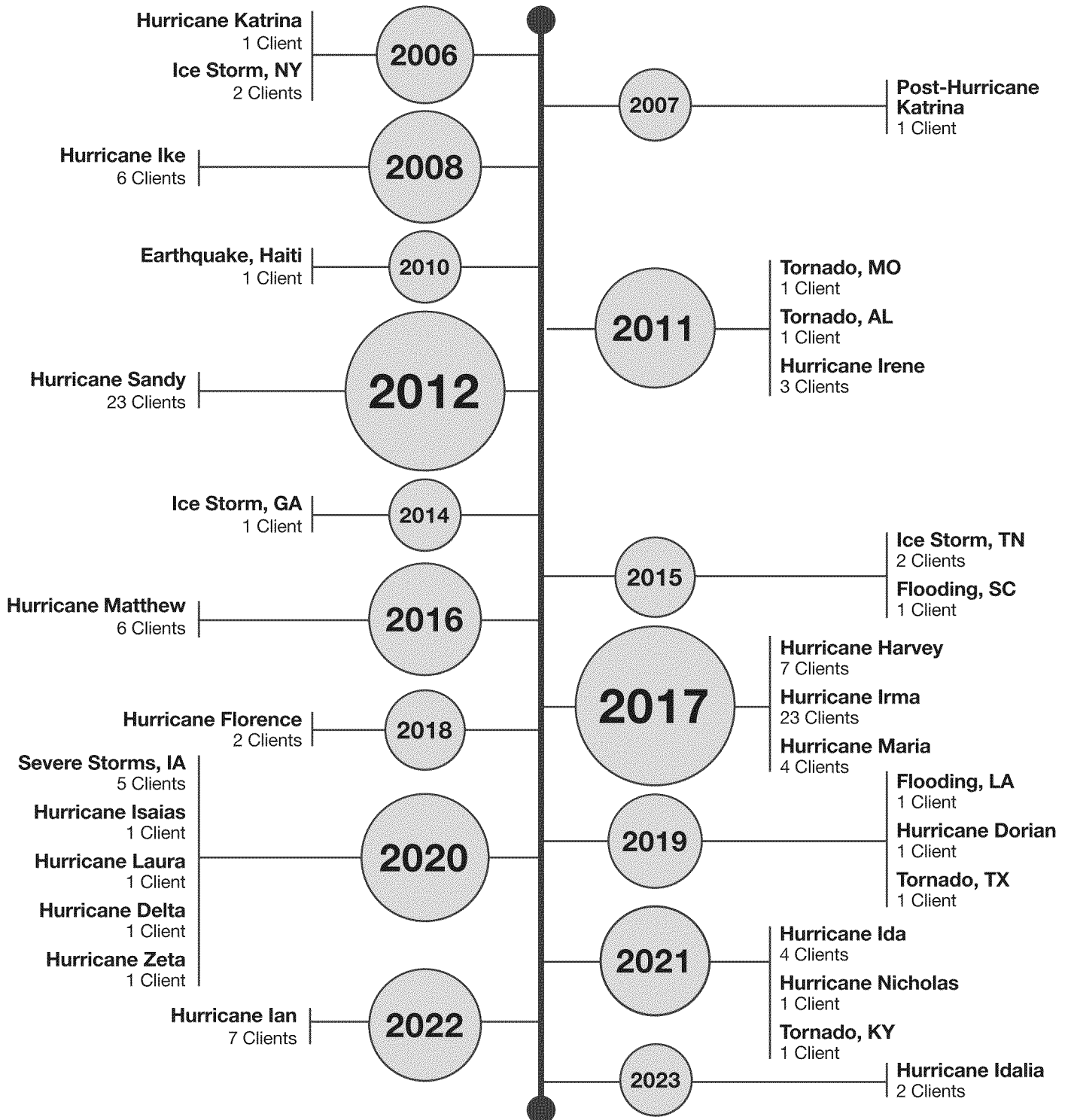
City	State	Zip
000000	00	00000

First Name	Last Name	Phone	Email
000000	000000	0000000000	000000@000000.com

Parcel ID	Address	Status	Actions
T121-00001	98 Completion Lane Kalamazoo, MI 49001	Active	
T121-00002	123 Sesame Street New York, NY 10049	Work Complete	
T121-00022	Main Charlotte, NC 28211	Active	
T121-00004	111 Water St. Charlotte, NC 28211	Withdrawn	

A PROVEN PRODUCT

HaulPass® has been successfully deployed uninterrupted and without failure since 2006. Deployed in response to some of the most devastating natural disasters in history, the HaulPass® resume and proven reliability in the hands of a veteran debris removal monitoring team has established it as the industry's most trusted ADMS system. We would welcome the opportunity to provide the City with a thorough demonstration and incorporate any feedback on how we can customize our digital platforms to best meet the needs of the City. We can also pre-certify City force account equipment that may be utilized in response to a future debris recovery project.



**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

Agenda Report

Issue Considered: Rowland, Inc. 2605 Sunset Way Manhole Ring and Cover Replacement

Strategic Objective: Infrastructure

Date: May 14, 2024

Prepared By: Mike Clarke, Public Works Director

Through: Wayne Saunders, Interim City Manager

Summary of Issue: In August 2023, the City mobilized its emergency sewer repair contractor, Rowland, Inc., to repair sewer laterals affected by a sewer backup near the 26th Ave and Sunset Way intersection. However, while performing the repair, Rowland, Inc. found conflicting utilities, including gas, water, power, and reclaimed water. In an effort to restore sewer service, repairs were made as a temporary solution.

Upon completion of the emergency repair, the City determined that the end-of-line cleanout, located at 2605 Sunset Way, should be replaced with a shallow manhole alternative to facilitate future repairs and to separate residential laterals to mitigate the impact of one problem impacting a neighboring property. The City and Rowland, Inc. began researching shallow manhole alternatives; however, due to the high water table, the City ultimately determined a traditional shallow manhole would be best.

On April 14, 2024, the City issued a purchase order to Rowland, Inc. for the work in the amount of \$24,466.00 to convert the end-of-line cleanout to a manhole. On April 19, 2024, Rowland, Inc. mobilized to begin work and found that the conflicting utilities hampered the intended placement of the manhole and would not resolve the cross-connected laterals.

On April 22, 2024, Rowland, Inc. provided a revised quote for the work in the amount of \$45,619.00. This scope expansion includes modification of MOT (items 10, 14, and 15), elimination of cross-connected laterals (item 42), removal of

abandoned clay lateral (item 150) and installation of replacement PVC lateral (item 49), and installation of right-of-way cleanouts for each affected residence (from one to three, item 161).

Funding: Wastewater Fund – Inflow & Infiltration Program (101-5633)

Requested Motion: “I move to approve the updated project cost for Manhole Ring and Cover Replacement at 2605 Sunset Way by Rowland, Inc. in the amount of \$45,619.00 (additional \$21,153.00).”

Attachment:

1. Rowland, Inc. Quote for 2605 Sunset Way Manhole Ring and Cover Replacement
2. Rowland, Inc. Revised Quote for 2605 Sunset Way Manhole Ring and Cover Replacement

City of St. Pete Beach

Manhole Ring & Cover Replacement

Bid Item	Description	Quantity	Unit	Unit Price	Total
1	MOBILIZATION FOR ROUTINE RESPONSE	1	EA	4,125.00	4,125.00
10	SIGNS IN WORK ZONES	10	EA / DY	2.00	20.00
15	BARRICADES TYPE I OR II, WITH WARNING LIGHTS	20	EA / DY	2.00	40.00
148	Replace PVC Cleanout with Manhole Structure	1	EA	5,100.00	5,100.00
161	6" PIPE - INSTALL OR ADJUST SERVICE LATERAL 0'-6' DEEP	1	EA	3,426.00	3,426.00
272	INITIAL EXCAVATION - 0'- 6' DEEP	1	EA	9,811.00	9,811.00
343	ROADWAY BASE, CRUSHED CONCRETE/GRADED AGGREGATE,	5	CY	174.00	870.00
344	SUPERPAVE ASPHALT BASE, TYPE B 12.5, VARIABLE THICKNES	3	TN	358.00	1,074.00
					24,466.00

City of St. Pete Beach

2605 Sunset manhole structure install revised 2

Bid Item	Description	Quantity	Unit	Unit Price	Total
1	MOBILIZATION FOR ROUTINE RESPONSE	1	EA	4,125.00	4,125.00
10	SIGNS IN WORK ZONES	4	EA / DY	2.00	8.00
14	BARRICADES TYPE III, WITH WARNING LIGHTS	10	EA / DY	8.00	80.00
42	6" PVC PIPE, C-900 DR 18 (GRAVITY SEWER) 0' - 6' DEPTH	10	LF	82.00	820.00
49	8" DI PIPE, CL 350 (GRAVITY SEWER) 0' - 6' DEPTH	45	LF	123.00	5,535.00
148	Replace PVC Cleanout with Manhole Structure	1	EA	5,100.00	5,100.00
150	REMOVE PIPE 6" or 8" (GRAVITY SEWER)	40	LF	79.00	3,160.00
161	6" PIPE - INSTALL OR ADJUST SERVICE LATERAL 0'-6' DEEP	3	EA	3,426.00	10,278.00
272	INITIAL EXCAVATION - 0'- 6' DEEP	1	EA	9,811.00	9,811.00
343	ROADWAY BASE, CRUSHED CONCRETE/GRADED AGGREGATE,	20	CY	174.00	3,480.00
344	SUPERPAVE ASPHALT BASE, TYPE B 12.5, VARIABLE THICKNES	9	TN	358.00	3,222.00
					45,619.00

**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

Agenda Report

Action Request: Request authorization for the City Manager to sign a contract expenditure amount of \$89400 for the renewal and upgrade of our fiber circuit contract with Frontier.

Strategic Objective:

Date: May 14, 2024

Prepared By: Candyce Galloway

Through: Wayne Saunders, Interim City Manager

Summary of Issue: The current circuit has had problems as of late causing some service slow downs with internet connectivity. This connectivity not only serves as our general internet connection but it also serves as our primary connection to all cloud software services at the city. Coupled with the recent slow downs we have experienced, we are also about to implement some of our key infrastructure reliability projects, ie. the VoIP phone system. This system absolutely requires a stable fiber connection with enough bandwidth to support both voice and data traffic. Frontier is the existing partner that we intend to renew our circuit contract with. This renewal is the same as the prior contract term of 60 months. This allows us to keep some level of discount applied to our contract.

Funding: Funds for the fiber circuit upgrade for year one are budgeted and will come from IT: Improvements account 301.0060. The cost for the year one upgrade is \$17,880
The total value of the contract for the 60-month term is \$89,400.

Attachments:

1. City of St Pete Beach - 2G Frontier Circuit Upgrade 60 Months

CITY OF ST. PETE BEACH, FLORIDA
SERVICES AGREEMENT

Ethernet Internet Access

This is an Agreement (the "Agreement") entered into by and between the **CITY OF ST. PETE BEACH** (hereinafter "City") and FRONTIER COMMUNICATIONS OF AMERICA, INC. (hereinafter "Contractor"). The City and Contractor together shall be referred to as the "parties."

WHEREAS, The City properly issued a Request for Bids, attached and incorporated hereto as Exhibit "B" and the City Commission authorized the selection of Contractor at its **05/14/2024** public hearing.

WHEREAS, City desires to purchase from Contractor the services described in this Agreement.

WHEREAS, Contractor is in the business of providing the services described herein, and has submitted an appropriate proposal to the City to provide the same.

WHEREAS, this Agreement has been properly approved by the appropriate authority of the City and the Contractor.

NOW, THEREFORE, upon the mutual covenants contained herein, and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the parties hereto hereby agree to the following:

1. Recitals. The foregoing recitals are true and correct and incorporated herein by reference.
2. Public Records. The Contractor shall abide by the legal requirements set forth in Florida Statutes, Section 119.0701 and incorporated herein as Exhibit A. **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTORS' DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (City Clerk, City of St. Pete Beach, Florida, 727-363-9220, cityclerk@stpetebeach.org, 155 Corey Avenue, St. Pete Beach, Florida 33706).**
3. Employment Eligibility. The Contractor shall comply with all local, state and federal directives, orders and law as applicable to the contract. Beginning January 1, 2021, every public employer, contractor, and subcontractor shall register with and use the E-Verify system to verify the work authorization status of all newly hired employees. A public employer, contractor, or subcontractor may not enter into a contract unless each party to the contract registers with and uses the E-Verify system under 448.095, Fla. Stat.

a. Contractor agrees to comply with all applicable portions of Fla. Stat. 448.095. Contractor must use the U.S. Department of Homeland Security's E-Verify System, <https://e-verify.uscis.gov/emp> to verify the employment eligibility of all employees hired on or after January 1, 2021, during the term of this Agreement.

b. Subcontractors (i) Contractor shall also require all subcontractors performing work under this Agreement to use the E-Verify system for any employees they may hire during the term of this Agreement; (ii) Subcontractors shall provide Contractor with an affidavit stating the subcontractor does not employ, contract with, or subcontract with an unauthorized alien, as defined by Fla. Stat. 448.095; (iii) Contractor shall provide a copy of such affidavit to the City upon receipt and shall maintain a copy for the duration of the Agreement.

c. Contractor must provide evidence of compliance with Fla. Stat. 448.095 by January 1, 2021. Evidence may consist of, but is not limited to, providing notices of Contractor's E-Verify number.

d. Failure to comply with this provision is a material breach of the Agreement, and the City may choose to terminate the Agreement at its sole discretion. Contractor may be liable for all costs associated with the City securing the same services, inclusive, but not limited to, higher costs for the same services and rebidding costs, if necessary. Any challenge to termination under this provision must be filed in the Circuit Court no later than 20 calendar days after the date of termination. If this agreement is terminated for a violation of the statute by the Contractor, the Contractor may not be awarded a public agreement for a period of one (1) year after date of termination.

4. Scope of Services. The Contractor must perform all work for the City required by the contract documents as set forth below:

- a. Contractor will furnish all labor, materials, and equipment necessary as indicated in the Request for Bids (Exhibit B) in the amount of \$89,400.
- b. Contractor must supervise the work force to ensure that all workers conduct themselves and perform their work in a safe and professional manner. Contractor must comply with all OSHA safety rules and regulations in the operation of equipment and in the performance of the work. Contractor must at all times have a competent field supervisor on the job site to enforce these policies and procedures at the Contractor's expense.
- c. Contractor will provide the City with seventy-two (72) hours written notice prior to the beginning of work under this Agreement and prior to any schedule change with the exception of changes caused by inclement weather.
- d. Contractor must comply with any and all Federal, State, and local laws and regulations now in effect, or hereinafter enacted during the term of this Agreement, which are applicable to the Contractor, its employees, agents or subcontractors, if any, with respect to the work and services described herein. The Contractor further warrants that there has been no violation of copyrights or patent rights either in the United States of America or in foreign countries in connection with the work of the contract.

- e. Contractor warrants to the City that all goods and materials furnished under the contract will be new unless otherwise specified and that contractor possesses good, clear, and marketable title to said goods and there are no pending liens, claims, or encumbrances whatsoever against said goods. All work not conforming to these requirements, including substitutions not properly approved and authorized may be considered defective. Contractor further warrants that all goods, materials and workmanship furnished, whether furnished by the Contractor or its subcontractors and suppliers, will comply with the specifications, drawings and other descriptions supplied or adopted. Last, Contractor warrants all material and workmanship for a minimum of (1) year from date of project completion and acceptance by the City. If within one (1) year after acceptance by the City, or within such larger period of time as may be prescribed by law any of the work is found to be defective or not in accordance with the contract documents, the Contractor will, after receipt of a written notice from the City to do so, promptly correct the work.
5. Damages. Time is of the essence in the performance of this Agreement. City shall be entitled to liquidated damages in the amount of \$500 per day, for each day after the date set forth in paragraph 10, that Contractor has failed to properly and completely deliver all goods or provide all service specified herein. The Contractor specifically acknowledges that the foregoing sum is reasonable and does not constitute a penalty.
6. Remedies.
- a. Damages. The City reserves the right to recover any ascertainable actual damages incurred as a result of the failure of the Contractor to perform in accordance with the requirements of this Agreement, or for losses sustained by the city resultant from the Contractor's failure to perform in accordance with the requirements of this Agreement.
 - b. Correction of Work. If, in the judgment of the City, work provided by the Contractor does not conform to the requirements of this Agreement, or if the work exhibits poor workmanship, the city reserves the right to require that the Contractor correct all deficiencies in the work to bring the work into conformance without additional cost to the City, and/or replace any personnel who fail to perform in accordance with the requirements of this Agreement. The City is the sole judge of non-conformance and the quality of workmanship.
7. Waiver of Liens. Prior to final payment of the Contract Sum, a final waiver of lien must be submitted by all suppliers, subcontractors, and/or Contractors who worked on the project that is the subject of this Agreement.
8. Warranties.
- a. Warranty of Title. Contractor warrants to the City that all goods and materials furnished under the contract will be new unless otherwise specified and that Contractor possesses good, clear, and marketable title to said goods and there are no pending liens, claims, or encumbrances whatsoever against said goods. All work not conforming to these requirements, including substitutions not properly approved and authorized may be

considered defective.

- b. Warranty of Specifications. The Contractor warrants that all goods, materials, workmanship furnished, whether by the Contractor or its subcontractors and suppliers, will comply with the specifications, drawings and other descriptions supplied or adopted.
 - c. Warranty of Merchantability. The Contractor warrants all material and workmanship for a minimum of one (1) year from date of project completion and acceptance by the City. If within one (1) year after acceptance by the city, or within such larger period of time as may be described by law any of the work is found to be defective or not in accordance with the contract documents, the Contractor must after receipt of a written notice from the City to do so, promptly correct the work unless the City has previously given the Contractor a written acceptance of such condition.
9. Completion Date. Contractor shall provide the services, described herein to be completed within the first 12 months of the agreement.
10. Term. This Agreement will remain in effect for a period of (5) Five Years from the Effective Date.
11. Effective date. The “Effective Date” of this Agreement shall be the date this Agreement has been executed by all parties.
12. Termination. This Agreement may be canceled by the City when:
- a. Sufficient funds are not available to continue its full and faithful performance to the Agreement.
 - b. Sub-standard or non-performance of Agreement.
 - c. The City wishes to terminate the Agreement at any time and for any reason, upon giving thirty (30) days prior written notice to the Contractor.
13. Fiscal Non-funding. If funds for the requested services described herein are not appropriated via the annual budget adoption process, the City reserves the right to cancel the Agreement immediately upon written notice to the Contractor.
14. Non-Exclusivity. Contractor acknowledges that the City may enter into agreements with other consultants or may have its own employees complete the work for services similar to the services that are subject to this Agreement.
15. Compensation. Upon Contractor's satisfactory full performance of the services or in accordance with the payment schedule provided in the attached proposal, City shall pay Contractor, as full consideration for services provided in this Agreement and more specifically in Exhibit B.
16. Insurance. To the extent that this Agreement requires Contractor to provide any services of any kind, Contractor and all of Contractor's subcontractors shall maintain public liability insurance in a combined single limit for bodily injury and property damage in the amount

of not less than \$1,000,000.00, satisfactory to the City Manager, naming the City as an additional insured and providing coverage up through and including the final performance of any services provided herein. Contractor and all of Contractor's subcontractors shall maintain in full force and effect a policy of worker's compensation insurance for all of Contractor's employees in accordance with applicable state and federal law. Said insurance coverage shall include employer's liability with a single limit of \$100,000.00 per accident or occurrence. Contractor shall present City with a certificate for all the foregoing insurance, at the time of executing this Agreement and at such other times requested by the City.

The Contractor waives all rights against the City, its consultants, separate contractors, if any, and any of its subcontractors, agents and employees, for any and all damages caused to the extent covered by insurance described herein and obtained pursuant to this Section or other property insurance applicable to the services and product provided under this Agreement. The City shall require of the Contractor, Contractor's consultants, separate contractors, if any, and the subcontractors, sub-subcontractors, agents and employees of any of them, by appropriate agreements, written where legally required for validity, similar waivers each in favor of other parties enumerated herein. The policies shall provide such waiver of subrogation by endorsement otherwise. A waiver of subrogation shall be effective as to a person or entity even though that person or entity would otherwise have a duty of indemnification, contractual or otherwise, did not pay the insurance premium directly or indirectly, and whether or not the person or entity had an insurable interest in the property damaged.

17. Indemnification. In consideration of the payment of ten dollars as part of the compensation described herein, Contractor shall indemnify, defend and hold the City harmless for itself, its past/present/future elected and appointed officials, its employees, agents and assigns, from and against any and all losses, claims, damages, suits, actions, liability or demands, including attorneys' fees and costs of litigation through all appellate proceedings, arising from the performance or non-performance of this Agreement, whether caused in part by the City or not, and in connection with violations of copyrighted or trademarked materials used by Contractor, loss of life, bodily or personal injury, or property damage, including loss of use thereof, directly or indirectly caused by, resulting from, arising out of or occurring in connection with the operations of the Contractor or its officers, employees, agents, subcontractors, or independent Contractors, excepting only such loss of life, bodily or personal injury, or property damage solely attributable to the gross negligence or willful misconduct of the City or its elected or appointed officials and employees. In any and all claims against the City, or any of their agents or employees by any employee of the Contractor any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this paragraph is not limited in any way by any limitation in this amount or type of damages compensation or benefits payable by or for the Contractor or any subcontractor under Workers' Compensation Acts, Disability Benefit Acts or other Employee Benefit Acts. Nothing contained herein is intended nor may it be construed, to waive City's rights and immunities under the common law or Section 768.28, Florida Statutes, as amended from time to time; nor will anything included herein be construed as consent to be sued by any third parties in any matter arising out of this Agreement. To the extent considered necessary by the Contract Administrator and the City Attorney, any sums due Contractor under this Agreement may be retained by the City until all of the City's claims subject to this indemnification obligation have been settled or otherwise resolved,

and any amount withheld is not subject to payment of interest by the City. The above provisions will survive the termination or expiration of this Agreement and will pertain to any occurrence during the term of this Agreement, even though the claim may be made after the termination or expiration hereof.

18. Discriminatory Vendor List. Contractor hereby acknowledges its continuous duty to disclose to the City if the Contractor or any of its affiliates, as defined by Section 287.134 (1)(a), Florida Statutes, are placed on the Discriminatory Vendor List. Pursuant to Section 287-134 (2)(a), Florida Statutes: “An entity or affiliate who has been placed on the discriminatory vendor list may not submit a bid, proposal, or reply on a contract to a public entity; may not submit a bid or proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity.”

19. Independent Contractor. This Agreement does not create an employee/employer relationship between the parties. It is the intent of the parties that the Contractor is an independent contractor under this Agreement and not the City’s employee for any purposes, including but not limited to, the application of the Fair Labor Standards Act minimum wage and overtime payments, Federal Insurance Contribution Act, the Social Security Act, the Federal Unemployment Tax Act, the provisions of the Internal Revenue Code, the State Worker’s Compensation Act, and the State Unemployment Insurance law. The Contractor will retain sole and absolute discretion in the judgment of the manner and means of carrying out Contractor’s activities and responsibilities hereunder provided, further that administrative procedures applicable to services rendered under this Agreement will be those of Contractor, which policies of Contractor will not conflict with City, State, or United States policies, rules, or regulations relating to the use of Contractor’s funds provided for herein. The contractor agrees that it is a separate and independent enterprise from the City, that it had full opportunity to find other business, that it has made its own investment in it business, and that it will utilize a high level of skill necessary to perform the work. This Agreement must not be construed as creating any joint employment relationship between the Contractor and the City and the City will not be liable for any obligation incurred by Contractor, including but not limited to unpaid minimum wages and/or overtime premiums.

20. Audit Rights. The City reserves the right to audit the records of the Contractor for the commodities and/or services provided under the contract at any time during the performance and term of the contract and for a period of five (5) years after completion and acceptance by the City. If required by the City, the Contractor agrees to submit to an audit by an independent certified public accountant selected by the City. The Contractor must allow the City to inspect, examine and review the records of the Contractor in relation to this Agreement at any an all times during normal business hours during the term of the Agreement.

21. Exhibits. The following Exhibits shall be attached, incorporated, and made a part of this Agreement:

- a. Florida public records law (Exhibit “A”)
- b. Vendors Proposal (Exhibit “B”)

c. Vendor Proposal (Exhibit C)

22. Notices. All notices sent pursuant to this Agreement shall be given in writing via certified mail or overnight courier and shall be delivered to the following addresses:

As to Contractor:

Frontier Communications of America, Inc.
Attn: Legal Department
111 Field Street
Rochester, NY 14620

As to City:

City Manager
City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, FL 33706

With Copy To:

Insert Vendor email address

With Copy To:

cityattorney@stpetebeach.org

23. Conflicts and Severability. To the extent that any terms in the attached proposal conflict with the terms of this Agreement, the terms of this Agreement shall control and supersede such conflicting terms in the attached proposal, to the extent of such conflict. If any section, part of section, paragraph, clause, phrase, or word of this Agreement is declared invalid, the remaining provisions of this Agreement shall not be affected.

24. Amendments. This document and exhibits embody the entire Agreement of the parties. There are no promises, terms, conditions, or representations binding on either party hereto, other than those contained herein; and this document shall supersede all previous communications, representations, and/or agreements between the parties hereto, whether written or oral. This Agreement shall not be modified by any oral statement, communication, Agreement, course of conduct, or by anything other than a writing signed by the parties. This Agreement may be amended or modified only in writing signed by all parties hereto.

25. Jurisdiction, Venue, Attorney Fees. This Agreement shall be governed and construed according to the laws of Florida, and venue for any action arising herefrom shall be in Pinellas County, Florida. The prevailing party in any action to enforce or interpret this Agreement shall be entitled to reasonable attorney's fees incurred through all appellate proceedings.

26. Assignment. This Agreement shall be binding upon the parties, their successors, assigns, and legal representatives. Contractor shall not assign or otherwise transfer any of the rights or duties under this Agreement, without the express written consent of the City.

27. Counterparts. This Agreement may be executed and delivered in any number of counterparts, each of which so executed and delivered shall be deemed to be an original and all of which shall constitute one and the same instrument. Facsimile, documents executed, scanned and transmitted electronically and electronic signatures shall be deemed original signatures for purposes of this Agreement and all matters related thereto, with such facsimile, scanned and electronic signatures having the same legal effect as original signatures.

28. Authority. Contractor hereby acknowledges that the person executing this Agreement on

behalf of Contractor has the full authority to do so and to bind Contractor to the terms hereof.

IN WITNESS WHEREOF, the Parties have executed this Agreement on the day and year set forth below.

City of St. Pete Beach:

Signature: _____

Signature: _____

By:

By: Wayne Sauders

Its: .Project Manager

Its: City Manager

Date: _____

Date: _____

APPROVED AS TO FORM
AND LEGAL SUFFICIENCY:

ATTEST:

Andrew Dickman
City Attorney

Amber LaRowe
City Clerk

EXHIBIT “A”

Florida Public Records Law

119.0701 Contracts; public records; request for contractor records; civil action.

(1) DEFINITIONS. —For purposes of this section, the term:

- (a) “Contractor” means an individual, partnership, corporation, or business entity that enters into a contract for services with a public agency and is acting on behalf of the public agency as provided under s. 119.011(2).
- (b) “Public agency” means a state, county, district, authority, or municipal officer, or department, division, board, bureau, commission, or other separate unit of government created or established by law.

(2) CONTRACT REQUIREMENTS. —In addition to other contract requirements provided by law, each public agency contract for services entered into or amended on or after July 1, 2016, must include:

- (a) The following statement, in substantially the following form, identifying the contact information of the public agency’s custodian of public records in at least 14-point boldfaced type:

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR’S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (telephone number, e-mail address, and mailing address).

- (b) A provision that requires the contractor to comply with public records laws, specifically to:

1. Keep and maintain public records required by the public agency to perform the service.
2. Upon request from the public agency’s custodian of public records, provide the public agency 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 this chapter or as otherwise provided by law.
3. 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 the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.
4. Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency’s custodian of public records, in a format that is compatible with the information technology systems of the public agency.

EXHIBIT “B”

(Place Vendors Proposal Behind This Page)



FRONTIER

Services Provided					
Service Address	Service Description	Partnered	Quantity	Charges	
				Total NRC	Total MRC
155 Corey Ave. St. Pete Beach, Fl. 33706	Dedicated Internet Access (DIA) 2G	No	1	\$0.00	\$1,490.00
Subtotal:				\$0	\$1490

This is Schedule Number S-0000380173 to the Frontier Services Agreement dated 09/29/2020 ("FSA") by and between City of St Pete Beach ("Customer") and Frontier Communications of America, Inc. on behalf of itself and its affiliates ("Frontier"). Customer orders and Frontier agrees to provide the Services and Equipment identified in the Schedule below.

Primary Service Location: 7301 GULF BLVD ST PETE BEACH, Florida Schedule Date: 04/23/2024
Schedule Type/Purpose: Revision to upgrade existing Services Service Term: 60 Month(s)

1. Service Description.

- a. **Dedicated Internet Access ("DIA").** DIA is an internet connection, delivered via Ethernet from Customer Service Location to the Frontier IP network then to the public Internet which provides reliable, dedicated and scalable bandwidth. Physical termination shall conform to applicable rules and regulations with respect to Minimum Point of Entry (MPoE) and demarcation point. If Customer requests extensions beyond the MPoE, such extension(s) shall be subject to Frontier's cabling service policies and Frontier's charges related thereto per separate Frontier Cabling Service and Fee Schedule.
- b. **Partnered** service is a delivery method where a Frontier third-party Service provider is used to deliver the local access to Customer ("Partner Provider").
- c. **Overhead.** Ethernet technology, which is what the Frontier Dedicated Internet circuits utilize, requires packets to have headers, a checksum, interframe gaps and preambles. Those components ensure that the data packets get sent to the right place and end up in the right order and each use a small amount of bytes, commonly known as "overhead." Overhead is the gap between the subscribed bandwidth speed and usable bandwidth speed. Additionally, actual data transmission or throughput may be lower than the connection speed due to internet congestion, server or router speeds, protocol overheads, and other factors which cannot be controlled by Frontier.

2. Pre-installation cancellation fees, FOC Notice and Special Construction.

- a. **Pre-installation cancellation fees.** Cancellation relating to newly identified costs and expenses: If Customer cancels any Service or Equipment prior to delivery of any Equipment or installation of the Service or Equipment due to Customer's determination that Customer is not able or willing to incur the costs and expenses of Frontier identified Customer required pre-installation requirements (other than previously identified NRC or CIAC set forth in this Schedule), then notwithstanding any provision of the FSA, Customer shall not be required to pay the FSA Section 4(a) cancellation charge.
- b. **Cancellation after FOC Notice.** Frontier will provide Customer with notice (the "FOC Notice") of the project completion date (the "FOC Date") as soon as possible in light of the requested services and customer's location. If Customer cancels more than ten (10) business days after the issuance of the FOC Notice, then, notwithstanding any provision of the FSA, Customer shall pay a processing fee of Seven Hundred Fifty Dollars (\$750.00) and the total costs and expenditures of Frontier in connection with establishing the Service and / or providing the Equipment prior to Frontier's receipt of notice of cancellation including but not limited to any construction and engineering costs and Equipment restocking fees.
- c. **Special Construction.**
 - i. **General.** All Services are subject to availability and Frontier Network limitations. The rates identified in this Schedule are estimated based on standard installation costs and Services may not be available at all Service Locations at the rates identified. If Frontier determines, in its reasonable discretion, that the costs of provisioning Service to any Service Location are materially higher than normal, Frontier will notify Customer of the additional costs associated with provision of the Services and request Customer's acceptance of such costs as a condition to proceeding ("Special Construction").



- ii. Frontier assistance with Special Construction.** Frontier may determine, on a project-by-project basis, whether and the extent to which, if any, Frontier may provide additional assistance with respect to Special Construction. If Frontier determines in its sole discretion that Frontier will provide financial assistance, Frontier will notify Customer of such assistance and related conditions or requirements with respect to the Special Construction project.
- iii. Customer Special Construction costs.** Upon notification that Special Construction costs are required; Customer will have ten (10) business days to notify Frontier of Customer's acceptance of such costs. If the Customer does not agree to the Special Construction costs within ten (10) business days, the Customer shall be deemed to have cancelled the Service Schedule and notwithstanding any provision of the FSA, Customer shall not be required to pay the FSA Section 4(a) cancellation charge. If the Customer agrees to the Special Construction costs, Frontier and Customer will execute a replacement Schedule.
- 3. Obligations of Customer.** Customer is responsible to ensure appropriate processes and protocols are in place for rate shaping to the amount of throughput ordered. Customer acknowledges that failure to comply with this responsibility may negatively impact Service performance. Customer shall provide and maintain an email distribution contact list with correct telephone and email information for service escalation that indicates who to contact, at what priority level, and the precedent of the contact order, and for any service modifications. Customer shall identify points of contact with decision-making and approval authority. Customer must be present during installation and provide a Customer project manager and complete all sign-off documentation.
- Customer will not use, or permit use of the DIA Solution in a manner which is (i) illegal; or (ii) infringes the patent, copyright, trademark, confidential information or intellectual property rights of a third-party; collectively "Unauthorized Use". Frontier reserves the right to immediately terminate, modify or suspend Customer's DIA Solution if it is determined by Frontier in its sole discretion that Customer has used the DIA Solution for any Unauthorized Use. Customer will defend and indemnify Frontier and its affiliates with respect to claims arising from Customer's or third parties' Unauthorized Use.
- 4. After Hours/Holiday Labor Hours.** If Customer desires coordinated turn up services ("After Hours") during non-business hours, defined below, then the After-Hours services shall be provided at the rate of \$175.00 per hour. Non-business hours include: (1) weeknights between the hours of 5:00 p.m. and 7:59 a.m. local time; (2) weekends, including Saturday and/or Sunday and (3) the Frontier designated holidays (New Year's Day, Martin Luther King Day, President's Day, Memorial Day, Juneteenth, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day and Christmas Day).
- Such After-Hours services may be subject to change, based upon Frontier's reasonable determination of increases in actual costs to provide such After-Hours services, determined in accordance with generally accepted commercial accounting practices, and consistent with After Hours service charges for projects comparable to the project outlined in this Schedule
- 5. Internet Acceptable Use Policy and Security.** Customer shall comply, and shall cause all Service users to comply, with Frontier's Acceptable Use Policy ("AUP"), which Frontier may modify at any time. The current AUP is available for review at the following address, subject to change: http://www.frontier.com/policies/commercial_aup/. Customer is responsible for maintaining awareness of the current AUP and adhering to the AUP as it may be amended from time to time. Failure to comply with the AUP is grounds for immediate suspension or termination of Frontier Internet Service, notwithstanding any notice requirement provisions of the FSA. Customer is responsible for the security of its own networks, equipment, hardware, software and software applications. Abuse that occurs as a result of Customer's systems or account being compromised or as a result of activities of third parties permitted by Customer may result in suspension of Customer's accounts or Internet access by Frontier. Customer will defend and indemnify Frontier and its affiliates with respect to claims arising from Customer's or third parties' usage of Frontier Internet access through Customer's hardware or software.
- 6. Producer Price Index Adjustment.** Unless otherwise prohibited by tariff, regulation or applicable law, Frontier shall, once per year in July, increase the above MRC for each service by the annual increase in the Producer Price Index for Total Final Demand as published by the U.S. Bureau of Labor Statistics ("PPI-FD"). The adjustment will be based on the percentage increase, if any, in PPI-FD for the most recent yearly period ending April 30th compared to the prior 12 month period ending April 30th and shall not exceed 9.5% in any year. The increase, if any, will be reflected as either an increase in the base MRC or as a separately stated item and occur for the first time in July of the calendar year after service installation.
- 7. Service Level Agreement.** The Dedicated Internet Access Service Level Agreement for Dedicated Internet Access is attached hereto and incorporated herein as Exhibit 1.

This Schedule is not effective, and pricing, dates and terms are subject to change until signed by both parties. This Schedule and any of the provisions hereof may not be modified in any manner except by mutual written agreement. The above rates do not include any taxes, fees or surcharges applicable to the Service. This Schedule, and all terms and conditions of the FSA, is the entire agreement between the parties with respect to the Services described herein, and supersedes any and all prior or contemporaneous agreements, representations, statements, negotiations, and undertakings written or oral with respect to the subject matter hereof.



Frontier Communications of America, Inc.

City of St Pete Beach

Signature:
Printed
Name:
Title:
Date:

Signature:
Printed
Name:
Title:
Date:

v.04252022

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Dedicated Internet Access (DIA) Schedule
Fr Confid

Dedicated Internet Access (DIA) Schedule
Frontier Confidential



EXHIBIT 1

Service Level Agreement

This **Dedicated Internet Access Service Level Agreement (“SLA”)** applies to a Dedicated Internet Access (DIA) Schedule, executed by and between **City of St Pete Beach (“Customer”)** and **Frontier Communications of America, Inc. (“Frontier”)**. The terms of this SLA apply exclusively to the Dedicated Internet Access network elements directly within Frontier’s management responsibility and control (“DIA Service”), including Partnered delivered service.

1. Operational Objectives

Table 1A: Dedicated Internet Access		
Circuit Availability (CA)		MRC Service Credit
Availability	99.99%	Below 99.99% Service Credit 30% MRC

- A. **Availability:** Circuit Availability is the ability to exchange data packets with the nearest Frontier Internet Point of Presence (“POP”) or DIA Customer egress port (Z location) via the ingress port (A location). “Service Outage” occurs when packet transport is unavailable or when the output signal is outside the limits of this service guarantee. Availability is measured by the number of minutes during a calendar month that the Service is operational, divided by the total minutes in that calendar month. Calculation is based on the stop-clock method beginning at the date and time of the Customer-initiated trouble ticket and ends when Frontier restores SLA-compliant circuit operation. Frontier’s Service Availability commitment and applicable Service credit are outlined in **Table 1A**, subject to Sections 3 and 4 below.

Table 1B: Dedicated Internet Access		
Mean Time To Repair		MRC Service Credit
MTTR	4 Hours	25 % MRC above 4 hrs
		50% MRC above 6 hrs.

- B. **Mean Time to Repair (MTTR):** MTTR is a monthly calculation of the average duration of time between Trouble Ticket initiation (in accordance with Section 2B) and Frontier's reinstatement of the DIA Service to meet the Availability performance objective. The MTTR objectives, and credits applicable to a failure to meet such objectives, are outlined in **Table 1B**, subject to Sections 3 and 4 below.
- C. To the extent applicable, the Customer is entitled to one Service Credit per Service Outage (i.e., for either the higher of Circuit Availability credit or Mean Time to Repair credit, if applicable). If applicable, the On-Time Provisioning credit would be in addition to the Service Outage credit.

2. Service Outage Reporting Procedure.

- A. Frontier will maintain a point-of-contact for Customer to report a Service Outage, twenty-four (24) hours a day, seven (7) days a week.
- B. When DIA Service is impacted from a Service Outage, Customer must contact Frontier's commercial customer support center (also known as the "NOC") at 1-(888) 637-9620 to identify the Service Outage and initiate an investigation of the cause ("Trouble Ticket"). Responsibility for Trouble Ticket initiation rests solely with Customer. Once the Trouble Ticket has been opened, the appropriate Frontier departments will initiate diagnostic testing and isolation activities to determine the source. In the event of a Service Outage, Frontier and Customer will cooperate to restore the Service. If the cause of a Service Outage is a failure of Frontier's equipment or facilities, Frontier will be responsible for the repair. If the degradation is caused by a factor outside the control of Frontier, Frontier will cooperate with Customer to conduct testing and repair activities at Customer's cost and at Frontier's standard technician rates.
- C. A Service Outage begins when a Trouble Ticket is initiated and ends when the affected DIA Service is Available; provided that if the

**St. Pete Beach City Commission
Agenda Report**

Action Request:	I move to approve the first reading of Ordinance 2024-01.
Strategic Objective:	To include the attendance of the City Attorney and City Clerk's offices at the Technical Review Committee meetings in reviewing applications.
Date:	May 14, 2024
Prepared By:	Matthew McConnell, Assistant City Attorney
Through:	Wayne Saunders, Interim City Manager
Summary of Issue:	At the July 11, 2023, City Commission Meeting, the City Commission moved to authorize the City Attorney to amend the City's Code of Ordinances to include the attendance of the City Attorney's office and the City Clerk at the Technical Review Committee. The City Commission also moved for the City Clerk to work with the IT Department to establish a recording of the Technical Review Committee meetings.
Funding:	N/A
Attachments:	Ordinance 2024-01

Ordinance 2024-01

**AN ORDINANCE OF THE CITY OF ST. PETE BEACH, FLORIDA
AMENDING THE CODE OF ORDINANCES, CHAPTER 22 – BOARDS,
COMMITTEES, COMMISSIONS, ARTICLE VI – TECHNICAL
REVIEW COMMITTEE (TRC), SECTION 22-146 – MEMBERSHIP;
PROVIDING FOR CODIFICATION; CONFLICTS; SEVERABILITY;
CORRECTION OF SCRIVENER’S ERROR; CONSTRUCTION;
PUBLICATION; AND AN EFFECTIVE DATE.**

WHEREAS, the City Commission of the City of St. Pete Beach desires to amend Section 22-146 of the City’s Code of Ordinances.

WHEREAS, the City Commission desires to include both the City Clerk’s office and the City Attorney’s office as members of the Technical Review Committee.

WHEREAS, the City Commission finds this amendment to be in the best interest of the citizens of the City of St. Pete Beach.

**NOW, THEREFORE, THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH
FLORIDA, HEREBY ORDAINS:**

SECTION 1. Recitals. The above recitals (“Whereas” clauses) are hereby adopted as legislative findings, purpose and intent of the City Commission.

SECTION 2.

Code of Ordinances, Chapter 22, Article VI shall be amended as follows:

Sec. 22-146. Membership

(a) The membership shall include the director or his or her designee from the following city agencies:

- (1) Planning and zoning;
- (2) Building;
- (3) Public safety/code enforcement;
- (4) Fire;
- (5) Public services; ~~and~~
- (6) Recreation;~~;~~
- (7) City Clerk’s office; and

(8) City Attorney's office.

Provided, however, the city manager may appoint additional city staff representatives to serve on the TRC as he or she may deem appropriate.

SECTION 3. Codification. This Ordinance shall be codified in the Code of Ordinance of the City of St. Pete Beach.

SECTION 4. Conflicts. All ordinances or parts of ordinances, in conflict herewith are hereby repealed to the extent of any conflict with the Ordinance.

SECTION 5. 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 as they shall remain in effect, it being the legislative intent that this Ordinance shall stand notwithstanding the invalidity of any part.

SECTION 6. Scrivener's Error. The City Attorney may correct scrivener's errors found in this Ordinance by filing a corrected copy of this Ordinance with the City Clerk.

SECTION 7. Construction. This Ordinance is to be liberally construed to accomplish its objectives.

SECTION 8. Publication. This Ordinance shall be published in accordance with the requirements of law.

SECTION 9. Effective Date. This ordinance shall take effect immediately upon adoption.

FIRST READING: _____
PUBLISHED: _____
SECOND READING: _____
PUBLIC HEARING: _____

CITY COMMISSION, CITY OF ST. PETE
BEACH, FLORIDA.

Adrian Petrila, Mayor

Words ~~stricken~~ through shall be deleted. Words underscored constitute the amendment proposed. The symbol *** constitutes code sections not shown for purposes of brevity. Remaining provisions are now in effect and remain unchanged.

I, Amber LaRowe, City Clerk of the City of St. Pete Beach, Florida, do hereby certify that the foregoing Ordinance was duly adopted in accordance with the provisions of applicable law this _____ day of _____, 2024.

Amber LaRowe, City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

Andrew Dickman, City Attorney

Words ~~stricken~~ through shall be deleted. Words underscored constitute the amendment proposed. The symbol *** constitutes code sections not shown for purposes of brevity. Remaining provisions are now in effect and remain unchanged.

**CITY COMMISSION MEETING
CITY OF ST. PETE BEACH
COMMISSION CHAMBERS**

Agenda Report

Action Request:

Strategic Objective: Resiliency

Date: May 14, 2024

Prepared By: Jennifer McMahon, Chief Operating Officer

Through: Wayne Saunders, Interim City Manager

Summary of Issue: Freebee wants to provide a recommendation for a massive upgrade to the current Freebee St Pete Beach service. We would like to propose upgrading the fleet of vehicles from the current GEM cars, to the Tesla SUV at no additional cost to the City. With the current manufacturer delays from GEM it's provided us an opportunity to regroup internally to figure out the best form factor in providing the highest level of service to the community. Switching from the GEM to the Tesla vehicles will massively increase ridership, lower wait times, and provide a much higher level of service that the GEM cars cannot do. With the long hours of operation from 6am-12am and Freebee servicing the entire island of St Pete Beach, this will also alleviate any charging issues as the range on a Tesla is 250+ miles, compared to only 60-70 miles with a GEM car. In addition, below are a few reasons on why we would recommend the Tesla vehicles over the GEM cars:

Efficiency - The GEM vehicle top speed is only 25mph. Just the ability to drive 35mph in a Tesla versus 25mph in a GEM will help significantly increase ridership, while simultaneously lowering wait time. We have seen in other service areas more than a 20% increase in completed rides/passengers with the same amount of daily requests.

Battery - GEM vehicles only get 60-70 miles per battery charge. Tesla vehicles get 250+ miles per battery charge. Operationally, a Tesla vehicle can last an entire day without the need for a charge.

Customer Experience + Comfort - If you've ever taken a ride in a Tesla before than you know how amazing the experience is. They are considered one of the most comfortable vehicles on the market and users always walk away saying WOW. Although the look of the GEM car is unique, it does not compare with the Tesla when it comes to the customer experience and comfort.

AC/Heating - The GEM vehicles are unable to be outfitted with AC. This becomes extremely inconvenient to the user as well as our driving staff during the hot summer months! This is a big one!

Flood Closures / Rain Delays: With the Tesla vehicles, we will no longer need to pause service when there is disruptions due to torrential rain. GEM vehicles are unable to operate in these typic of conditions.

Safety - Tesla vehicles are rated as the number 1 vehicle when it comes to safety!!

We truly believe this would be a game changer for the Freebee service in St Pete Beach and will take the program to a whole new level. This will also allow us to expand the service almost immediately as the GEM manufacturer continues to have delays.

We hope you're in agreement to our analysis, especially with no added cost to the City, and look forward to discussing tomorrow with a plan to move forward.

Funding: N/A

Attachments:



CITY OF ST. PETE BEACH

GULF WINDS DRIVE IMPROVEMENTS

FROM GULF BLVD TO 73RD AVE

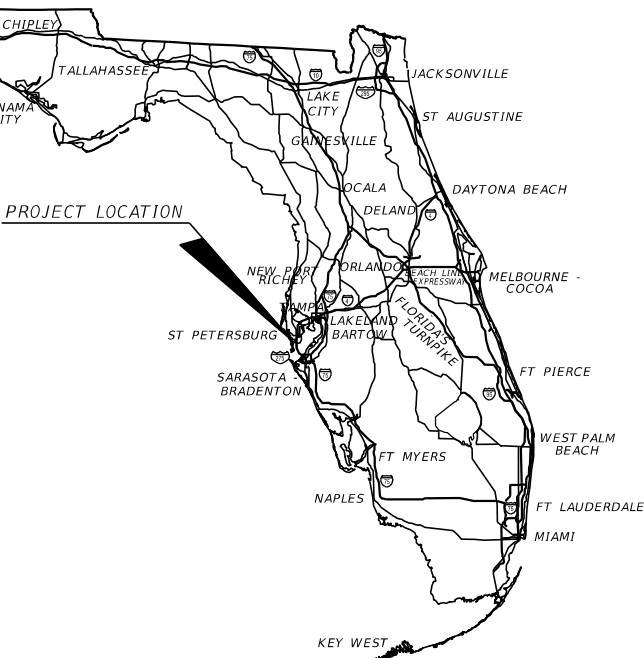
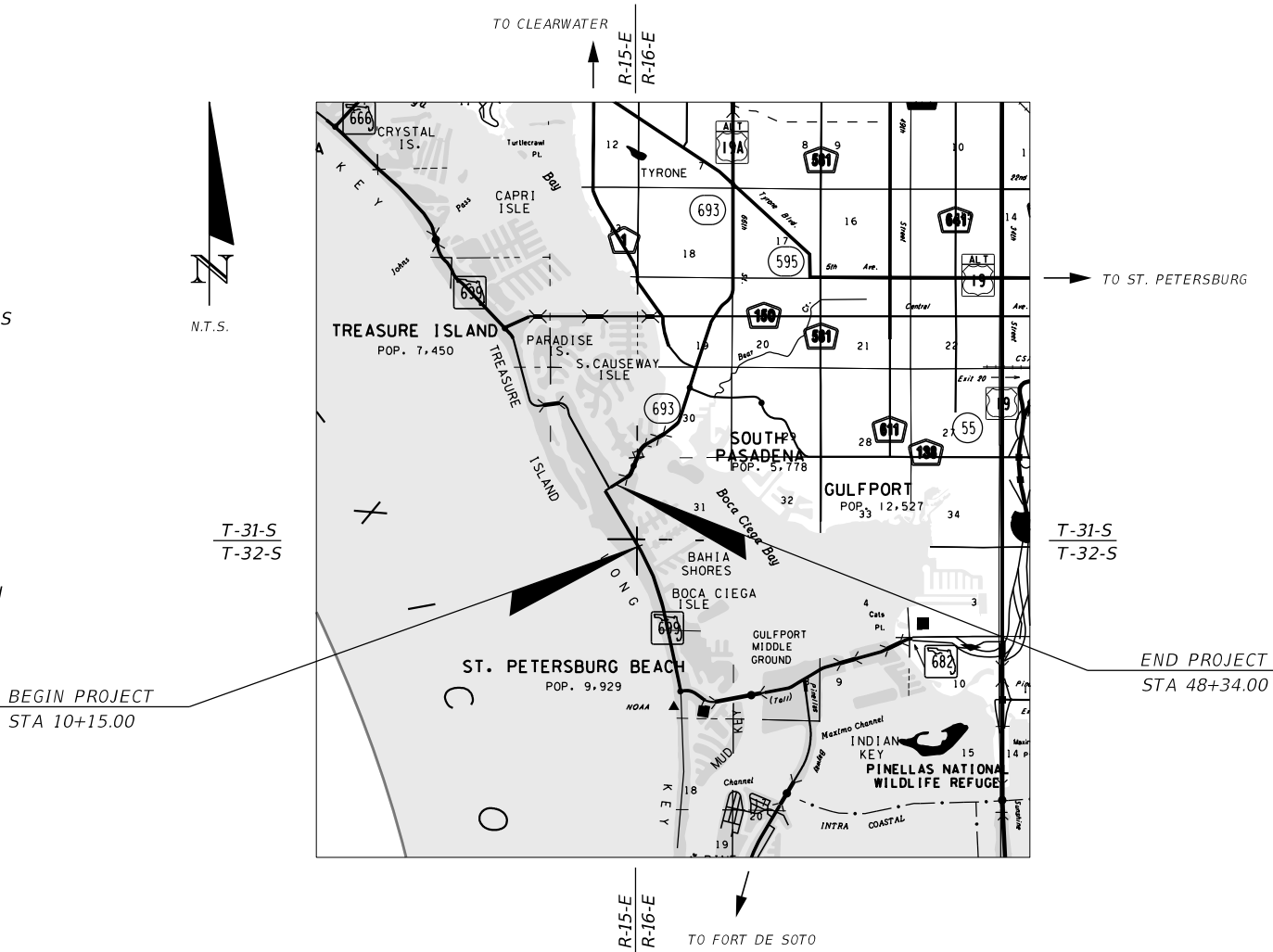
GULF BLVD. (STATE ROAD 699), POSTED SPEED: 35 MPH, MILE POST 1.766
FDOT HIGHWAY SEGMENT # 15 100 000
FDOT ACCESS PERMIT: 2022-C-799-00015
FDOT DRAINAGE PERMIT: 2022-D-799-000xx

CONTRACT PLANS COMPONENTS

- ROADWAY PLANS
- SIGNING AND PAVEMENT MARKING PLANS
- LIGHTING CONDUIT PLANS
- LANDSCAPE PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3 - 4	EXISTING DRAINAGE MAP
5	PROPOSED DRAINAGE MAP
6 - 9	TYPICAL SECTIONS
10	DRIVEWAY DETAILS
11	SUMMARY OF DRAINAGE STRUCTURES
12	DRAINAGE DETAILS
13	PROJECT LAYOUT
14	GENERAL NOTES
15 - 42	ROADWAY PLAN & PROFILE
43 - 46	RAISED INTERSECTION DETAILS
47 - 55	BACK OF SIDEWALK PROFILE
56 - 67	DRAINAGE STRUCTURES
68 - 80	CROSS SECTIONS
81 - 106	DRIVEWAY HALF SECTIONS
107 - 113	EROSION CONTROL PLAN
114	TEMPORARY TRAFFIC CONTROL PLAN
115 - 128	UTILITY ADJUSTMENT PLAN
129 - 136	UTILITY ADJUSTMENT DETAILS
137	SUE DATA TABLE



ROADWAY PLANS

ENGINEER OF RECORD:
JOHN SEALS, P.E. NO.: 51505
KIMLEY-HORN AND ASSOCIATES
201 NORTH FRANKLIN STREET, SUITE 1400
TAMPA, FL. 33602
(813) 620-1460

DRAINAGE PLANS

ENGINEER OF RECORD:
VICTOR GALLO, P.E. NO.: 75592
KIMLEY-HORN AND ASSOCIATES
189 S ORANGE AVE., SUITE 1000
ORLANDO, FL. 32801
(407) 898-1511

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs) at the following website:
<http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY2023-24 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

Pinellas County Supplemental Specifications for Roadway and General Construction (April 2022).

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

NOVEMBER 17, 2023
100% PLANS

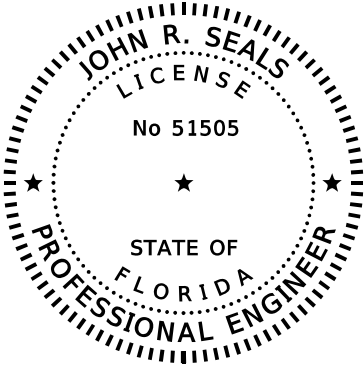
PLANS PREPARED BY:

Kimley»Horn

KIMLEY-HORN AND ASSOCIATES, INC.
CONSULTING ENGINEERS AND PLANNERS
201 NORTH FRANKLIN STREET, SUITE 1400
TAMPA, FLORIDA 33602
PHONE (813) 620-1460

REGISTRY NO.: 35106

SHEET NO.



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

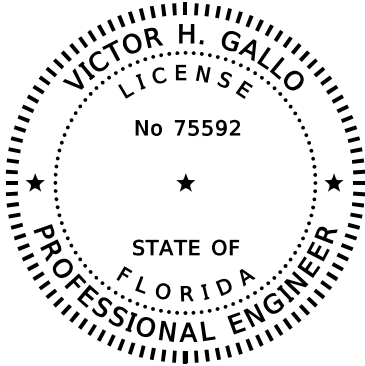
PRINTED COPIES OF THIS DOCUMENT ARE
NOT CONSIDERED SIGNED AND SEALED
AND THE SIGNATURE MUST BE VERIFIED
ON ANY ELECTRONIC COPIES.

KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602
(813) 627-1460
CERTIFICATE OF AUTHORIZATION: 696
JOHN R. SEALS, P.E. NO.: 51505

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

ROADWAY PLANS

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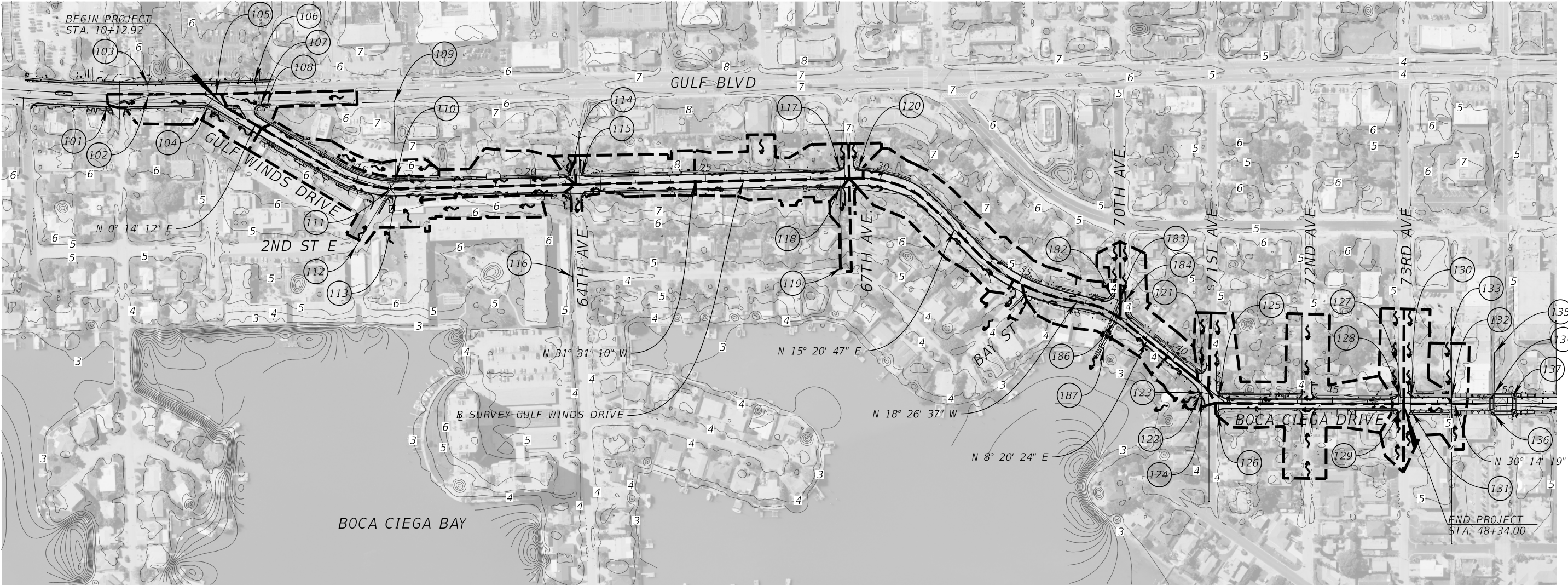
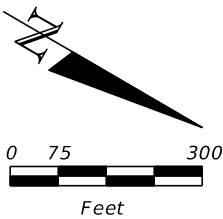
KIMLEY-HORN AND ASSOCIATES, INC.
189 SOUTH ORANGE AVE, SUITE 1000
ORLANDO, FL 32801
(407) 898-1511
CERTIFICATE OF AUTHORIZATION NO. 696
VICTOR H. GALLO, P.E. NO.: 75592

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
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DRAINAGE PLANS

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3 - 4	EXISTING DRAINAGE MAP
5	PROPOSED DRAINAGE MAP
11	SUMMARY OF DRAINAGE STRUCTURES
12	DRAINAGE DETAILS
56 - 67	DRAINAGE STRUCTURES
107 - 113	EROSION CONTROL PLAN

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNATURE SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



LEGEND

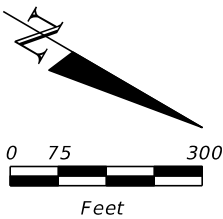
- (##) EXISTING STRUCTURE
- ~ FLOW DIRECTION
- - BASIN DIVIDE

DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONELLE WITH DRAINAGE CONCERNS.

REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE., SUITE 1000 ORLANDO, FL 32801	GULF WINDS DRIVE IMPROVEMENTS PROJECT		EXISTING DRAINAGE MAP	SHEET NO. 3 Page 255 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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

101	STA 184+7.74 37.17' RT CATCH BASIN w/ MANHOLE TOP ELEV=5.76' 15" RCP INV(NW)=(-)0.15'	113	STA 16+16.50 23.50' RT CURB INLET TOP ELEV=4.08' THROAT ELEV=3.30' 18" RCP INV(SW)=1.57' PIPE TO BE CAPPED	126	STA 41+94.29 31.69' RT CURB INLET TOP ELEV=3.51' THROAT ELEV=2.67' 23"x14" ERCP INV(SW)=0.94'	183	STA 37+81.18 44.13' LT DRAINAGE MANHOLE (JUNCTION BOX) TOP ELEV=(-)3.37' BOTTOM ELEV=(-)3.18' 18" RCP INV(NW)=(-)0.71' 24" RCP INV(SE)=(-)0.73 60"x38" ERCP #1 INV(SW)=(-)2.42' 60"x38" ERCP #2 INV(SW)=(-)2.71' 60"x38" ERCP #1 INV(NE)=(-)2.79' 60"x38" ERCP #2 INV(NE)=(-)2.67'
102	STA 185+26.26 1.56' RT DRAINAGE MANHOLE TOP ELEV=6.09' 15" RCP INV(SW)=0.12' 15" RCP INV(SE)=(-)0.69' 18" RCP INV(NW)=(-)0.56'	114	GRATE INLET TOP ELEV=6.26' BOTTOM ELEV=3.31' 12" RCP INV(SSW)=3.79' 12" RCP INV(ENE)=3.81' 12" RCP INV(NNW)=3.79'	127	STA 46+86.78 113.28' LT GRATE INLET TOP ELEV=3.72' 12" RCP INV(NW)=1.82' 15" RCP INV(NE)=1.63'		
103	STA 24+21 32.28' RT CURB INLET w/ MANHOLE TOP ELEV=5.51' 12" PVC INV(W)=0.81' 15" RCP INV(NE)=1.03'	115	STA 21+47.98 25.70' LT GRATE INLET TOP ELEV=6.38' 12" RCP INV(SSE)=3.86'	128	STA 46+95.19 17.84' LT GRATE INLET TOP ELEV=3.79' 12" RCP INV(NE)=1.48' 15" RCP INV(SW)=1.46' 15" RCP INV(NW)=1.13'	184	STA 87+42.77 48.47' LT GRATE INLET TOP ELEV=3.07' 24" RCP INV(S)=(-)0.47'
104	STA 186+94.01 33.62' RT CURB INLET TOP ELEV=4.97 THROAT ELEV=4.24 15" RCP INV(W)=2.44'	116	STA 21+15.14 263.22' RT GRATE INLET TOP ELEV=3.59' 12" RCP INV(WSW)=1.50' 15" RCP INV(NNW)=1.58' 15" RCP INV(ENE)=1.35'	129	STA 46+95.30 19.80' RT GRATE INLET TOP ELEV= 3.84' 12" RCP INV(SW)=1.43'	186	STA 38+03.74 16.98' RT GRATE INLET TOP ELEV=2.90' 60"x38" ERCP INV(W)=(-)2.89' 60"x38" ERCP INV(E)=(-)2.89'
105	STA 187+20.20 1.33' RT DRAINAGE MANHOLE TOP ELEV=5.75' 15" RCP INV(E)=(-)1.74' 18" RCP INV(SE)=(-)1.82' 18" RCP INV(NNW)=(-)1.90'	117	STA 28+84.32 27.18' LT GRATE INLET TOP ELEV=6.35' 12" RCP INV(NE)=4.31' 12" RCP INV(NW)=4.21'	130	STA 47+23.29 17.44' LT GRATE INLET TOP ELEV=4.03' 12" RCP INV(NE)=1.39' 15" RCP INV(SE)=1.36' 15" RCP INV(NW)=1.41'	187	STA 38+16.02 93.00' RT DRAINAGE MANHOLE TOP ELEV=2.93' BOTTOM ELEV=(-)3.51' 60"x38" ERCP #1 INV(W)=(-)2.78 60"x38" ERCP #2 INV(W)=(-)2.88 40" RCP #1 INV(E)=(-)2.87 40" RCP #2 INV(E)=(-)3.00
106	STA 188+30.08 34.33' LT CURB INLET w/ MANHOLE TOP ELEV=4.80' THROAT ELEV=3.82' 18" RCP INV(NE)=0.13'	118	STA 28+84.46 21.03' RT GRATE INLET (ROUND) TOP ELEV=6.53' 12" RCP INV(SW)=3.87' 12" RCP INV(NE)=3.87'	131	STA 47+23.58 19.93' RT GRATE INLET TOP ELEV=3.95' 12" RCP INV(SW)=1.53'		
107	STA 188+45.81 34.98' RT DRAINAGE MANHOLE TOP ELEV=4.67' 18" RCP INV(SW)=(-)0.57' 18" RCP INV(S)=(-)1.94' 30" RCP INV(NW)=(-)1.92'	119	STA 28+84.92 252.99' RT GRATE INLET TOP ELEV=3.33' 12" RCP INV(NW)=0.61' 12" RCP INV(SW)=0.51' 15" RCP INV(E)=0.40'	132	STA 48+41.01 19.30' LT TOP ELEV=3.95' 15" RCP INV(SW)=1.72' 15" RCP INV(SE)=1.31' 15" RCP INV(NW)=1.14'		
108	STA 188+64.61 34.49' RT CURB INLET w/ MANHOLE TOP ELEV=4.71' THROAT ELEV=3.85' 30" RCP INV(SE)=(-)1.87' 30" RCP INV(NW)=(-)1.59'	120	STA 29+37.86 26.74' LT CURB INLET W/ MANHOLE TOP ELEV=6.60' 12" RCP INV(SE)=4.09'	133	STA 48+36.54 179.10' LT GRATE INLET TOP ELEV=3.99' 15" RCP INV(SW)=1.88' 15" RCP INV(NE)=1.89'		
109	STA 192+26.84 33.34' RT DRAINAGE MANHOLE TOP ELEV=4.98' 12" RCP INV(N)=0.91' 30" RCP INV(NW)=(-)2.30' 30" RCP INV(SE)=(-)2.59' 42" RCP INV(NE)=(-)2.	121	STA 40+86.88 27.68' LT CURB INLET TOP ELEV=3.66' THROAT ELEV=2.70' 4" METAL INV(S)=2.18' 15" RCP INV(NE)=0.99'	134	STA 49+62.02 27.65' LT GRATE INLET TOP ELEV=4.53' 12" RCP INV(SW)=1.65' 12" RCP INV(NE)=1.58'		
110	STA 16+14.67 24.98' LT CURB INLET W/ MANHOLE TOP ELEV=4.19' THROAT ELEV=3.19' 42" RCP INV(WSW)=(-)2.52' 42" RCP INV(E)=(-)2.65'	122	STA 41+20.83 25.03' RT V-SHAPED GRATE INLET TOP CENTER ELEV=2.66' 15" PVC INV(NE)=0.22' 15" RCP INV(SE)=(-)1.21'	135	STA 49+63.09 144.59' LT GRATE INLET TOP ELEV=4.28' 12" RCP INV(NE)=1.80'		
111	STA 16+00.80 1.03' RT DRAINAGE MANHOLE TOP ELEV=4.33' 15" RCP INV(NNE)=0.52' 42" RCP INV(W)=(-)2.53' 42" RCP INV(E)=(-)2.76' 24" PVC SANITARY CONFLICT: TOP OF PIPE ELEV=0.71'	123	STA 41+23.21 19.31' RT DRAINAGE MANHOLE TOP ELEV=3.22' 12" RCP INV(SW)=(-)0.63' 23"x14" ERCP INV(NNW)=(-)0.75	136	STA GRATE INLET TOP ELEV=4.59' 12" PVC INV(NE)=2.33'		
112	STA 15+41.43 175.83' RT DRAINAGE MANHOLE TOP ELEV=4.72' 42" RCP INV(W)=(-)2.98' 42" RCP INV(E)=(-)2.97'	124	STA 41+32.50 30.59' RT V-SHAPED GRATE INLET TOP CENTER ELEV=2.71' 15" PVC INV(SW)=0.72' 24" RCP INV(SE)=0.04'	137	STA 50+14.22 18.49' LT DRAINAGE MANHOLE TOP ELEV=4.28' 12" RCP INV(NE)=1.18' 15" RCP INV(SE)=0.68' 15" RCP INV(NW)=0.76'	182	STA 37+62.18 39.48' LT GRATE INLET TOP ELEV=3.20' 24" RCP INV(N)=(-)0.68'
112	STA 15+41.43 175.83' RT DRAINAGE MANHOLE TOP ELEV=4.72' 42" RCP INV(W)=(-)2.98' 42" RCP INV(E)=(-)2.97'	125	STA 41+67.68 3.90' LT GRATE INLET TOP ELEV=2.82' 23"x14" ERCP INV(NE)=0.70' 23"x14" ERCP INV(SSE)=0.35'				



Structure	Area (ac.)	Structure	Area (ac.)	Structure	Area (ac.)
S-100	0.74	S-117	0.05	S-142	2.20
S-103	0.46	S-118	0.27	S-144	0.37
S-104	0.42	S-119	0.06	D-122	0.31
S-106	0.20	S-119A	0.64	S-148	0.52
S-109	0.98	S-122	0.85	D-126	0.19
S-111	1.31	S-123	0.43	S-150	1.16
S-113	0.40	S-136A	0.16	S-151	1.24
S-116	0.09	S-141	1.47	S-154	0.65
				S-155	0.61

LEGEND
PROPOSED STRUCTURE
~ FLOW DIRECTION
- - BASIN DIVIDE

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

VICTOR H. GALLO, P.E.
P.E. LICENSE NUMBER 75592
KIMLEY-HORN AND ASSOCIATES, INC.
189 S ORANGE AVE., SUITE 1000
ORLANDO, FL 32801

GULF WINDS DRIVE IMPROVEMENTS PROJECT	
CITY OF	COUNTY
ST. PETE BEACH	PINELLAS

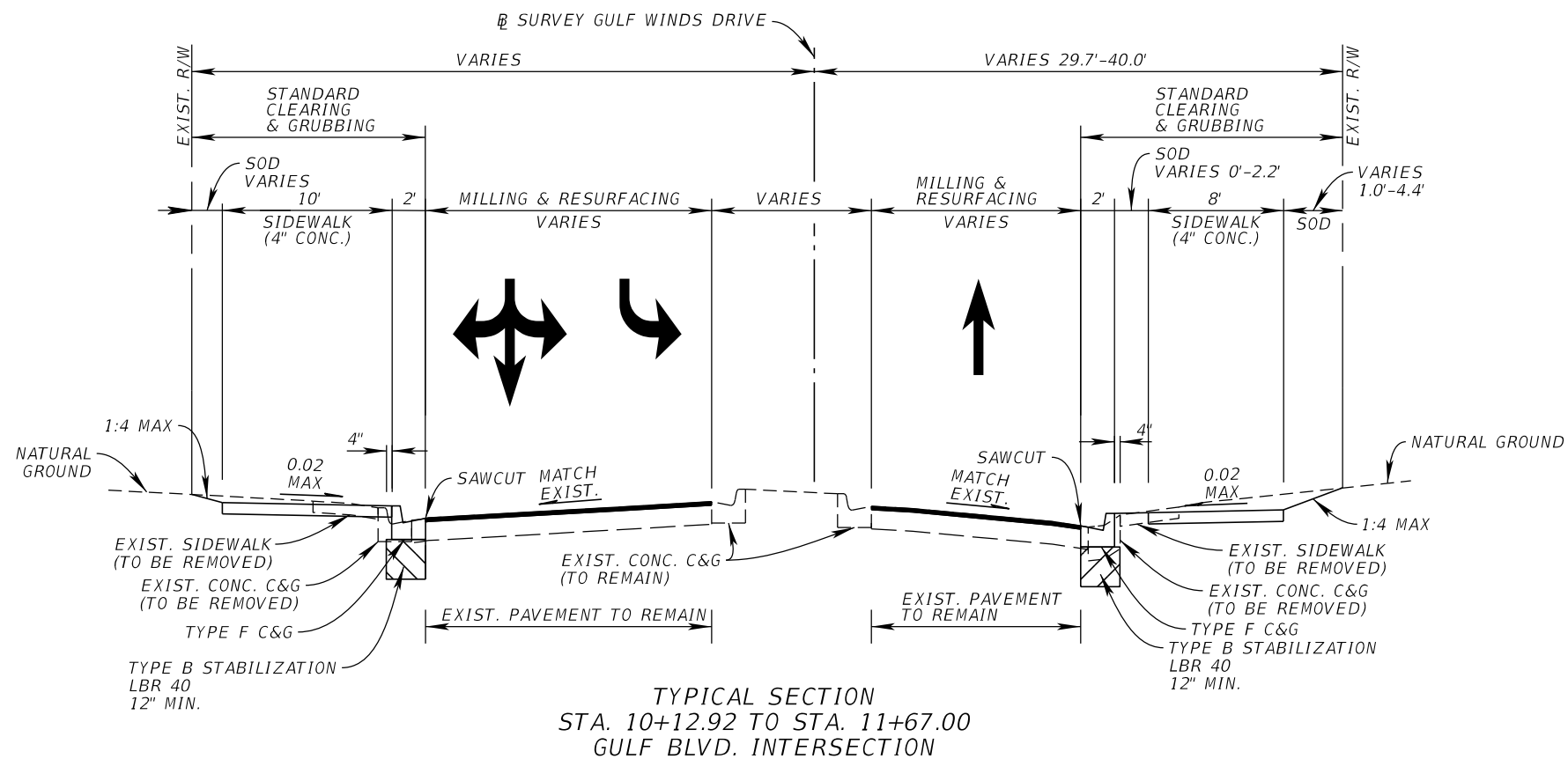
PROPOSED DRAINAGE MAP

SHEET NO.

5

Page 257 of 448

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MILLING

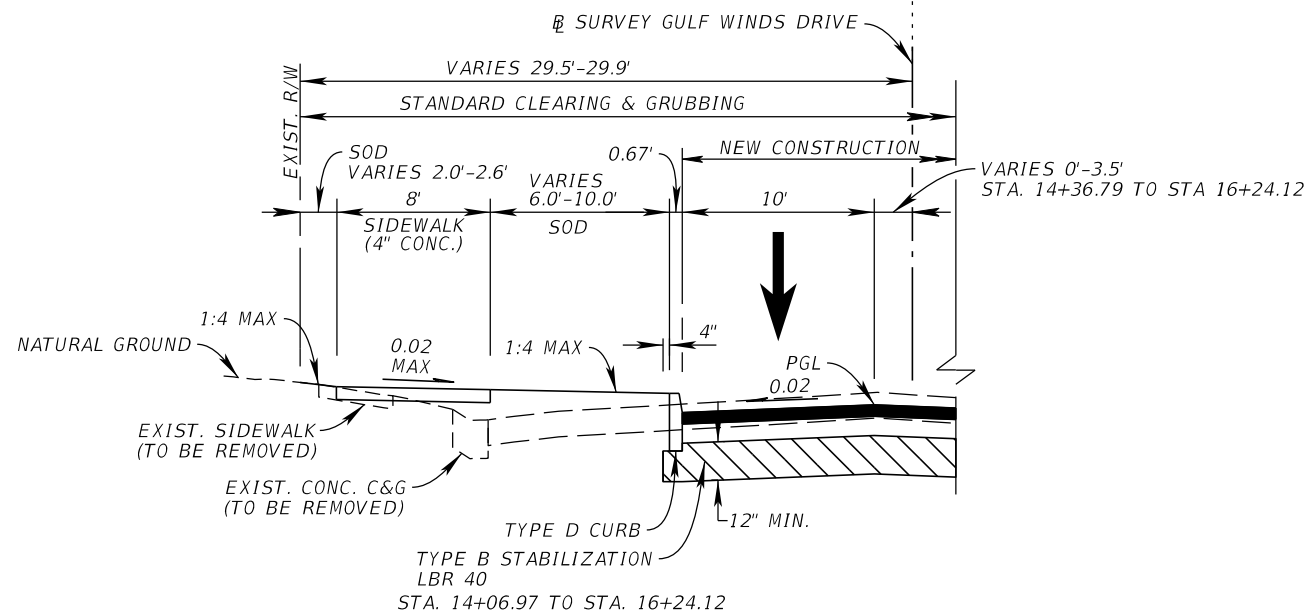
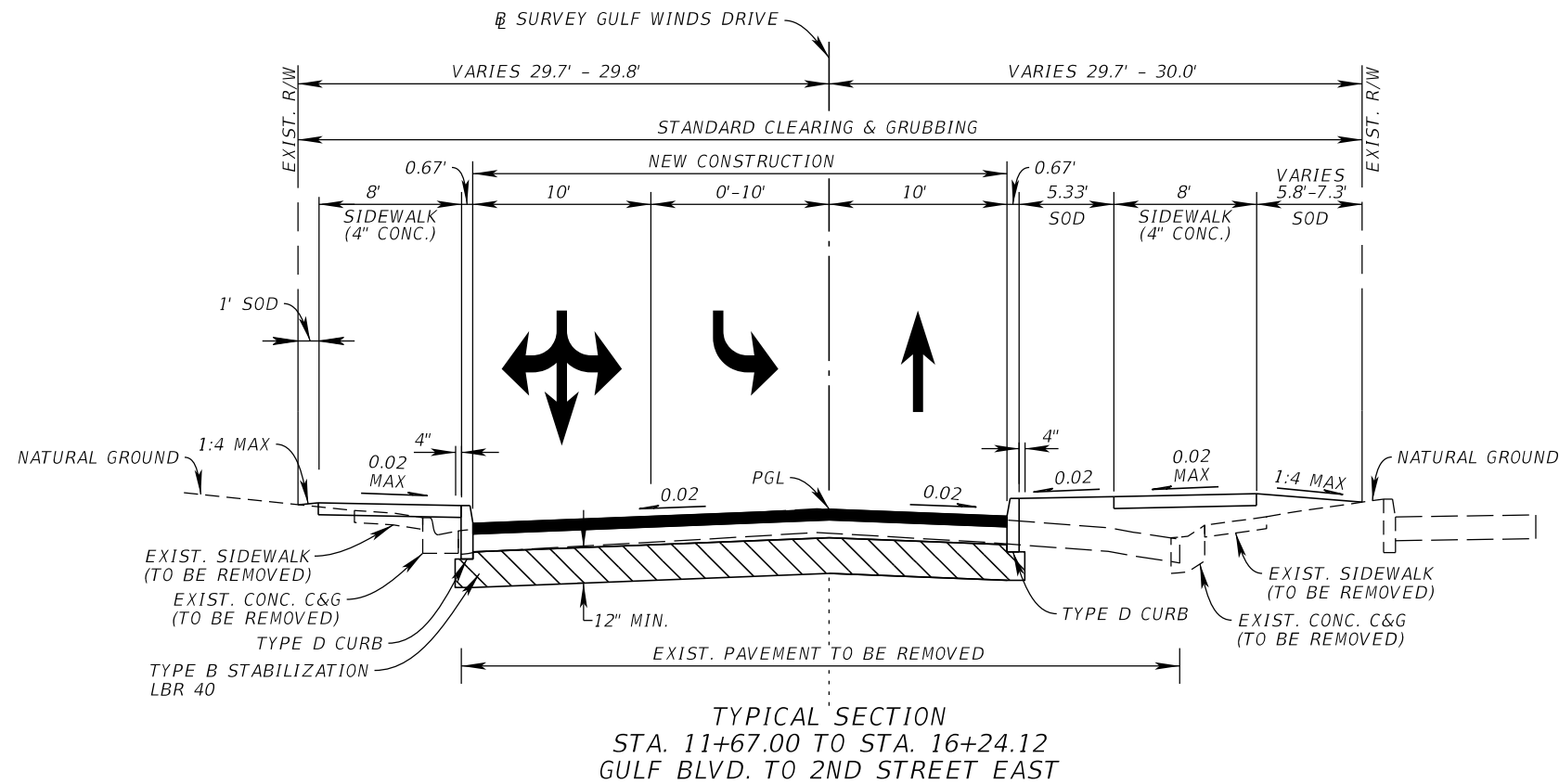
MILL EXISTING ASPHALT PAVEMENT (1")

RESURFACING

STRUCTURAL COURSE, TYPE SP-9.5 (TRAFFIC C) (1")

DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH

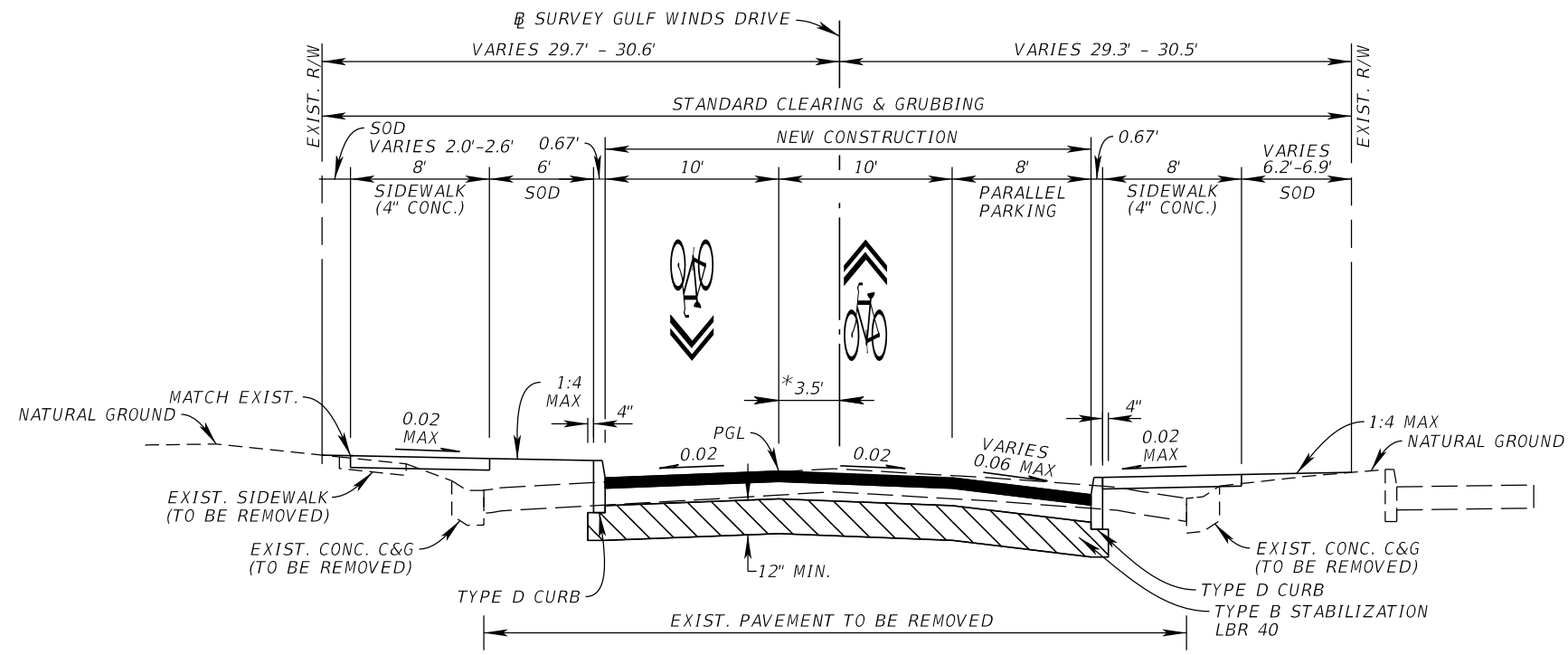
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		TYPICAL SECTIONS Page 258 of 448	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



NEW CONSTRUCTION
 OPTIONAL BASE GROUP 4 - (CRUSHED CONCRETE OR TYPE B-12.5 ONLY)
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.00")

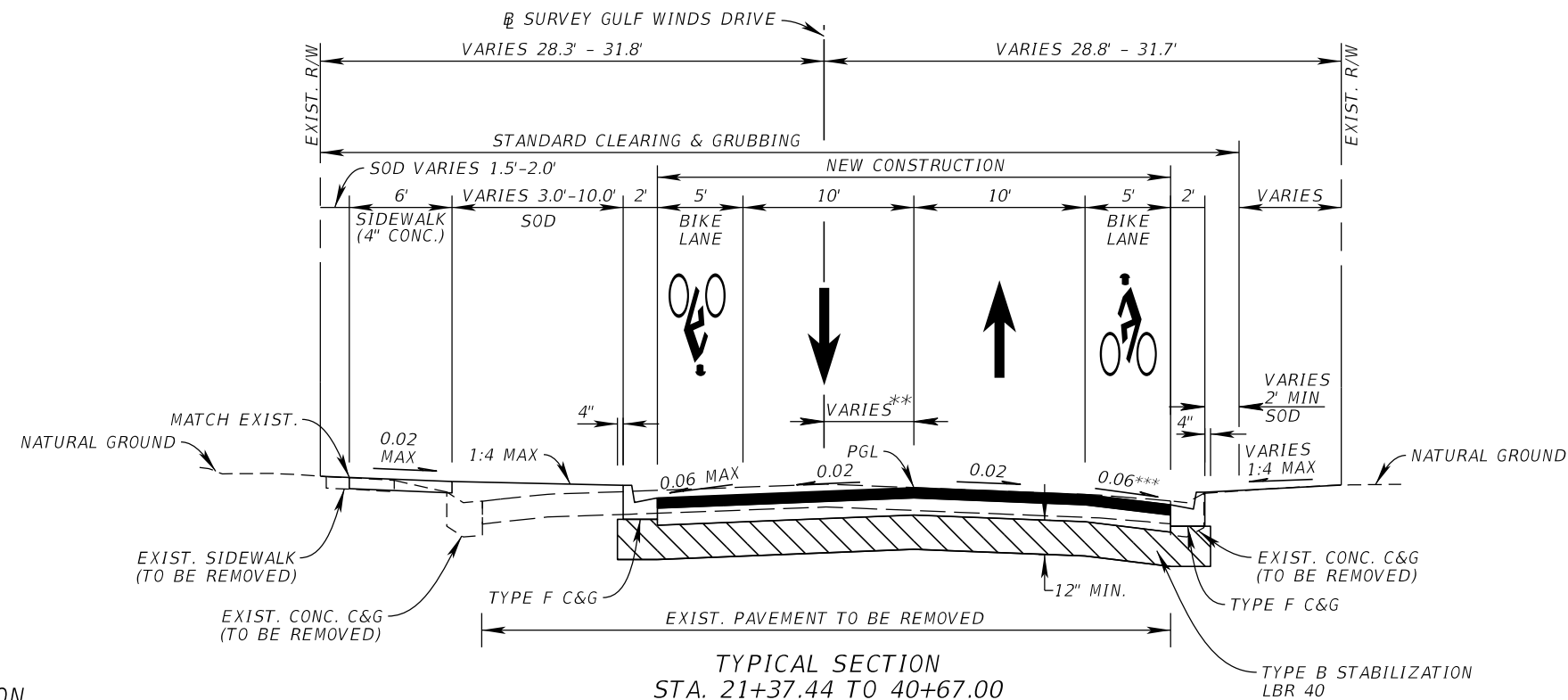
DESIGN SPEED = 25 MPH
 POSTED SPEED = 25 MPH

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



* 3.5' LT TO 0' RT (STA. 20+88.75 TO STA. 21+37.44)

TYPICAL SECTION
STA. 16+24.12 TO STA. 21+37.44
2ND STREET EAST TO 64TH AVE.



** 5.0' RT TO 2.25' LT

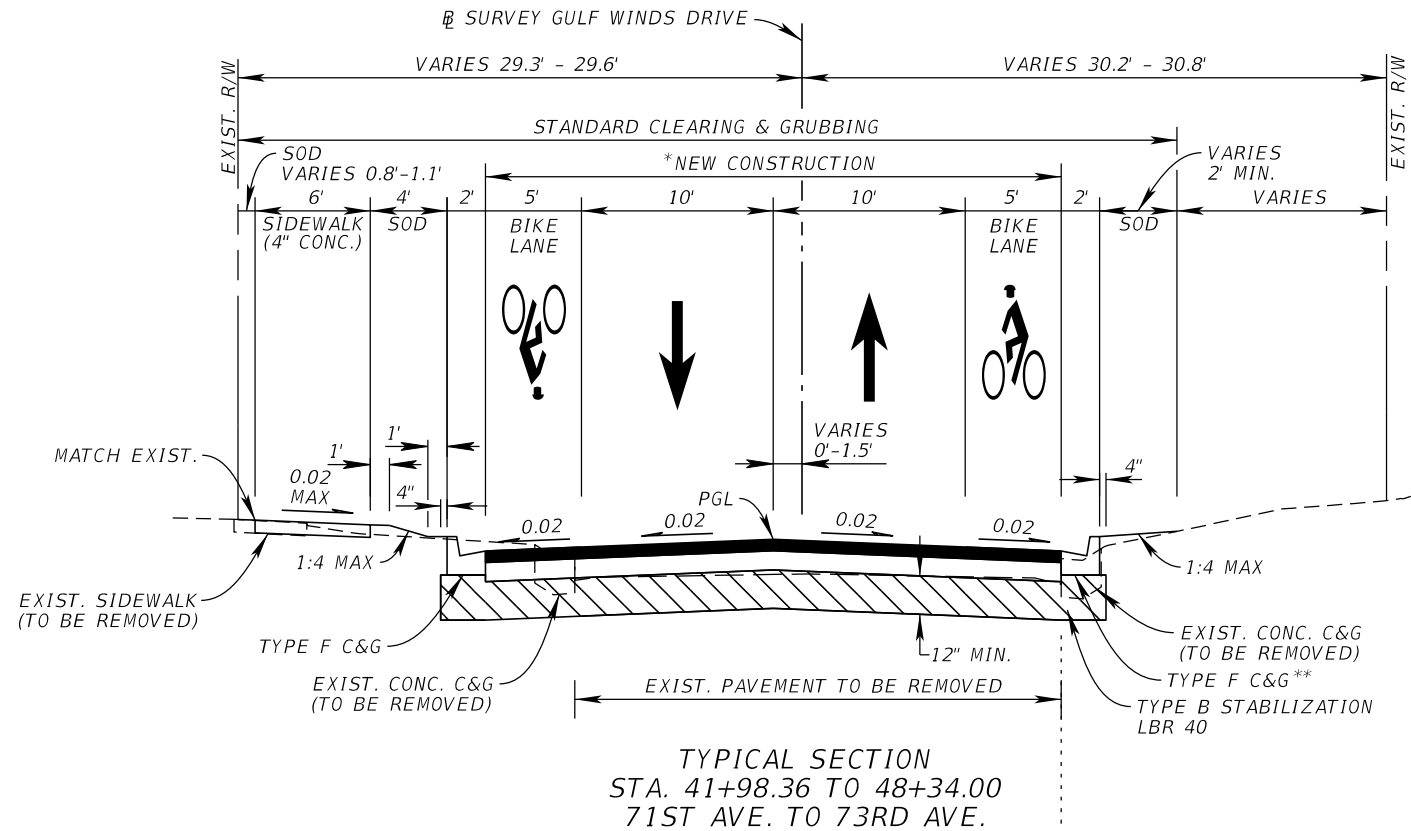
*** 0.02 FROM STA. 29+49.00 TO STA. 32+90.00

NEW CONSTRUCTION

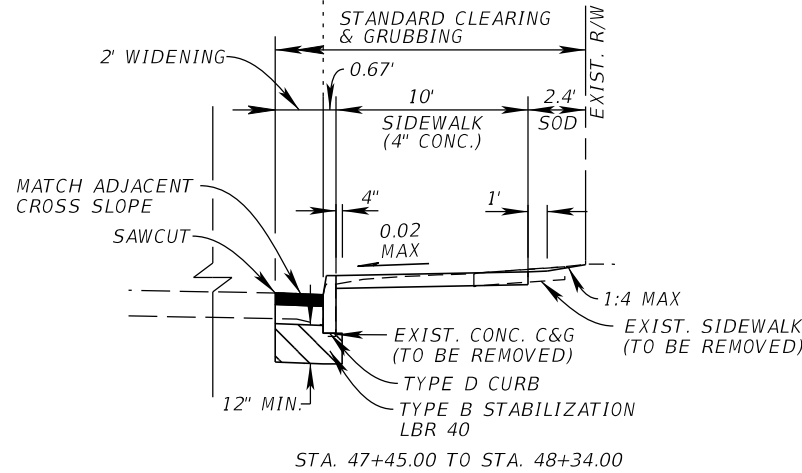
OPTIONAL BASE GROUP 4 - (CRUSHED CONCRETE OR TYPE B-12.5 ONLY)
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.00")

DESIGN SPEED = 25 MPH
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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		TYPICAL SECTIONS Page 260 of 448	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



* STA. 41+98.36 TO STA. 47+45.00
** TYPE D CURB STA. 47+36.61 TO STA. 47+45.00



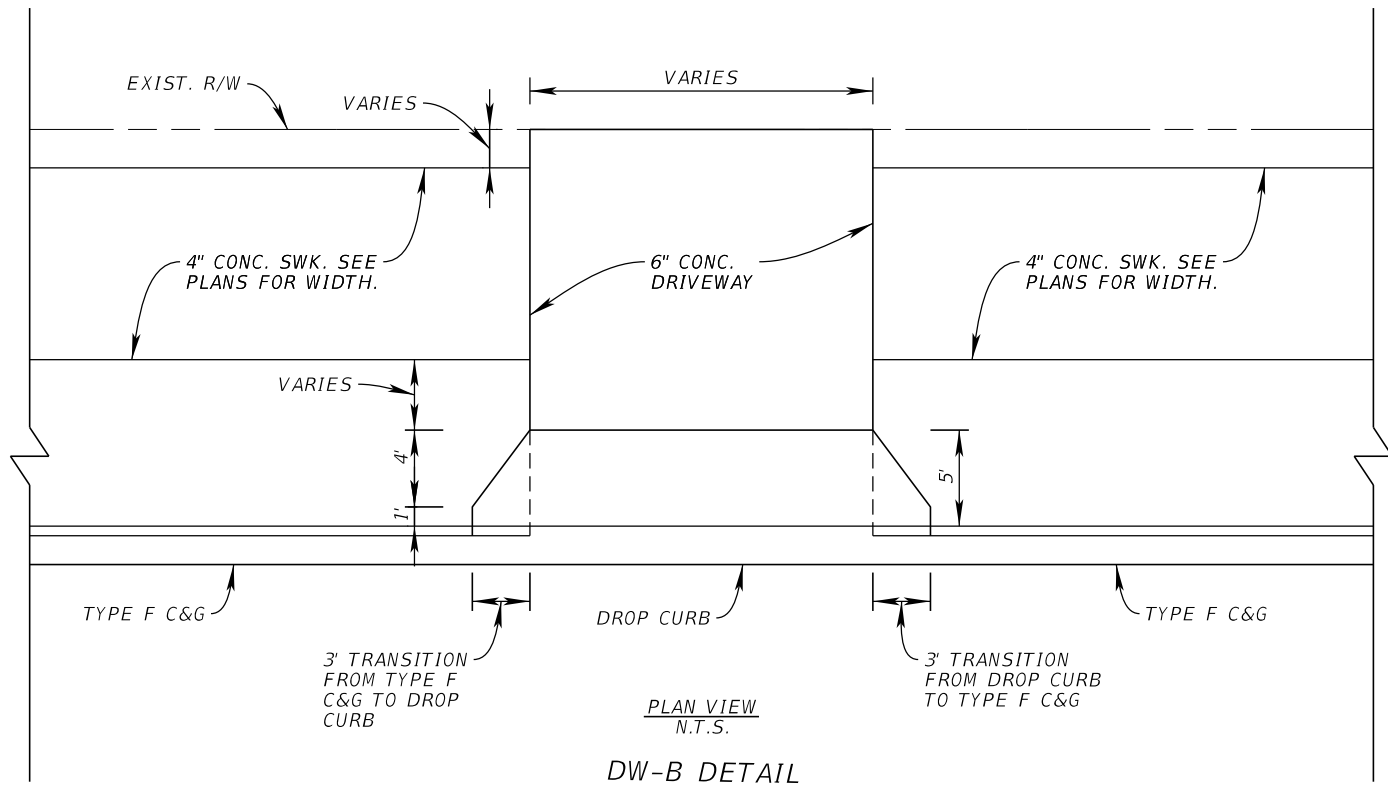
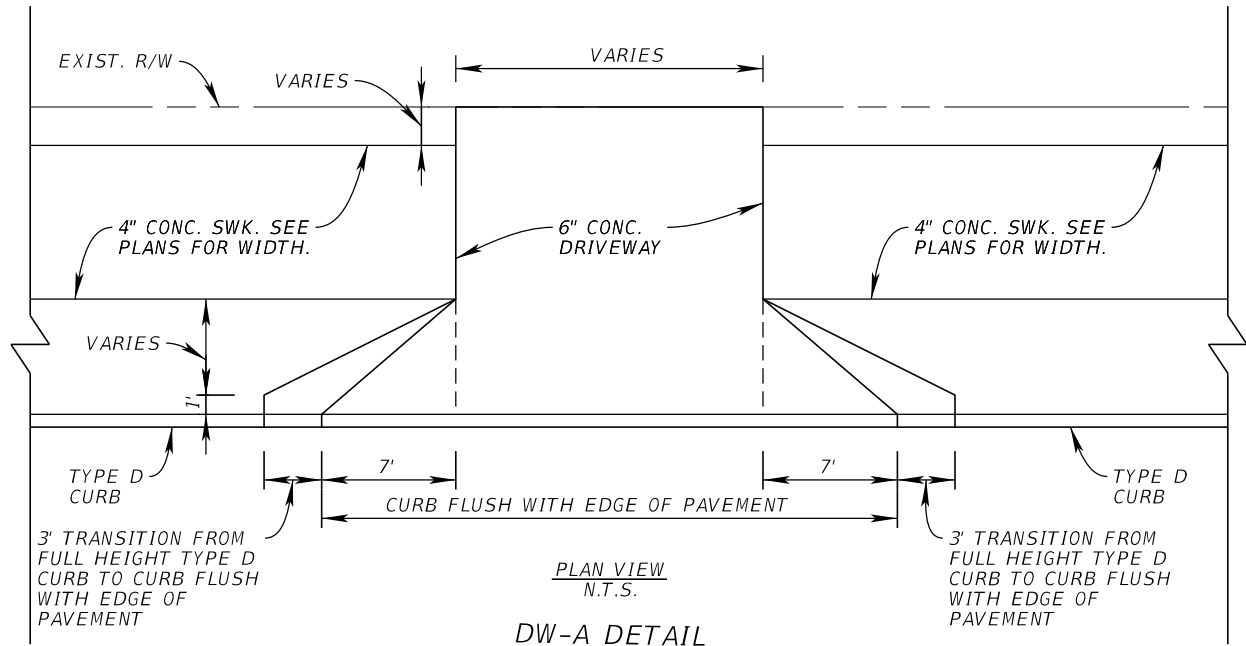
NEW CONSTRUCTION

OPTIONAL BASE GROUP 4 - (CRUSHED CONCRETE OR TYPE B-12.5 ONLY)
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.00")

DESIGN SPEED = 25 MPH
POSTED SPEED = 25 MPH

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		TYPICAL SECTIONS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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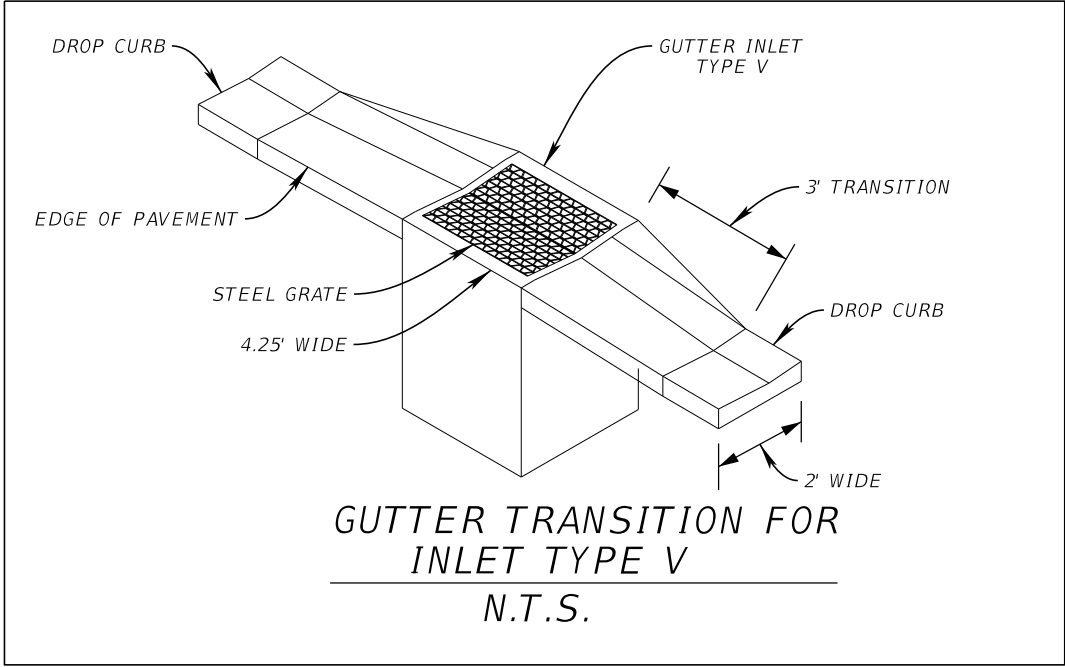
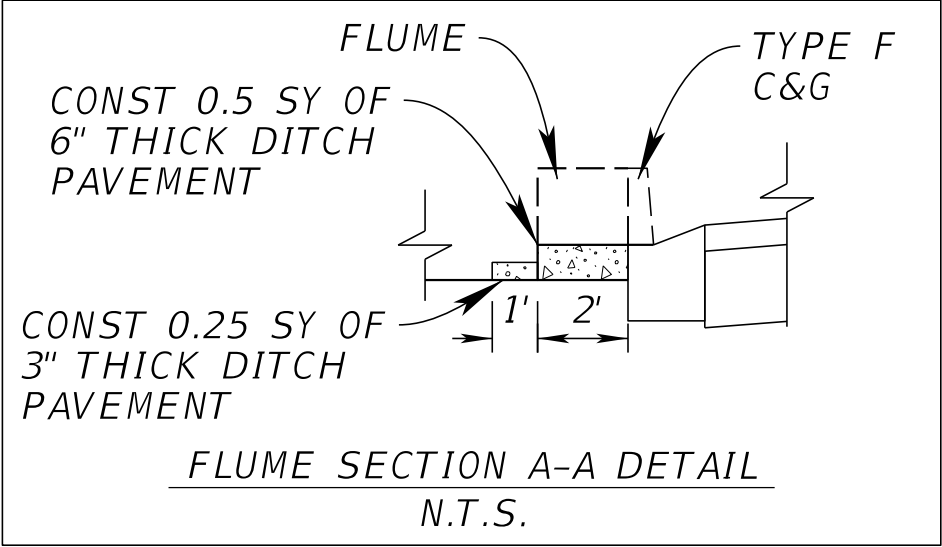
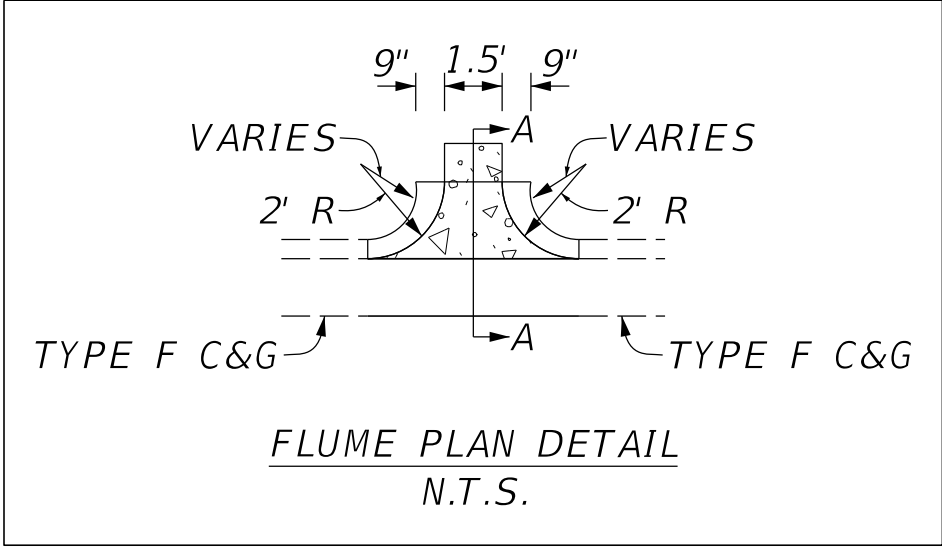


NOTE:
SEE PLANS AND DRIVEWAY SECTIONS FOR ADDITIONAL INFORMATION.

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		DRIVEWAY DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		19 Page 262 of 448
					ST. PETE BEACH	PINELLAS		

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL								CURB INLET			MANHOLES			DITCH BOTTOM INLETS							GUTTER INLETS		REMARKS
						ROUND						ELLIPSE		P-5	P-6	P-6	P-7	J-7	C	C	C-J BOT	D	D	H	V	V			
						4"	12"	15"	18"	24"	30"	42"	12" x 18"	14" x 23"	<10'	<10'	PARTIAL	PARTIAL	<10'	PARTIAL	<10'	<10'	<10'	<10'	PARTIAL	<10'	<10'	PARTIAL	
P F	S-100	10+24.32	RT	Inlet, Pipe	1											1												CONC. JACKET	
P F	S-103	11+73.30	LT	Inlet, Pipe	1						10					1												CONC. JACKET (2) 3'X5' J-BOTTOM	
P F	S-104	14+40.00	RT	Inlet, Pipe	1				154																1				
P F	S-105	15+82.94	RT	Manhole, Pipe	1							8						1										CONC. JACKET (2), 3.5'X5' J-BOTTOM	
P F	S-106	15+89.77	RT	Inlet, Pipe	1				5																1				
P F	S-107	15+94.19	RT	Manhole, Pipe	1							8							1									CONC. JACKET (2) 7' ROUND BOTTOM CAST-IN-PLACE	
P F	S-108	16+00.75	RT	Manhole	1												1												
P F	S-109	16+10.00	LT	Inlet, Pipe	1							4								1								CONC. JACKET 8' ROUND BOTTOM	
P F	S-110	16+14.75	LT	Manhole, Pipe	1							4						1											
P F	S-111	16+20.00	RT	Inlet, Pipe	1				22																	1			
P F	S-112A	16+54.00	LT	MES, Pipe	1	28																						4" MES (2)	
P F	S-112B	16+54.00	LT	Pipe End																									
P F	S-113	18+95.00	LT	Inlet, Pipe	1				279																	1			
P F	S-116	21+14.40	LT	Inlet, Pipe	1		10						17													1		CONC. JACKET (2)	
P F	S-117	21+15.00	RT	Inlet, Pipe	1		8																	1				CONC. JACKET (2)	
P F	S-118	21+49.70	RT	Inlet, Pipe	1				30											1									
P F	S-119	21+48.40	RT	Inlet, Pipe	1								32								1								
P F	S-119A	21+72.70	LT	Inlet, Pipe	1								27								1								
P F	S-122	28+67.00	LT	Inlet, Pipe	1								36								1								
P F	S-123	28+67.00	RT	Inlet, Pipe	1								17	1															
P F	S-126	28+84.94	RT	Manhole, Pipe	1		4											1										CONC. JACKET	
P F	S-136A	37+63.90	LT	Inlet, Pipe	1					4					1													CONC. JACKET	
P F	S-141	38+03.58	RT	Inlet															1										
P F	S-142	37+92.25	LT	Inlet, Pipe	1																				1			7' ROUND BOTTOM	
P F	S-144	40+88.56	LT	Inlet																				1				TRAFFIC LOADING GRATE	
P F	S-148	41+67.53	LT	Inlet									8								1							TRAFFIC LOADING GRATE W/ CORNER	
P F	S-150	43+80.00	RT	Inlet, Pipe	1			37													1								
P F	S-151	43+80.00	LT	Inlet, Pipe	1			200													1								
P F	S-154	46+95.38	RT	Inlet, Pipe	1		4																			1		CONC. JACKET	
P F	S-155	46+95.38	LT	Inlet																						1		CAST IN PLACE	
P F	S-156	47+22.10	LT	Pipe	1			4																				CONC. JACKET (2)	
Summary:						28	26	241	490	4	10	24	76	61	2	1	1	3	2	1	6	1	1	1	1	7	1		

REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE., SUITE 1000 ORLANDO, FL 32801	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SUMMARY OF DRAINAGE STRUCTURES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		Page 11 263
					ST. PETE BEACH	PINELLAS		



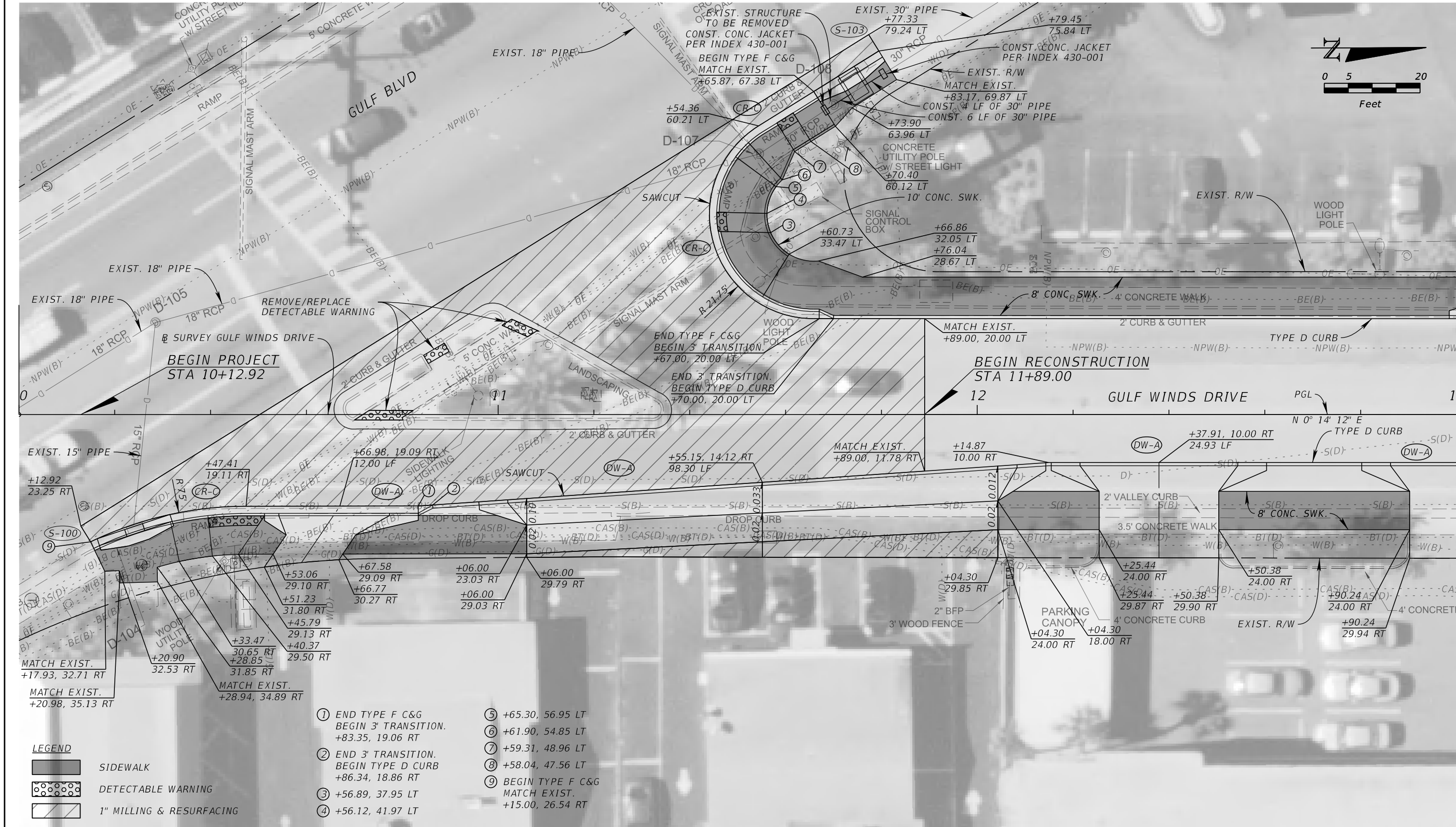
REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE., SUITE 1000 ORLANDO, FL 32801	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SHEET NO. 12 Page 264 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY	
					ST. PETE BEACH	PINELLAS	



LEGEND
ROADWAY PLAN

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		PROJECT LAYOUT	SHEET NO. 13 Page 265 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

GENERAL NOTES:				UTILITIES:																																	
1. ELEVATIONS OF PROJECT CONTROL POINTS WERE ESTABLISHED BY A CLOSED LOOP DIGITAL LEVEL BENCHRUN BEGINNING ON NGS CONTROL POINT BLIND P (PID AG0352, ELEVATION=6.47 FEET) AND ENDING ON NGS CONTROL POINT BLIND (PID AG0337, ELEVATION 3.26 FEET). THE VERTICAL DATUM IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88). 2. COORDINATES FOR PROJECT CONTROL POINTS WERE ESTABLISHED BY REAL-TIME KINEMATIC GPS METHODOLOGY UTILIZING THE FLORIDA PERMANENT REFERENCE NETWORK (FPRN) FOR CORRECTIONS AND TIED TO NGS CONTROL POINT BLIND (PID AG0337, NORTHING=1,242,583.02, EASTING=412,087.64). THE HORIZONTAL DATUM IS RELATIVE TO NORTH AMERICAN DATUM 1983, 2011 ADJUSTMENT (NAD83/2011). 3. ALL MATERIALS NOT CLAIMED BY THE CITY MUST BECOME THE PROPERTY OF THE CONTRACTOR, AND MUST BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THE COST FOR THIS WORK IS INCLUDED IN THE UNIT PRICE BID FOR CLEARING AND GRUBBING. 4. ALL EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN PROJECT LIMITS ARE TO REMAIN UNLESS OTHERWISE SPECIFIED IN THE PLANS. 5. ALL DISTURBED AREAS, INCLUDING AREAS OUTSIDE THE CONSTRUCTION LIMITS, MUST BE RETURNED TO THEIR PRE-CONSTRUCTION CONDITION AT NO ADDITIONAL EXPENSE TO THE CITY. SEEDING MUST NOT BE USED AS FINAL GROUND COVER EXCEPT WHERE SPECIFICALLY SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER. 6. ALL DISTURBED AREAS IN THE RIGHT-OF-WAY SHALL BE SODDED, EXCEPT THOSE NOTED IN THE PLANS. 7. THE ENGINEER MUST RECEIVE PERMISSION FROM THE PROPERTY OWNER THROUGH A RIGHT OF ENTRY AGREEMENT AND\OR A SIDEWALK, UTILITY, OR DRAINAGE EASEMENT PRIOR TO ANY GRADING OR CONSTRUCTION BEYOND THE RIGHT-OF-WAY. 8. ANY AND ALL EXISTING CONDITIONS MUST BE FIELD VERIFIED PRIOR TO COMMENCING CONSTRUCTION. THE ENGINEER MUST BE PROMPTLY NOTIFIED OF ANY DISCREPANCIES. 9. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED. 10. SURFACING MUST NOT BE APPLIED TO ANY MANHOLE COVERS, FRAMES, VALVE BOXES, GAS DROPS, ETC. 11. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS MUST REMAIN UNLESS OTHERWISE NOTED IN THE PLANS, OR AS DIRECTED BY THE ENGINEER. PROPOSED SIGN LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT, AS DIRECTED BY THE ENGINEER. 12. BLUE, BI-DIRECTIONAL RPMS MUST BE INSTALLED ADJACENT TO ALL FIRE HYDRANTS, PLACED PER FDOT TRAFFIC ENGINEERING MANUAL, SECTION 4.3 - USE OF BLUE RAISED PAVEMENT MARKERS TO IDENTIFY FIRE HYDRANTS. 13. ABOVE GROUND AND/OR UNDERGROUND UTILITIES MAY BE IN THE AREA OF THIS PROJECT - PROCEED WITH CAUTION - CALL "SUNSHINE 811" IN ADVANCE OF BEGINNING WORK, IN ACCORDANCE WITH CHAPTER 556, FLORIDA STATUTES, UNDERGROUND FACILITY DAMAGE PREVENTION & SAFETY ACT. ALL UTILITY OWNERS MAY NOT BE A MEMBER, REQUIRING DIRECT CONTACT. FURTHER COORDINATION WITH UTILITY OWNERS MAY BE NECESSARY TO RESOLVE CONFLICTS THAT MAY ARISE IN THE FIELD DURING CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY UTILITIES DAMAGED AS A RESULT OF FAILURE TO CALL "SUNSHINE 811" AND THE UTILITY OWNERS. 14. THE RESPONSIBLE UTILITY OWNER MUST BE NOTIFIED FOR RELOCATION OF METER BOXES FOR POTABLE AND NON-POTABLE WATER SERVICE. 15. SAWCUT EXISTING PAVEMENT AS NECESSARY TO PROVIDE A UNIFORM CONSTRUCTION JOINT FOR ALL AREAS REQUIRING ASPHALT WORK OR CURB CONSTRUCTION. THE COST OF SAWCUTTING A CLEAN CONSTRUCTION JOINT WILL BE INCIDENTAL TO THE ADJACENT WORK. 16. SHEETING, SHORING, AND BRACING MUST BE PROVIDED TO PROTECT ADJACENT STRUCTURES AND UTILITIES, OR TO MINIMIZE TRENCH WIDTH. THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED IS INCLUDED IN THE UNIT PRICE BID FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED, UNLESS OTHERWISE PROVIDED FOR SEPARATELY IN THE BID SUBMITTAL SHEETS.				17. PIPE CONNECTIONS TO EXISTING STRUCTURES WITHIN FDOT RIGHT-OF-WAY: A. THE HOLE INTO THE EXISTING STRUCTURE MUST BE SAW CUT OR CORE DRILLED. B. USE NON-SHRINKING GROUT TO FILL ALL GAPS AROUND THE JOINT. C. AFTER PIPE IS CONNECTED WITH THE INLET, THE END OF THE PIPE MUST BE CUT FLUSH WITH THE INSIDE SURFACE OF THE INLET. D. REFER TO FDOT STANDARD PLAN INDEX 425-001 FOR FILTER FABRIC WRAP ON GROUTED PIPE TO STRUCTURE JOINT DETAIL. 18. TRANSITION SIDEWALK CROSS SLOPE TO MATCH DRIVEWAY GRADE (0.02 MAX) 10' IN ADVANCE OF DRIVEWAYS. 19. ALL PROPOSED DRIVEWAYS SHALL BE 6" THICK CONCRETE UNLESS OTHERWISE NOTED IN THE PLANS. 20. DEVELOP AN EROSION CONTROL PLAN THAT INCLUDES THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. ANY EXCESS SEDIMENT SHALL BE REMOVED FROM PAVED AREAS DAILY, AND ROADWAY SWEEPERS SHALL BE UTILIZED DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS TO ENSURE SEDIMENT DOES NOT TRANSPORT INTO THE FDOT RIGHT OF WAY OR SIDE STREETS ADJACENT TO THE PROJECT WORK AREAS. LOADED HAUL TRUCKS SHALL BE COVERED WITH A TARPULIN WHEN LEAVING THE WORK AREA.				EXCEPT WHERE THE PLANS AND\SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT, ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED, OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE THEIR SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES. THE OWNERS HAVING LINES AND FACILITIES ARE INCLUDED BUT NOT LIMITED TO THE FOLLOWING:																													
				<table><tr><td>COMPANY</td><td>CONTACT</td><td>PHONE</td></tr><tr><td>CITY OF ST. PETE BEACH</td><td>BRETT WARNER</td><td>727-363-9254</td></tr><tr><td>DUKE ENERGY</td><td>ART GILMORE</td><td>727-895-9255</td></tr><tr><td>FRONTIER COMMUNICATIONS</td><td>GRANVILLE STEPHENS</td><td>813-875-1014</td></tr><tr><td>PINELLAS COUNTY HIGHWAY ENGINEERING</td><td>JAMES JOHNSON</td><td>727-464-8981</td></tr><tr><td>PINELLAS COUNTY UTILITIES</td><td>BILLY BAY</td><td>727-464-4220</td></tr><tr><td>SPECTRUM</td><td>ANDREW HOLTZHOUSE</td><td>727-873-3663</td></tr><tr><td>TECO PEOPLE'S GAS</td><td>BOLIVAR FELIZ NUNEZ</td><td>813-275-3712</td></tr><tr><td>UNITI FIBER</td><td>TERRY YOUNG</td><td>251-422-3872</td></tr><tr><td>ZAYO GROUP</td><td>HENRY KLOBUCAR</td><td>406-496-6510</td></tr></table>				COMPANY	CONTACT	PHONE	CITY OF ST. PETE BEACH	BRETT WARNER	727-363-9254	DUKE ENERGY	ART GILMORE	727-895-9255	FRONTIER COMMUNICATIONS	GRANVILLE STEPHENS	813-875-1014	PINELLAS COUNTY HIGHWAY ENGINEERING	JAMES JOHNSON	727-464-8981	PINELLAS COUNTY UTILITIES	BILLY BAY	727-464-4220	SPECTRUM	ANDREW HOLTZHOUSE	727-873-3663	TECO PEOPLE'S GAS	BOLIVAR FELIZ NUNEZ	813-275-3712	UNITI FIBER	TERRY YOUNG	251-422-3872	ZAYO GROUP	HENRY KLOBUCAR	406-496-6510
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PAY ITEM NOTES:																																					
526-1-2: TO INCLUDE LABOR AND MATERIALS FOR THE RESETING OF PAVER DRIVEWAYS.																																					
527-2: INCLUDES LABOR AND MATERIALS TO REMOVE EXISTING DETECTABLE WARNINGS AND REPLACE WITH NEW AT THE LOCATIONS NOTED ON THE ROADWAY PLAN SHEETS.																																					
				</																																	



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (1)	SHEET NO. 15 Page 267 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PROFILE (1)	SHEET NO.
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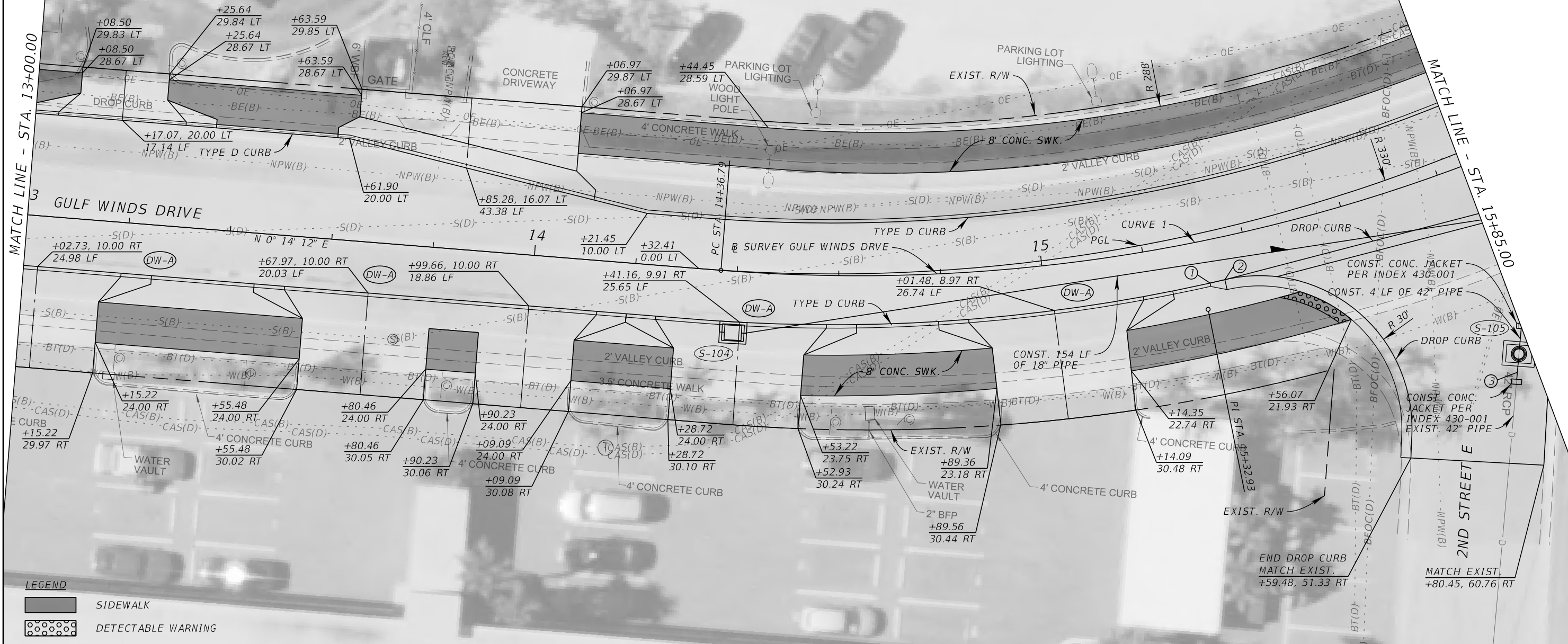
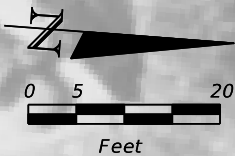
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MATCH LINE - STA. 13+00.00

MATCH LINE - STA. 15+85.00

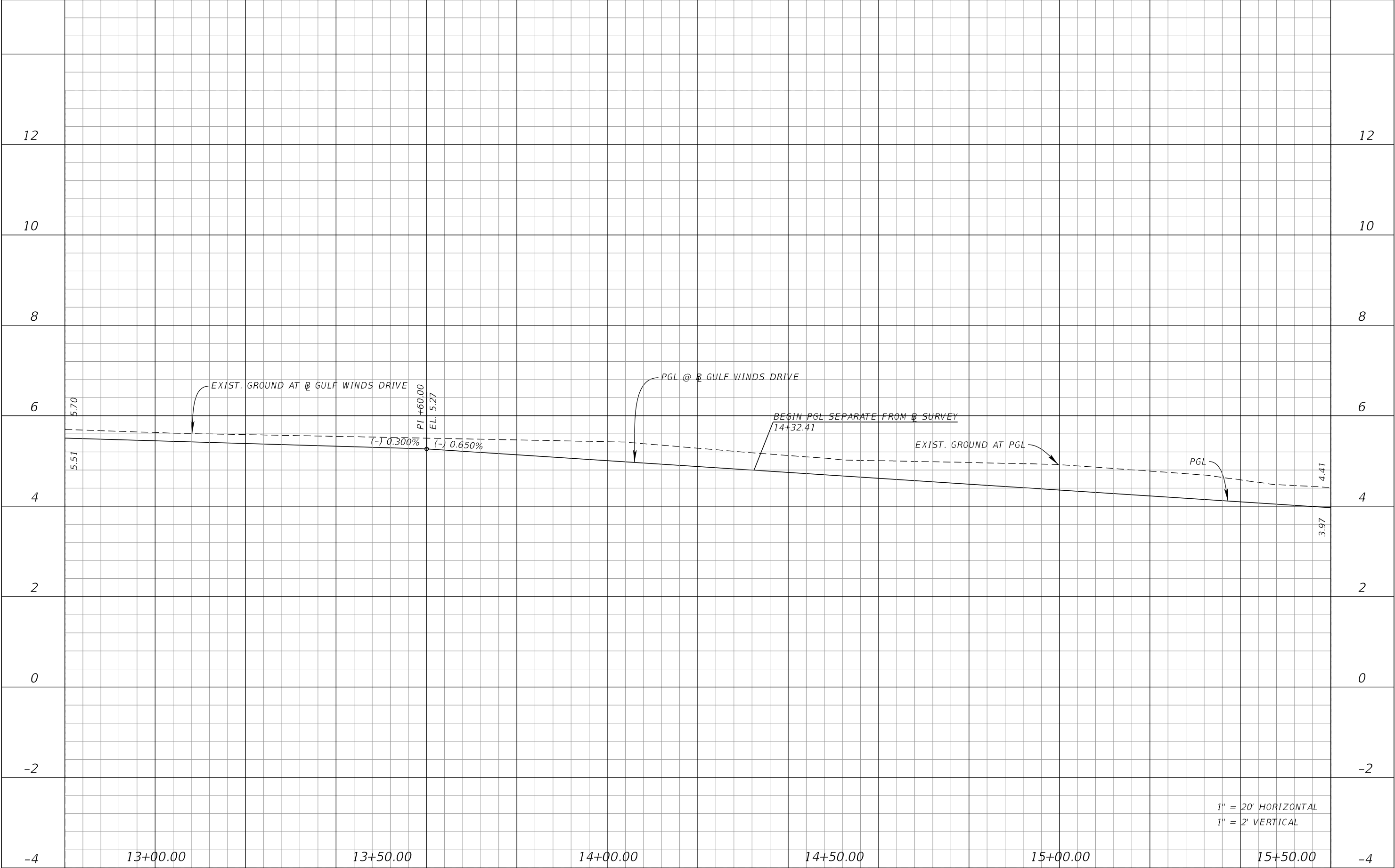
- ① END TYPE D CURB
BEGIN 3' TRANSITION
+31.80, 8.41 RT
- ② END 3' TRANSITION
BEGIN DROP CURB
+34.72, 8.35 RT
- ③ CONST. 4 LF OF 42" PIPE

CURVE 1
PI STA. = 15+32.93
Δ = 31° 45' 22" (LT)
D = 16° 57' 05"
T = 96.14
L = 187.34
R = 338.00
PC STA. = 14+36.79
PT STA. = 16+24.12
e = NC



- LEGEND
- SIDWALK
 - DETECTABLE WARNING

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (2)	SHEET NO. 17 Page 269 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

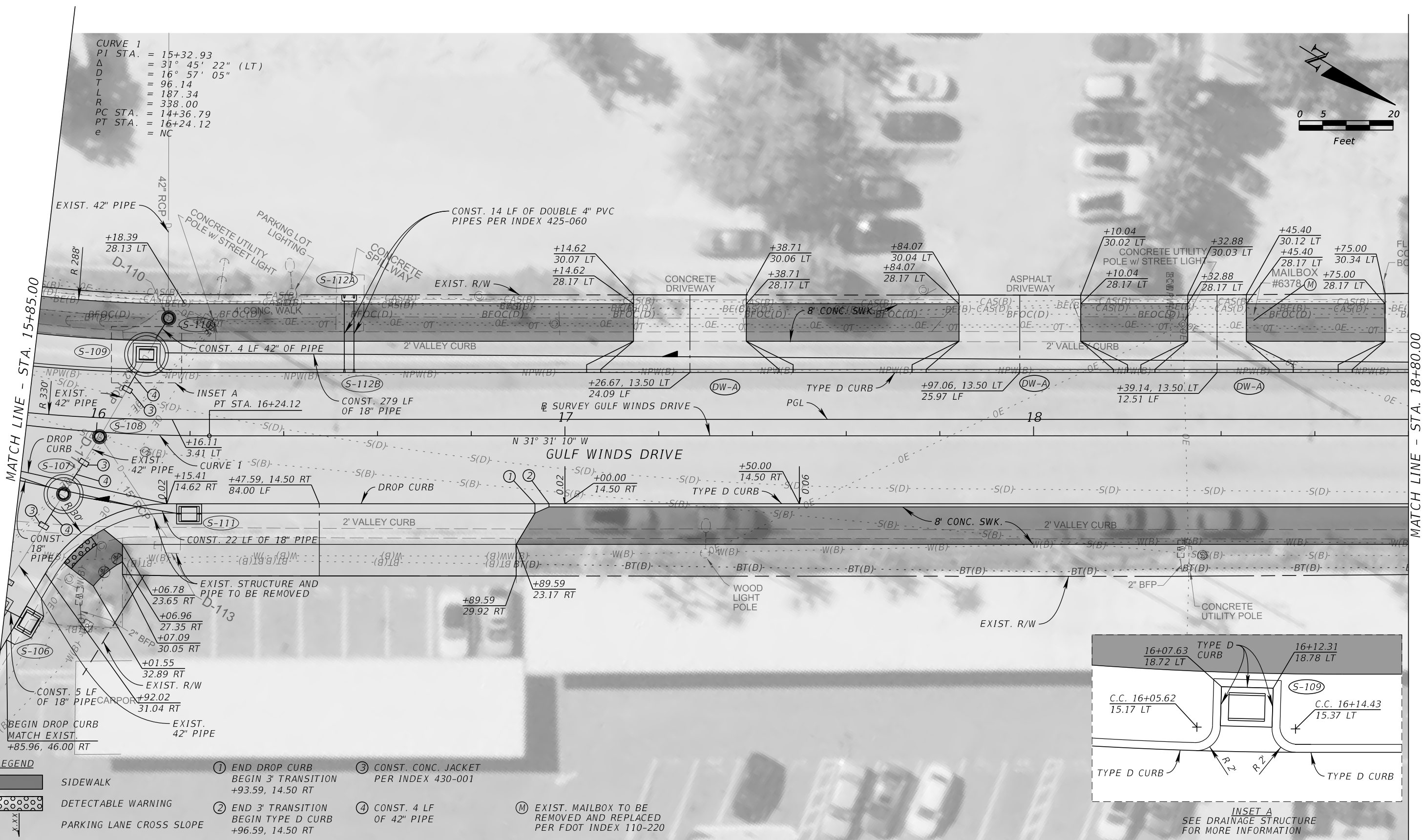
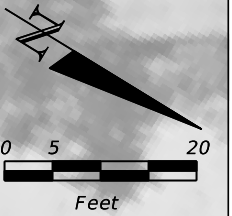


1" = 20' HORIZONTAL
1" = 2' VERTICAL

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		<i>ROADWAY PROFILE (2)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					18 Page 270 of
					CITY OF ST. PETE BEACH	COUNTY PINELLAS		

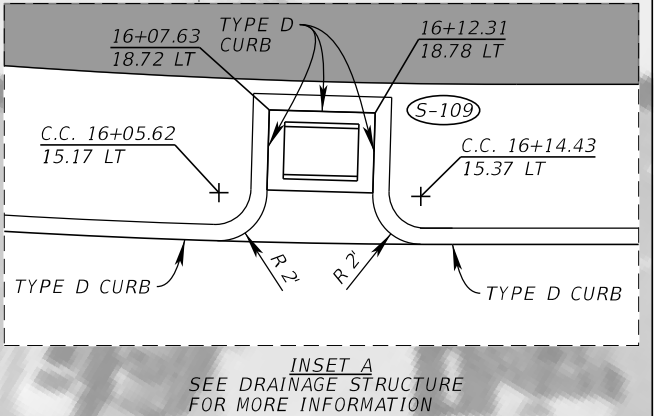
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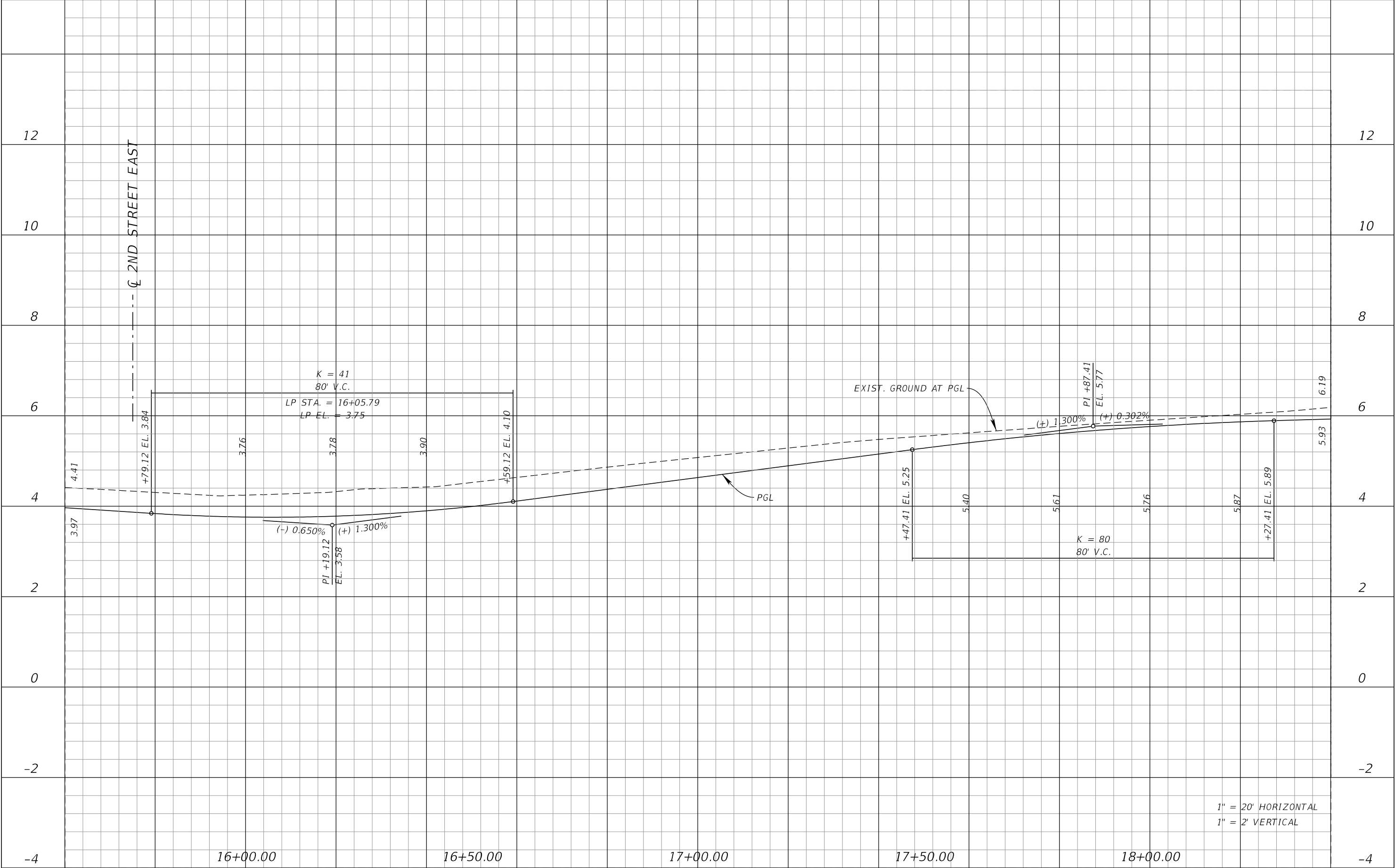


- LEGEND
- SIDEWALK
 - DETECTABLE WARNING
 - PARKING LANE CROSS SLOPE

- ① END DROP CURB
BEGIN 3' TRANSITION
+93.59, 14.50 RT
- ② END 3' TRANSITION
BEGIN TYPE D CURB
+96.59, 14.50 RT
- ③ CONST. CONC. JACKET
PER INDEX 430-001
- ④ CONST. 4 LF
OF 42" PIPE
- (M) EXIST. MAILBOX TO BE
REMOVED AND REPLACED
PER FDOT INDEX 110-220



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (3)	SHEET NO. 19 Page 271 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

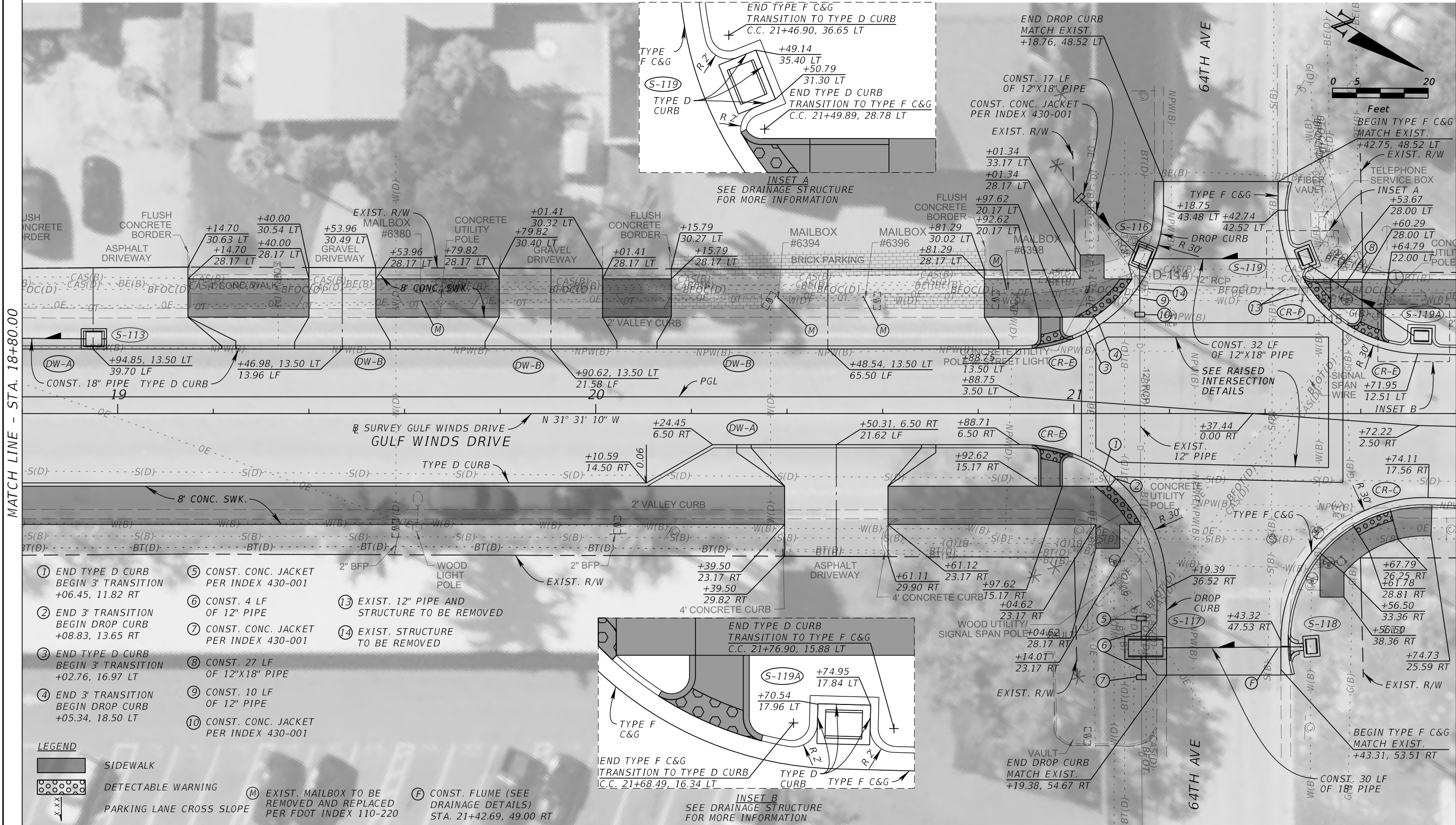


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DATE	DESCRIPTION	DATE	DESCRIPTION					
					CITY OF ST. PETE BEACH	COUNTY PINELLAS		

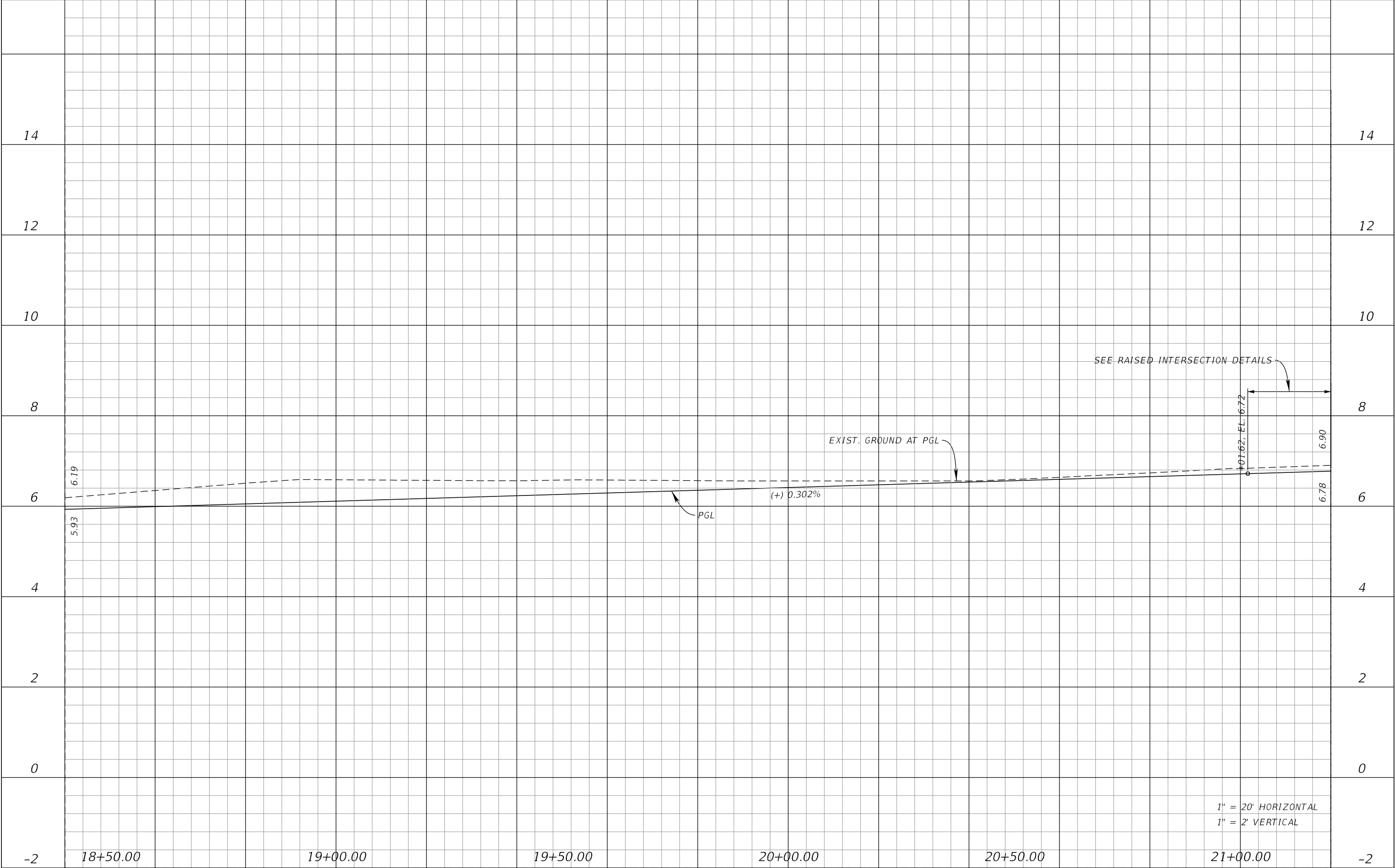
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MATCH LINE - STA. 18+80.00

MATCH LINE - STA. 21+80.00



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (4)	SHEET NO. 21 Page 273 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

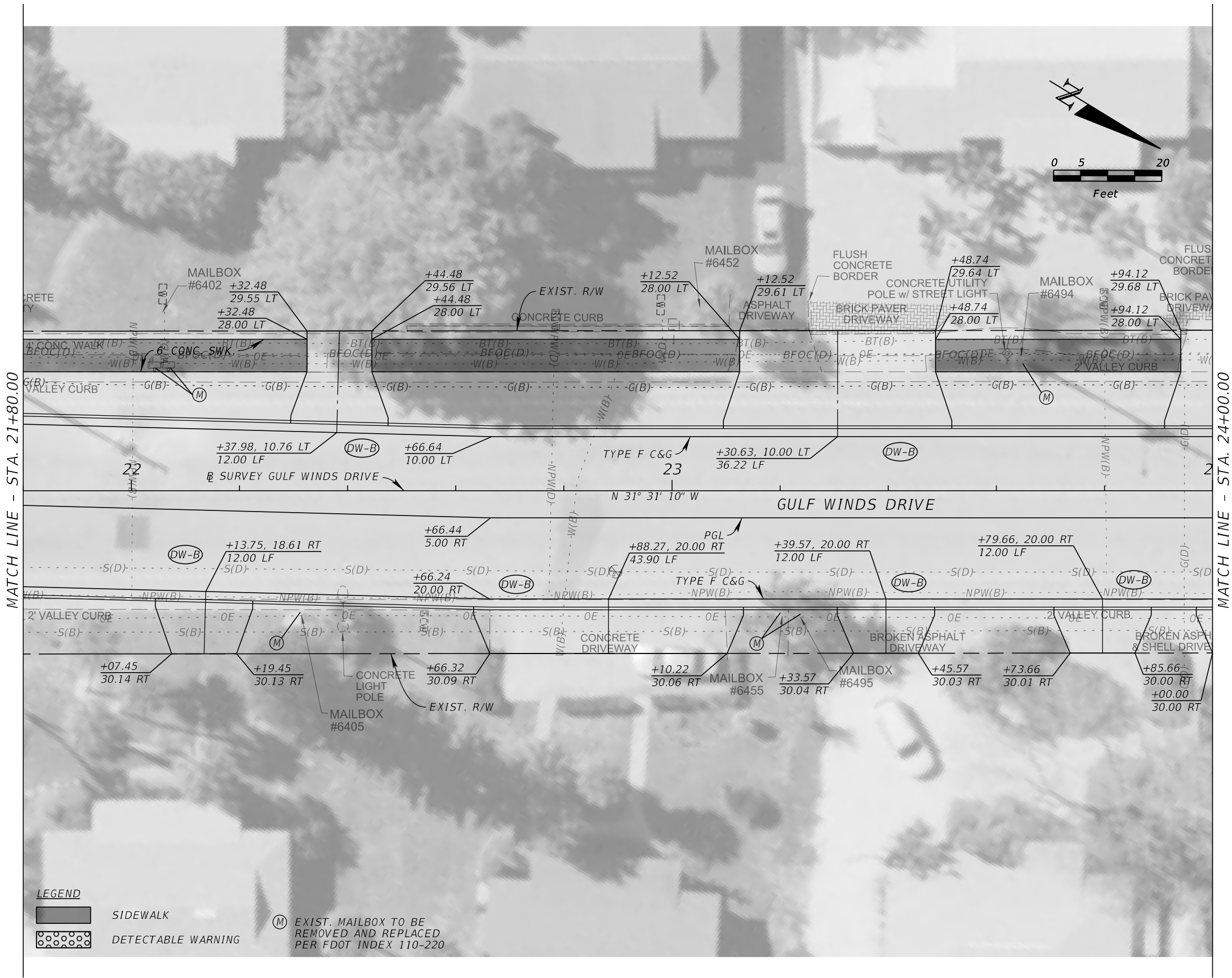


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DATE	DESCRIPTION	DATE	DESCRIPTION							

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LEGEND



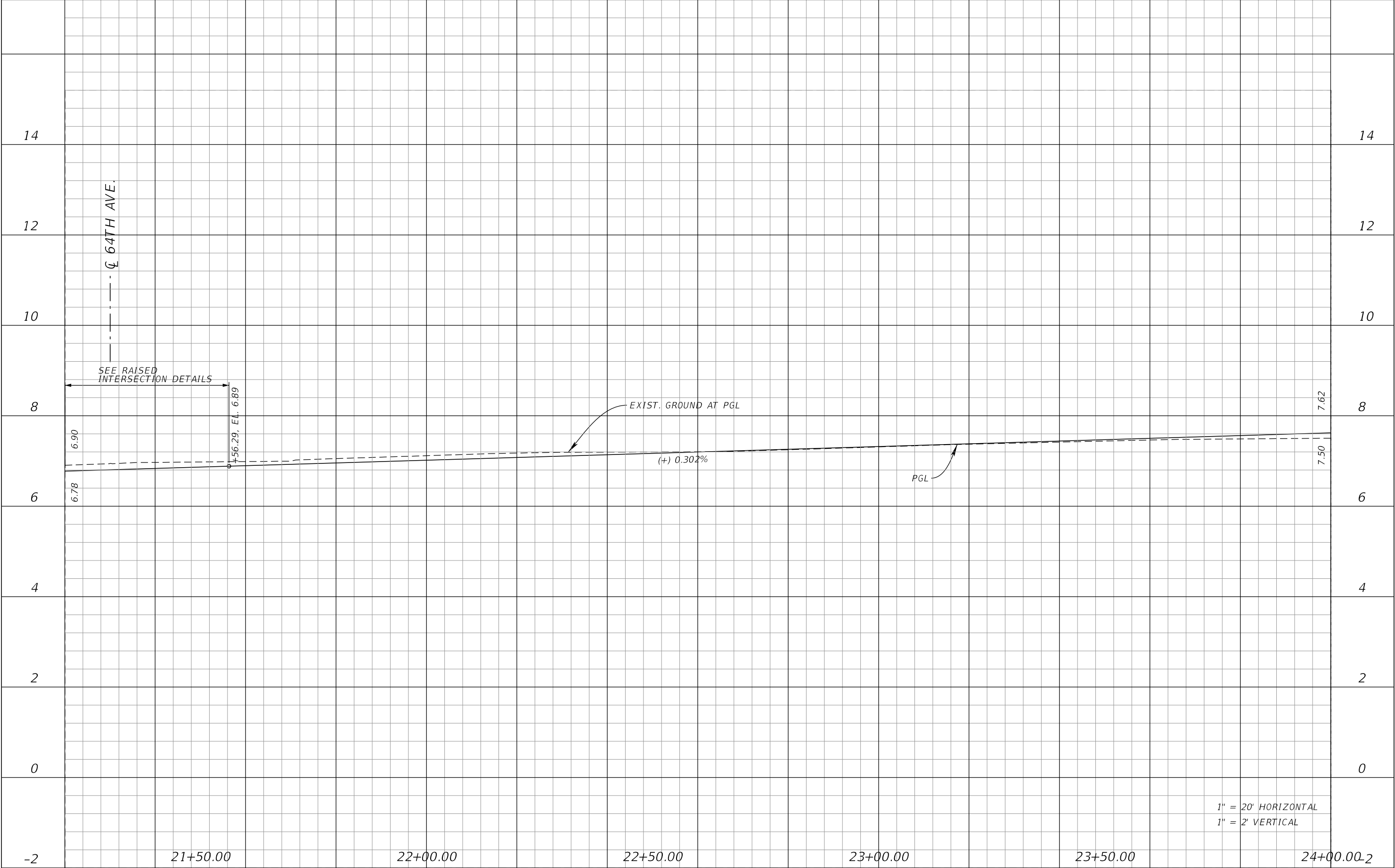
SIDEWALK

DETECTABLE WARNING

(M) EXIST. MAILBOX TO BE REMOVED AND REPLACED PER FDOT INDEX 110-220

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

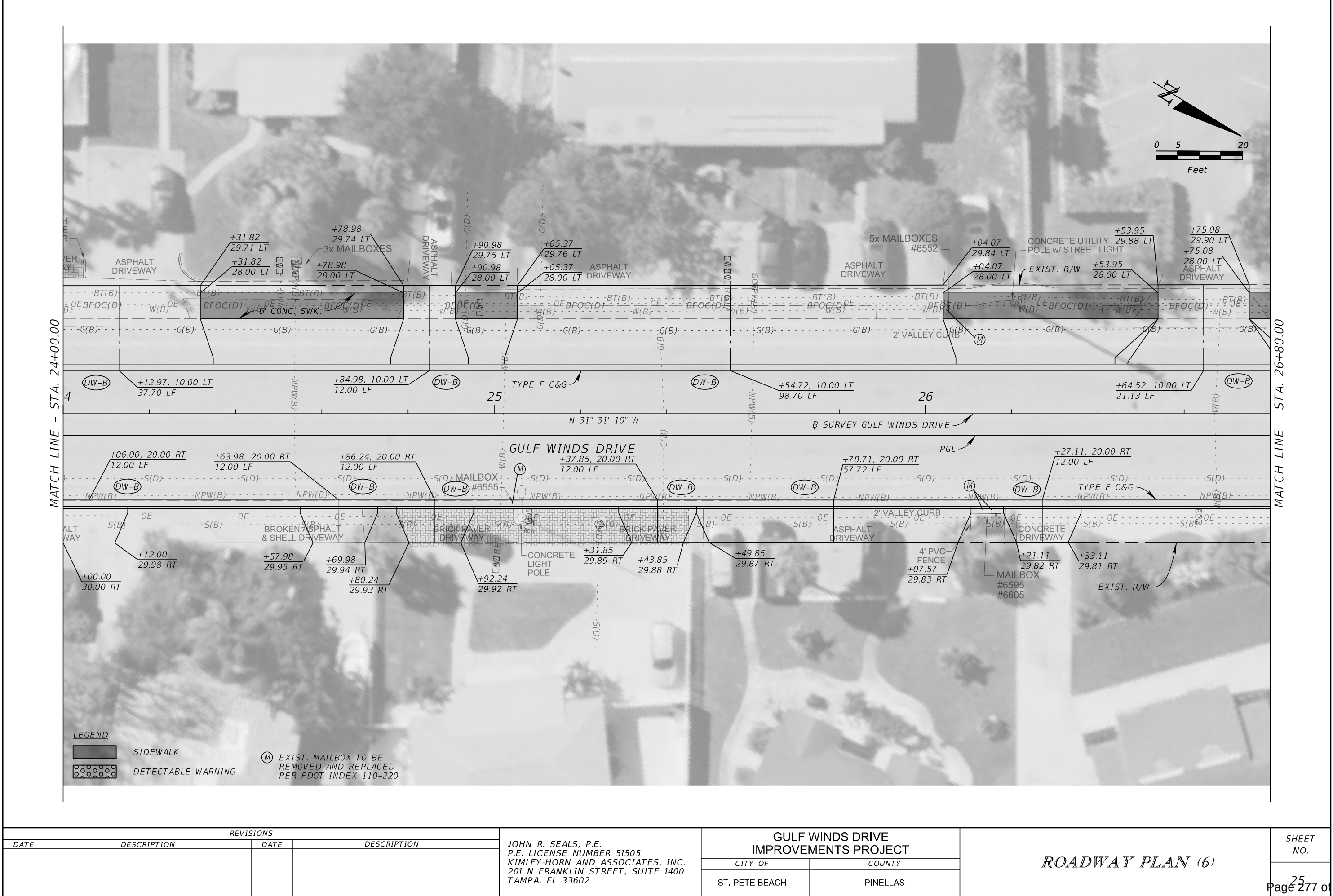
Page 275 of 448



1" = 20' HORIZONTAL
1" = 2' VERTICAL

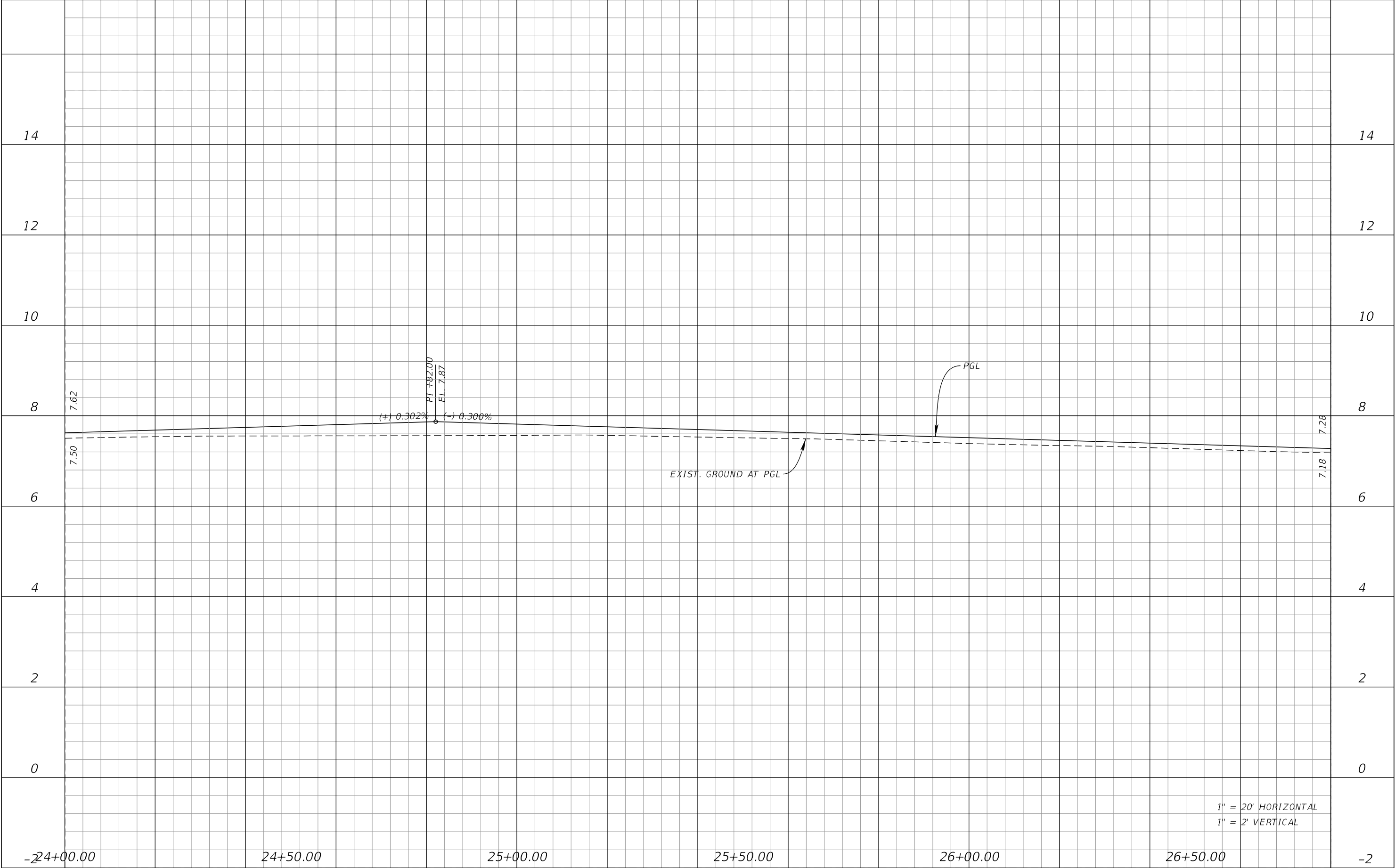
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		<i>ROADWAY PROFILE (5)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					24 Page 276 of

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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

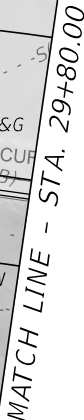
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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PROFILE (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
					CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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MATCH LINE - STA. 26+80.00



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

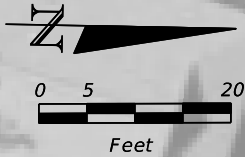


1" = 20' HORIZONTAL
1" = 2' VERTICAL

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PROFILE (7)		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION							
										28
				ST. PETE BEACH		PINELLAS				Page 280 of 448

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CURVE 2
PI STA. = 30+64.82
Δ = 46° 51' 57" (RT)
D = 19° 25' 20"
T = 127.86
L = 241.30
R = 295.00
PC STA. = 29+36.97
PT STA. = 31+78.27
e = NC



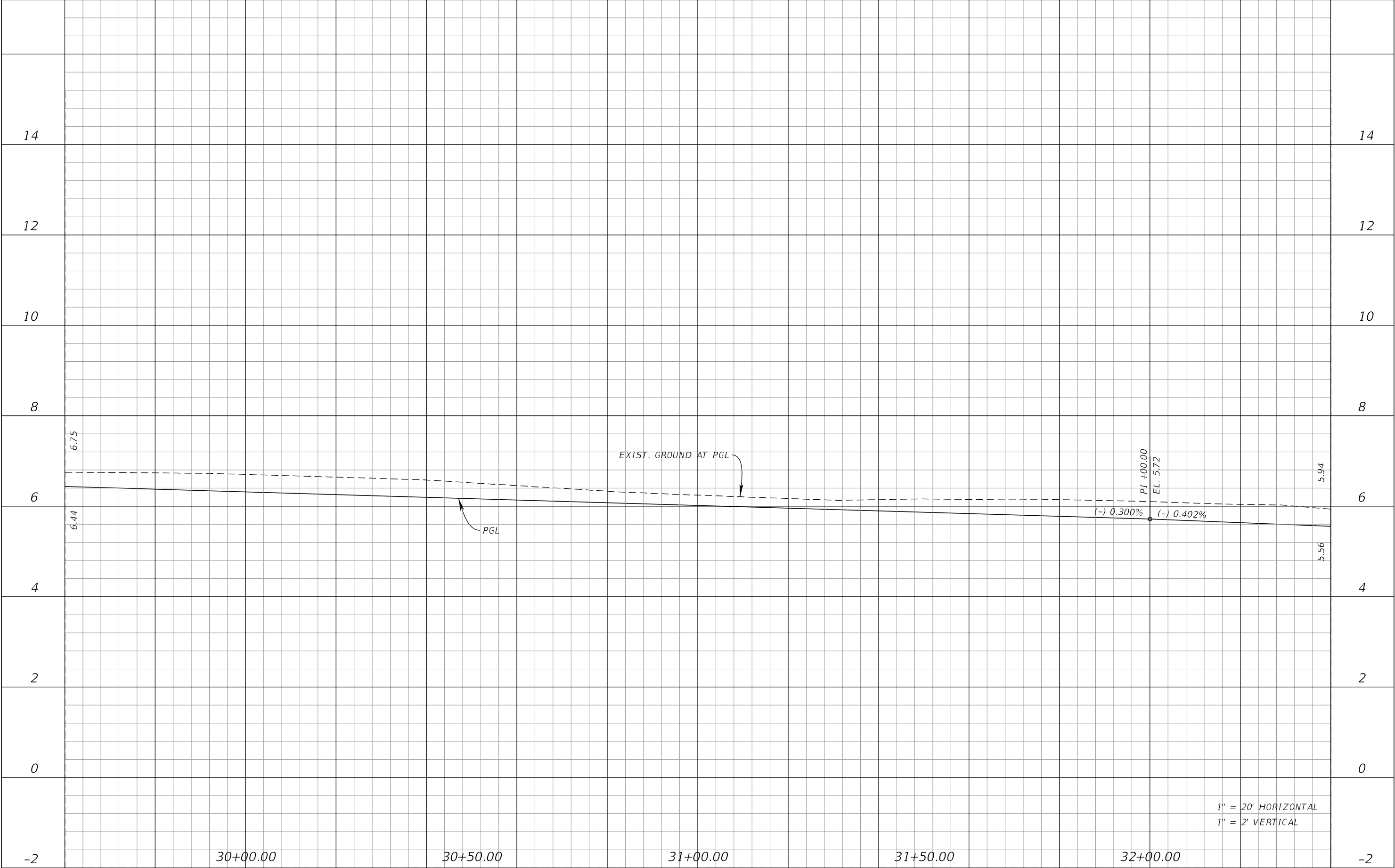
LEGEND

SIDEWALK

DETECTABLE WARNING

EXIST. MAILBOX TO BE REMOVED AND REPLACED PER FDOT INDEX 110-220

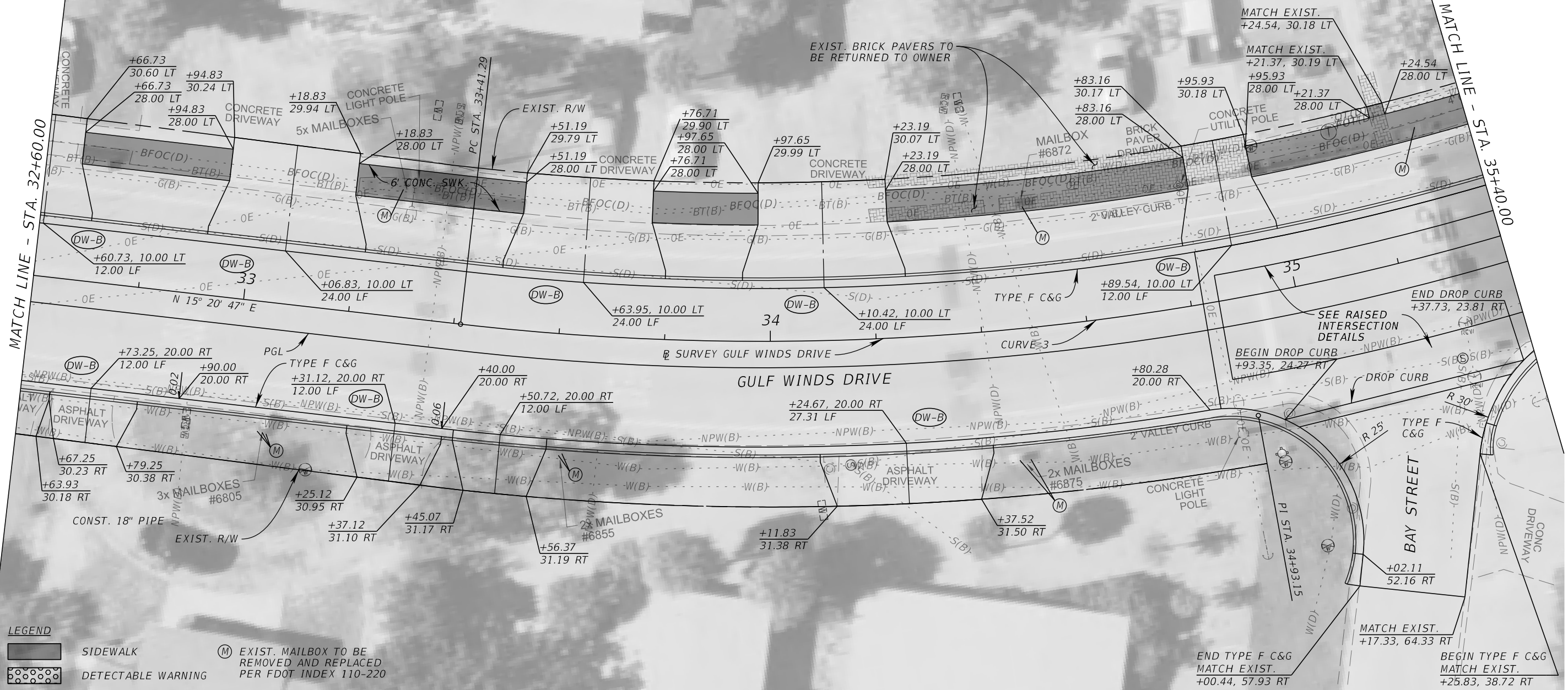
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (8)	SHEET NO. 29 Page 281 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PROFILE (8)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
					CITY OF ST. PETE BEACH	COUNTY PINELLAS		30

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

CURVE 3
PI STA. = 34+93.15
Δ = 33° 47' 25" (LT)
D = 11° 27' 33"
T = 151.86
L = 294.87
R = 500.00
PC STA. = 33+41.29
PT STA. = 36+36.16
E = NC

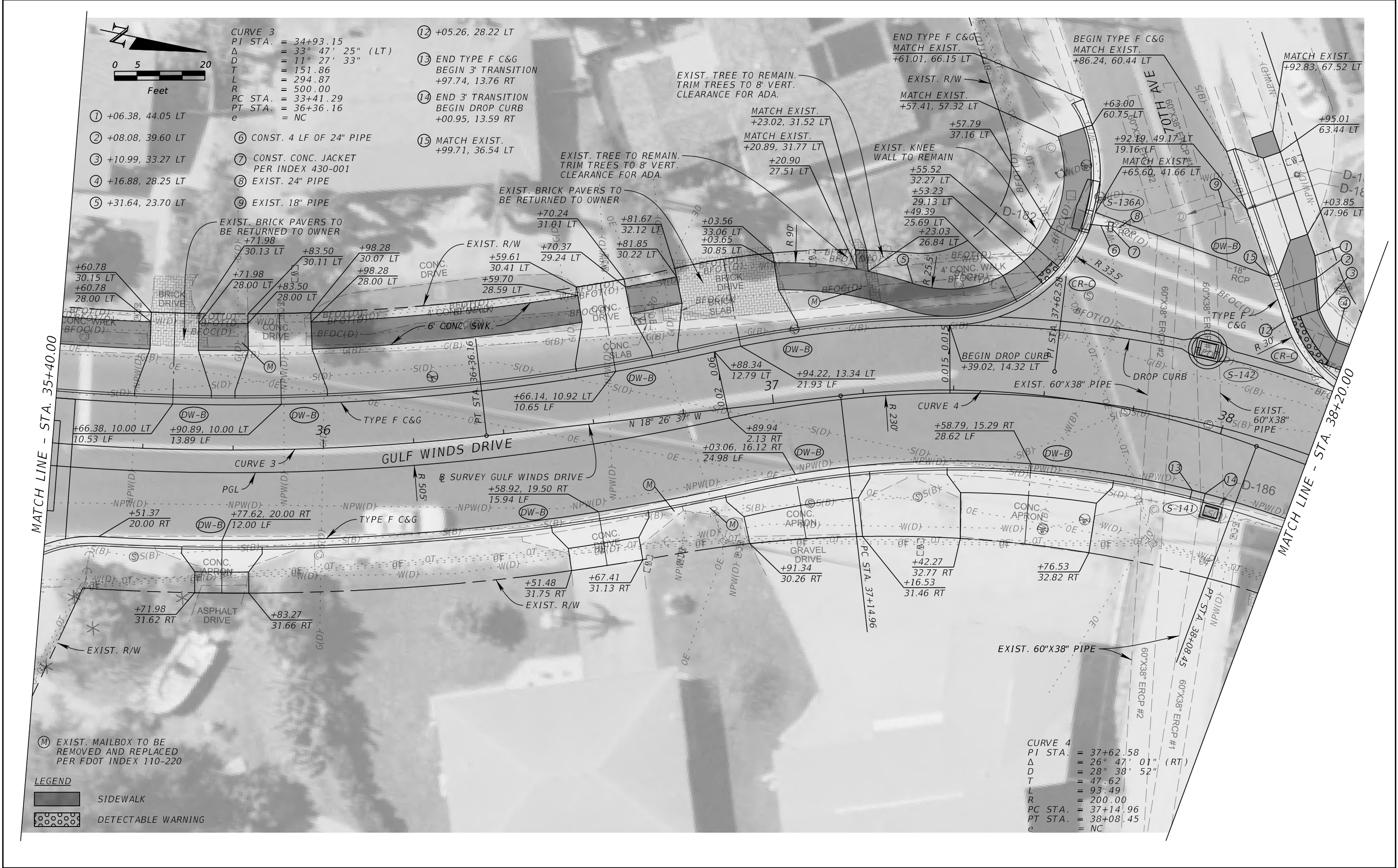


REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (9)	SHEET NO. 31 Page 283 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PROFILE (9)		SHEET NO.	
DATE	DESCRIPTION		DATE	DESCRIPTION		CITY OF	COUNTY				
						ST. PETE BEACH	PINELLAS				

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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (10)	SHEET NO. 33 Page 285 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



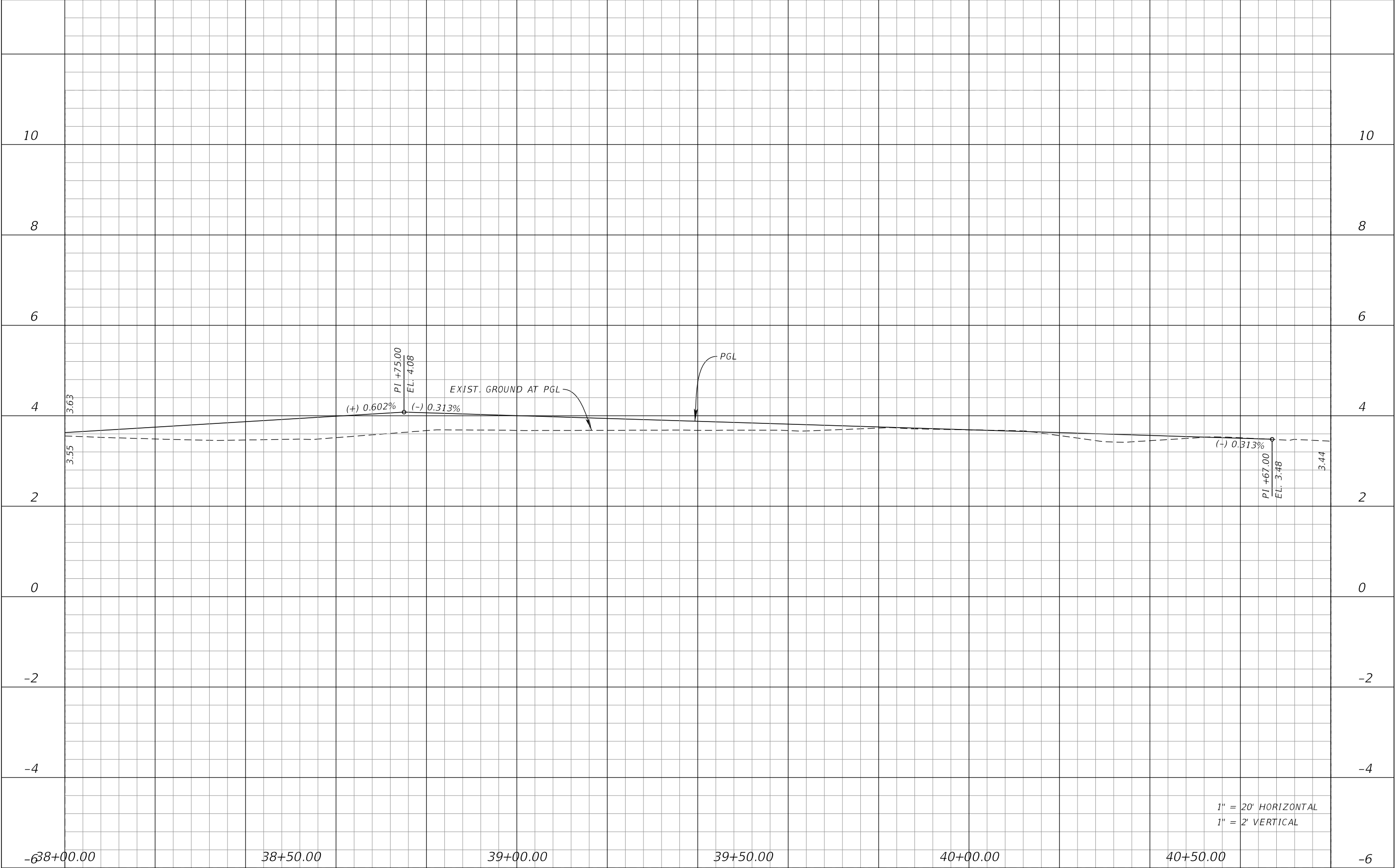
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DATE	DESCRIPTION	DATE	DESCRIPTION								
										34	
				ST. PETE BEACH		PINELLAS				Page 286 of 448	

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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (11)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

35
Page 287 of 448

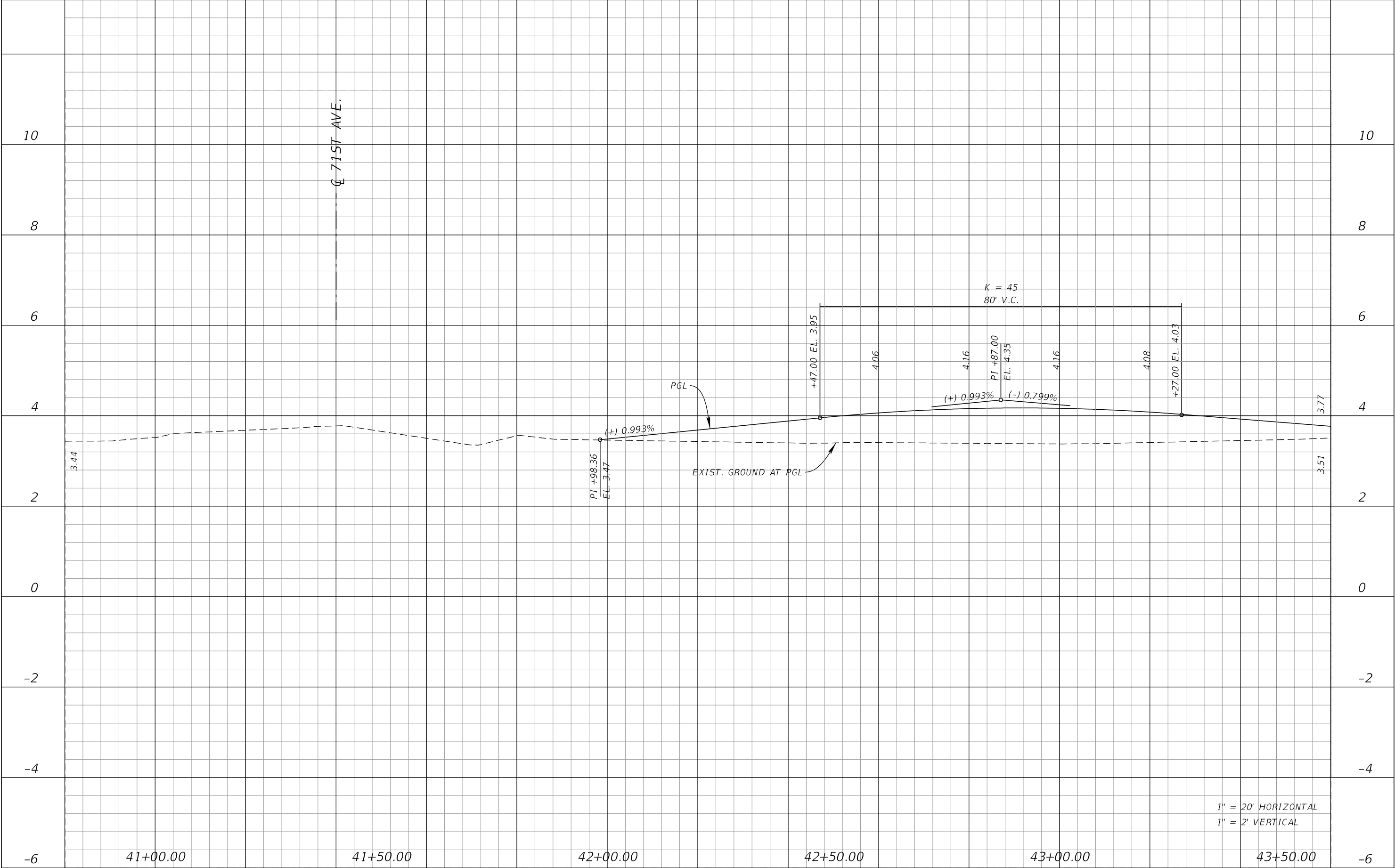


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DATE	DESCRIPTION	DATE	DESCRIPTION								
				ST. PETE BEACH		PINELLAS				36	

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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (12)	SHEET NO. 37 Page 289 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

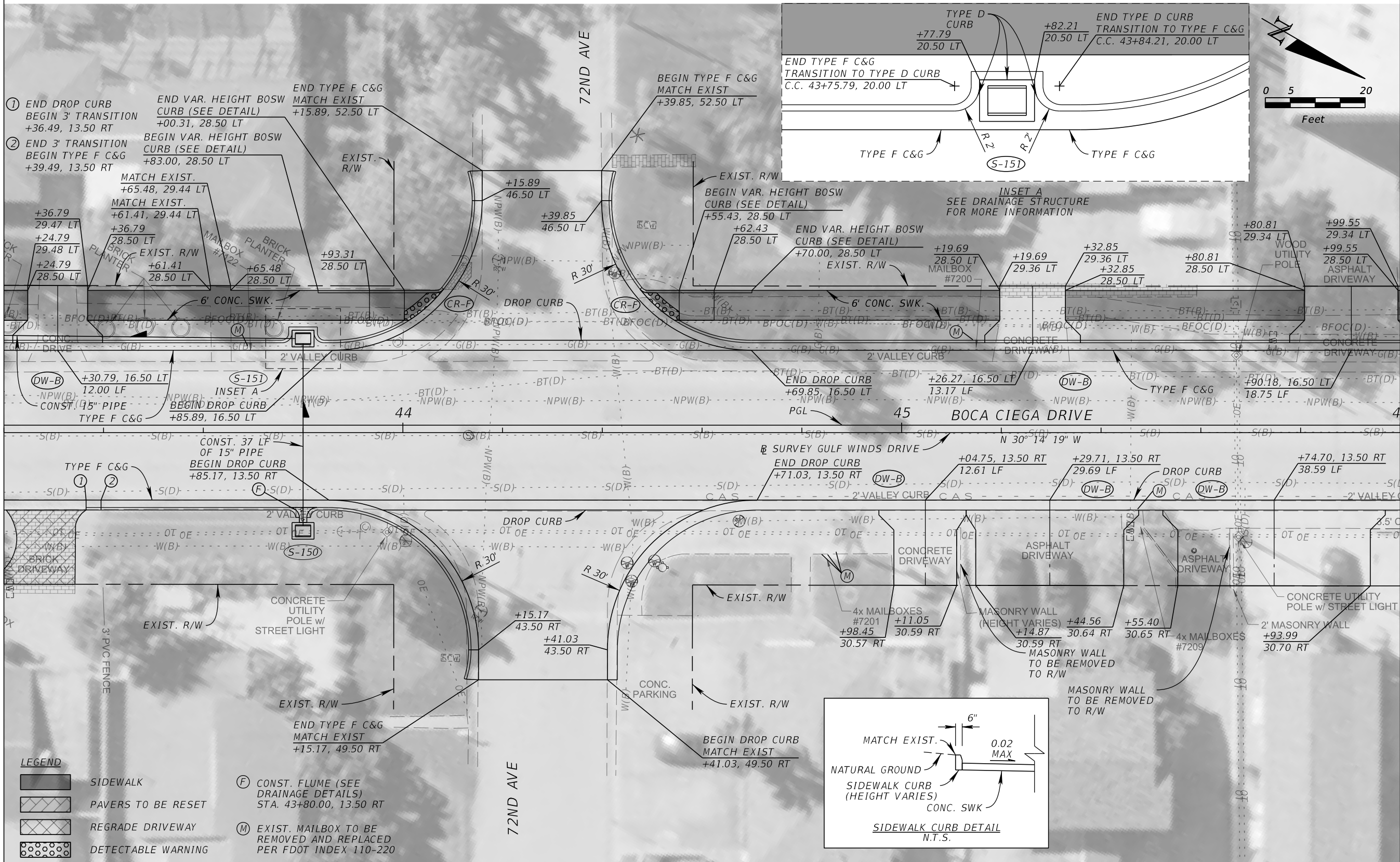


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DATE	DESCRIPTION		DATE	DESCRIPTION		CITY OF	COUNTY				
						ST. PETE BEACH	PINELLAS				

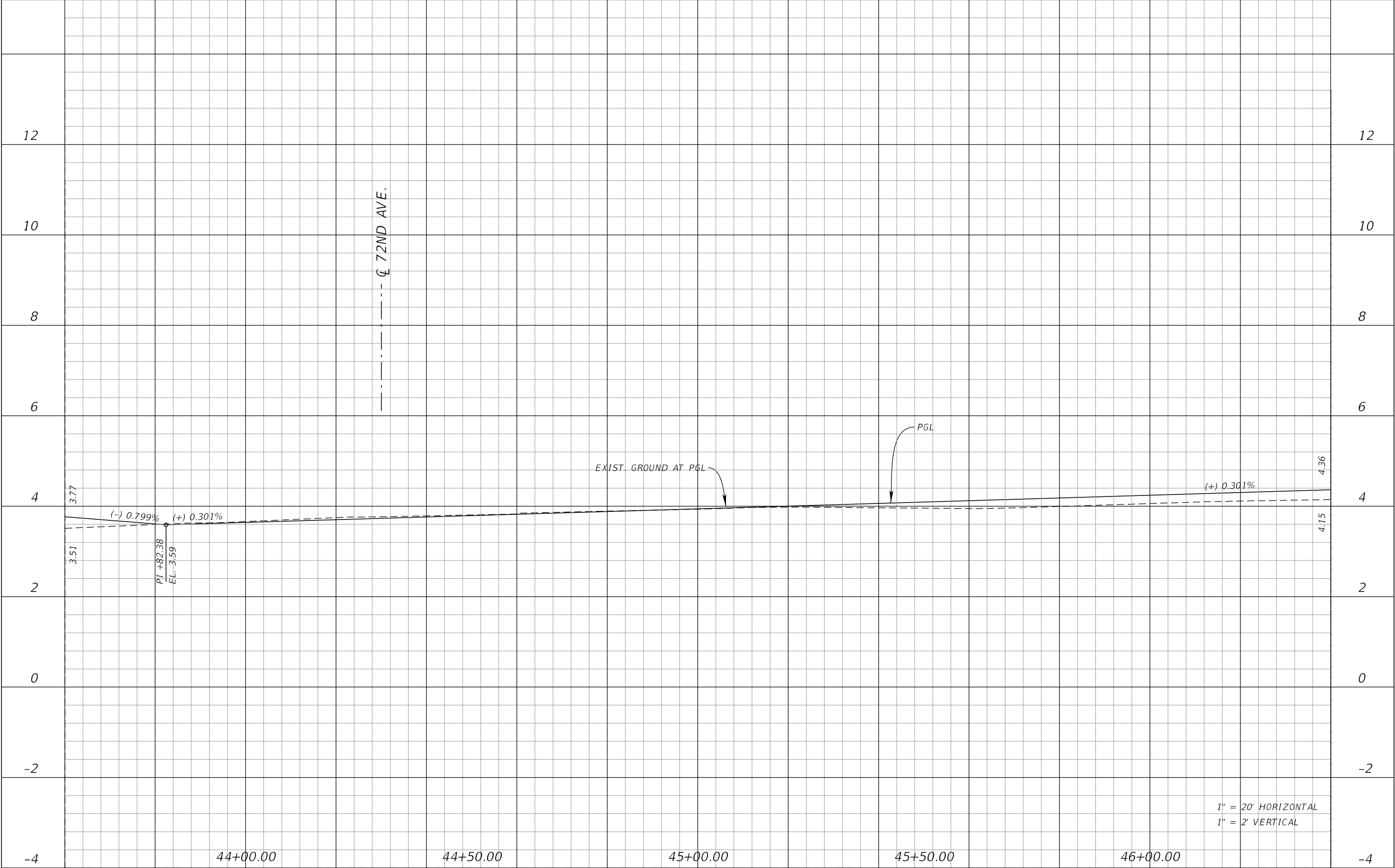
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

MATCH LINE - STA. 43+20.00

MATCH LINE - STA. 46+00.00



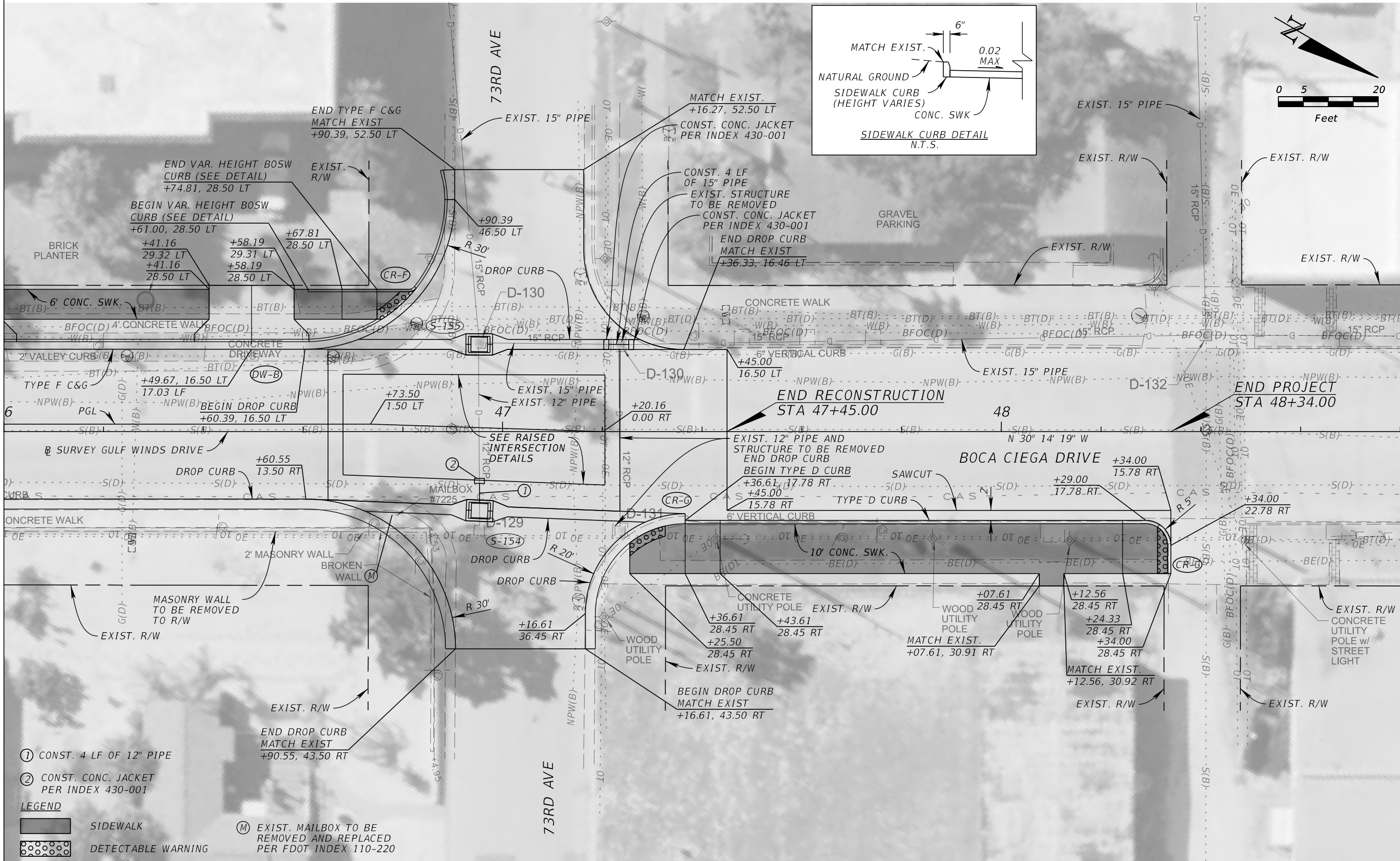
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PLAN (13)	SHEET NO. 39 Page 291 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PROFILE (13)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
					CITY OF ST. PETE BEACH	COUNTY PINELLAS		

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MATCH LINE - STA. 46+00.00



① CONST. 4 LF OF 12" PIPE

② CONST. CONC. JACKET
PER INDEX 430-001

LEGEND



SIDEWALK

DETECTABLE WARNING

(M) EXIST. MAILBOX TO BE
REMOVED AND REPLACED
PER FDOT INDEX 110-220

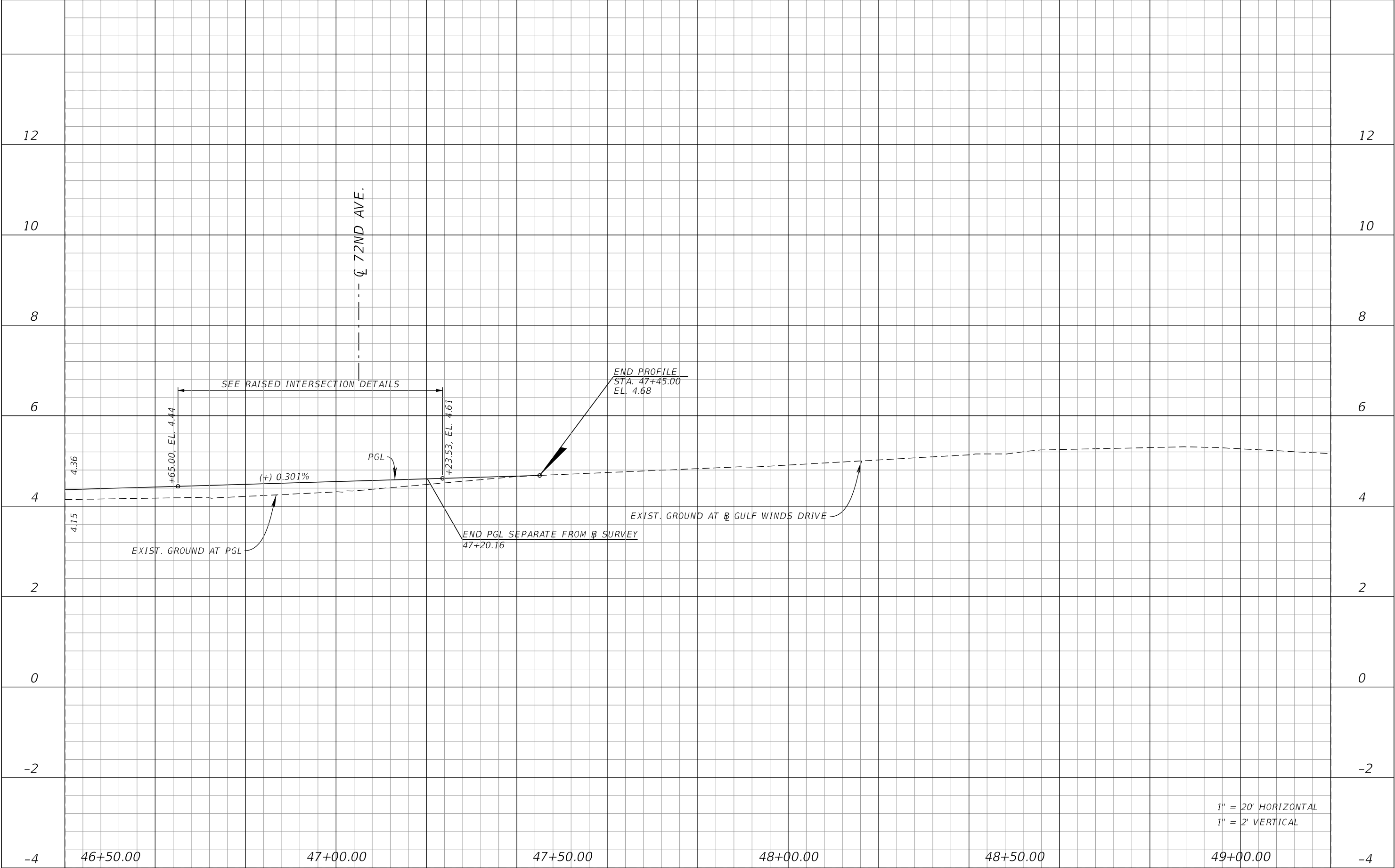
JOHN R. SEALS, P.E.
P.E. LICENSE NUMBER 51505
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

GULF WINDS DRIVE
IMPROVEMENTS PROJECT

CITY OF	COUNTY
ST. PETE BEACH	PINELLAS

ROADWAY PLAN (14)

SHEET
NO.

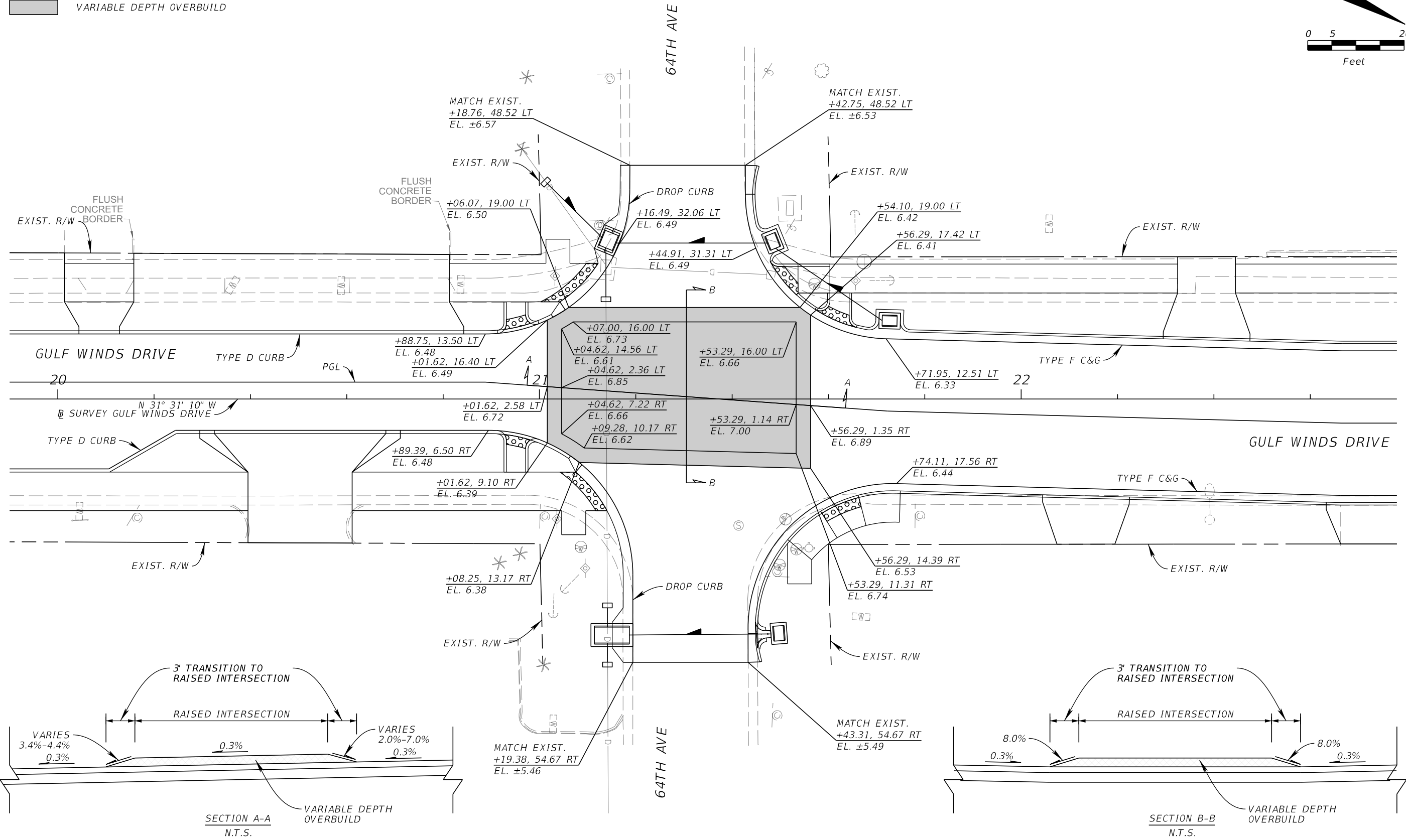
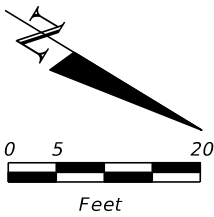


REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602		GULF WINDS DRIVE IMPROVEMENTS PROJECT		ROADWAY PROFILE (14)				SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION									

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LEGEND

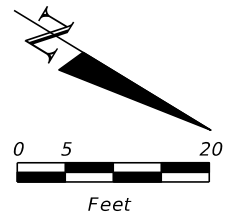
VARIABLE DEPTH OVERBUILD



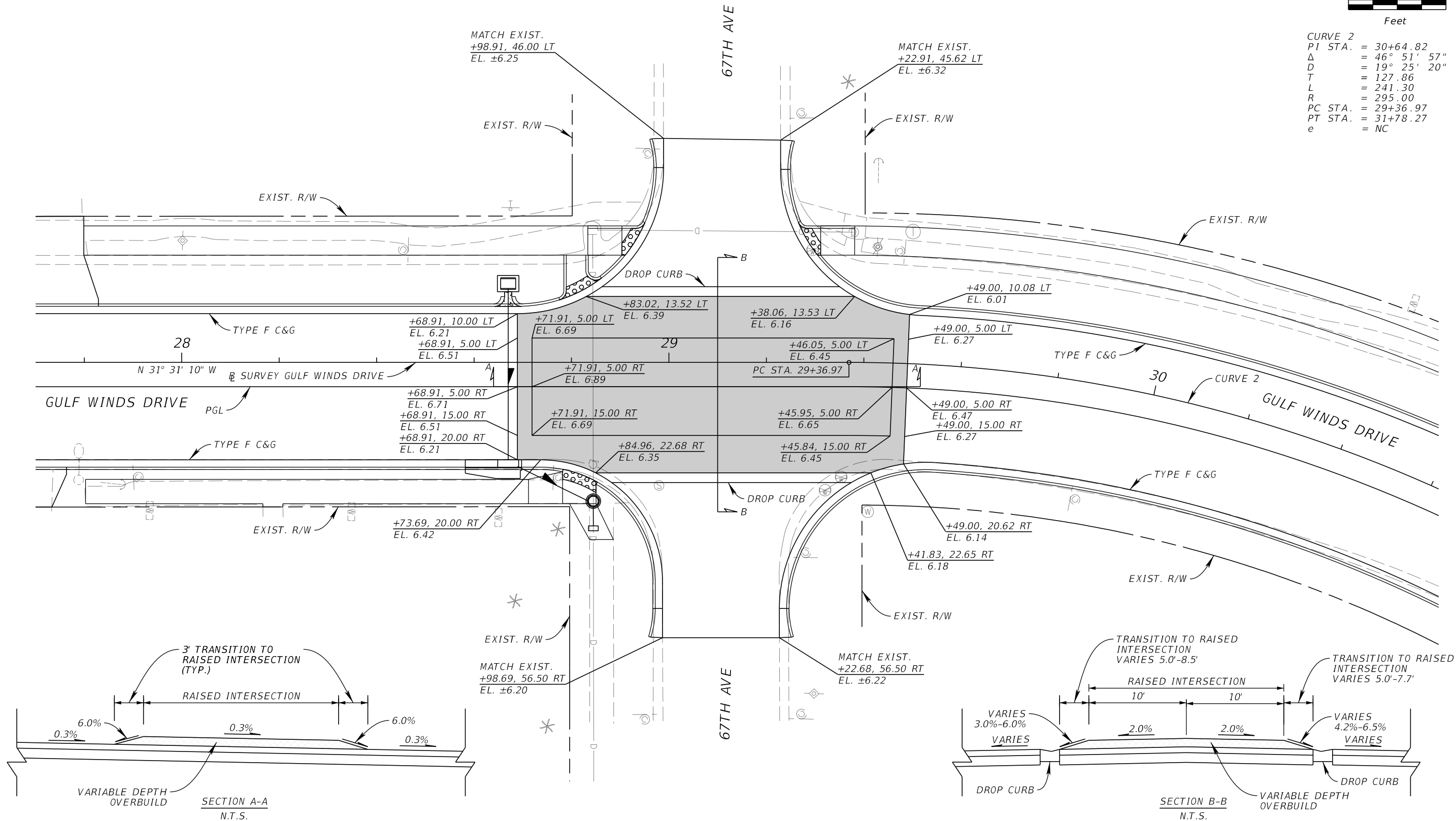
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		RAISED INTERSECTION DETAIL 64TH AVE.	SHEET NO. 43 Page 295 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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LEGEND
VARIABLE DEPTH OVERBUILD



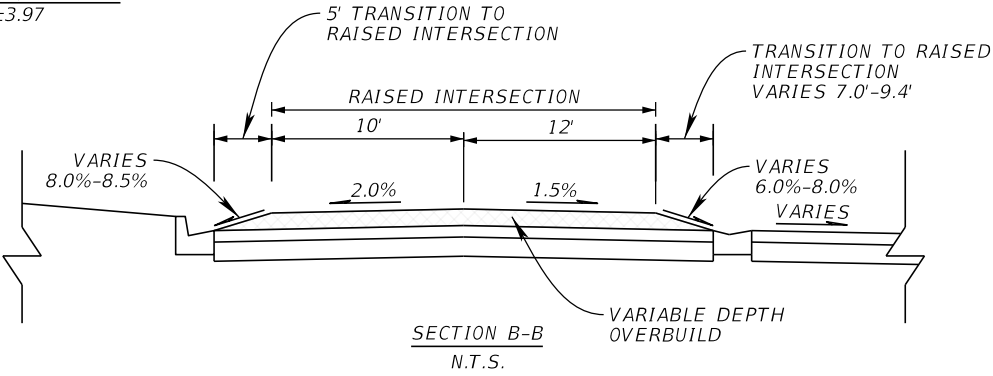
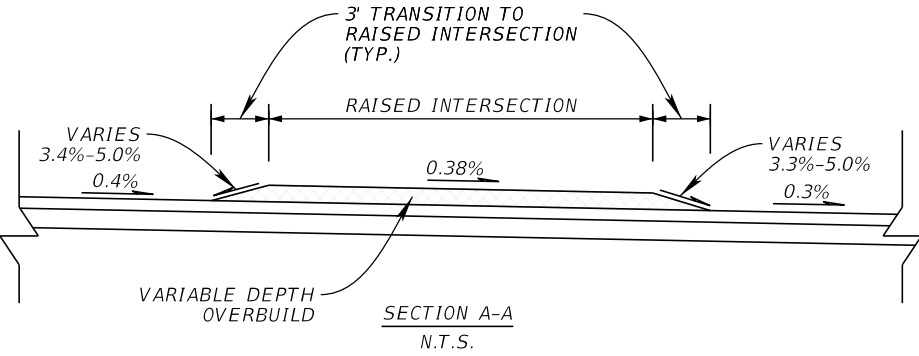
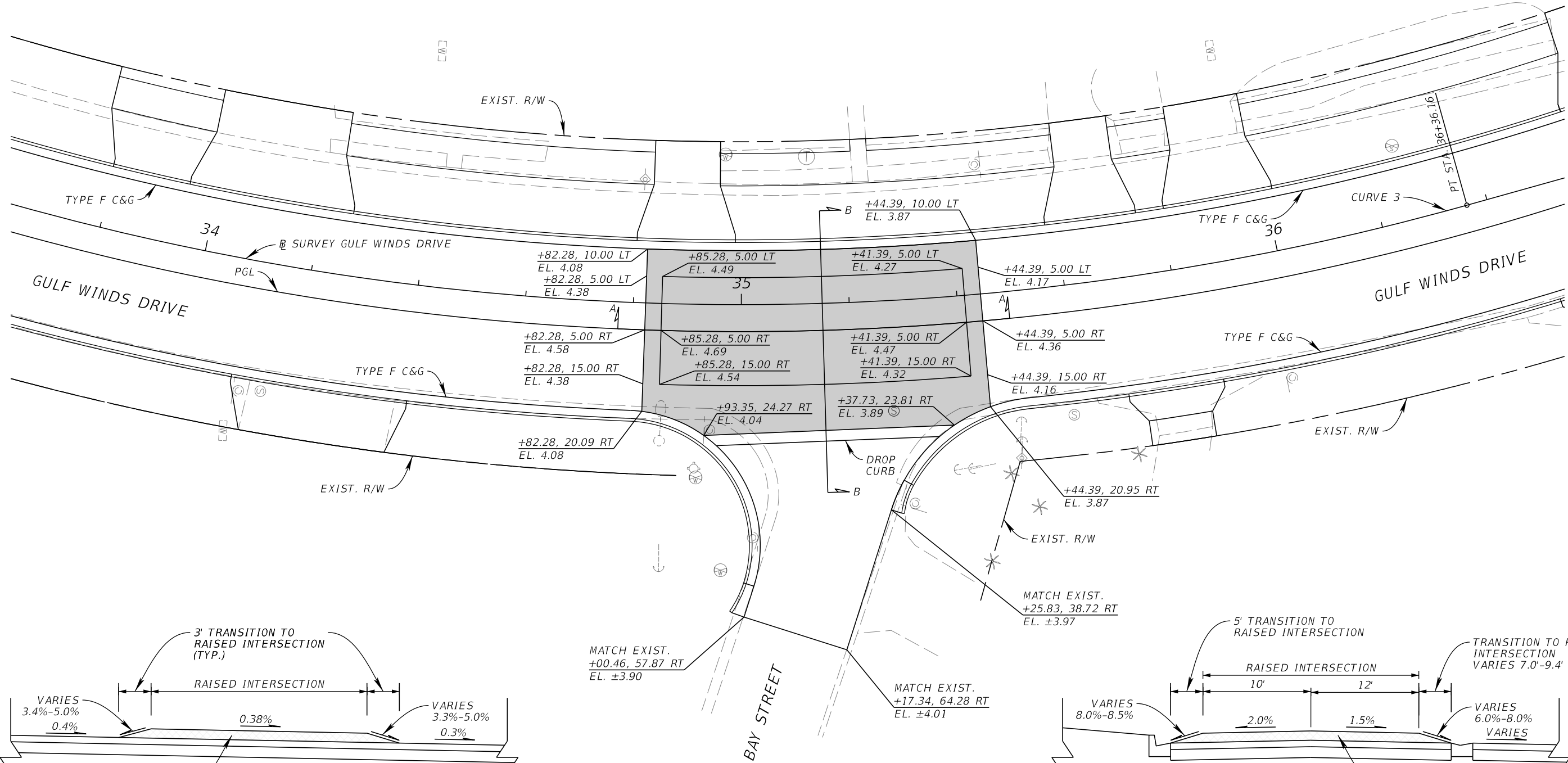
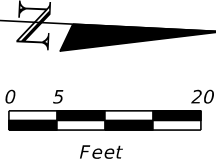
CURVE 2
PI STA. = 30+64.82
 Δ = 46° 51' 57" (RT)
D = 19° 25' 20"
T = 127.86
L = 241.30
R = 295.00
PC STA. = 29+36.97
PT STA. = 31+78.27
e = NC



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		RAISED INTERSECTION DETAIL 67TH AVE.	SHEET NO. 44 Page 296 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

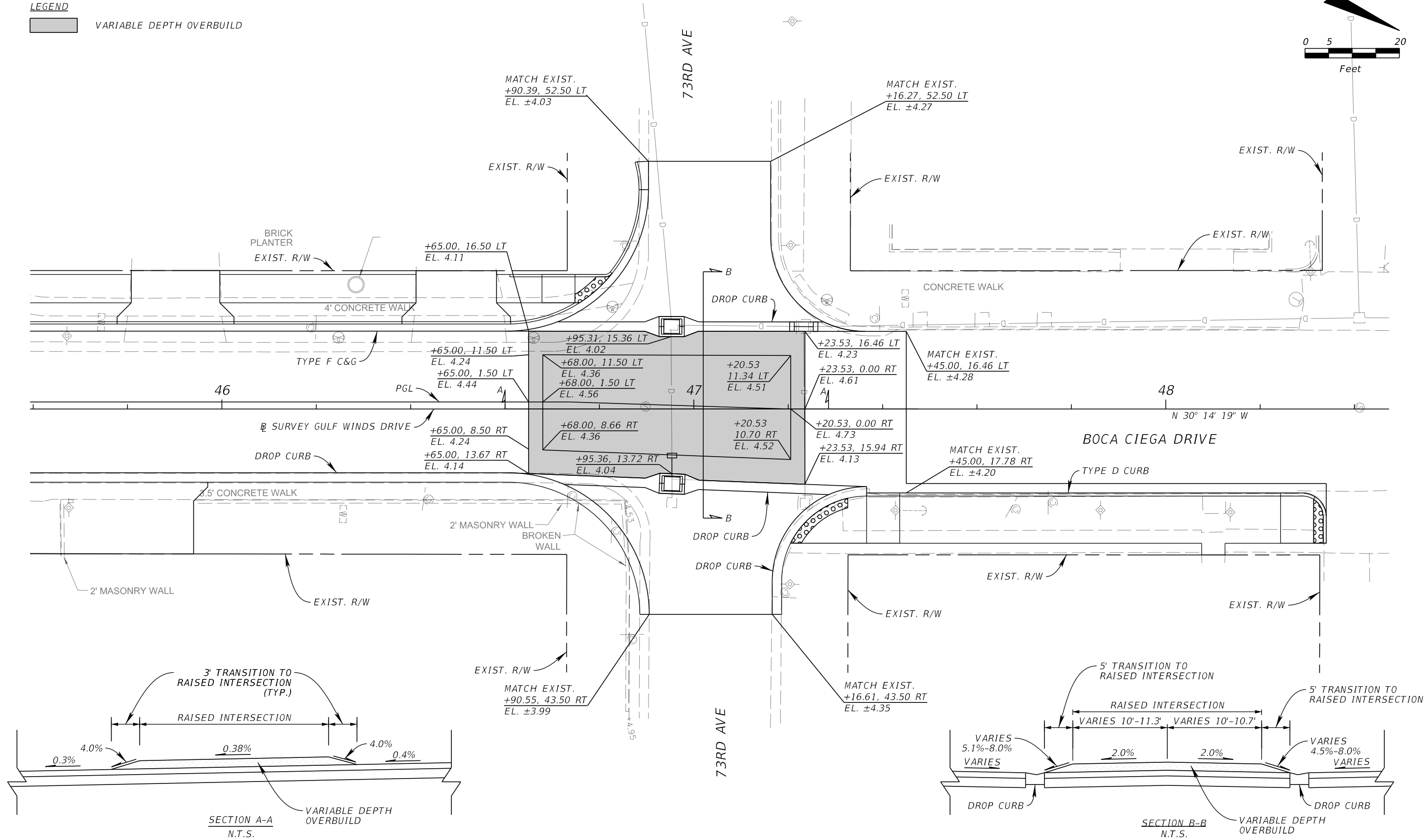
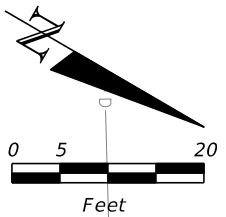
LEGEND
VARIABLE DEPTH OVERBUILD

CURVE 3
PI STA. = 34+93.15
 Δ = 33° 47' 25" (LT)
D = 11° 27' 33"
T = 151.86
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R = 500.00
PC STA. = 33+41.29
PT STA. = 36+36.16

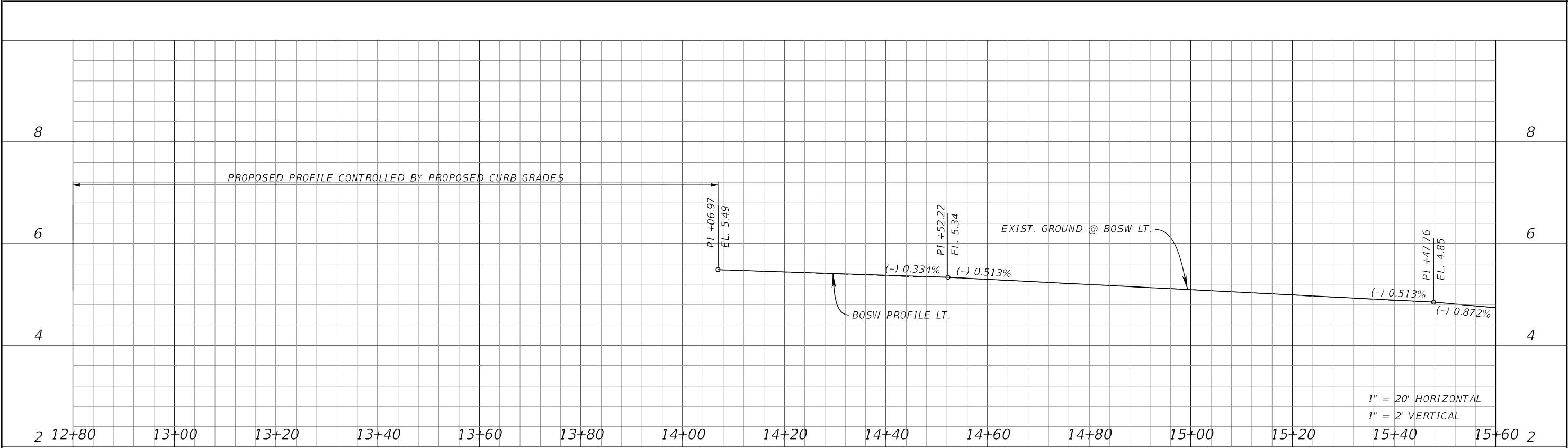
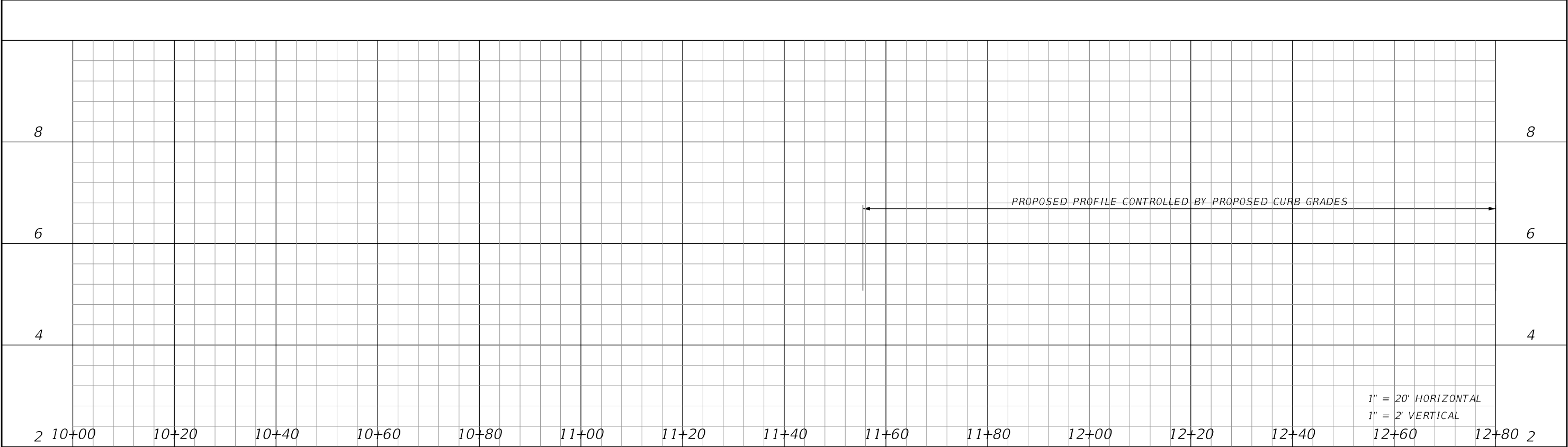


REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		RAISED INTERSECTION DETAIL BAY STREET	SHEET NO. 45 Page 297 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

LEGEND
VARIABLE DEPTH OVERBUILD

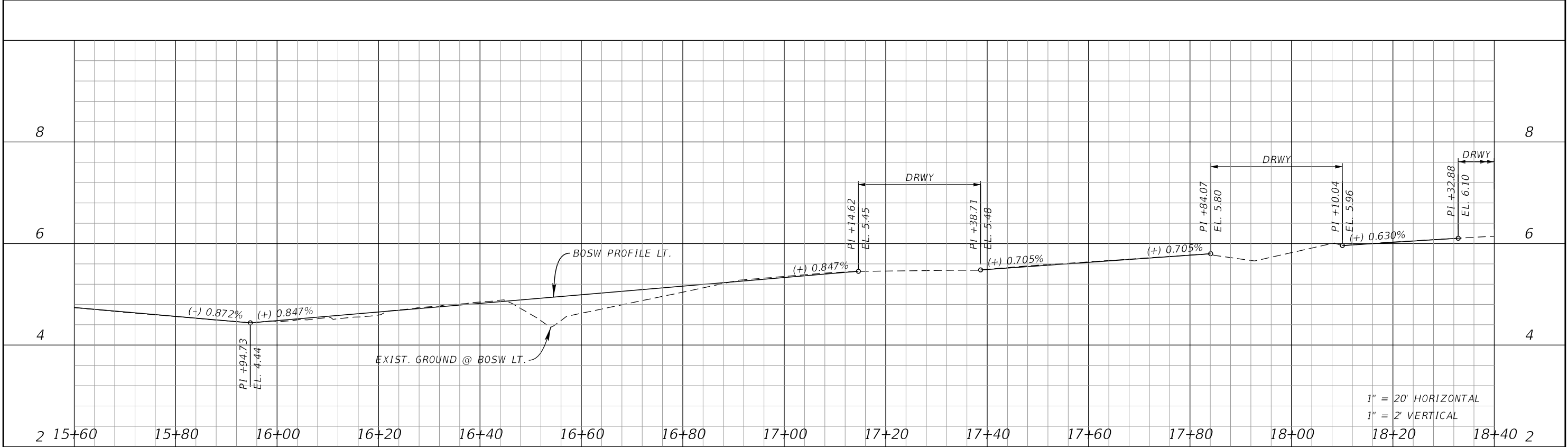


REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		RAISED INTERSECTION DETAIL 73RD AVE.	SHEET NO. 46 Page 298 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



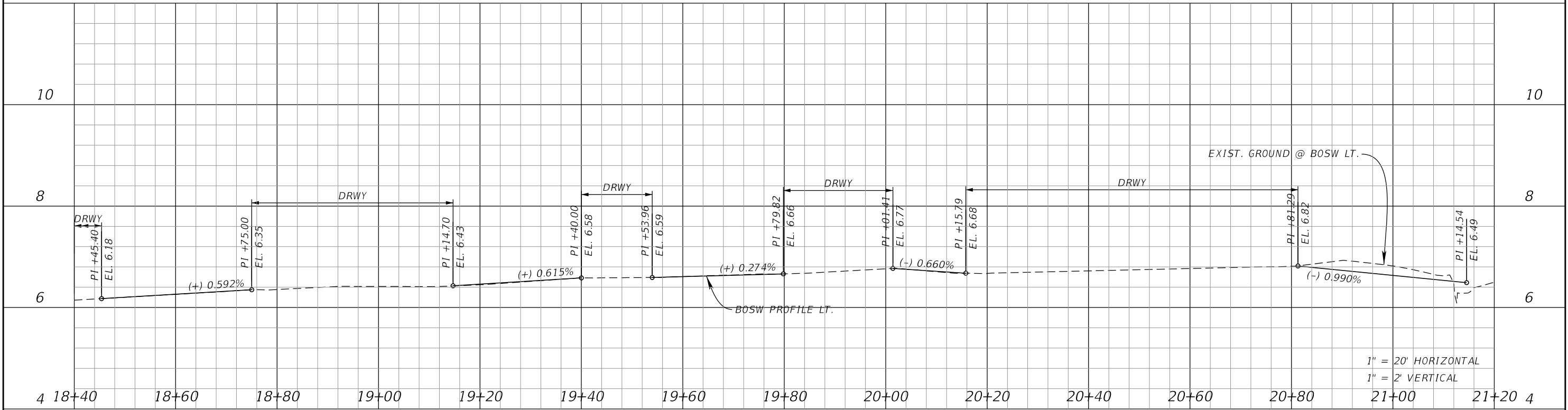
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		BACK OF SIDEWALK LT. PROFILE (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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2 15+60 15+80 16+00 16+20 16+40 16+60 16+80 17+00 17+20 17+40 17+60 17+80 18+00 18+20 18+40 2

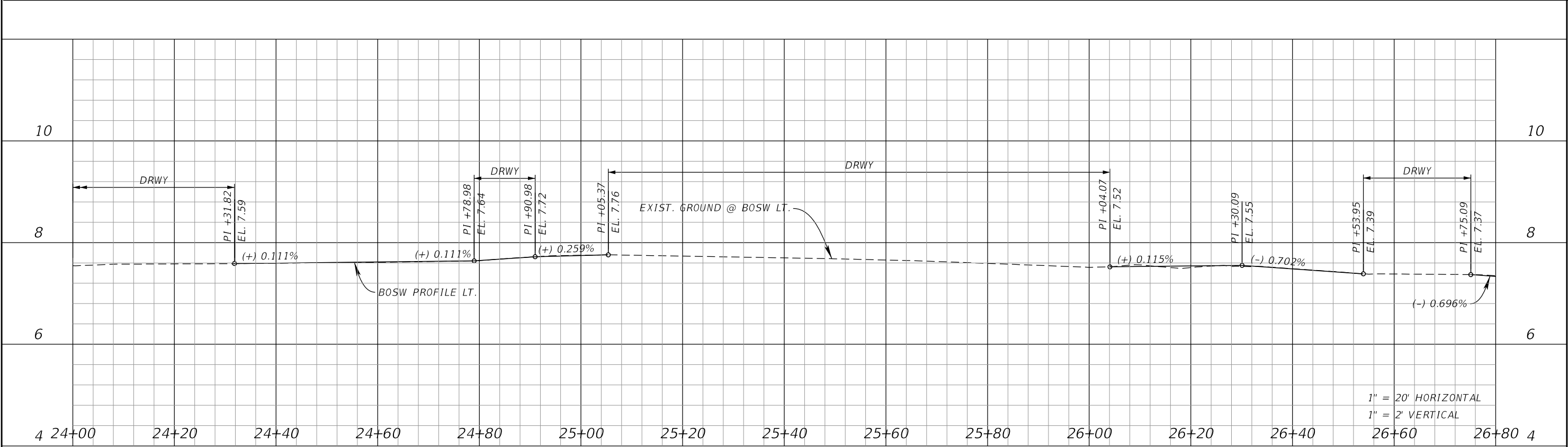
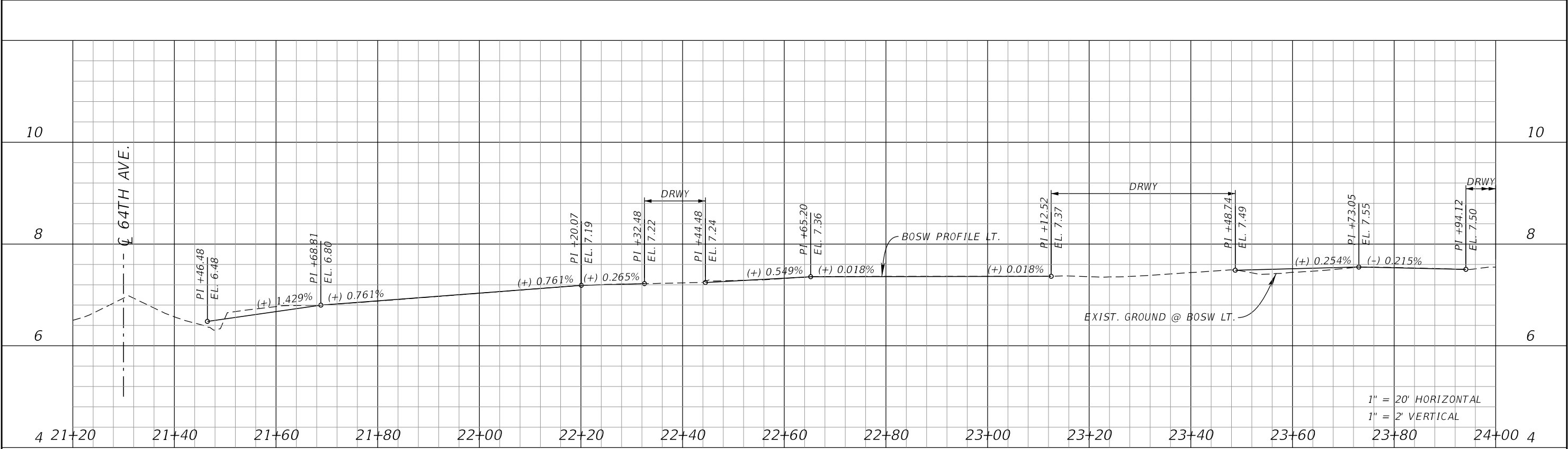
1" = 20' HORIZONTAL
1" = 2' VERTICAL



4 18+40 18+60 18+80 19+00 19+20 19+40 19+60 19+80 20+00 20+20 20+40 20+60 20+80 21+00 21+20 4

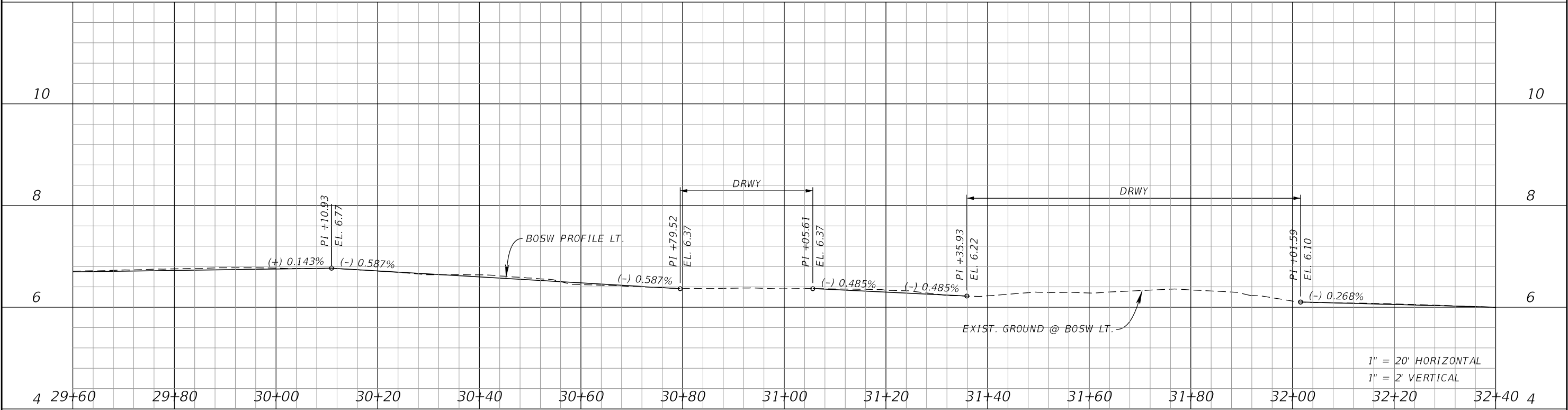
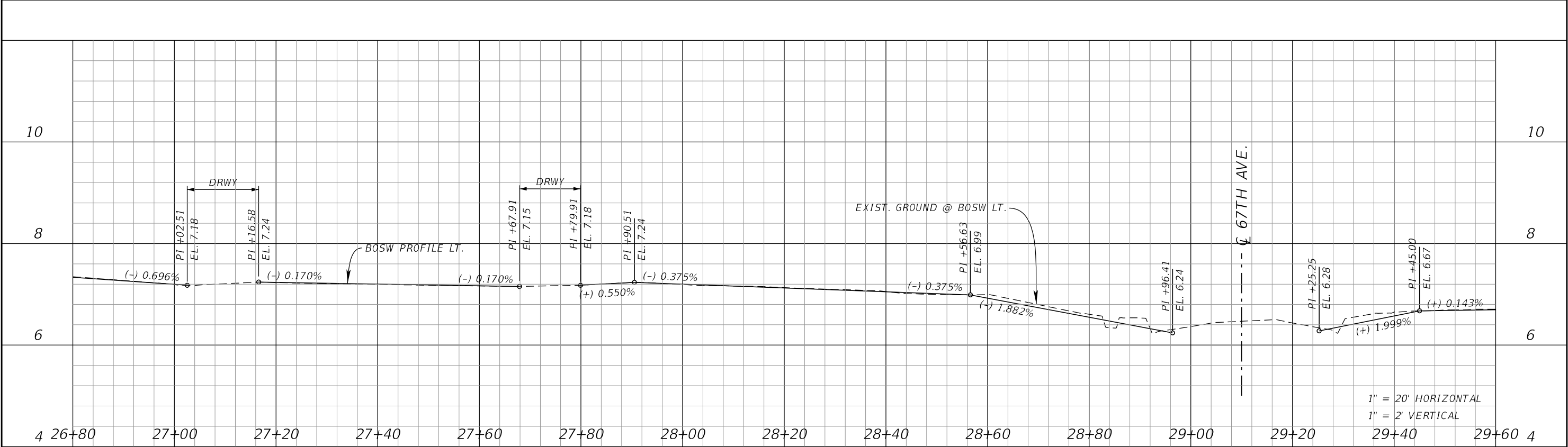
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		BACK OF SIDEWALK LT. PROFILE (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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



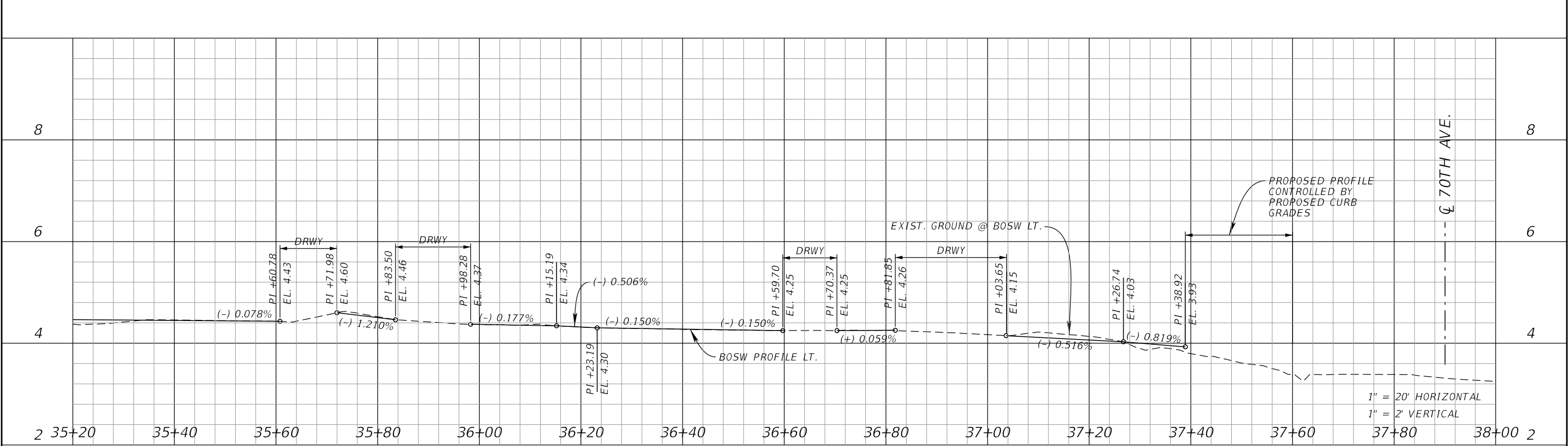
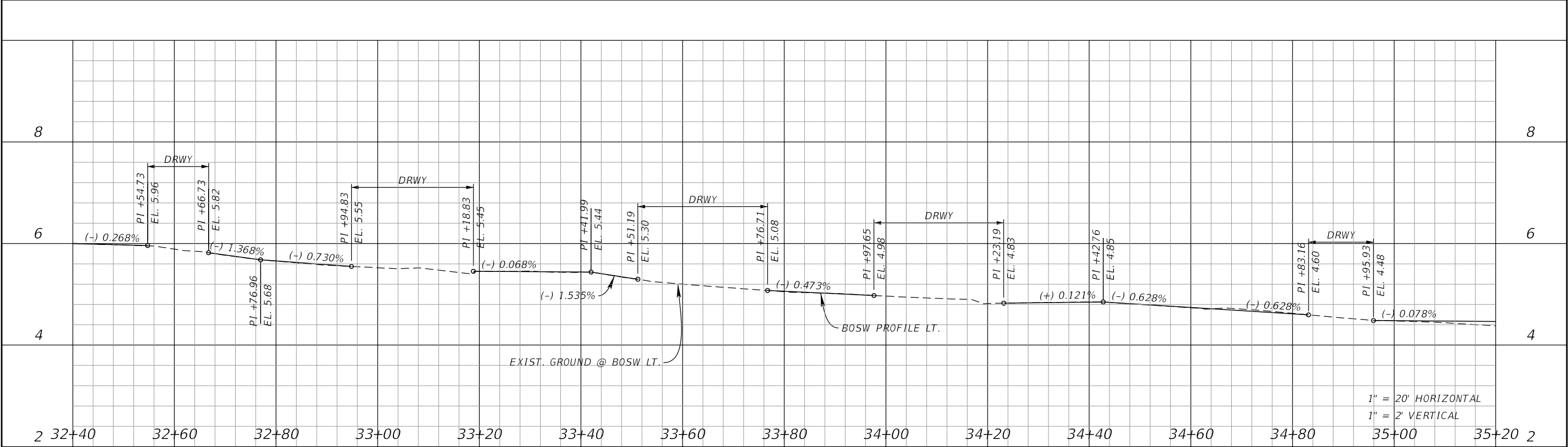
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		BACK OF SIDEWALK LT. <i>PROFILE (3)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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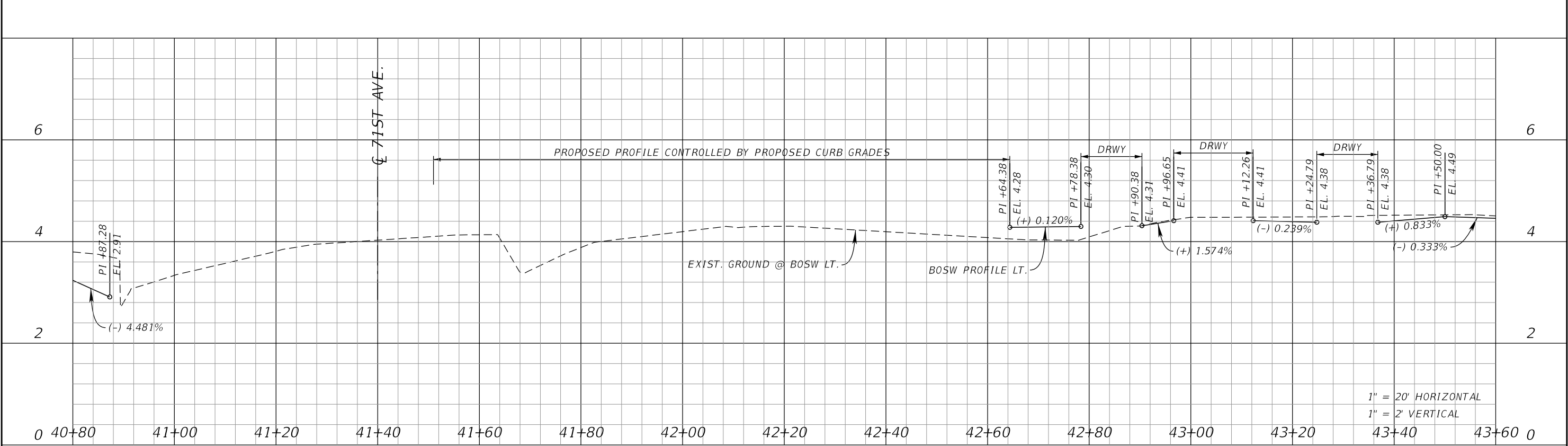
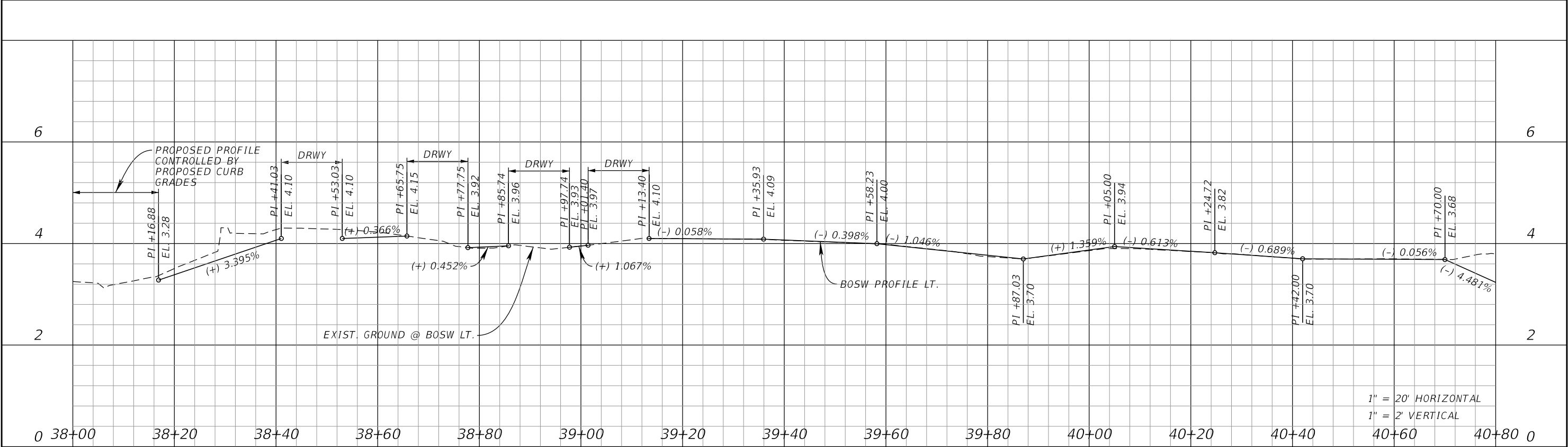


REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		BACK OF SIDEWALK LT. PROFILE (4)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		50 Page 302 of 448
					ST. PETE BEACH	PINELLAS		

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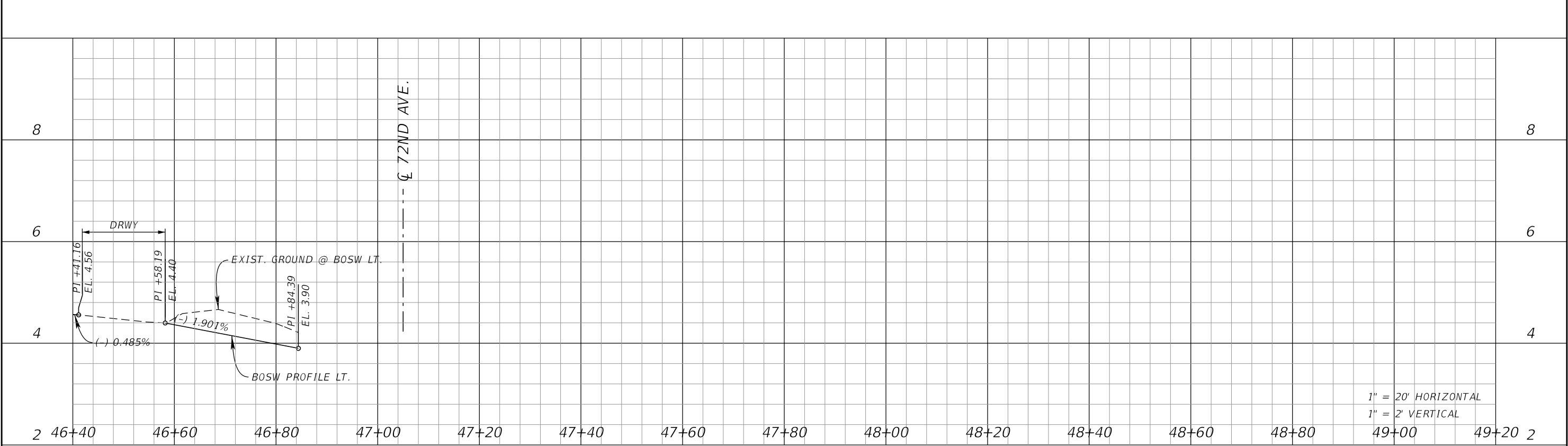
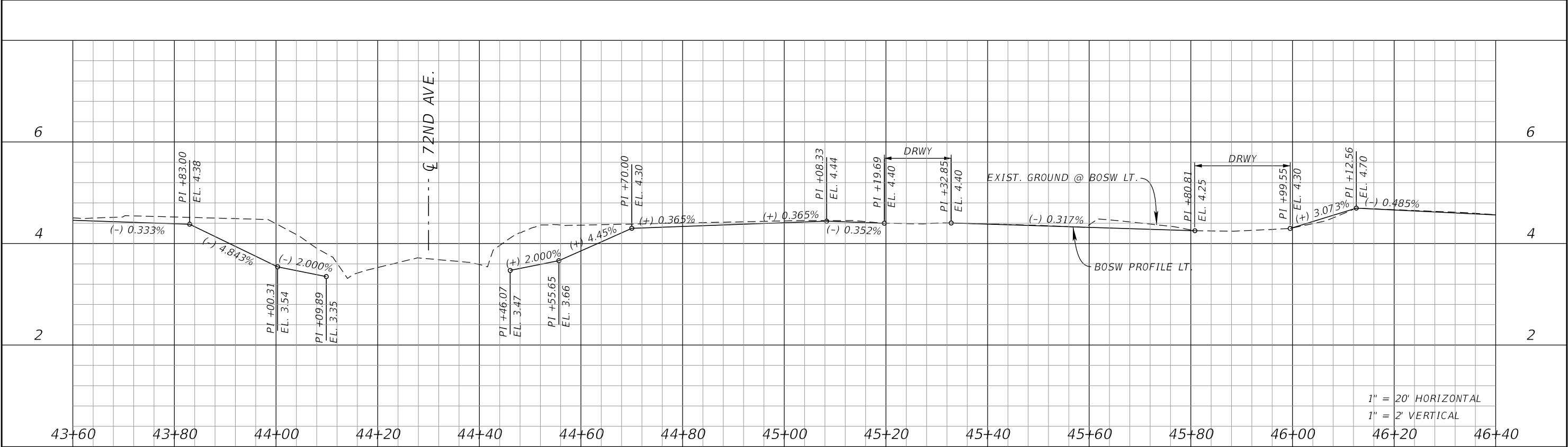
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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		BACK OF SIDEWALK LT. PROFILE (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

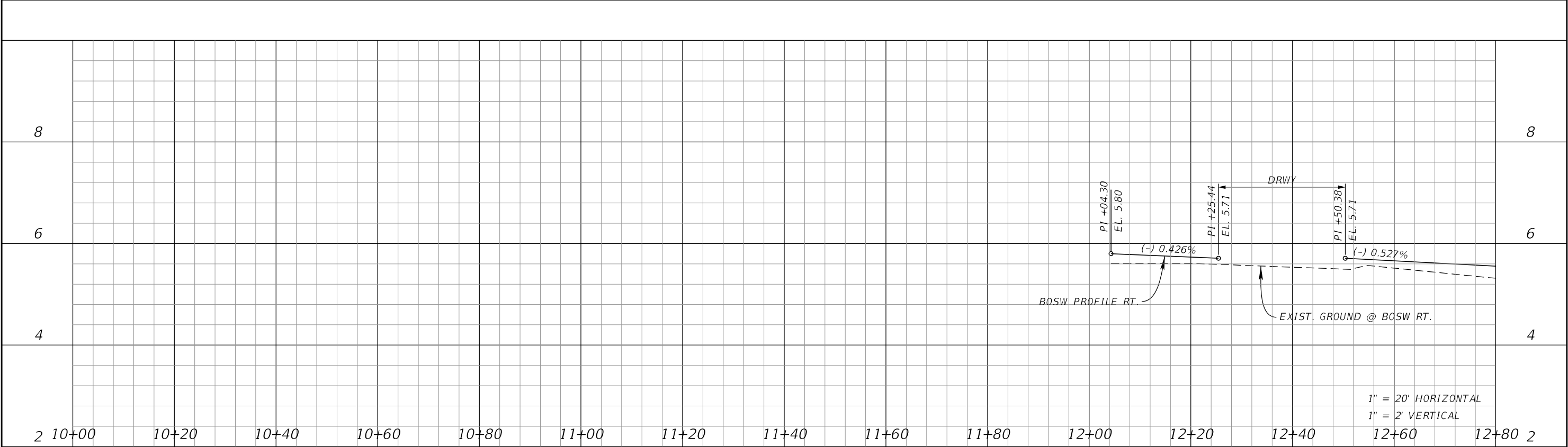
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Page 304 of 448

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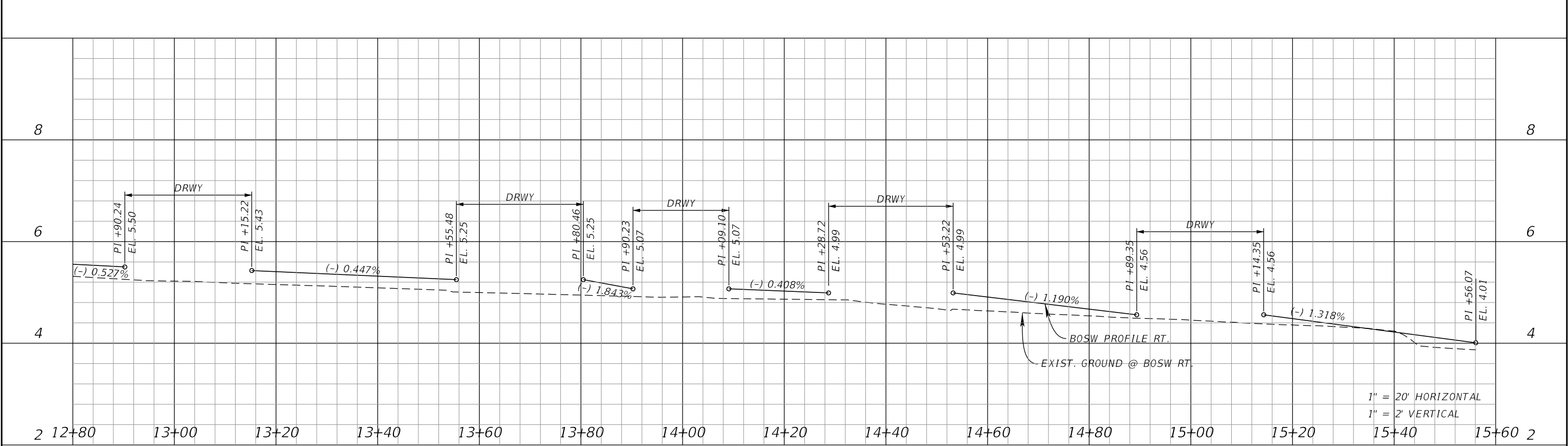


REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		BACK OF SIDEWALK LT. <i>PROFILE (7)</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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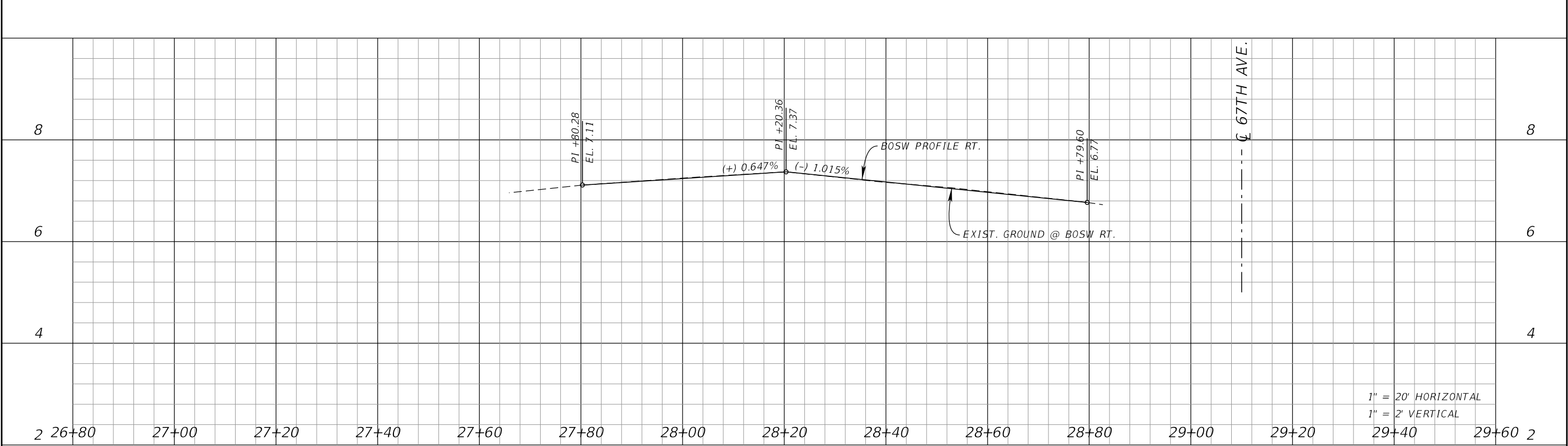
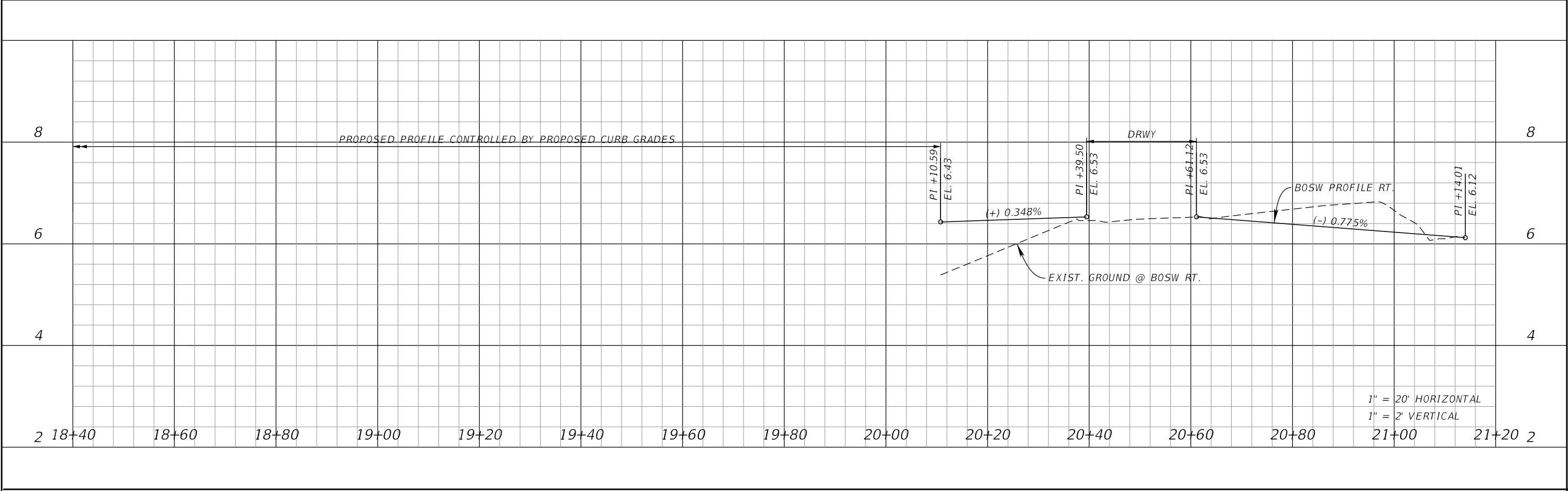
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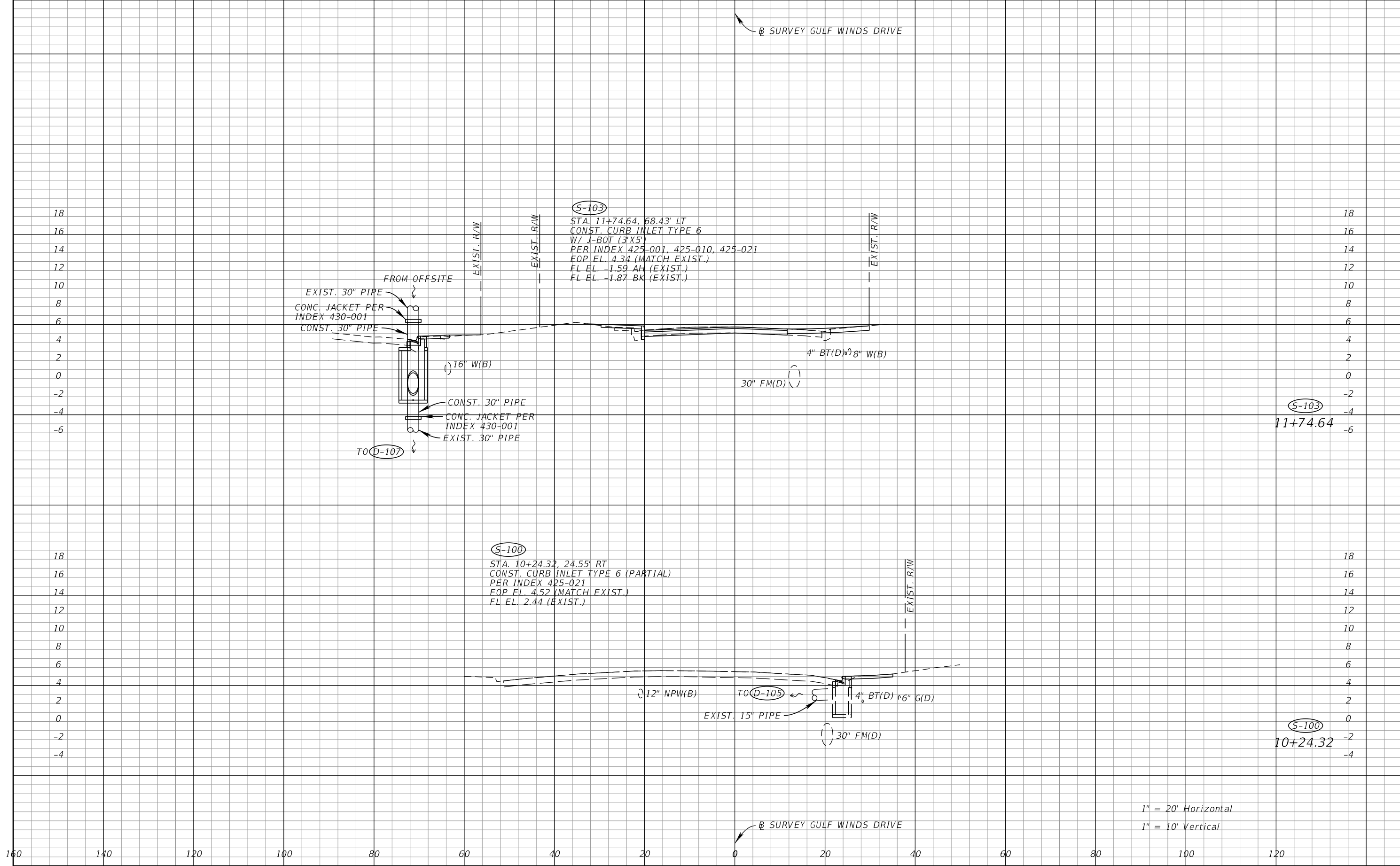
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		BACK OF SIDEWALK RT. PROFILE (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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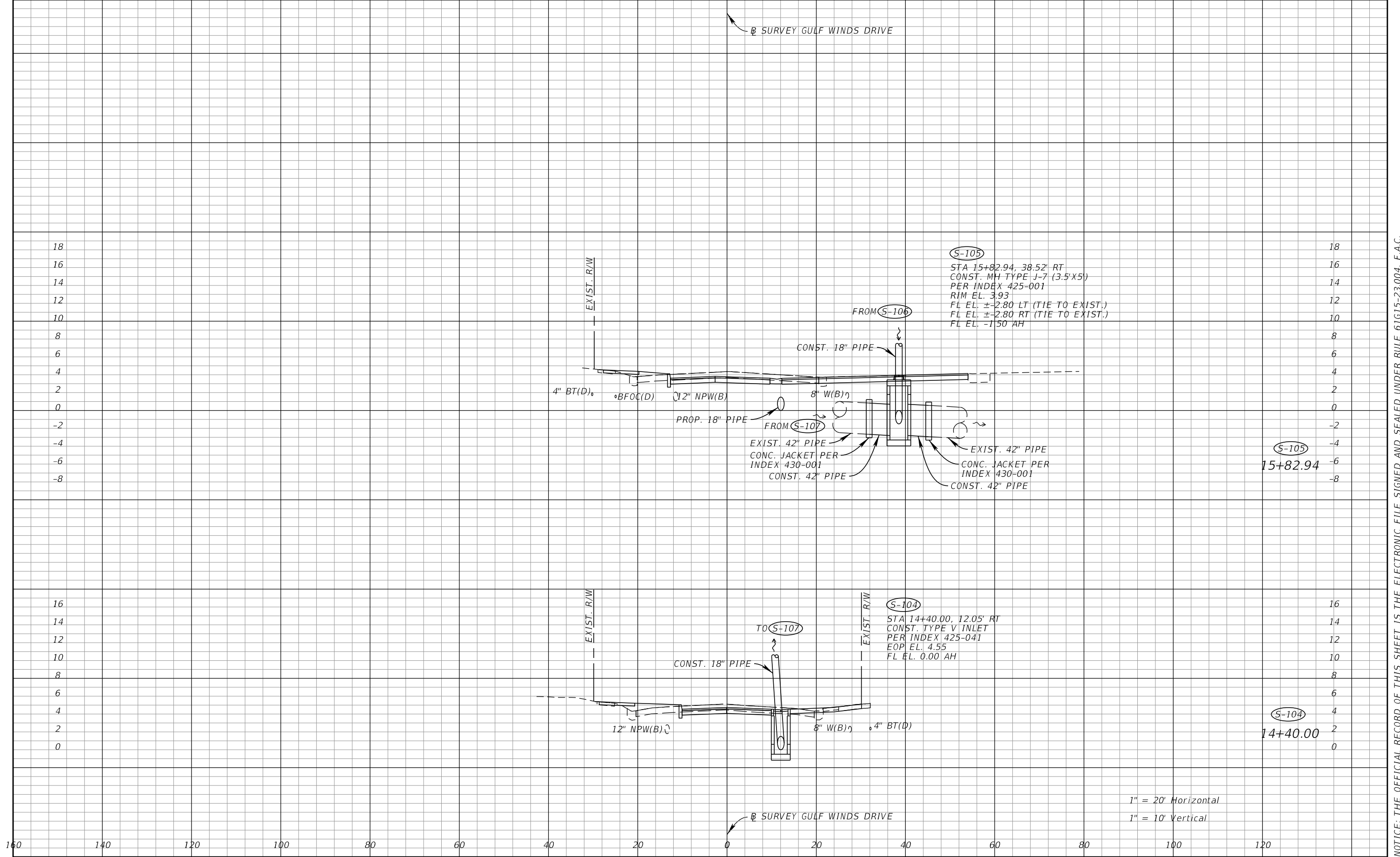
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		BACK OF SIDEWALK RT. PROFILE (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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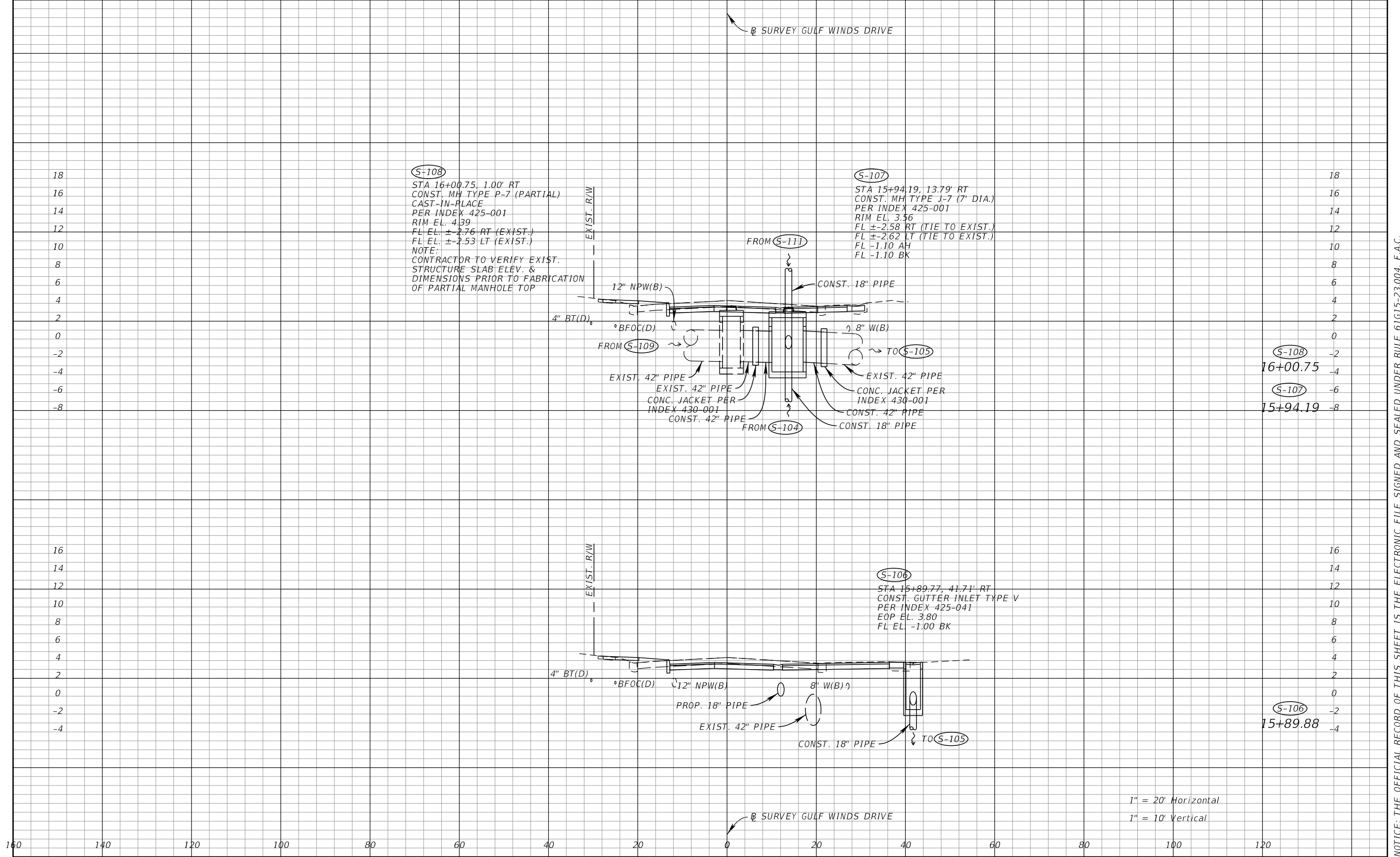
REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE, SUITE 1000 ORLANDO, FL 32801	GULFWINDS DRIVE IMPROVEMENTS PROJECT		DRAINAGE STRUCTURES	SHEET NO. 56 Page 308 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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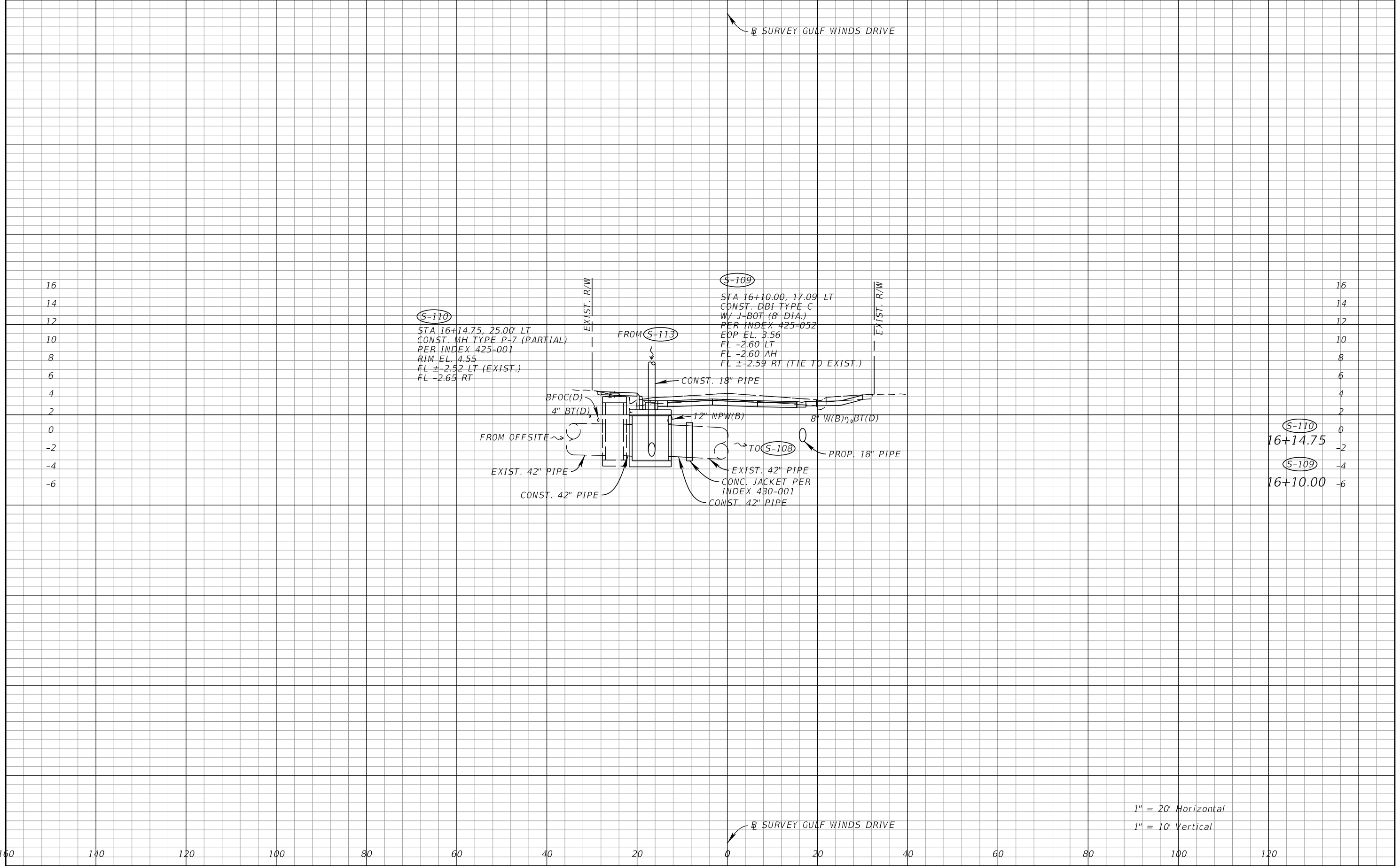
REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE, SUITE 1000 ORLANDO, FL 32801	GULFWINDS DRIVE IMPROVEMENTS PROJECT		DRAINAGE STRUCTURES	SHEET NO. 57 Page 309 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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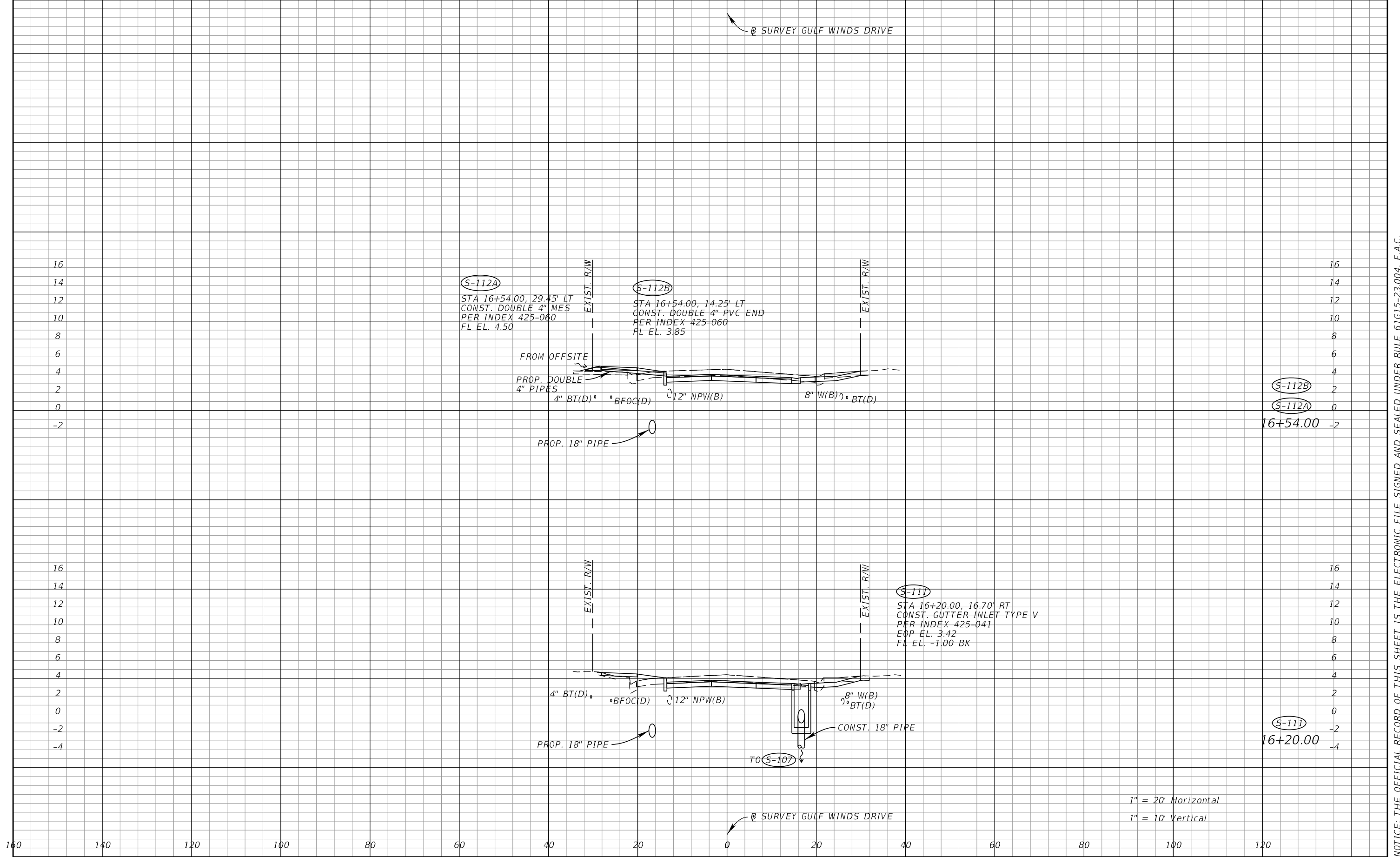


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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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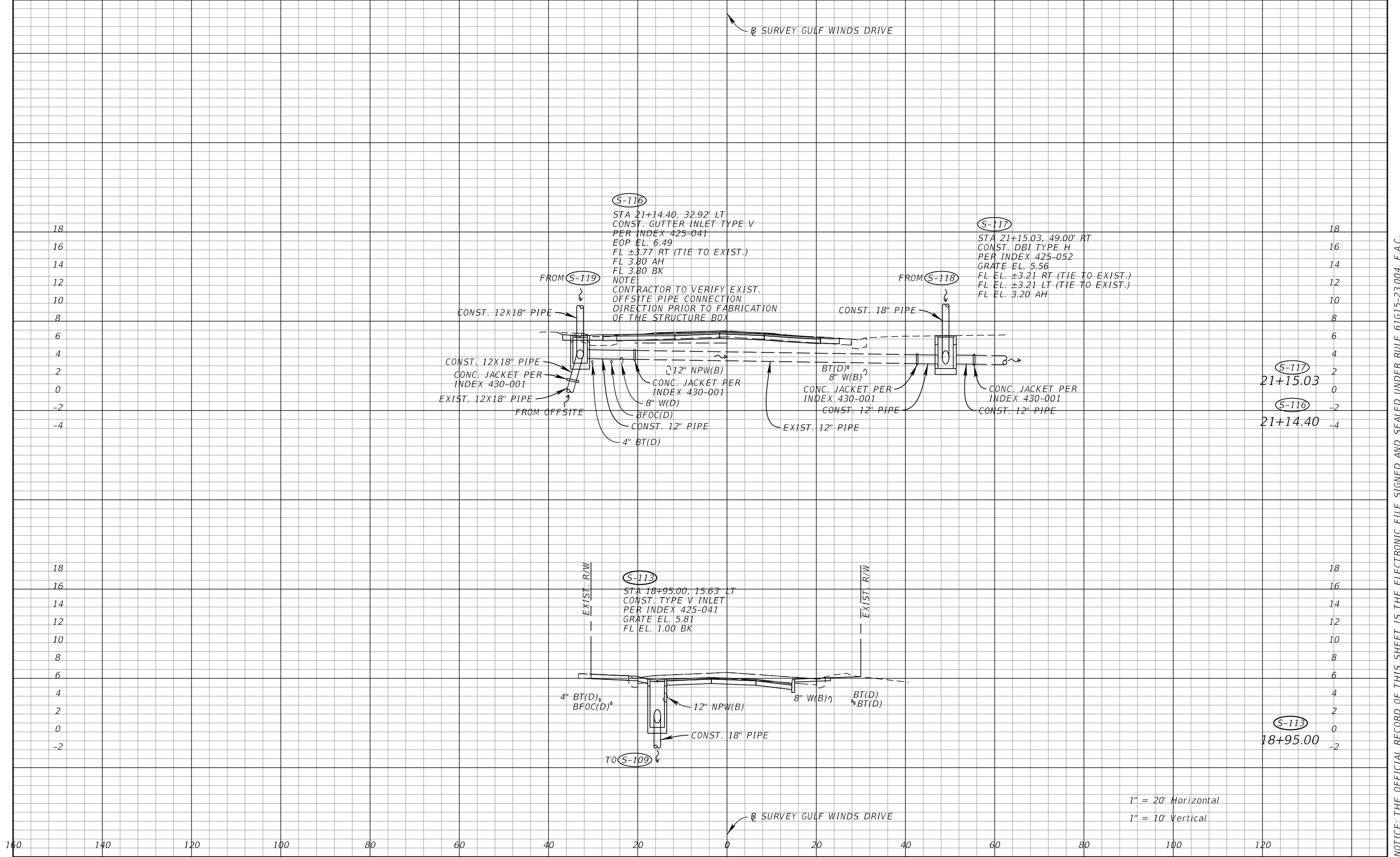


REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE, SUITE 1000 ORLANDO, FL 32801	GULFWINDS DRIVE IMPROVEMENTS PROJECT		DRAINAGE STRUCTURES	SHEET NO. 59 Page 311 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



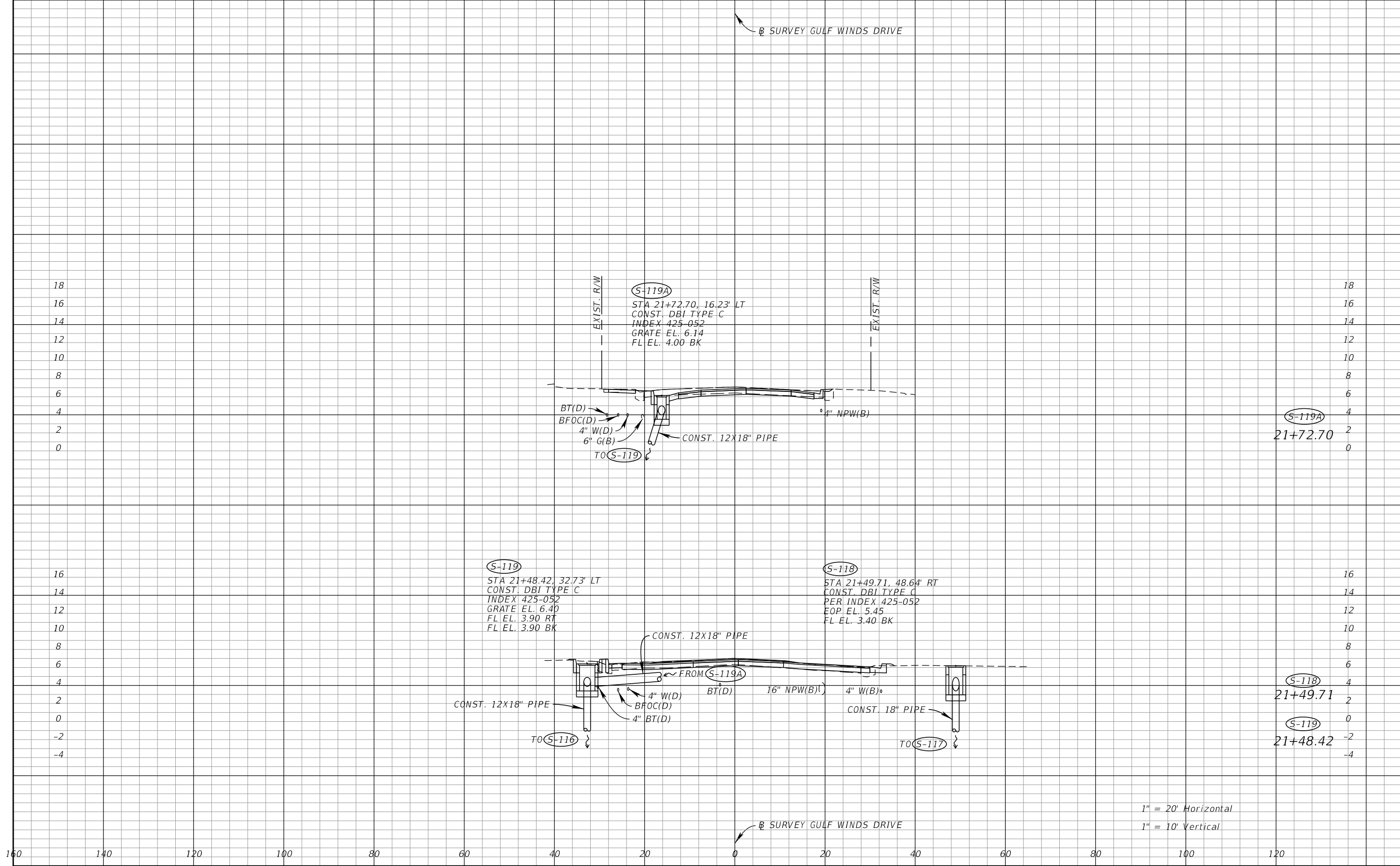
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

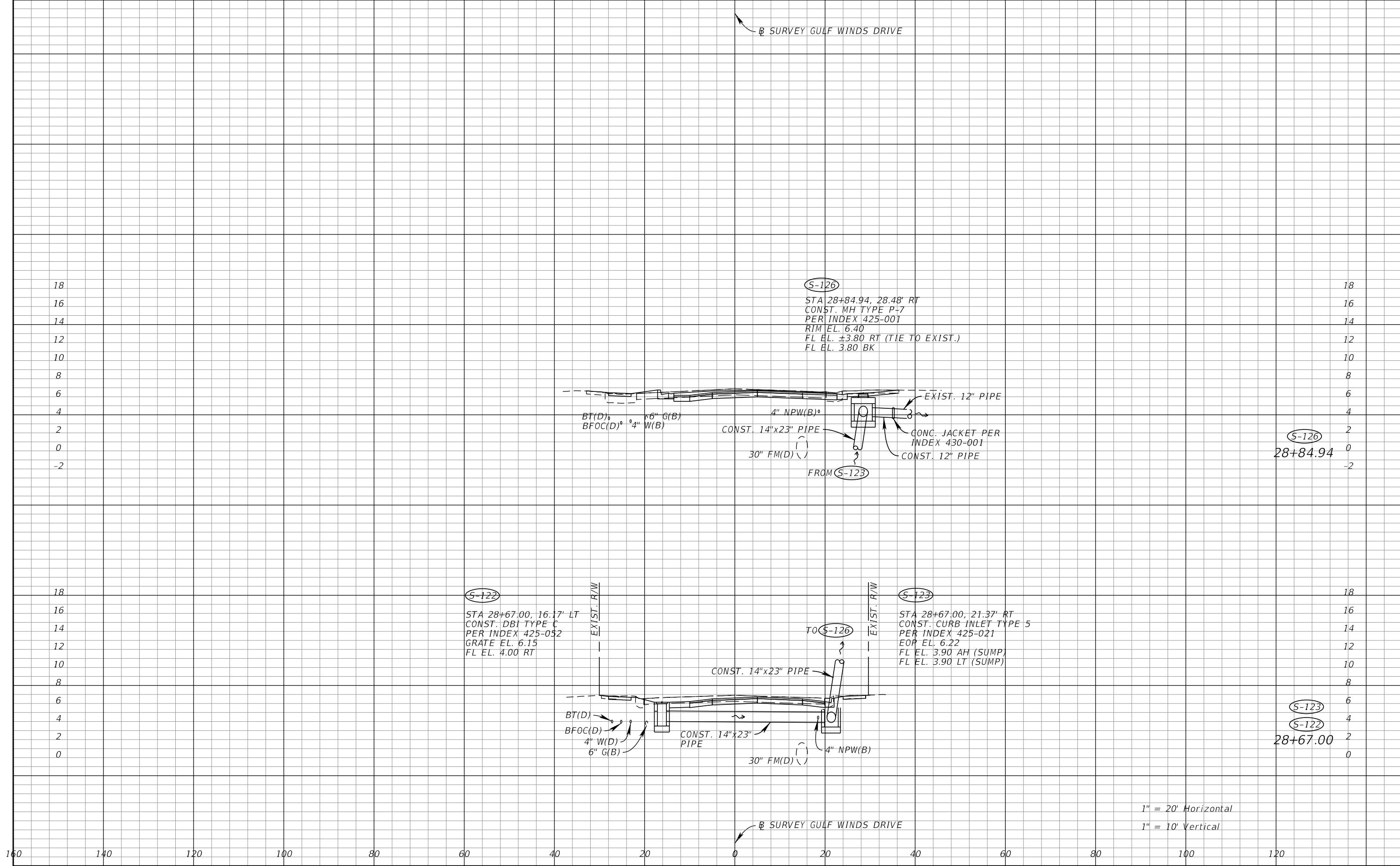
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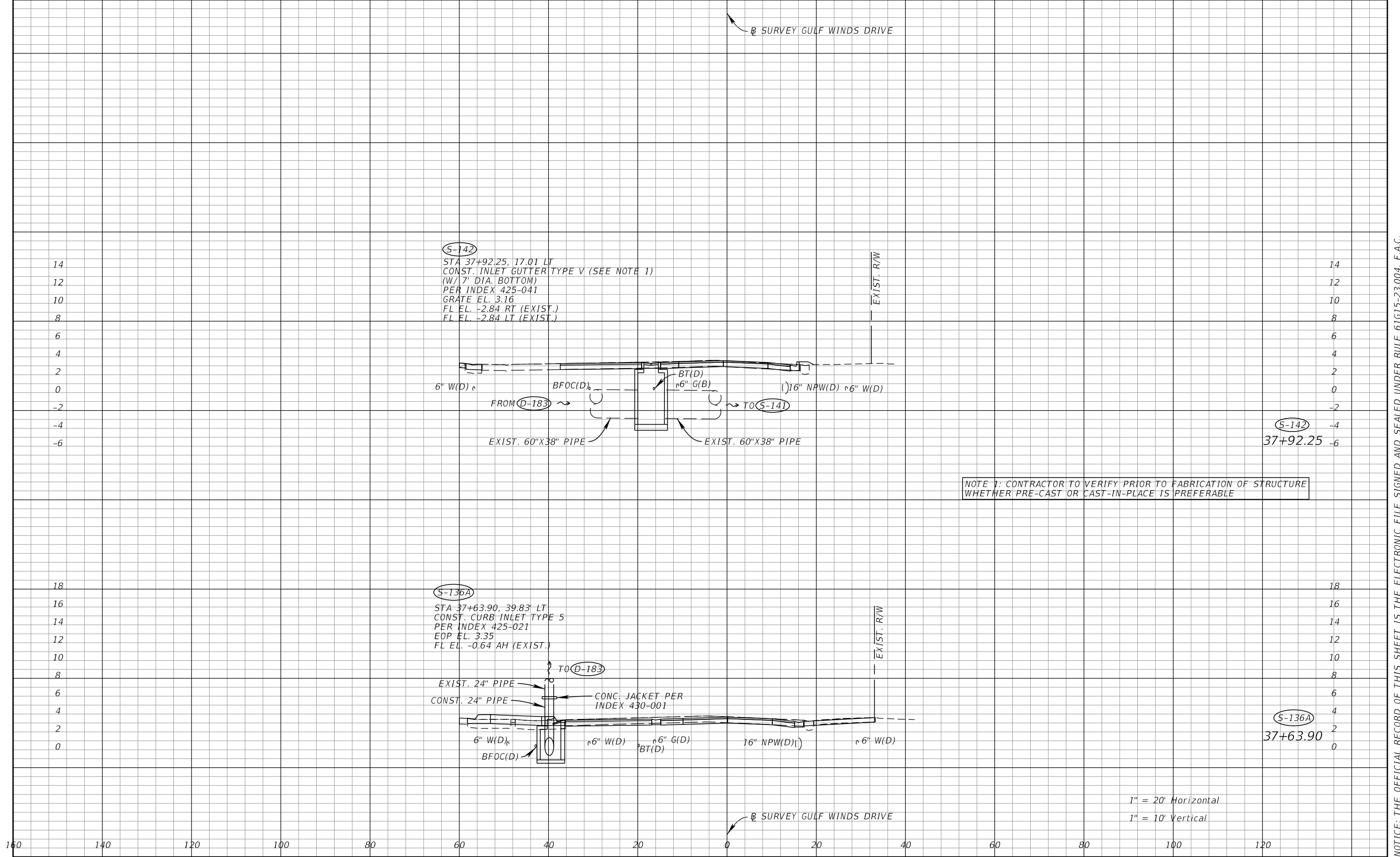
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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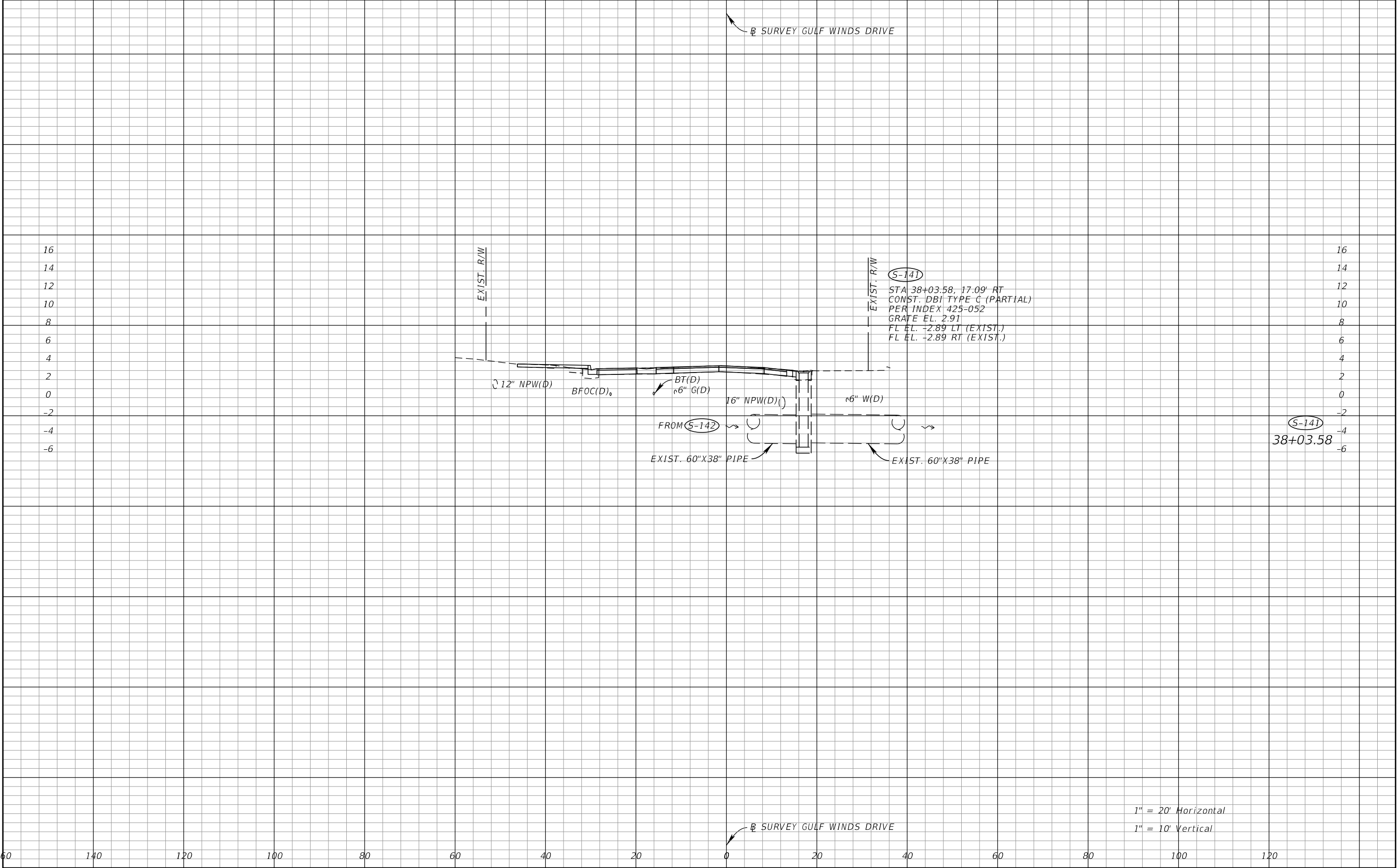
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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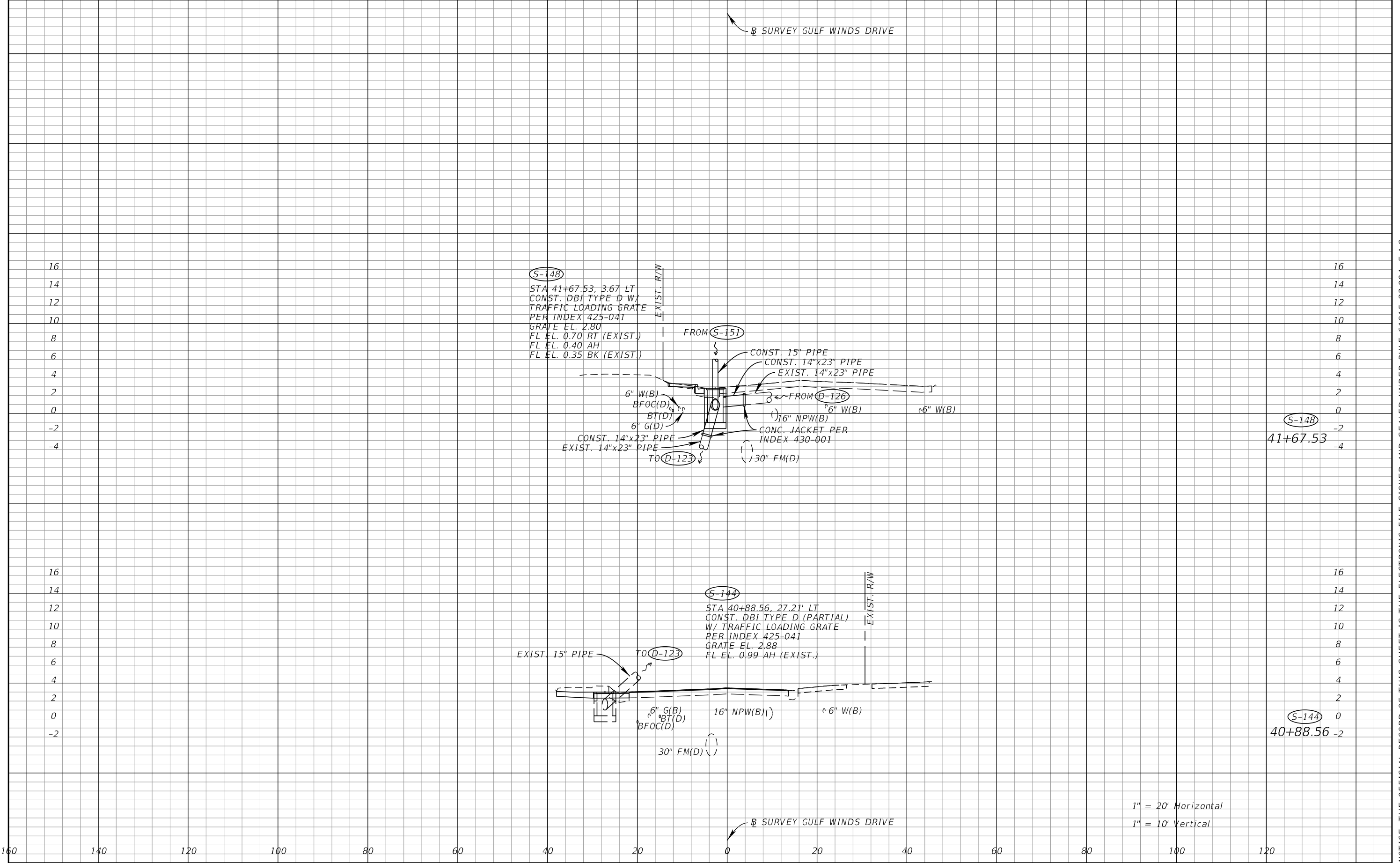


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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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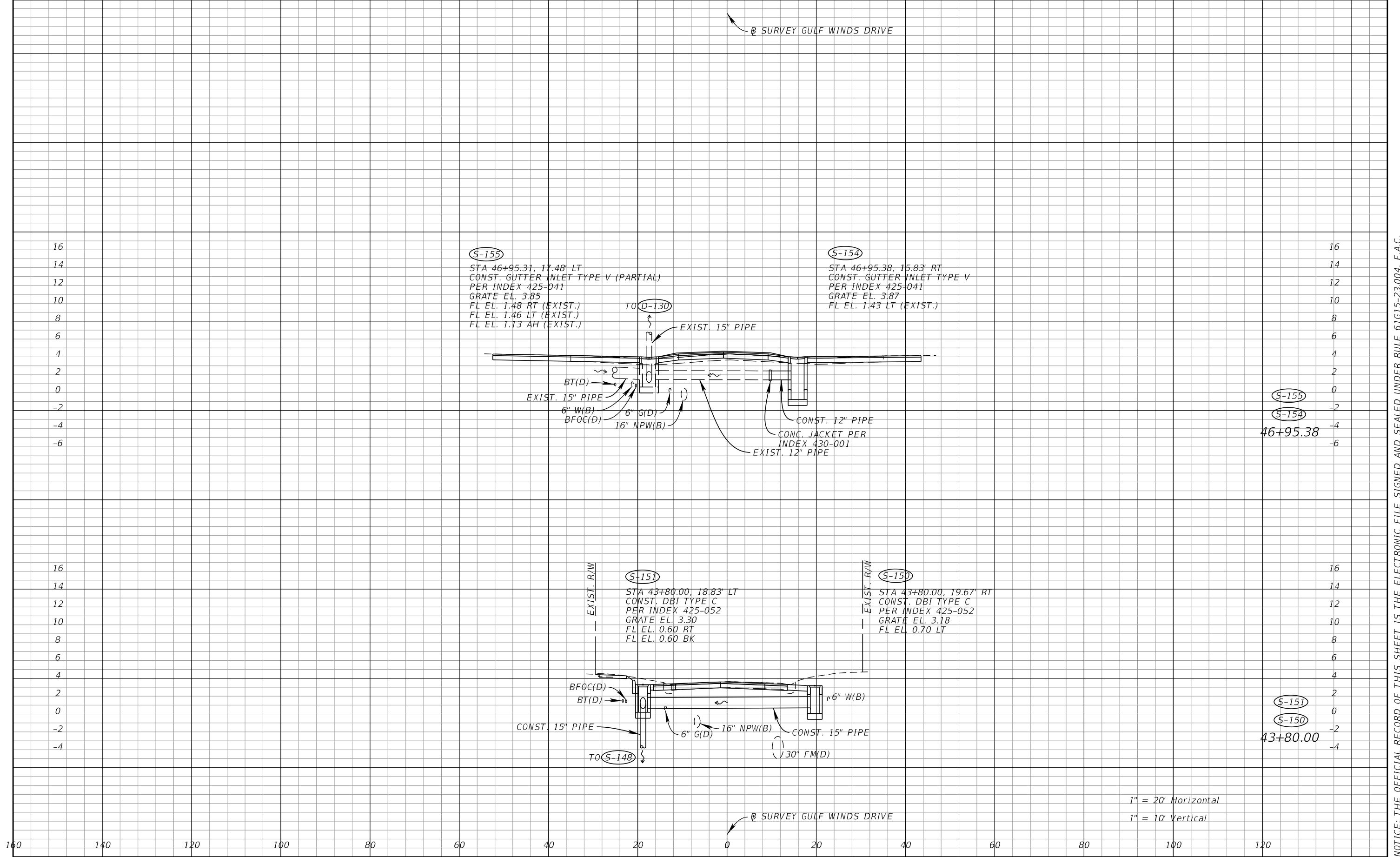


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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE, SUITE 1000 ORLANDO, FL 32801	GULFWINDS DRIVE IMPROVEMENTS PROJECT		DRAINAGE STRUCTURES	SHEET NO. 66 Page 318 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

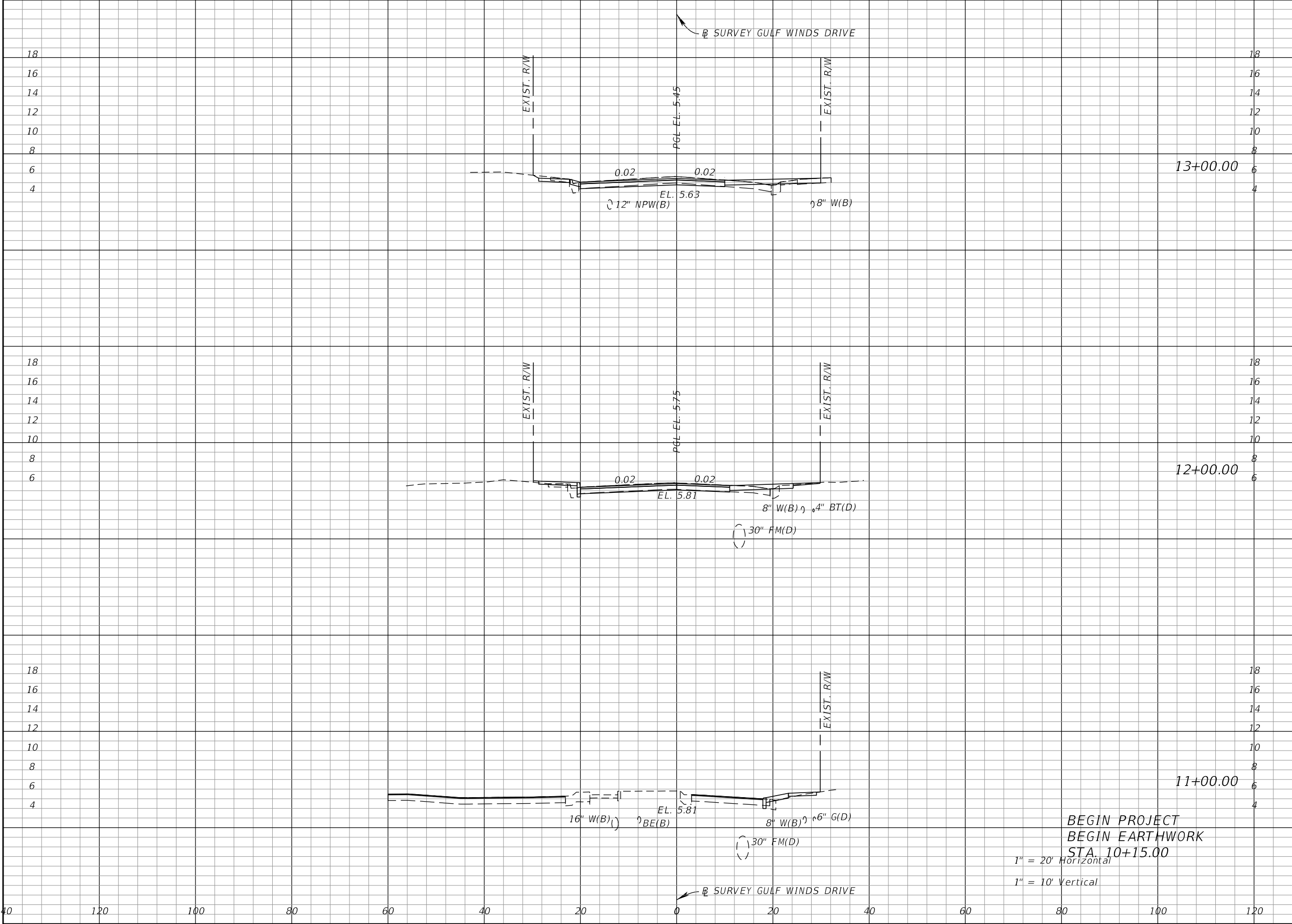
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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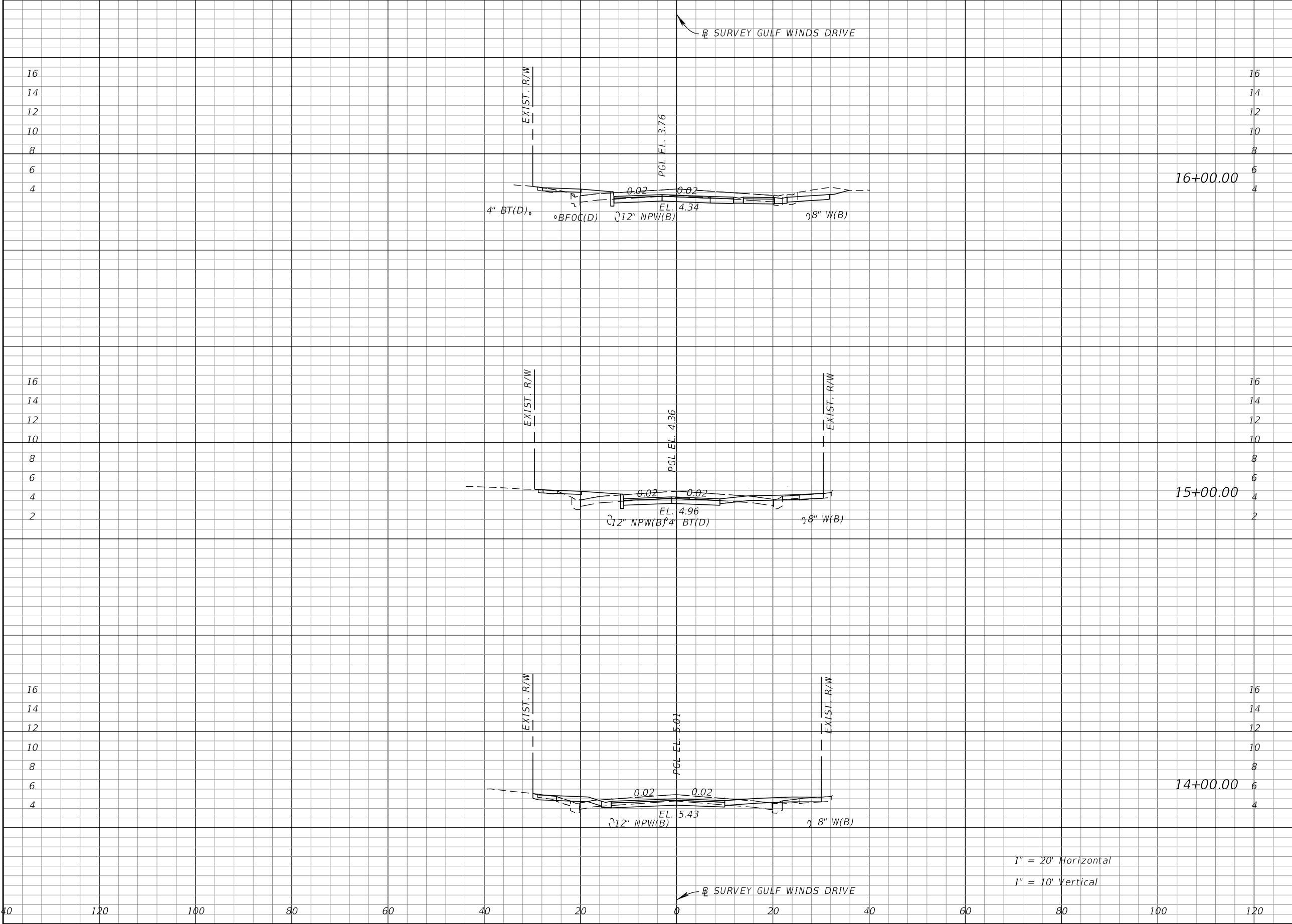
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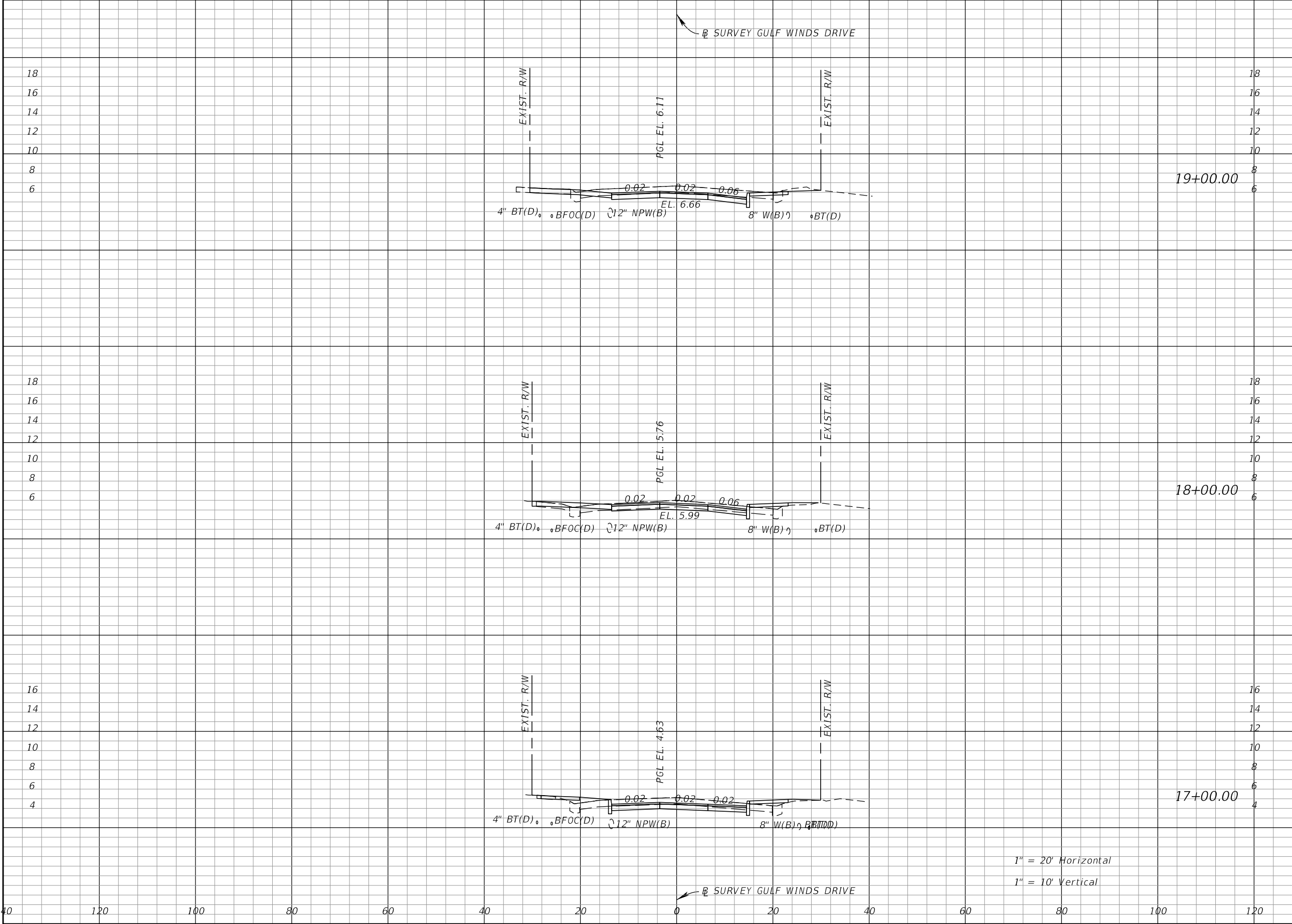
Regular		Exc.	Embankment	
A	V	A	V	
16.6	77.8	5.5	13.3	
25.4	49.1	1.7	8.0	
1.1	0.0	2.6	0.0	

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		CROSS SECTIONS		SHEET NO. 68 Page 320 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY			
					ST. PETE BEACH	PINELLAS			

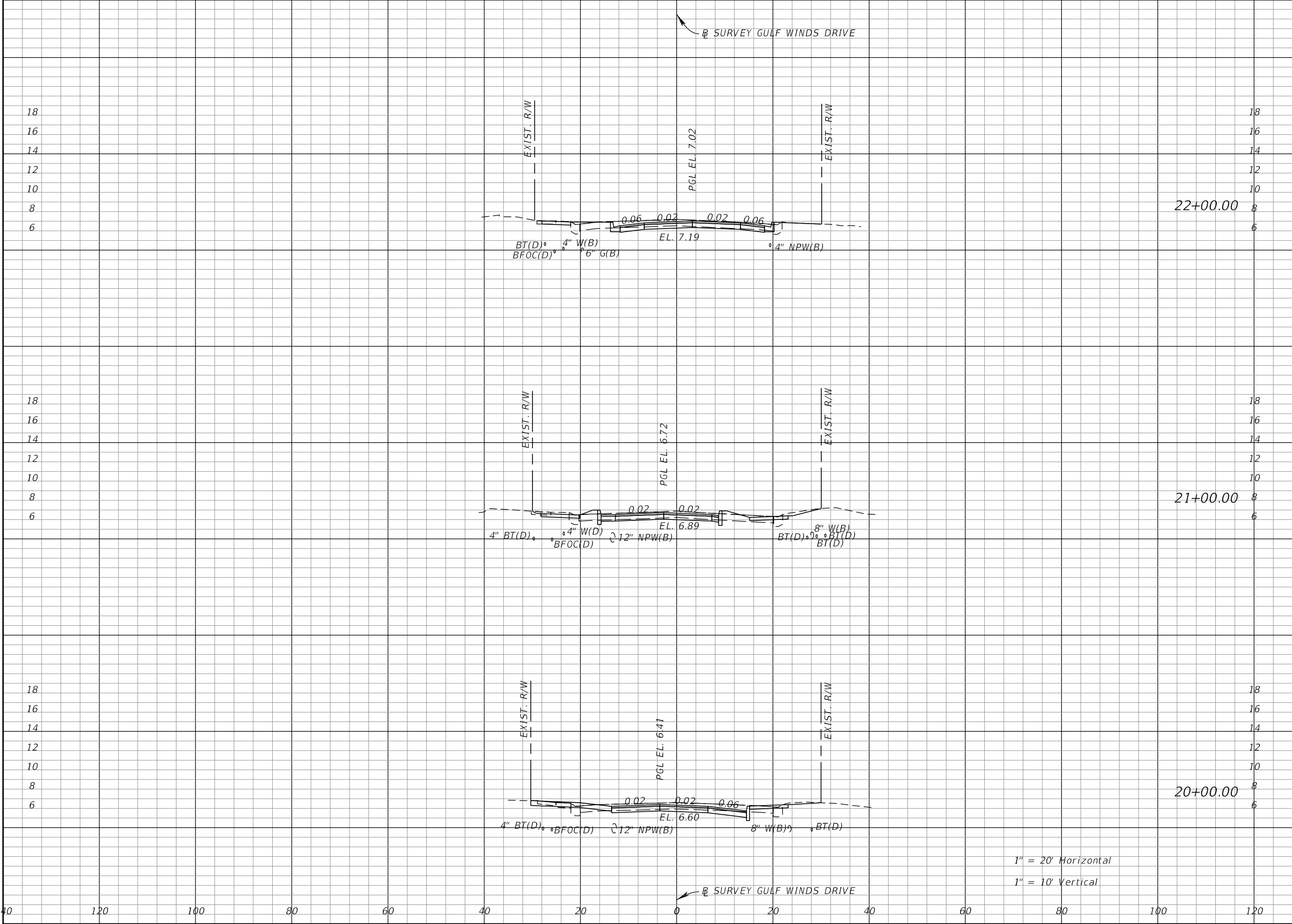
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Regular	Exc.	Embankment	
		A	V
22.2	71.7	5.0	29.6
16.5	72.0	11.0	29.4
22.4	72.2	4.9	19.3



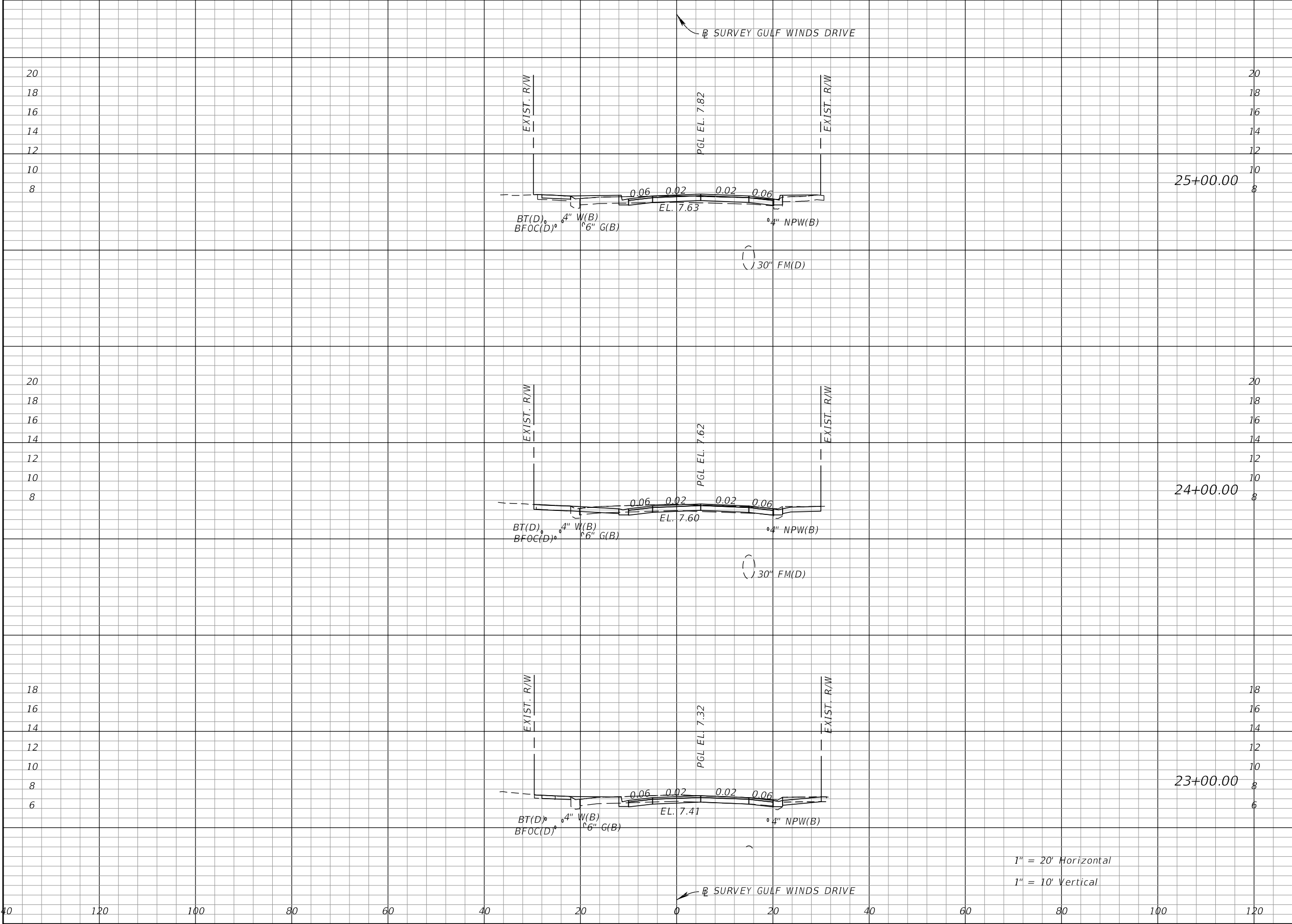
Regular		Exc.	Embankment	
A		V	A	V
49.4		145.0	0.0	4.4
28.9		105.2	2.4	11.5
27.9		92.8	3.8	16.3



Regular	Exc.	Embankment	
		A	V
31.8	116.1	1.0	4.8
30.9	127.2	1.6	3.0
37.8	161.5	0.0	0.0

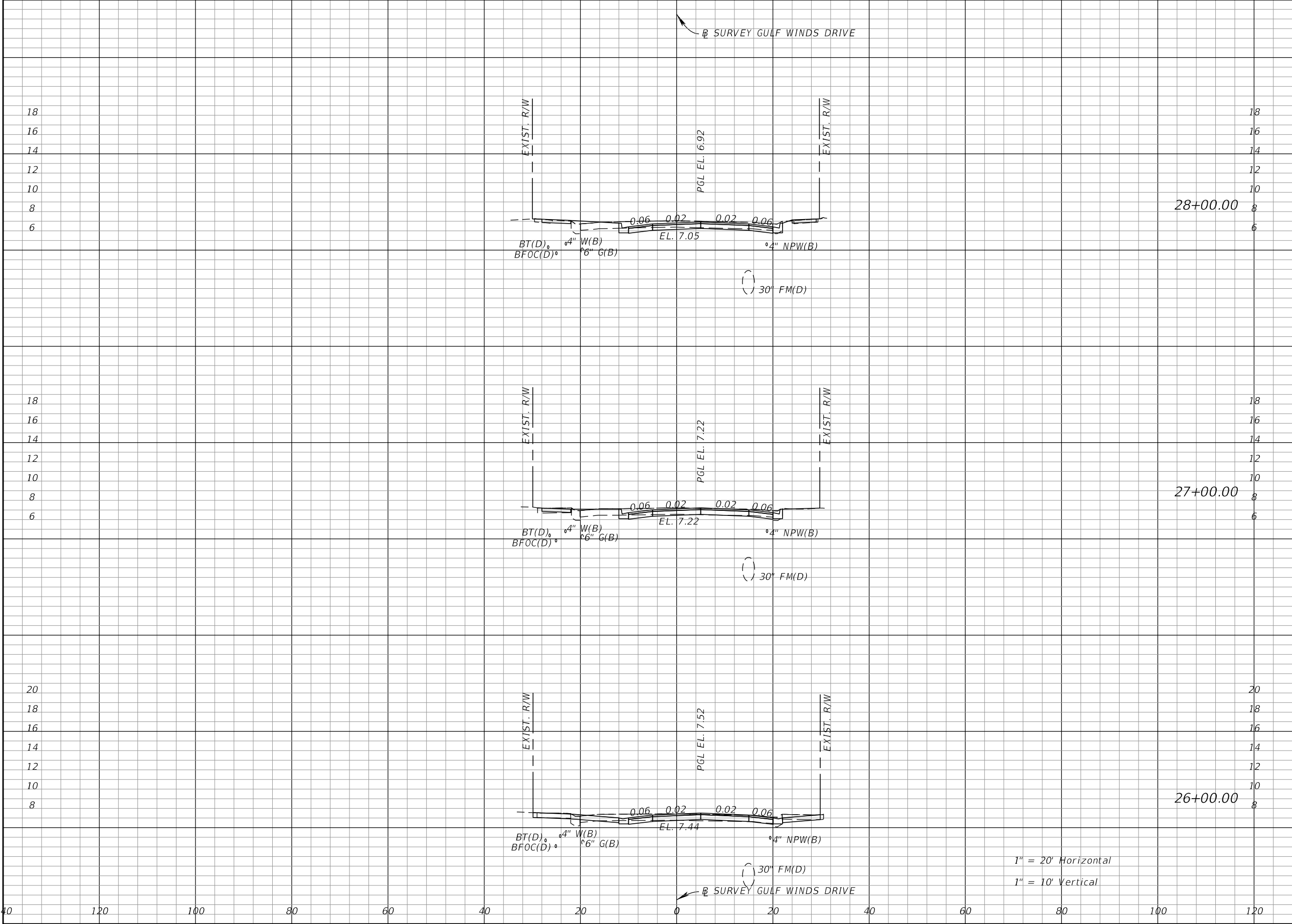
REVISIONS				BOCA CIEGA DRIVE IMPROVEMENTS PROJECT	CROSS SECTIONS		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				
				CITY OF	COUNTY		
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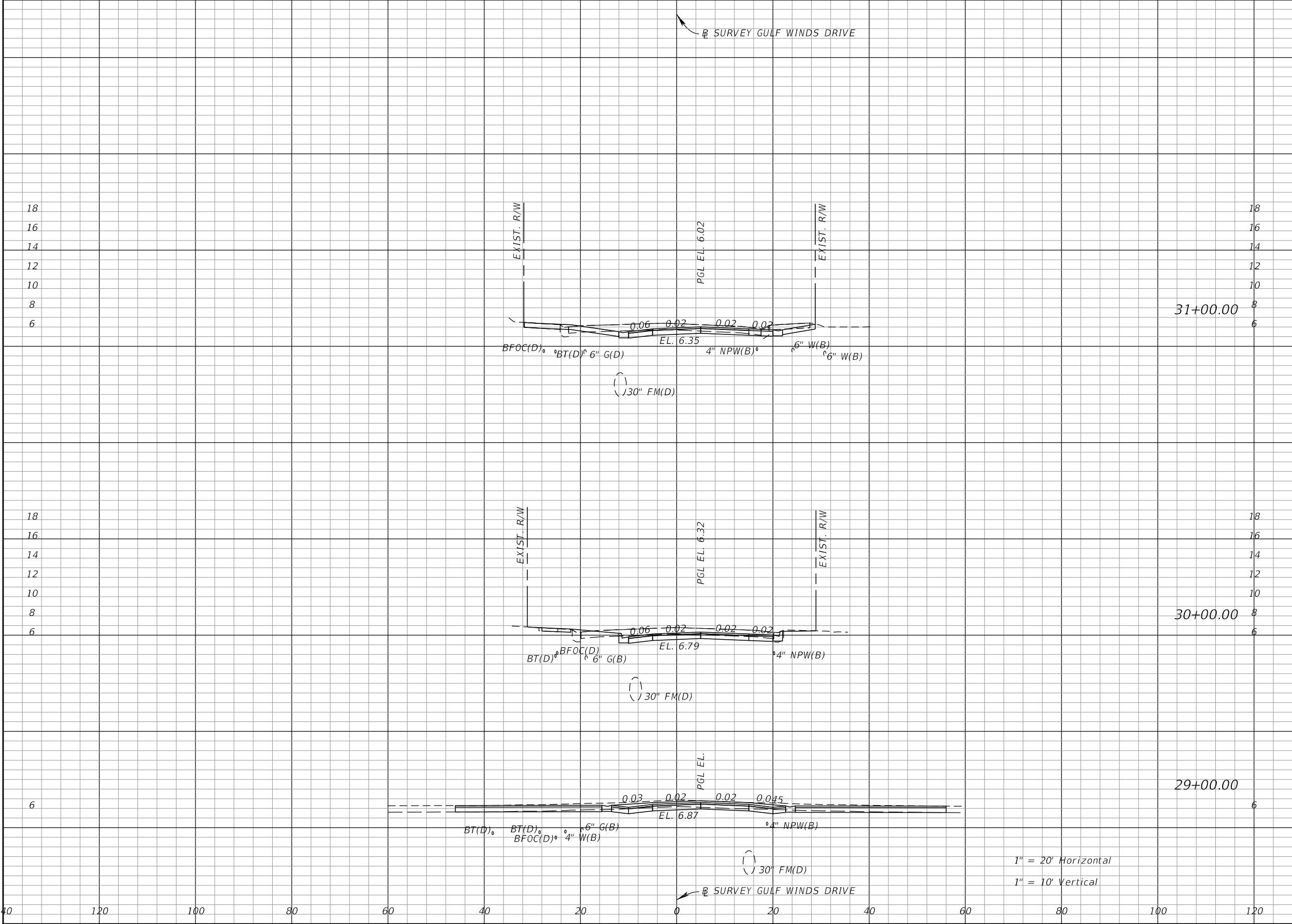


Regular		Exc.	Embankment	
A		V	A	V
21.8	109.8	2.9	5.4	
37.5	133.0	0.0	2.2	
34.3	122.4	1.2	4.1	

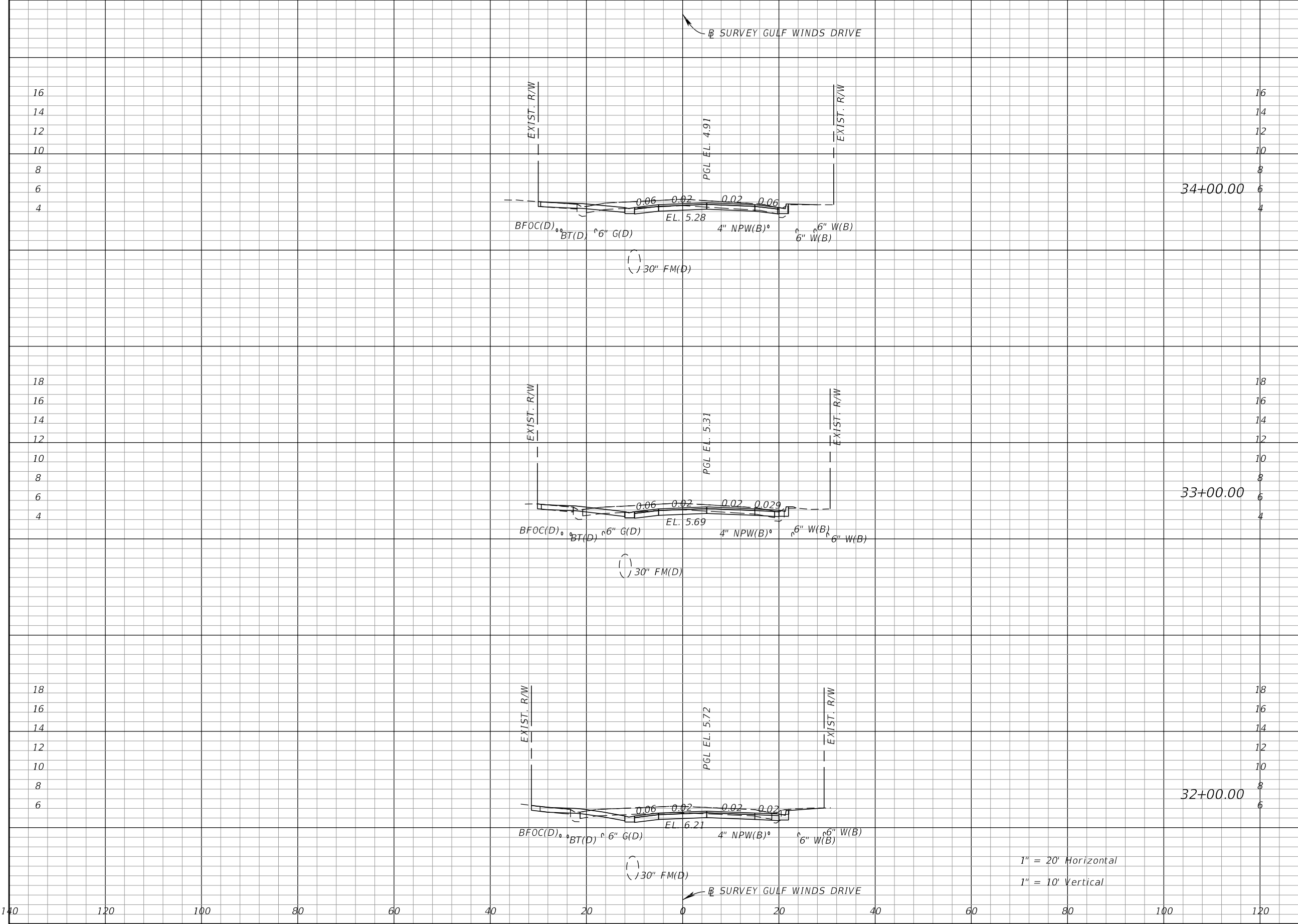
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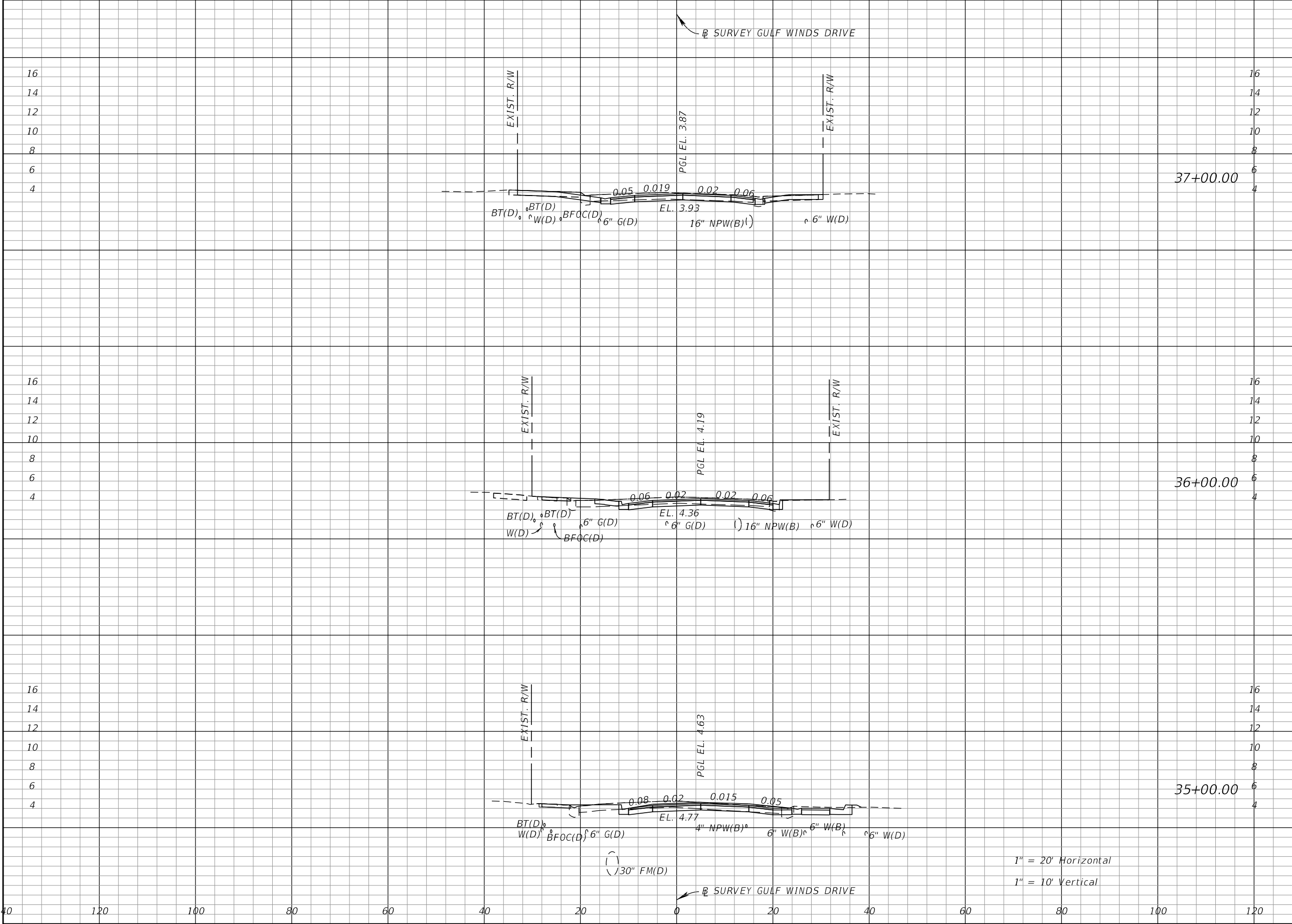
Regular	Exc.	Embankment	
		A	V
34.5	119.1	1.3	3.5
29.8	129.3	0.6	1.1
40.0	114.4	0.0	5.4



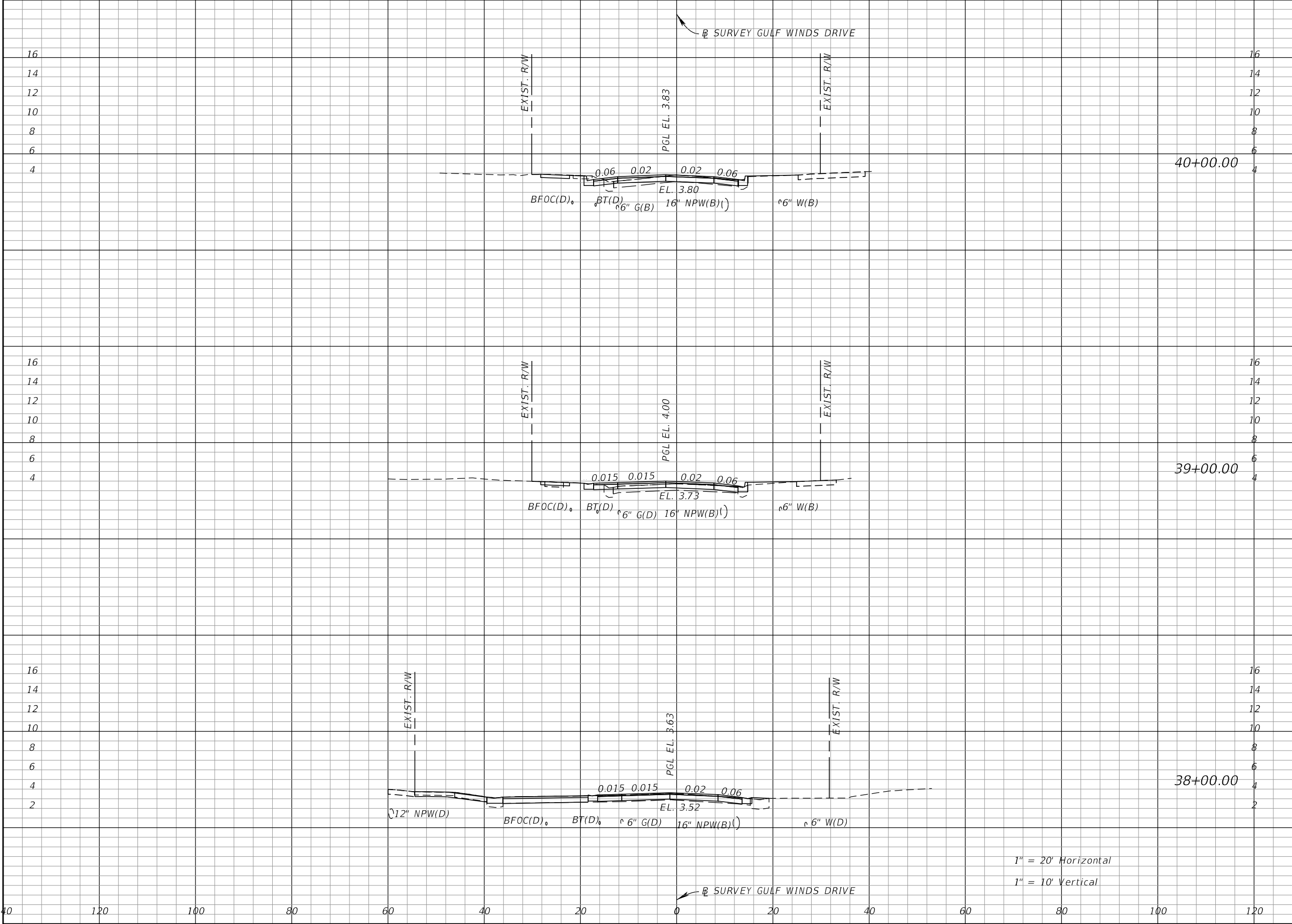
Regular	Exc.	Embankment	
		A	V
55.4	184.6	0.0	1.3
44.3	205.9	0.7	1.3
66.9	187.8	0.0	2.4



Regular	Exc.	Embankment	
		A	V
42.7	159.3	0.2	0.4
43.3	177.8	0.0	0.0
52.7	200.2	0.0	0.0



Regular		Exc.	Embankment	
A		V	A	V
48.9	154.8	0.0	2.8	
34.7	146.5	1.5	4.6	
44.4	161.3	1.0	2.2	

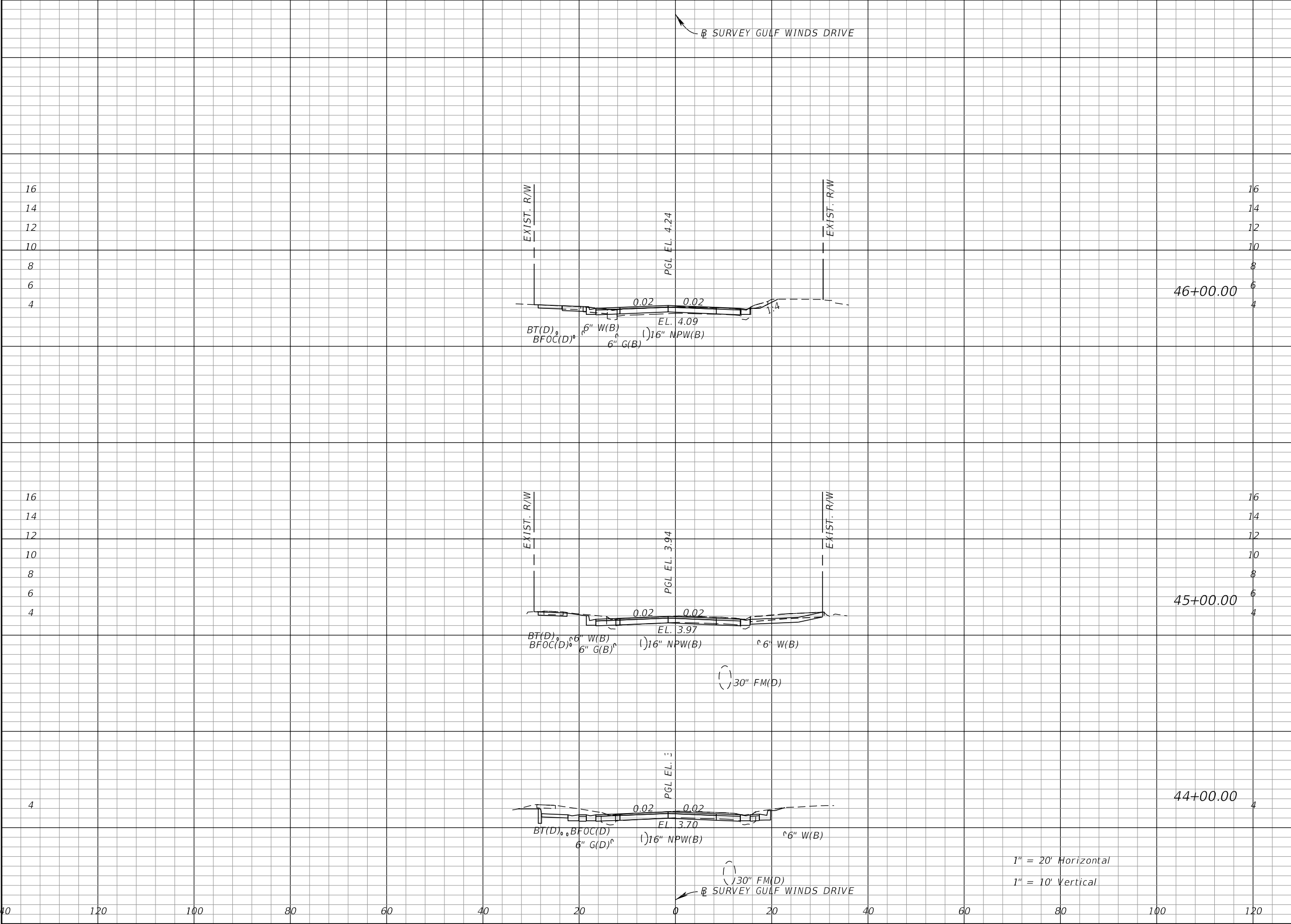


Regular		Exc.	Embankment	
A		V	A	V
16.9		69.1	1.2	4.6
20.4		126.3	1.3	3.0
47.8		179.1	0.3	0.6

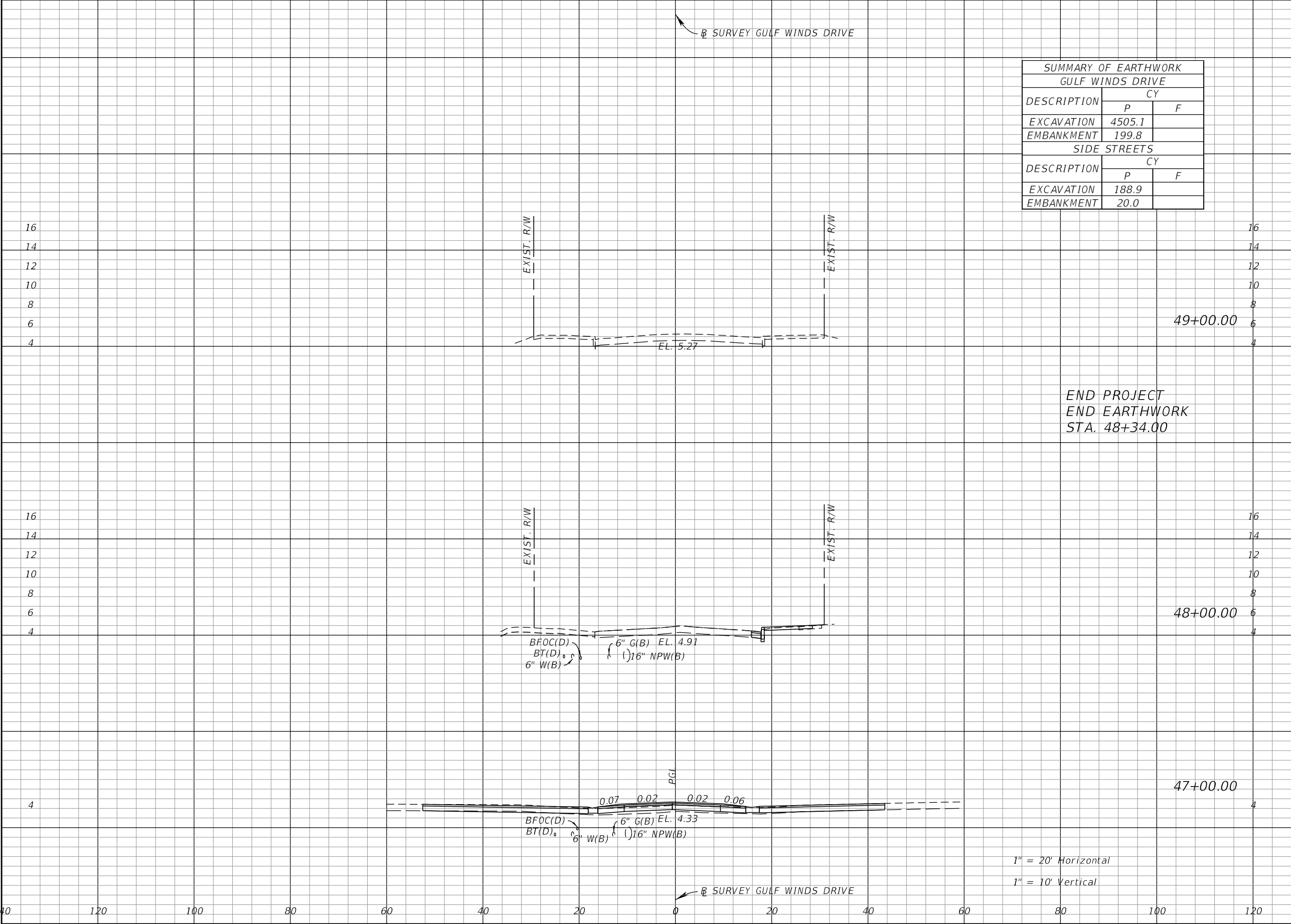
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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		CROSS SECTIONS		SHEET NO. 77 Page 329 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY			
					ST. PETE BEACH	PINELLAS			

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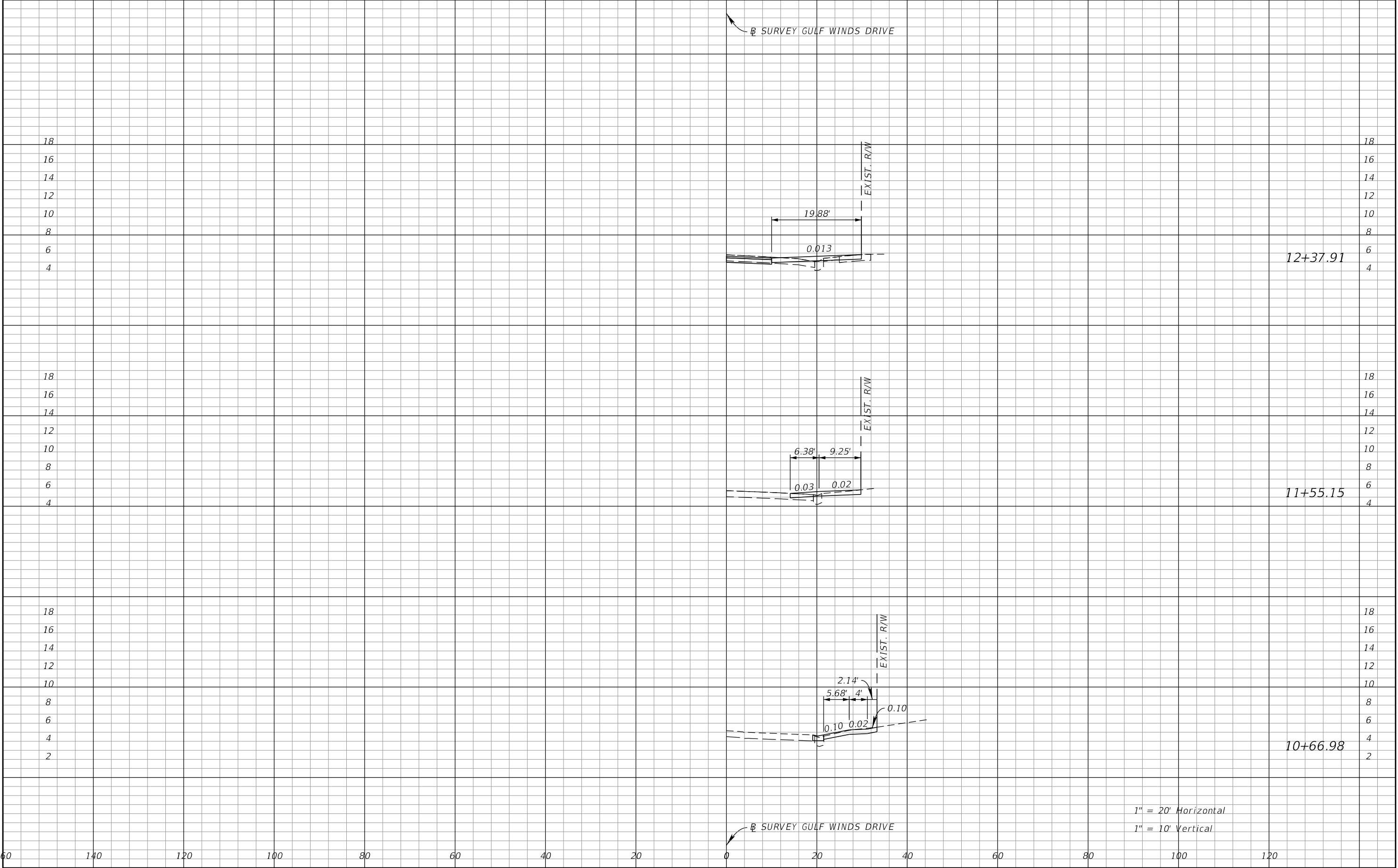


Regular	Exc.	Embankment	
		A	V
38.3	152.4	0.0	0.0
44.0	166.3	0.0	0.0
45.8	98.3	0.0	5.4



SUMMARY OF EARTHWORK		
GULF WINDS DRIVE		
DESCRIPTION	CY	
	P	F
EXCAVATION	4505.1	
EMBANKMENT	199.8	
SIDE STREETS		
DESCRIPTION	CY	
	P	F
EXCAVATION	188.9	
EMBANKMENT	20.0	

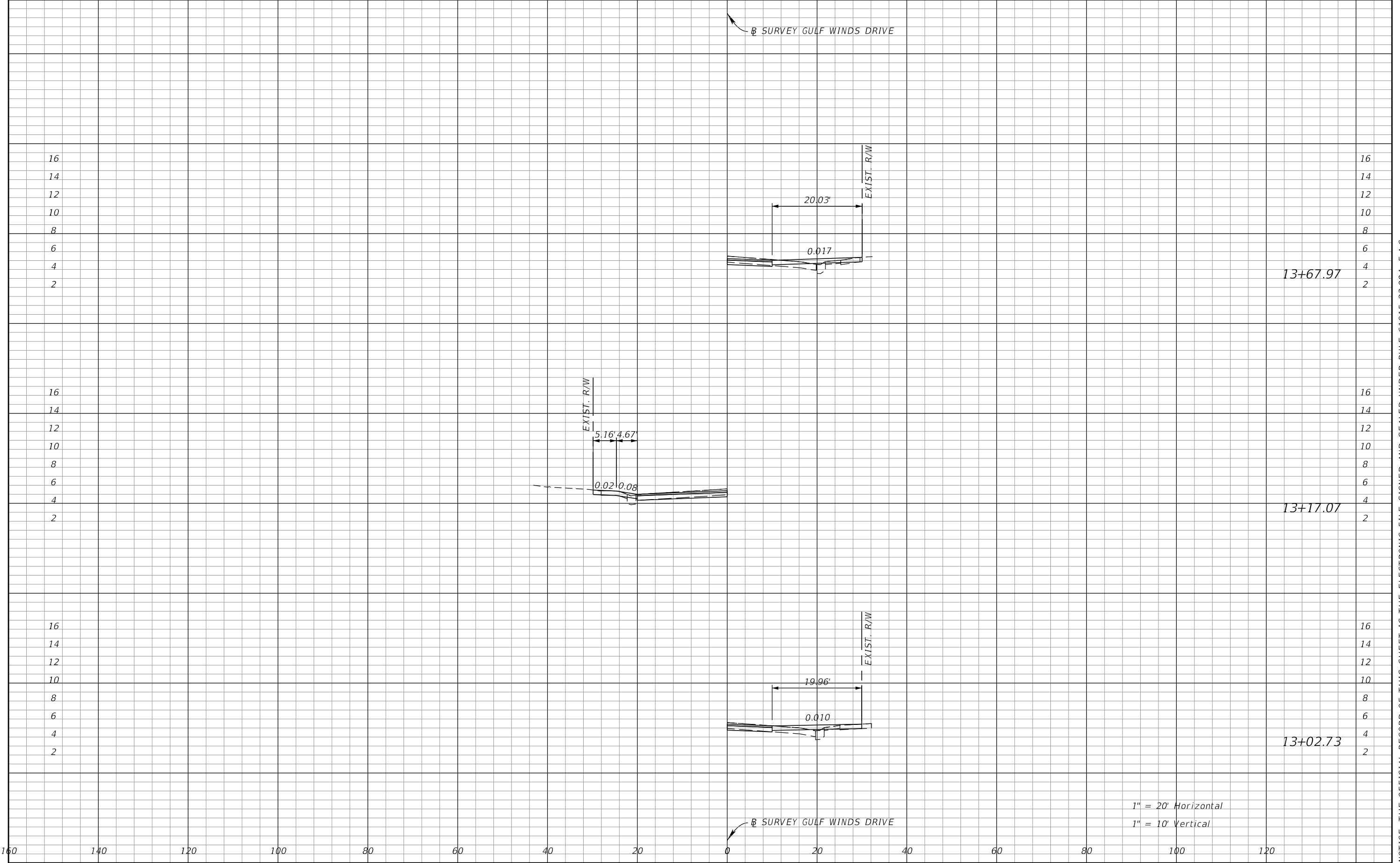
Regular	Exc.	Embankment	
		A	V
0.0	5.9	0.0	0.2
3.2	65.7	0.1	0.2
32.3	130.7	0.0	0.0



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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		DRIVEWAY HALF SECTIONS	SHEET NO. 81 Page 333 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

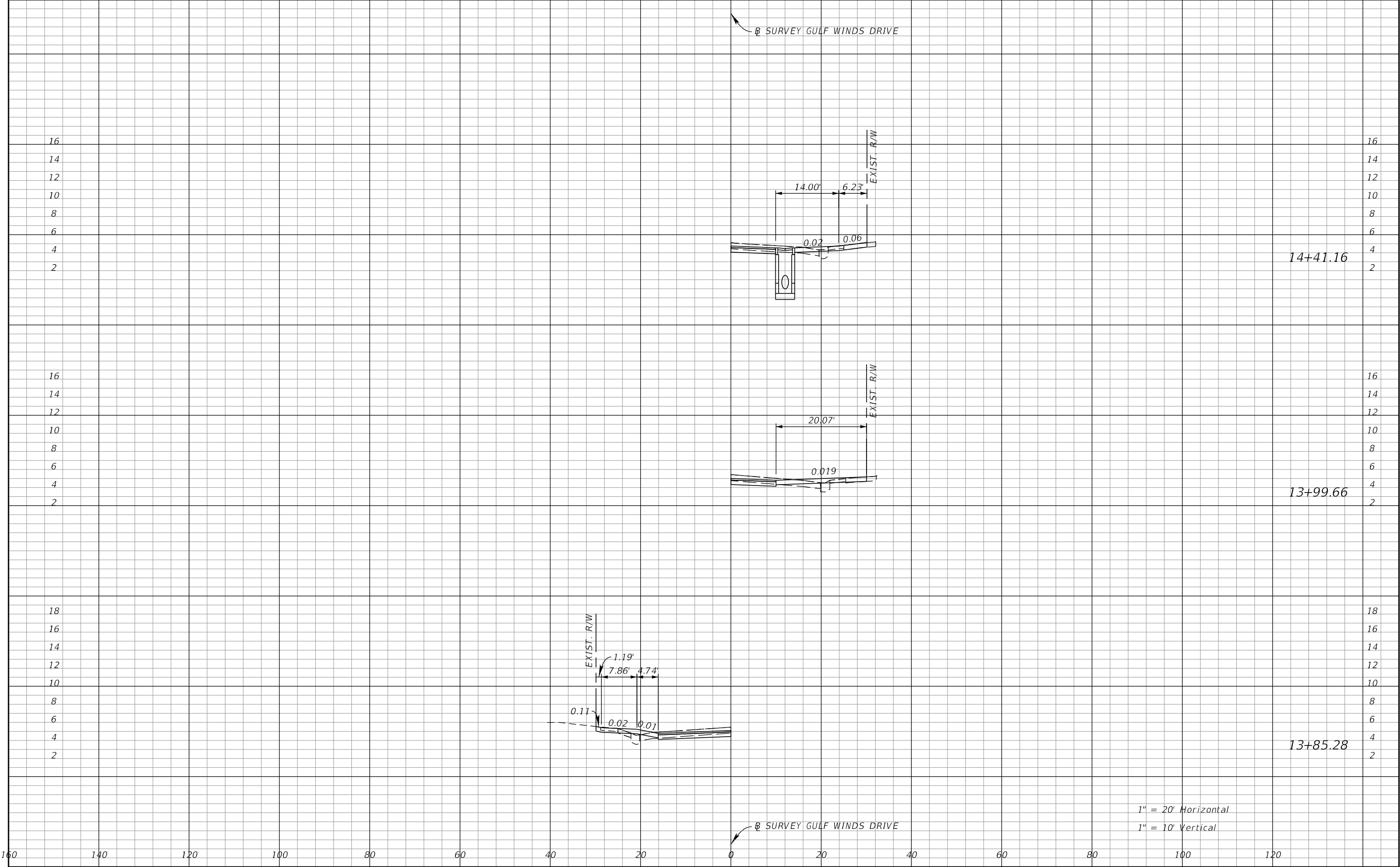
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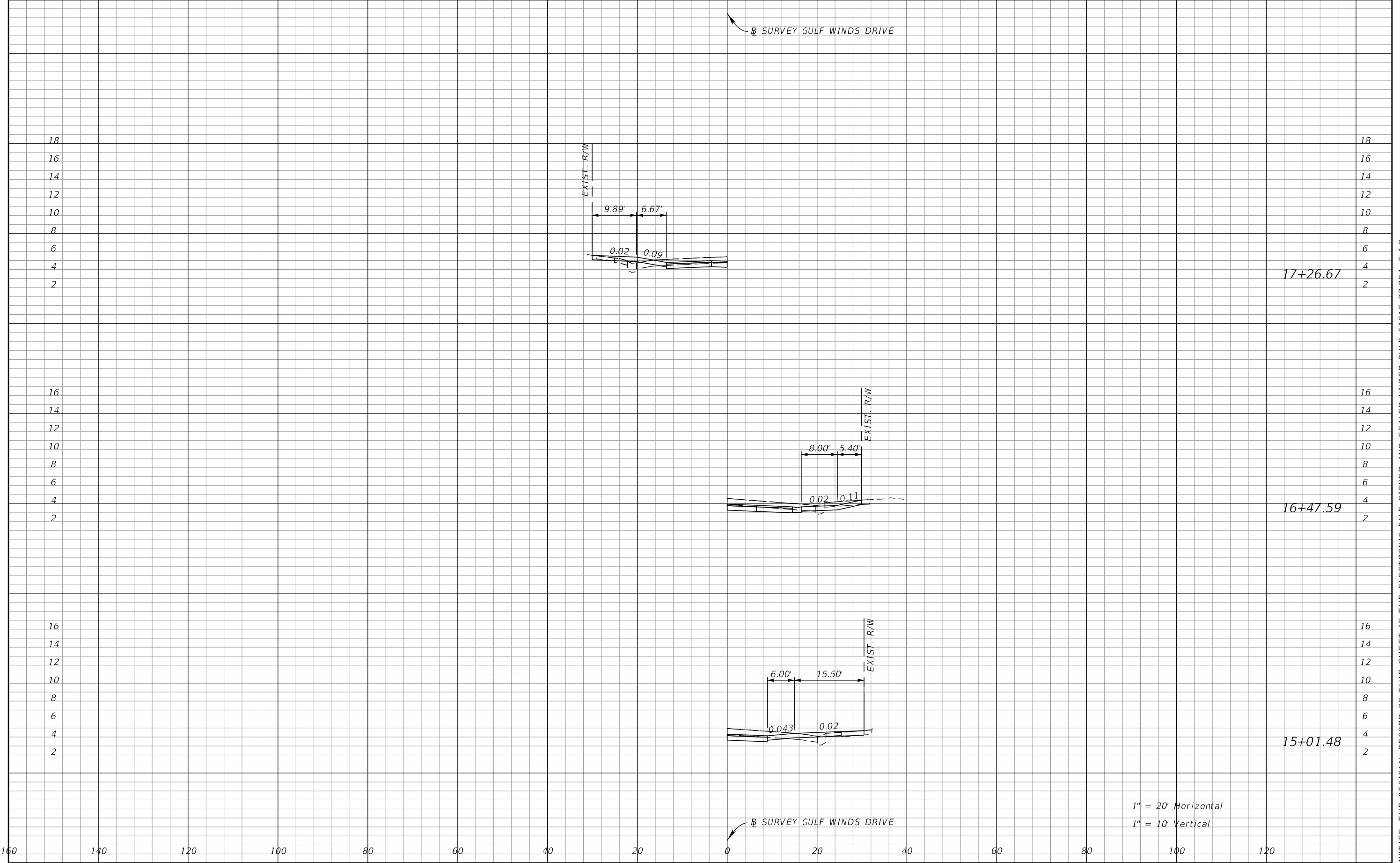
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		DRIVEWAY HALF SECTIONS	SHEET NO. 82 Page 334 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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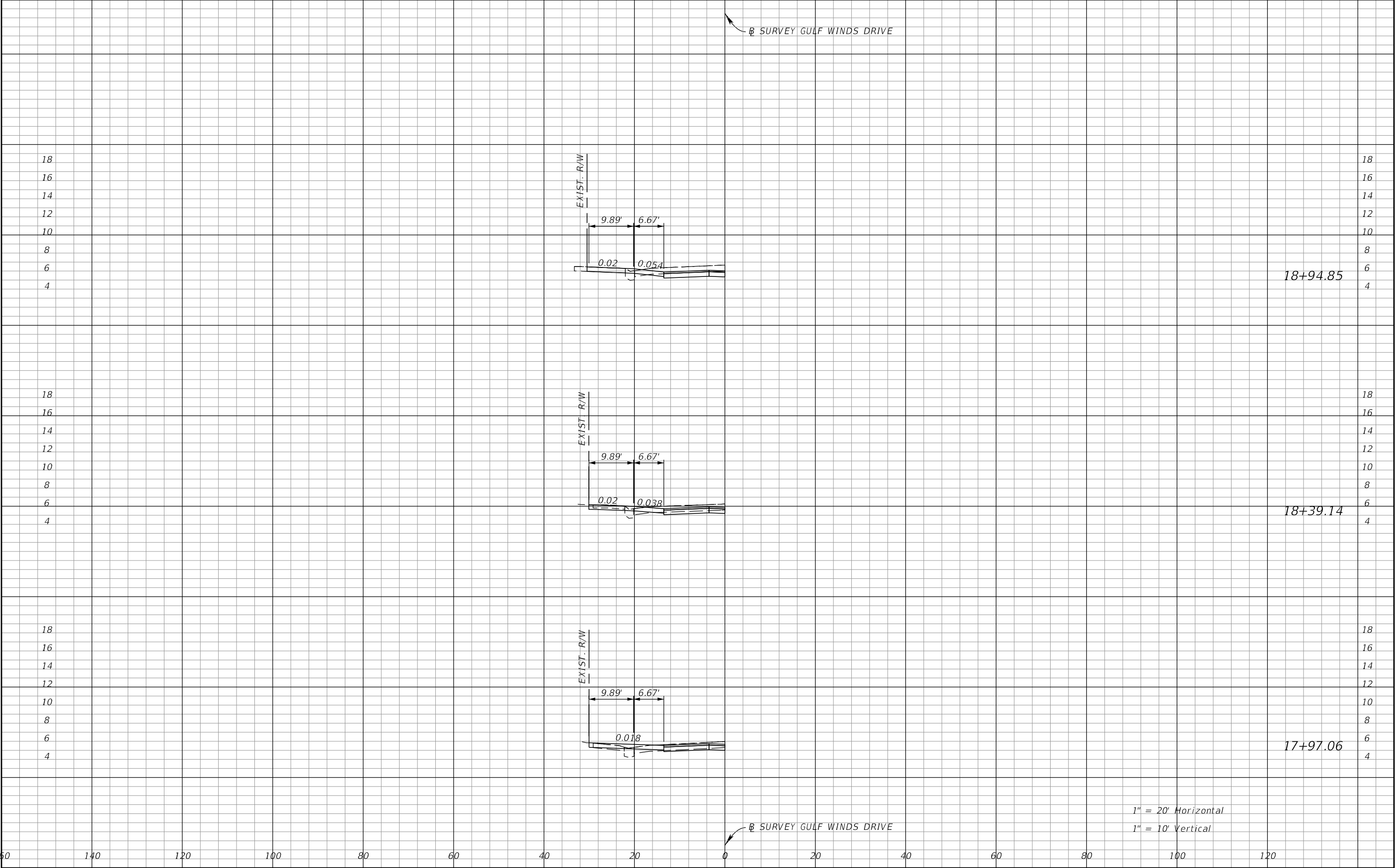
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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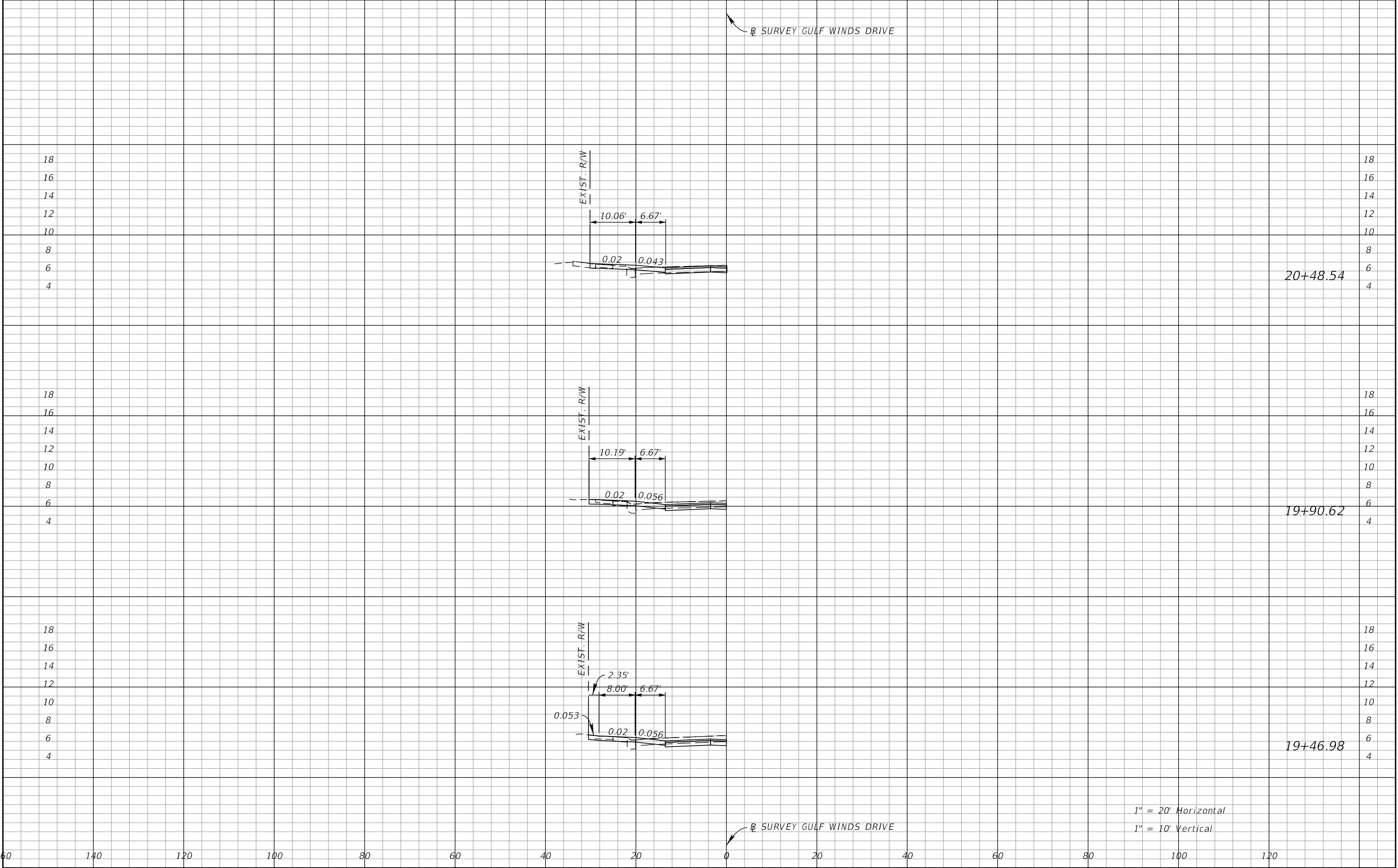
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		DRIVEWAY HALF SECTIONS	84 Page 336 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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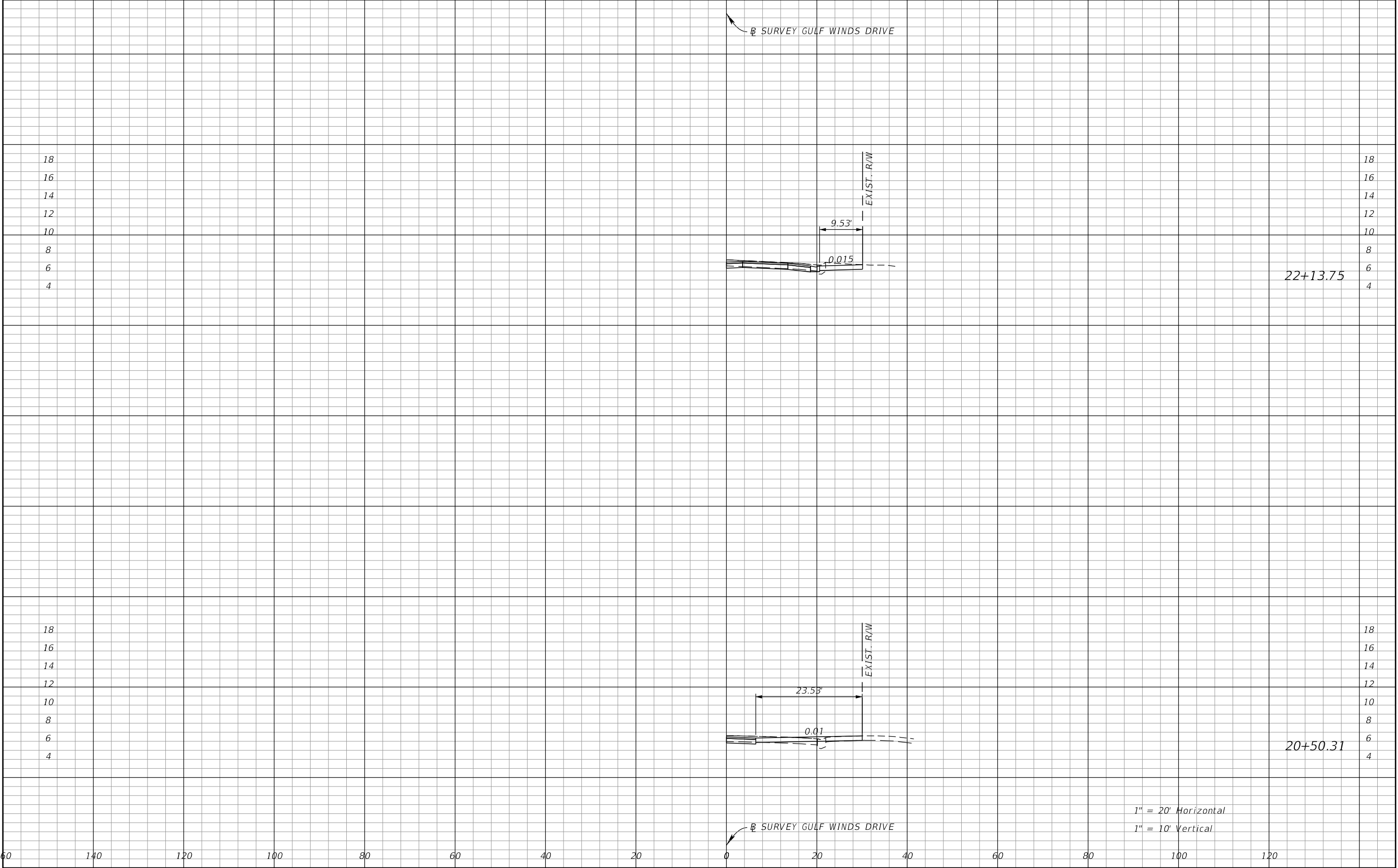
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		DRIVEWAY HALF SECTIONS	SHEET NO. 85 Page 337 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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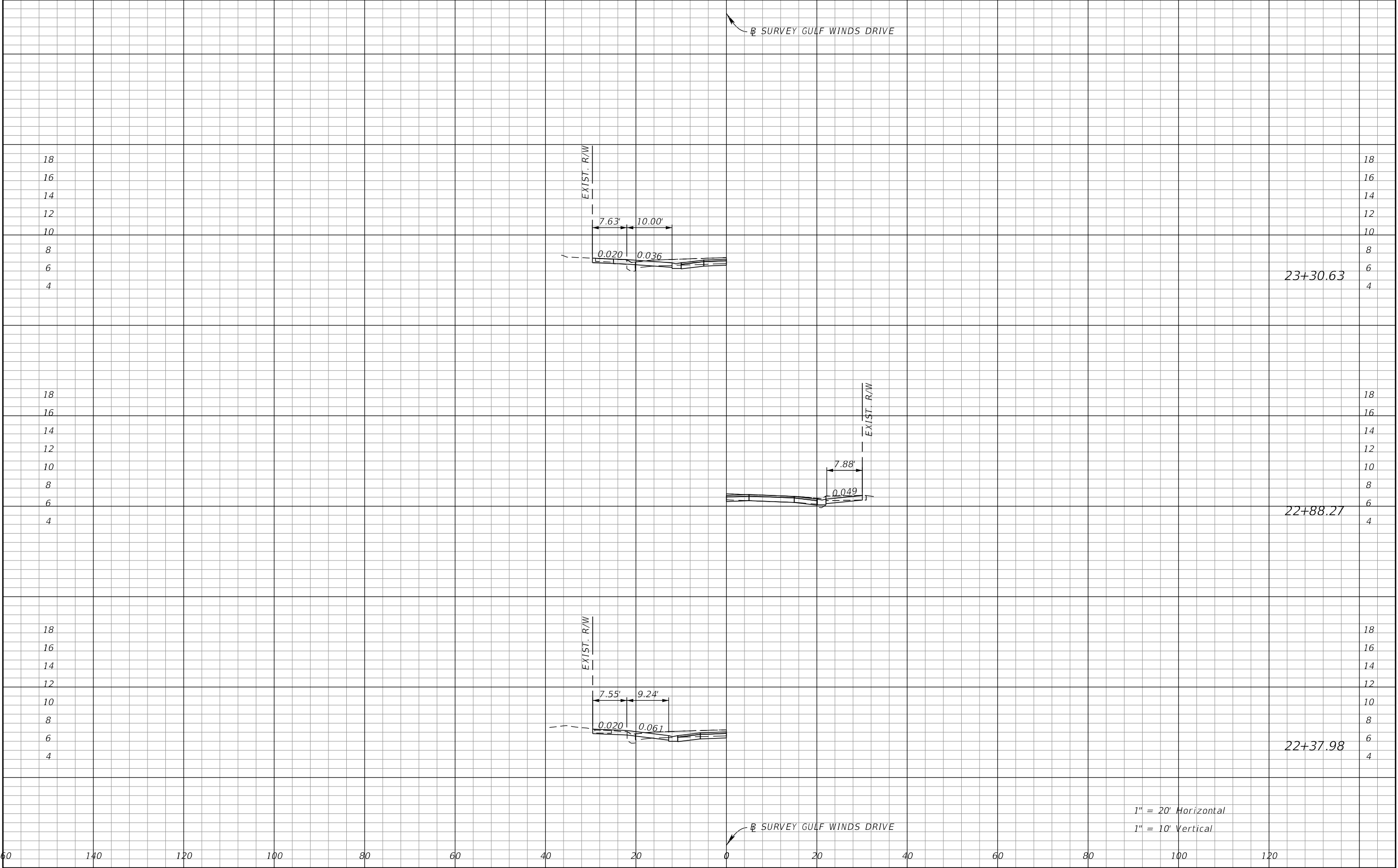
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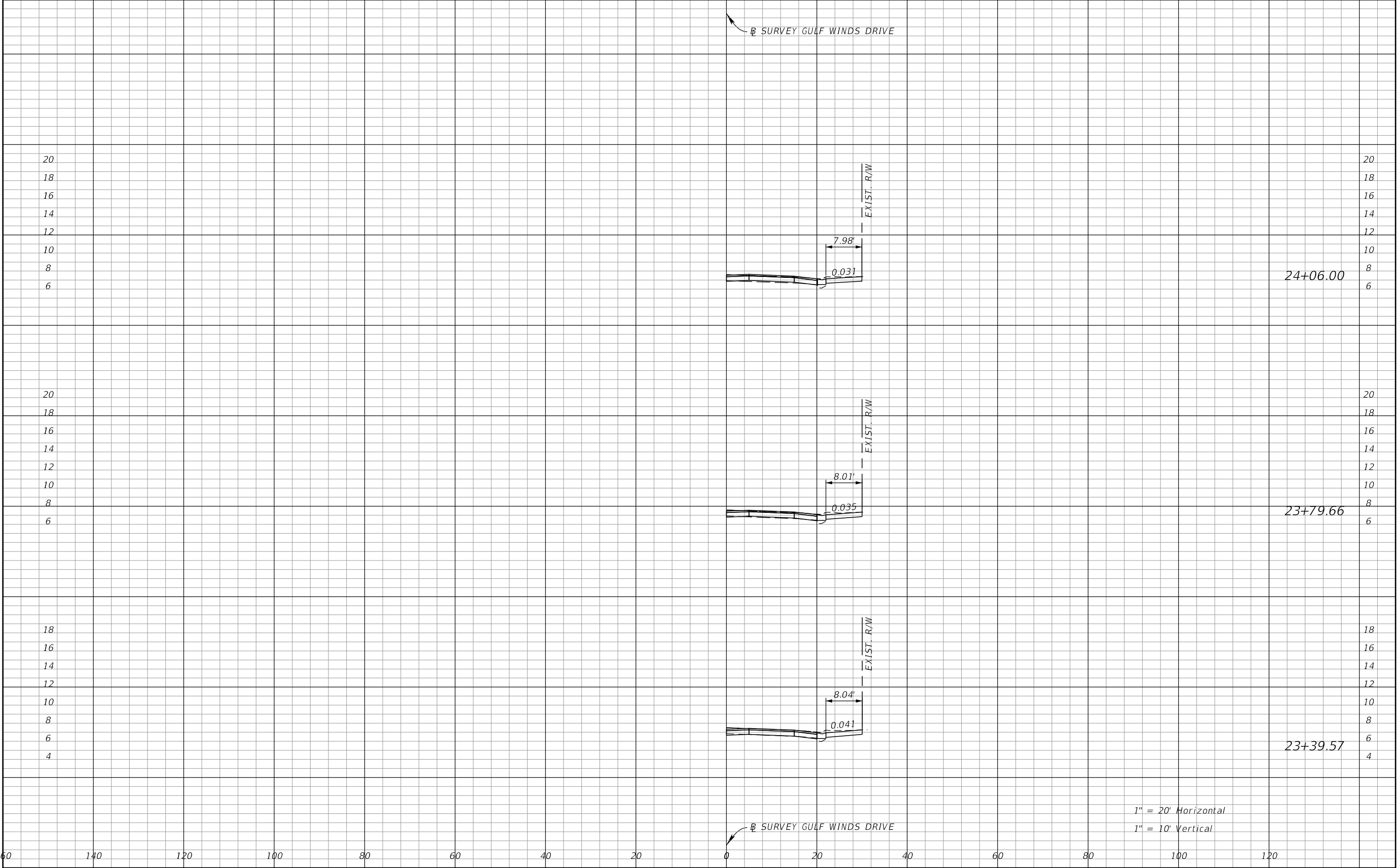
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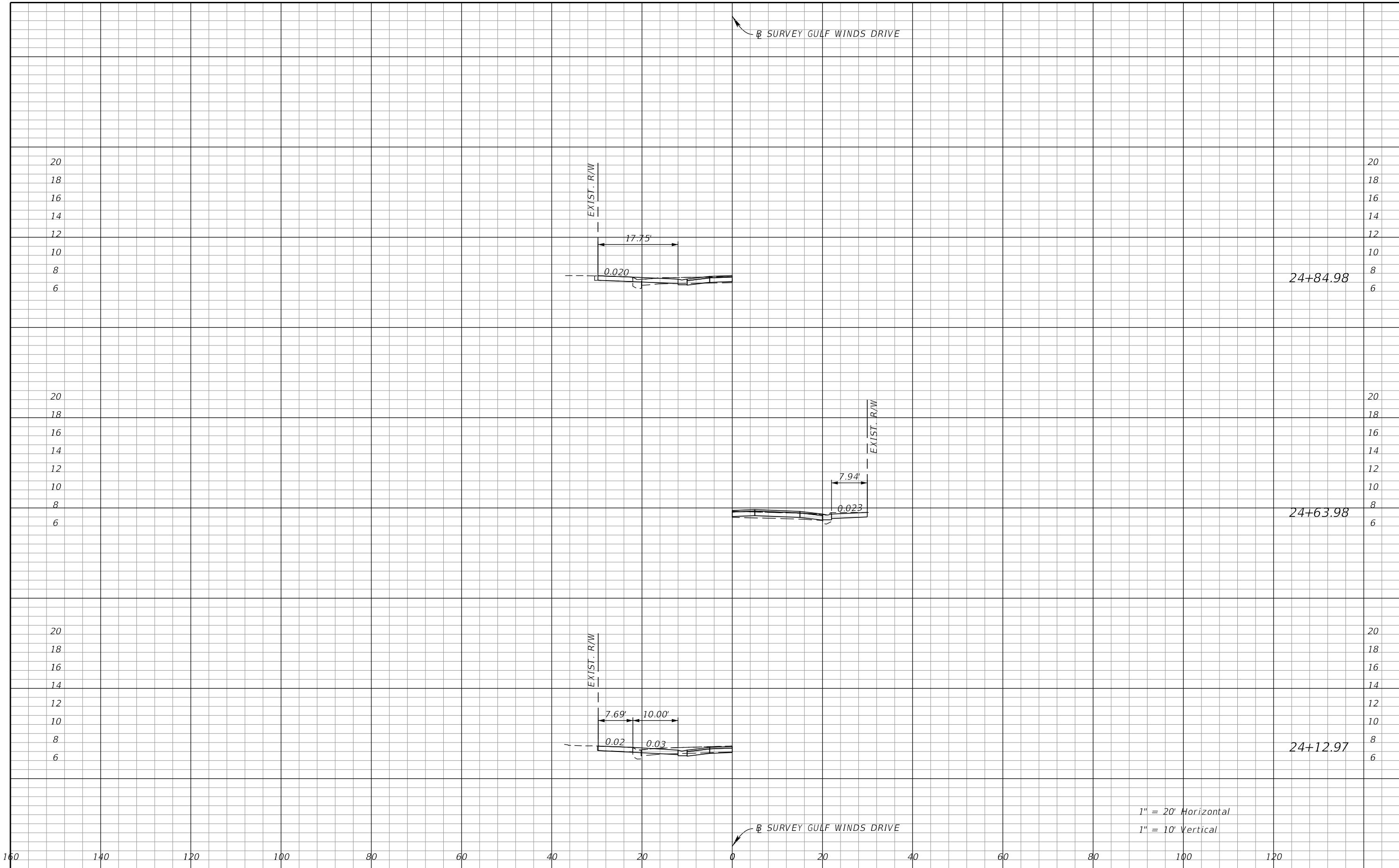
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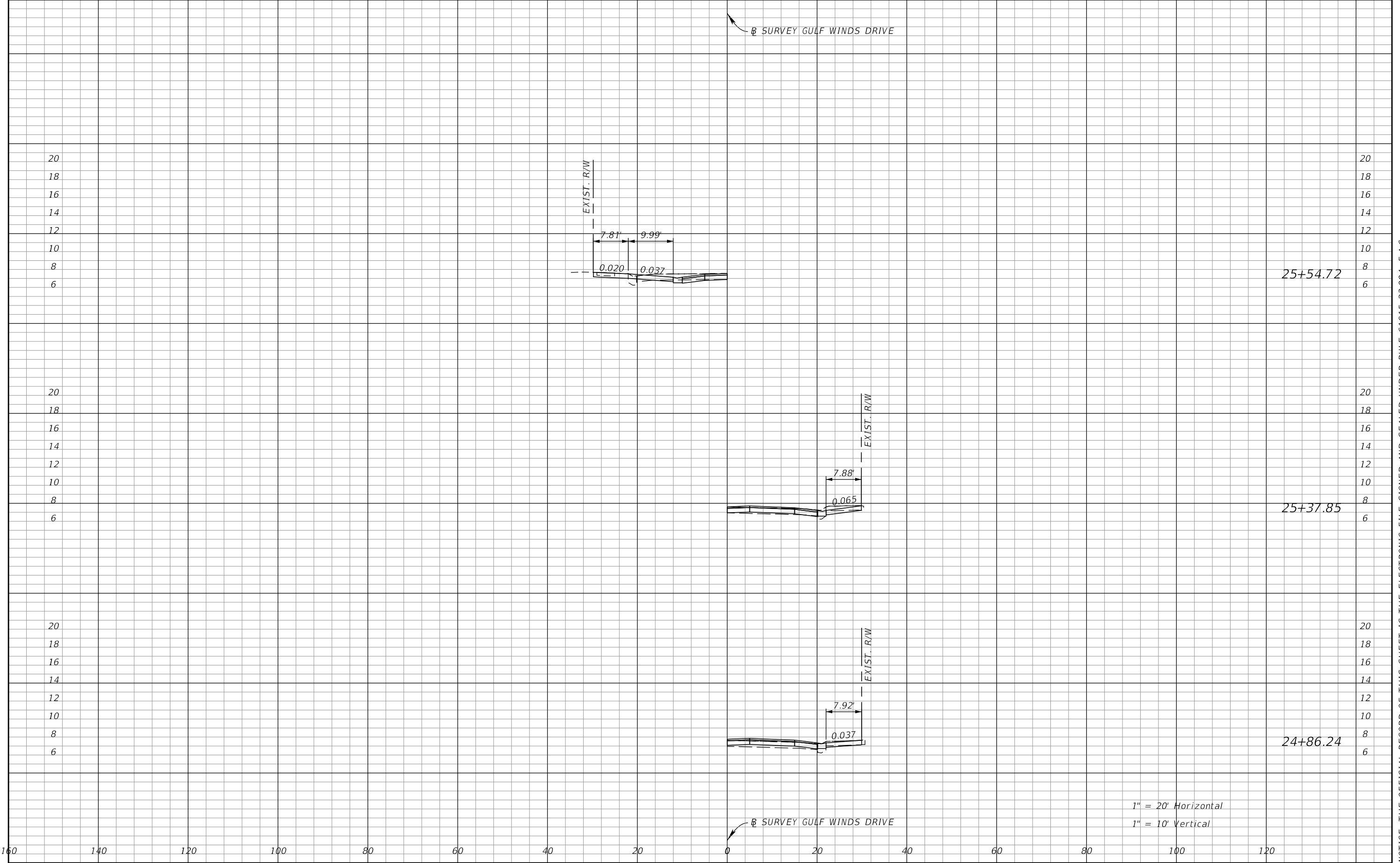
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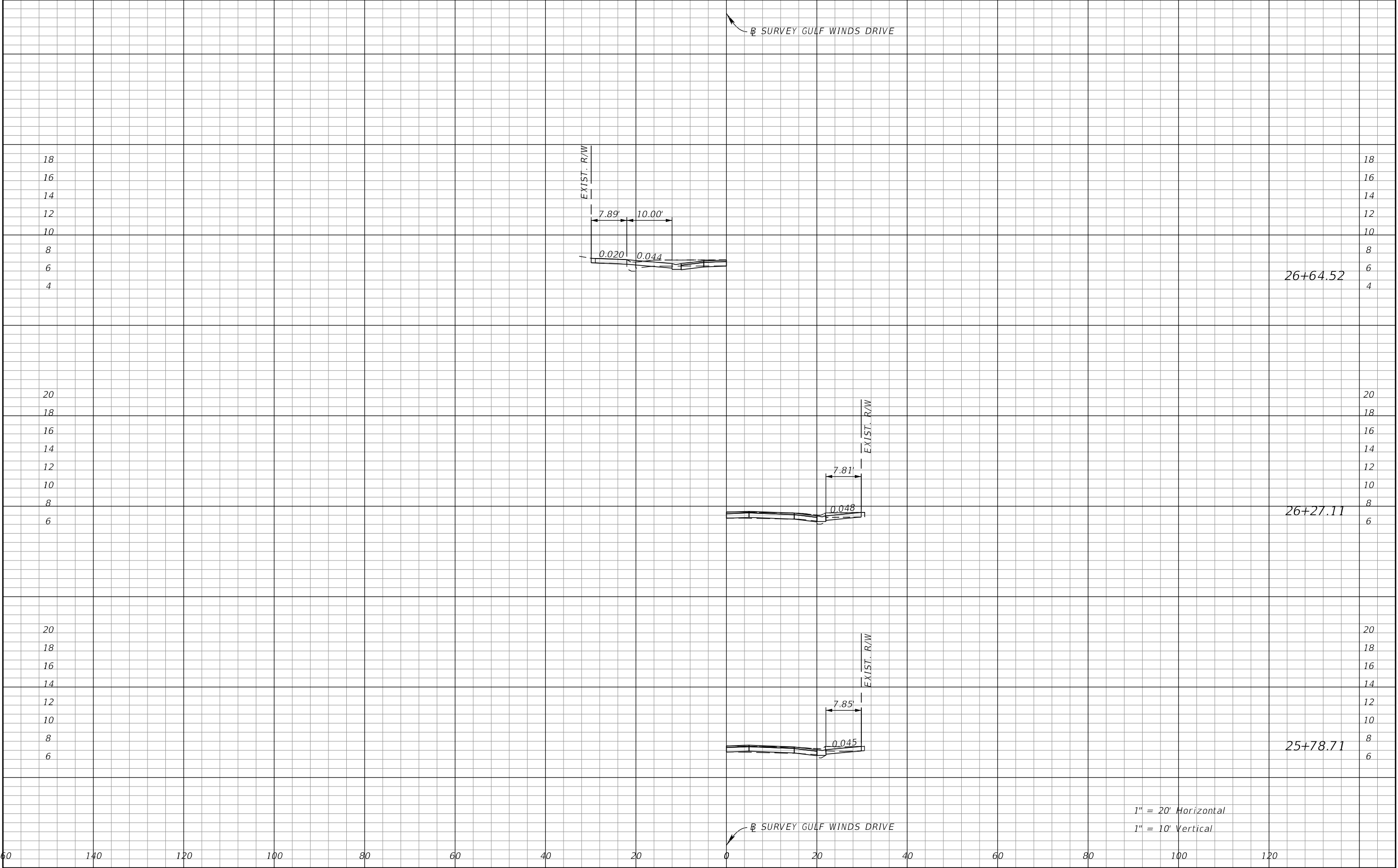
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					ST. PETE BEACH	PINELLAS		

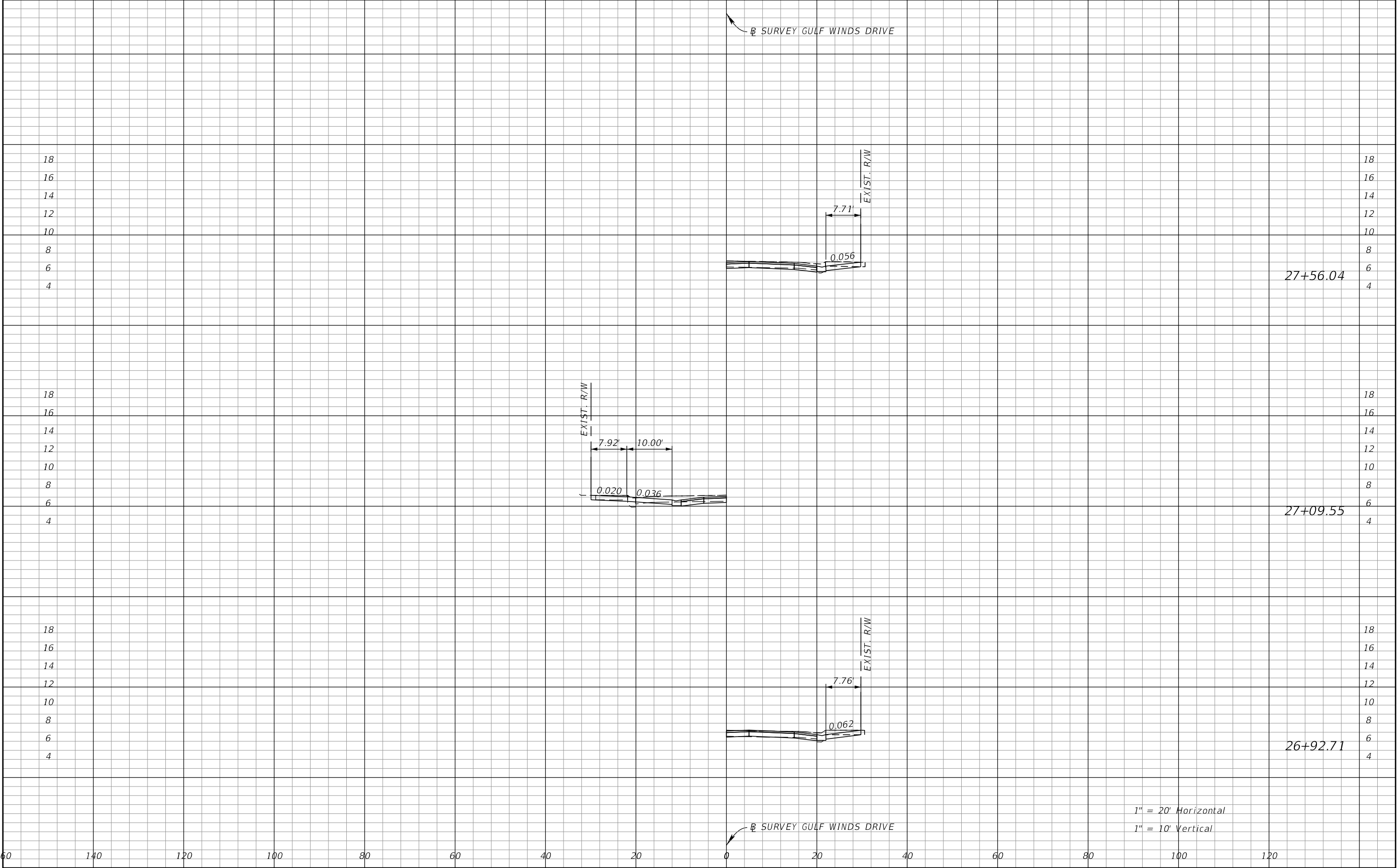
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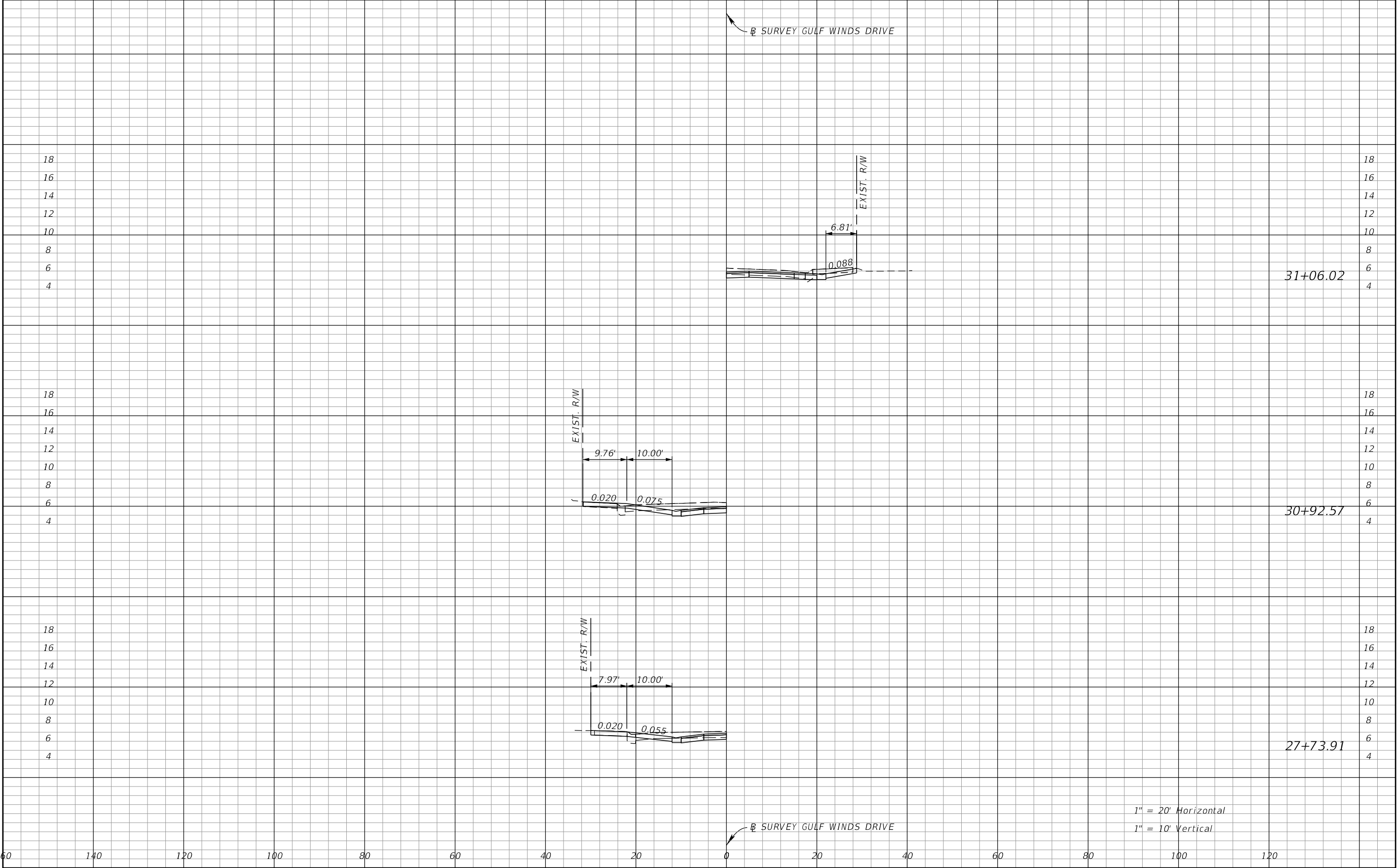
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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	BOCA CIEGA DRIVE IMPROVEMENTS PROJECT		DRIVEWAY HALF SECTIONS	SHEET NO.
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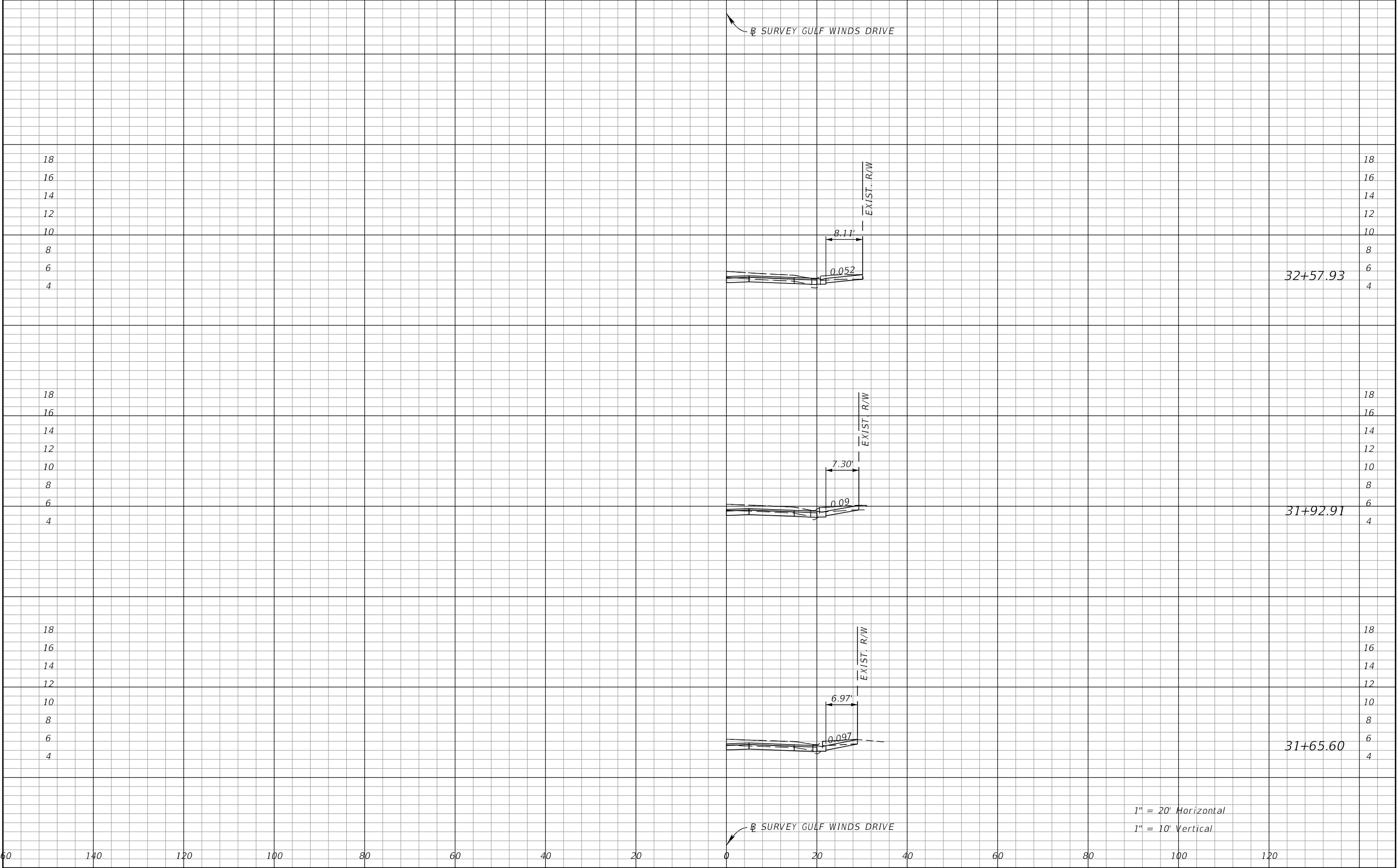
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		
								93 Page 345 of 448



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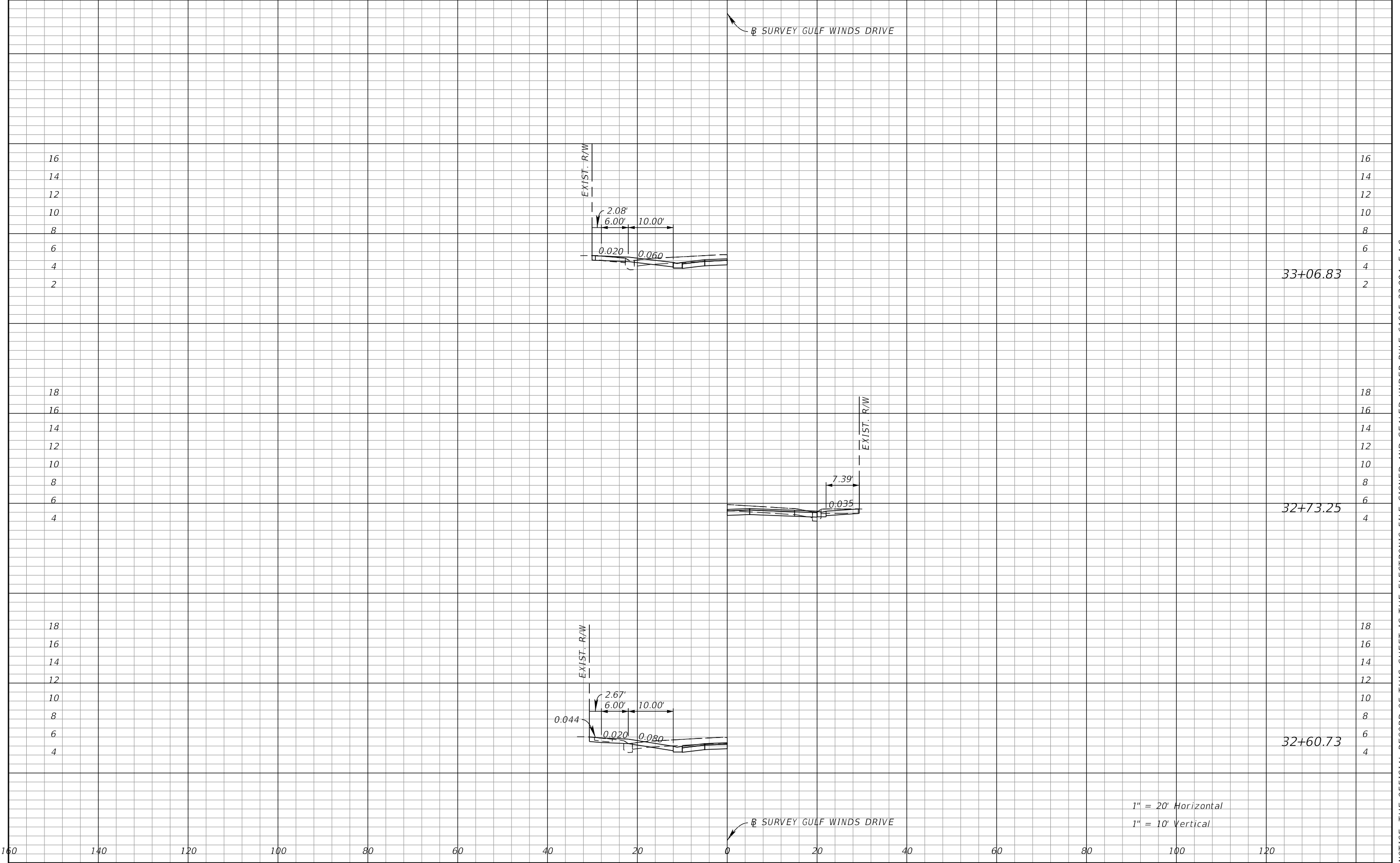
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		94
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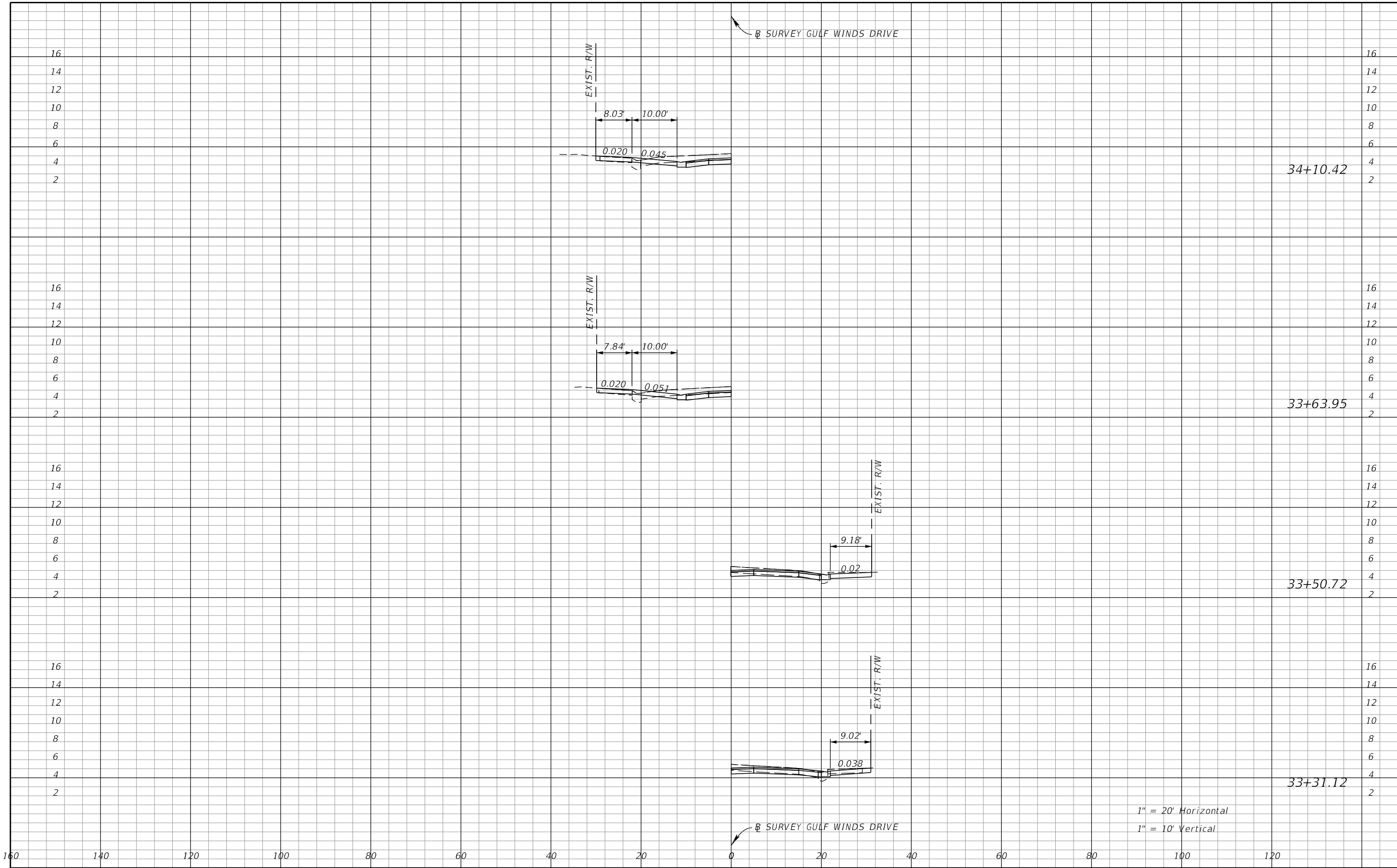
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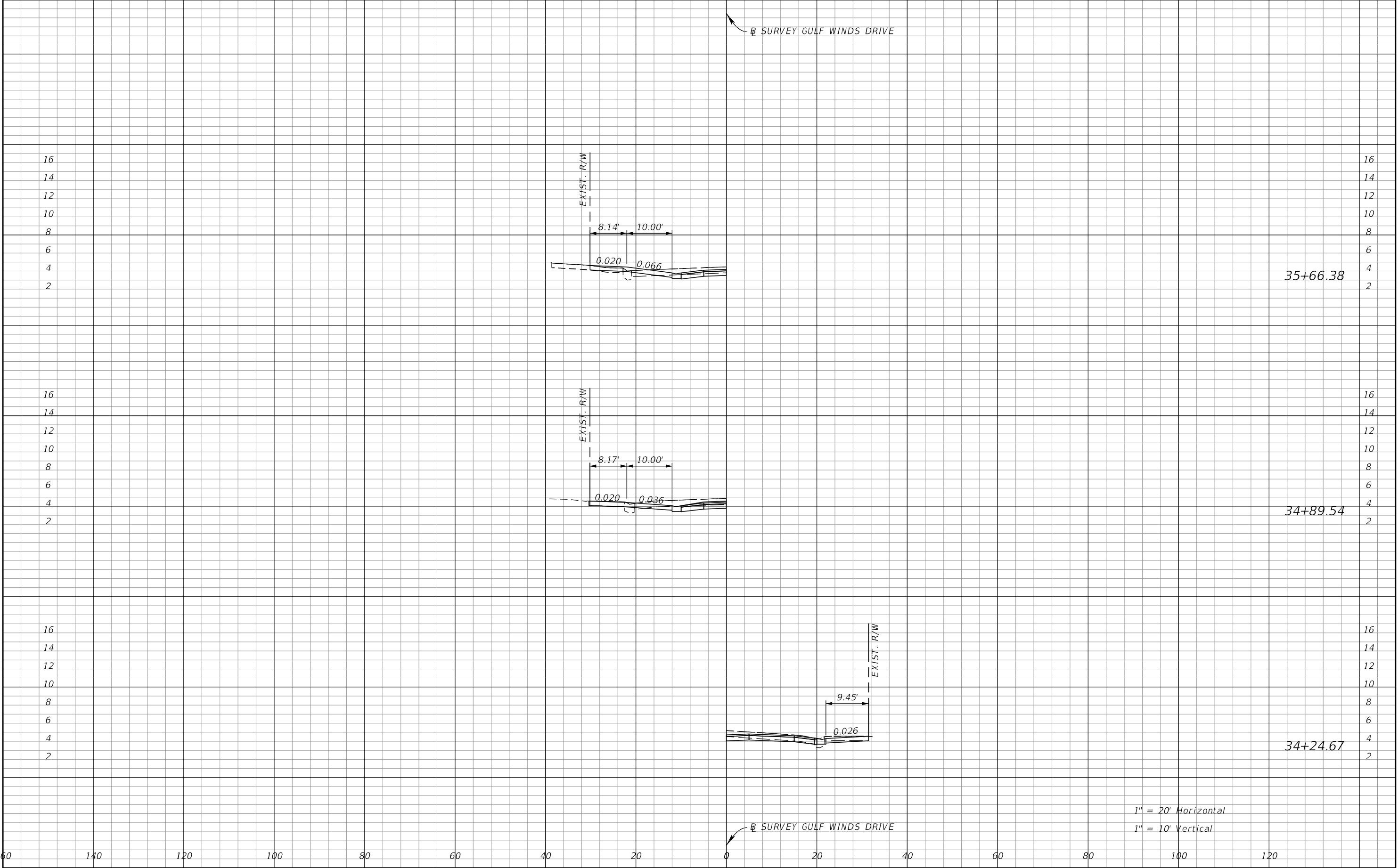
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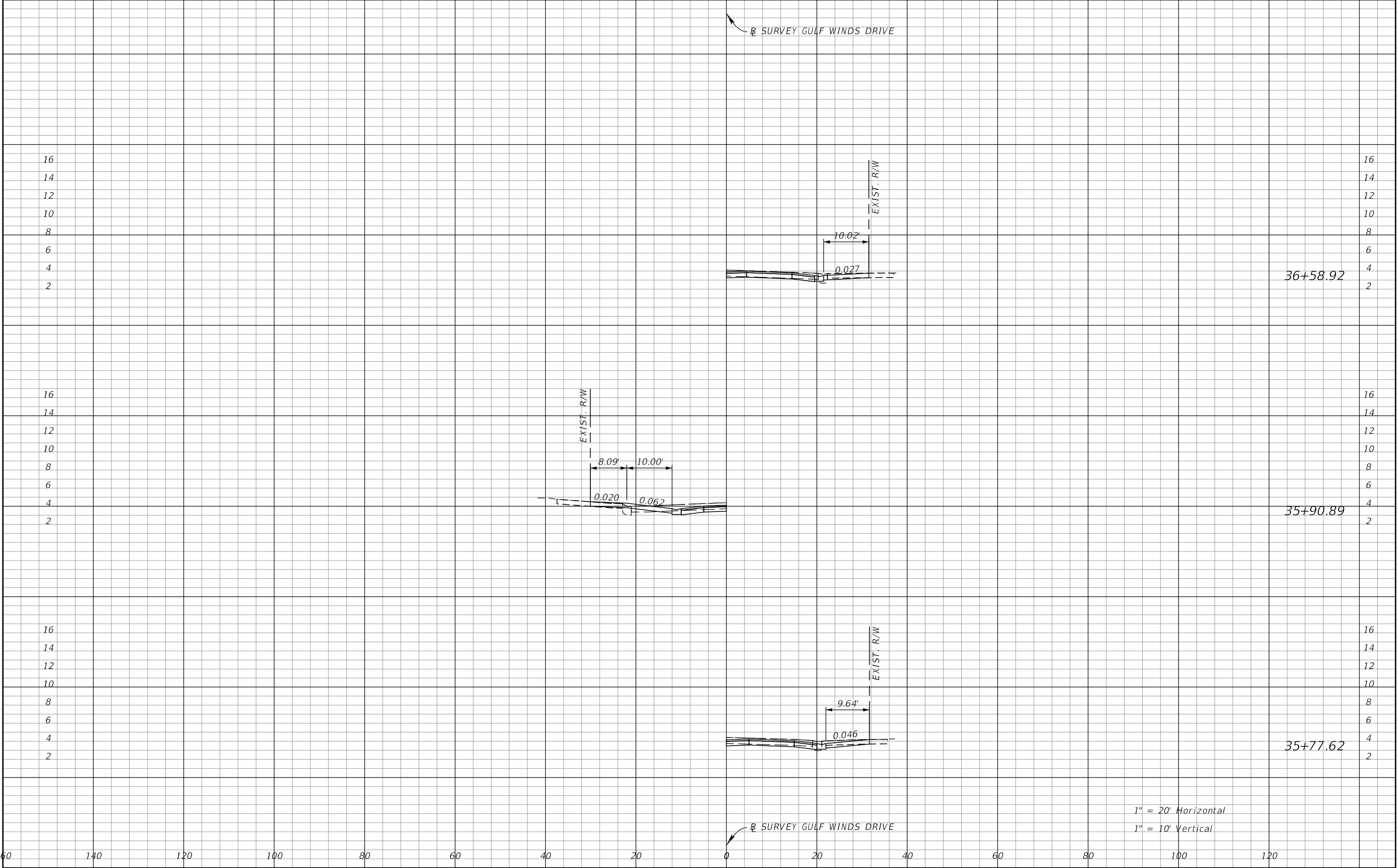
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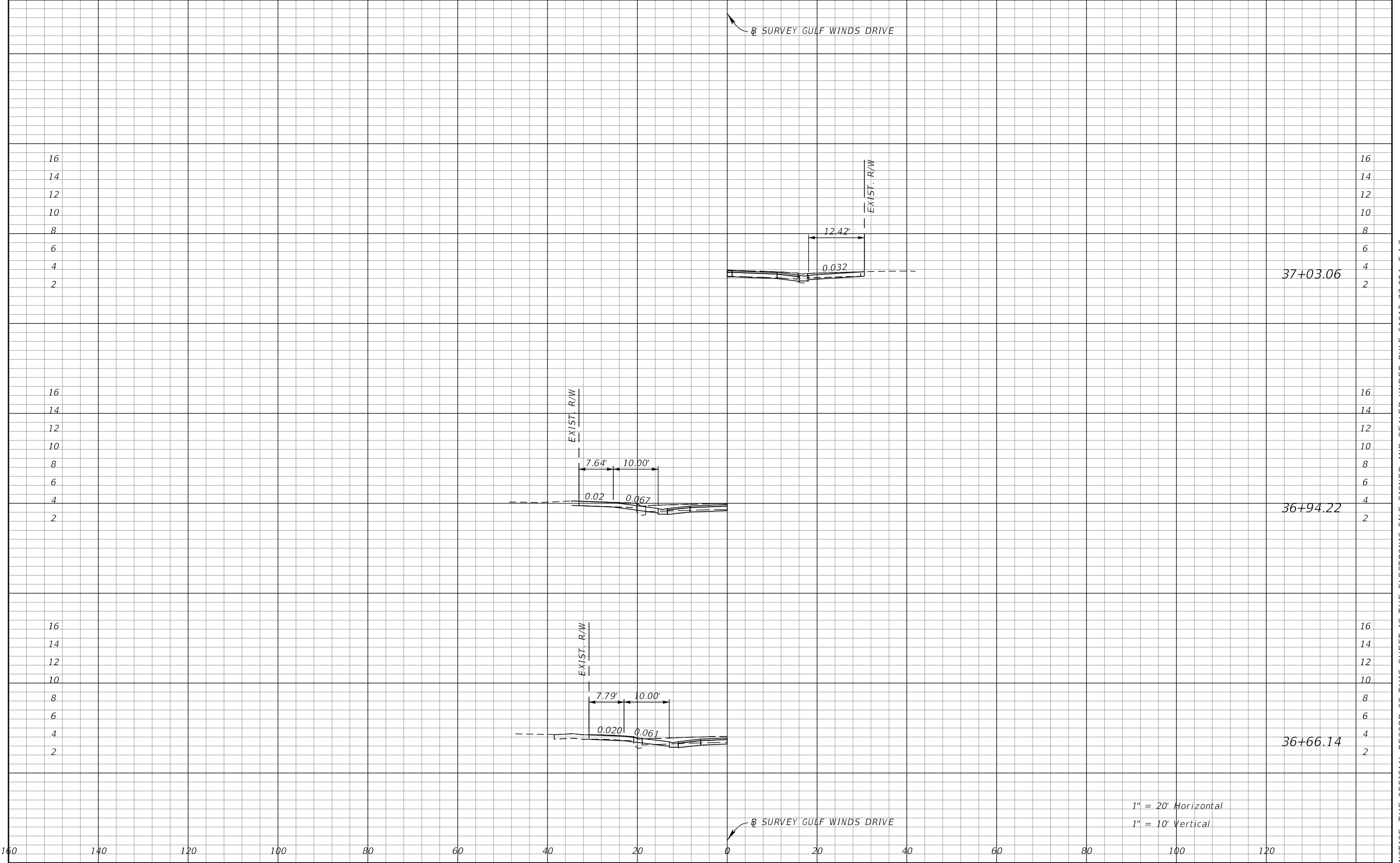
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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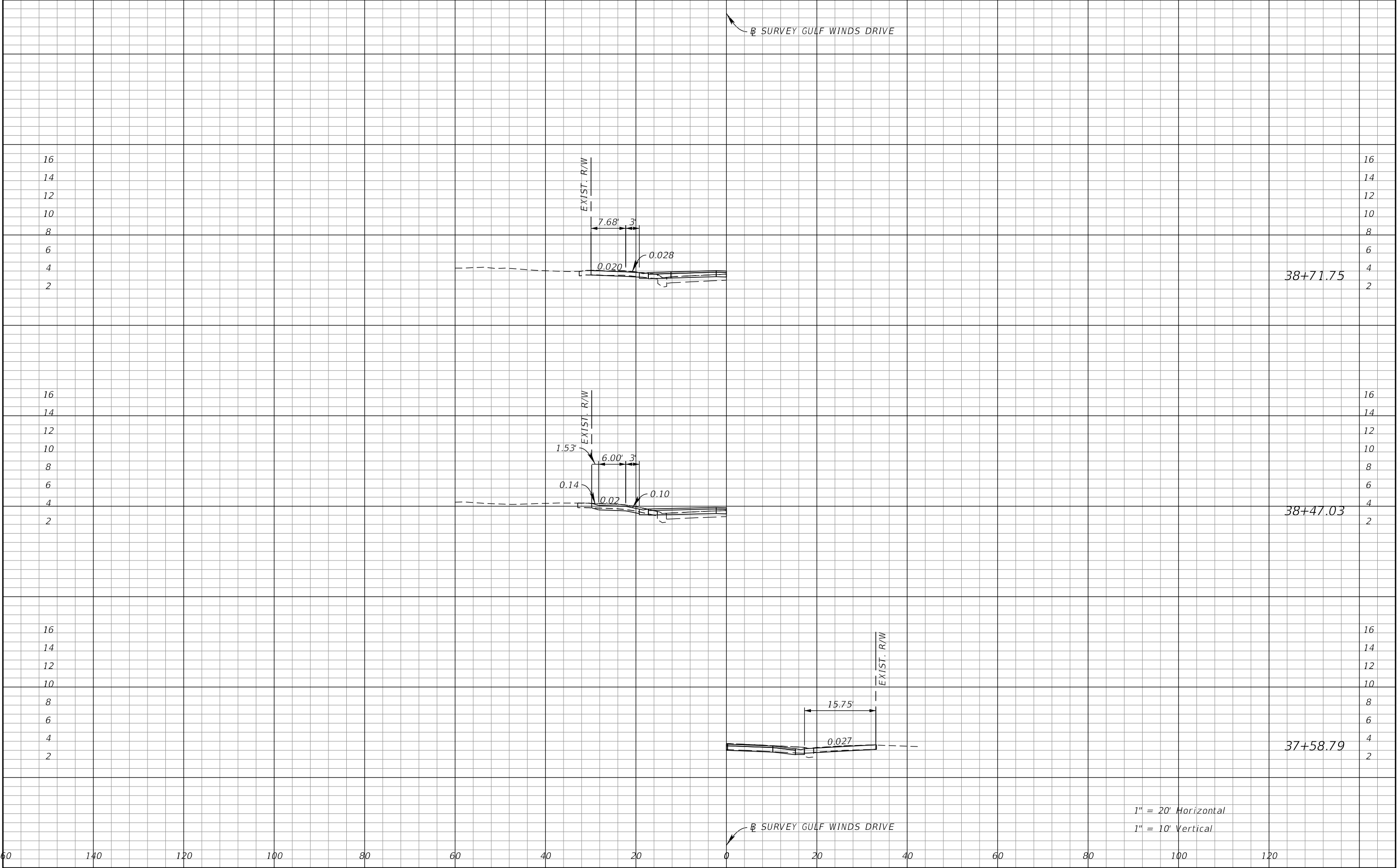
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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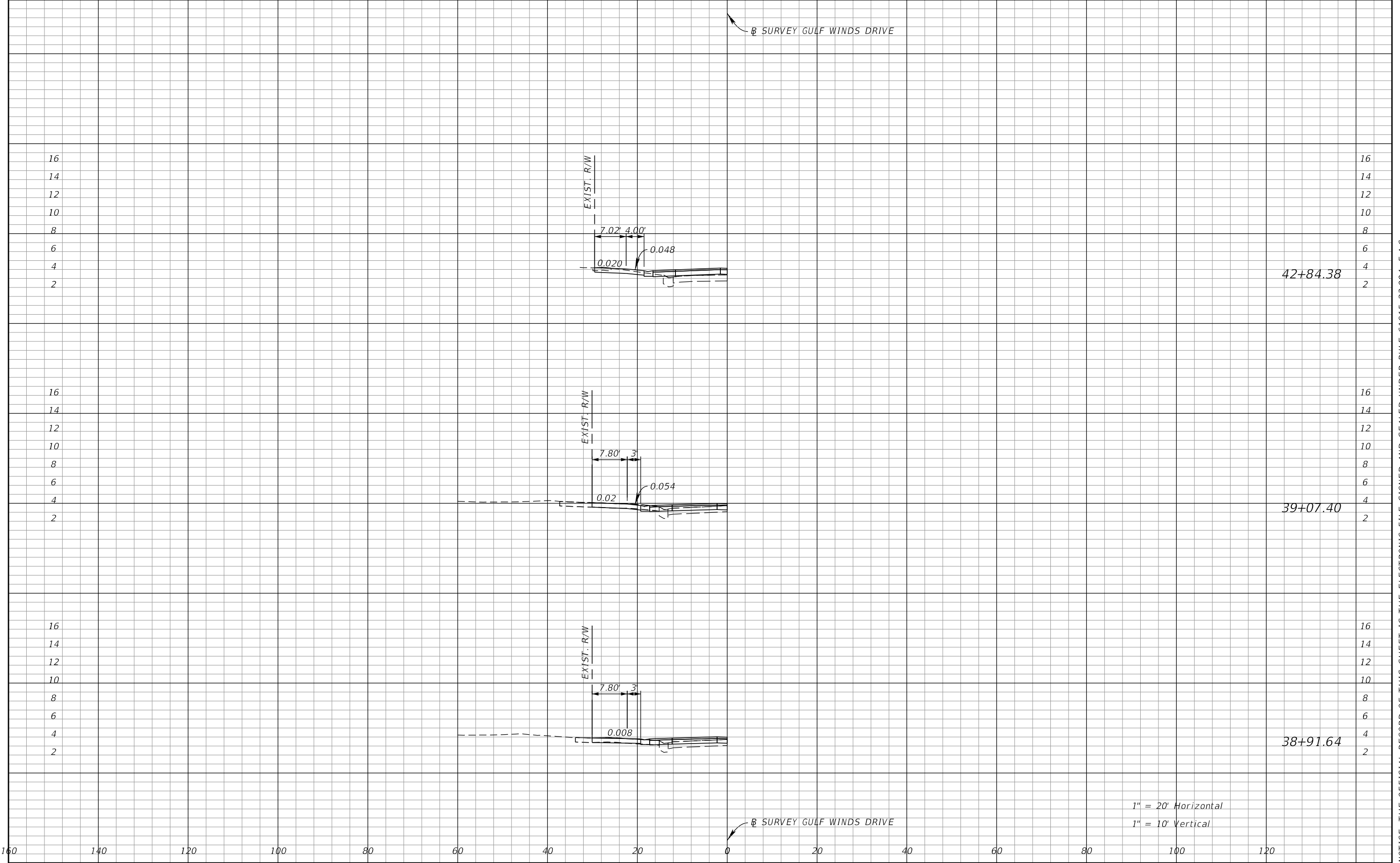
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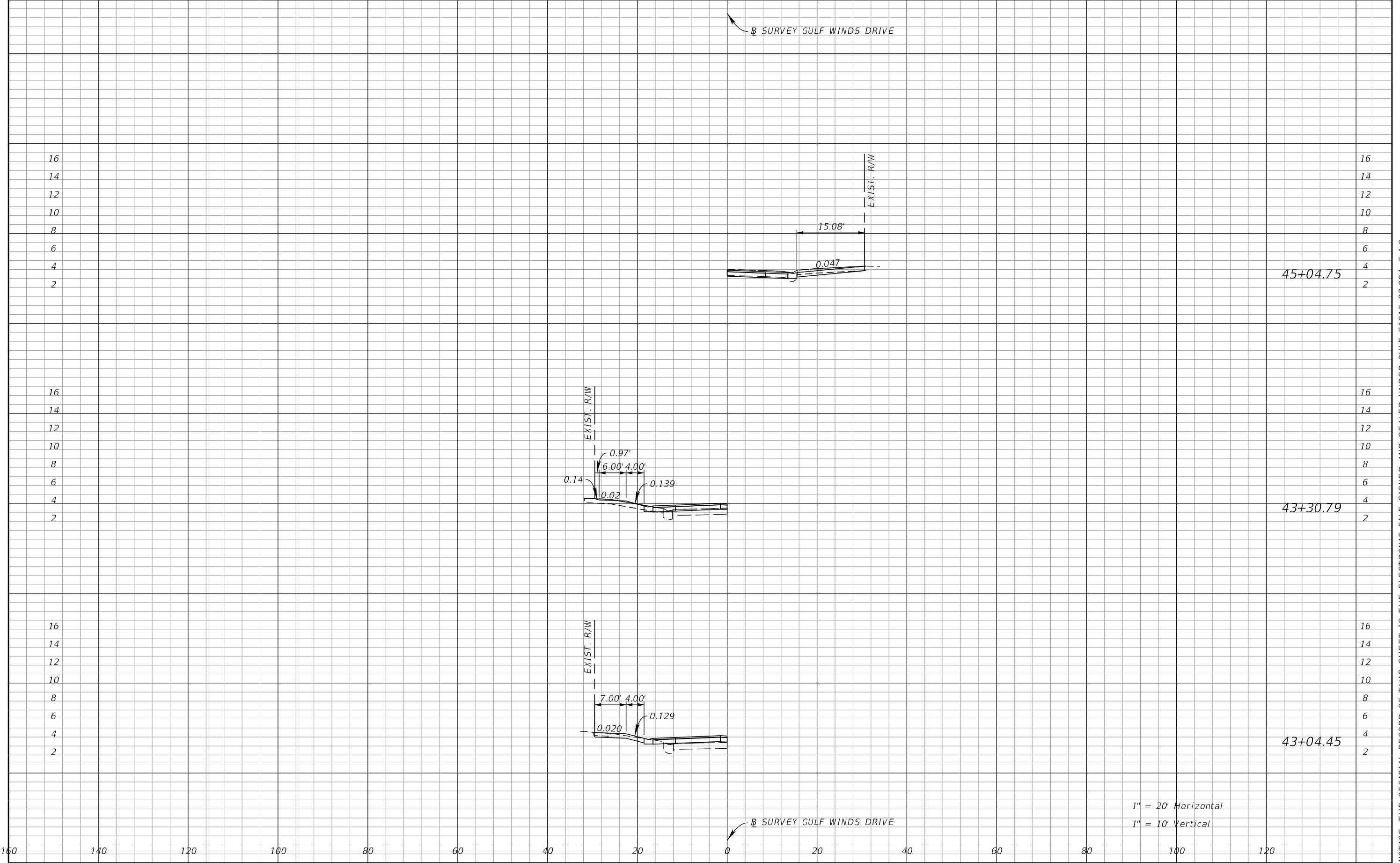
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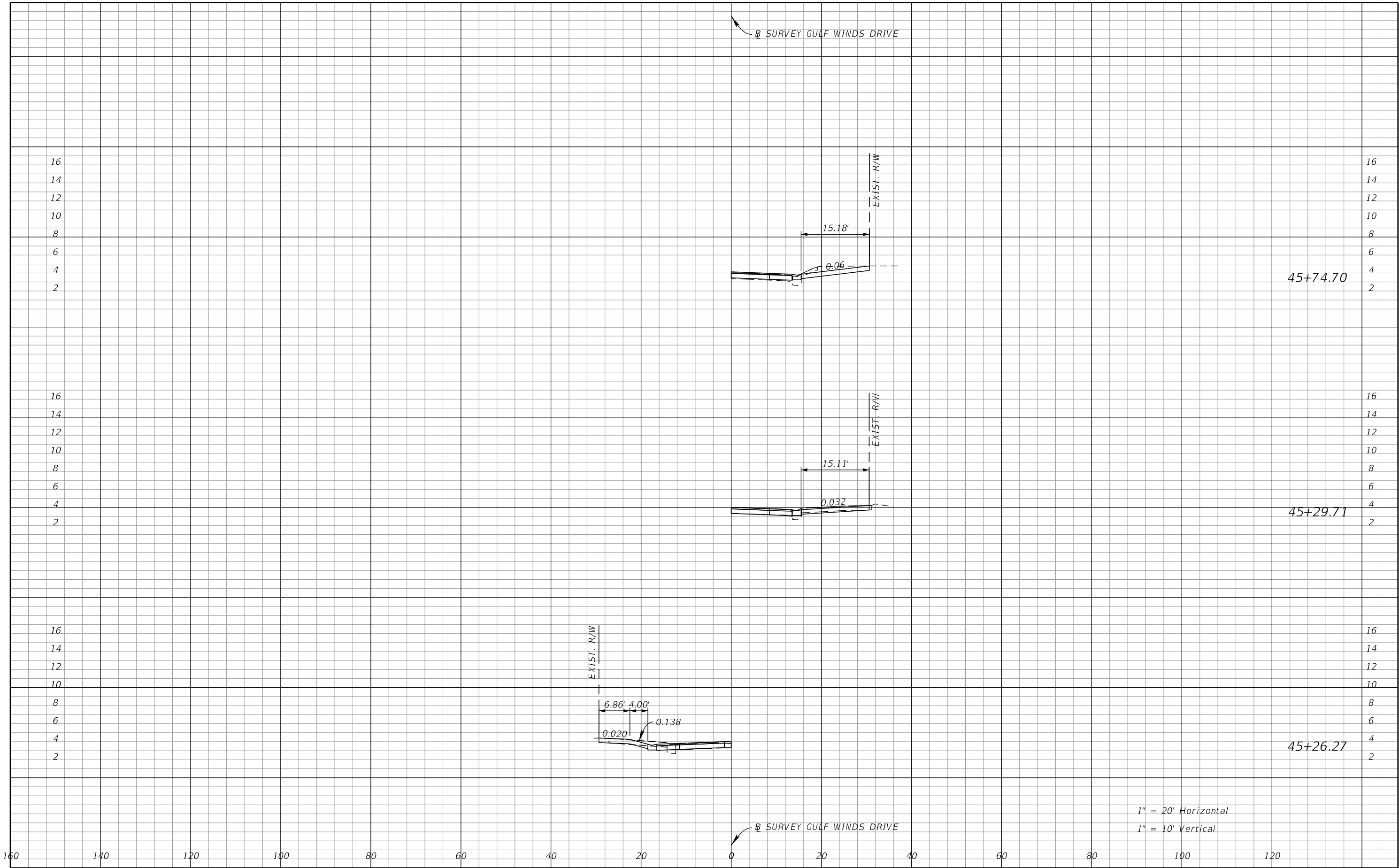
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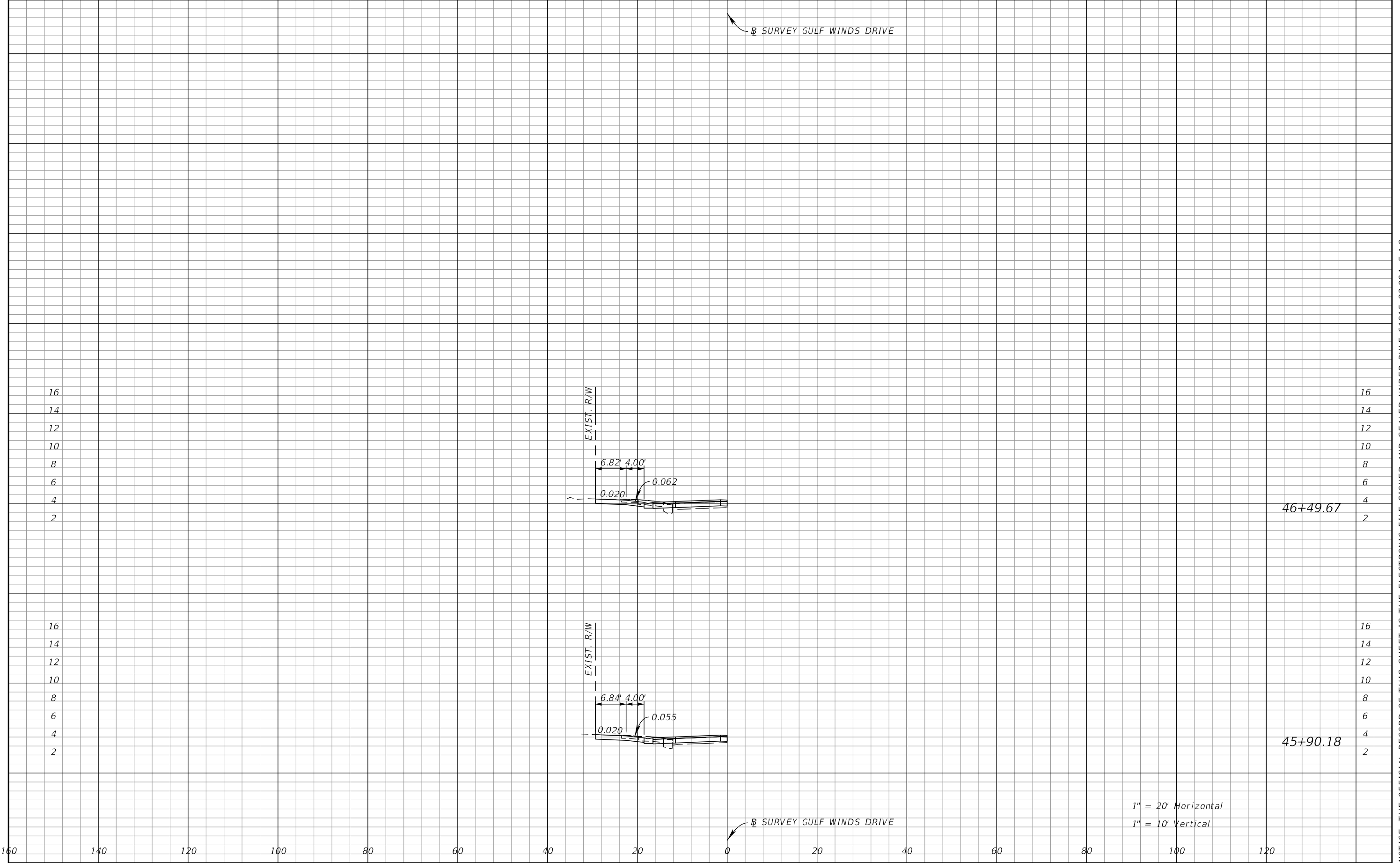
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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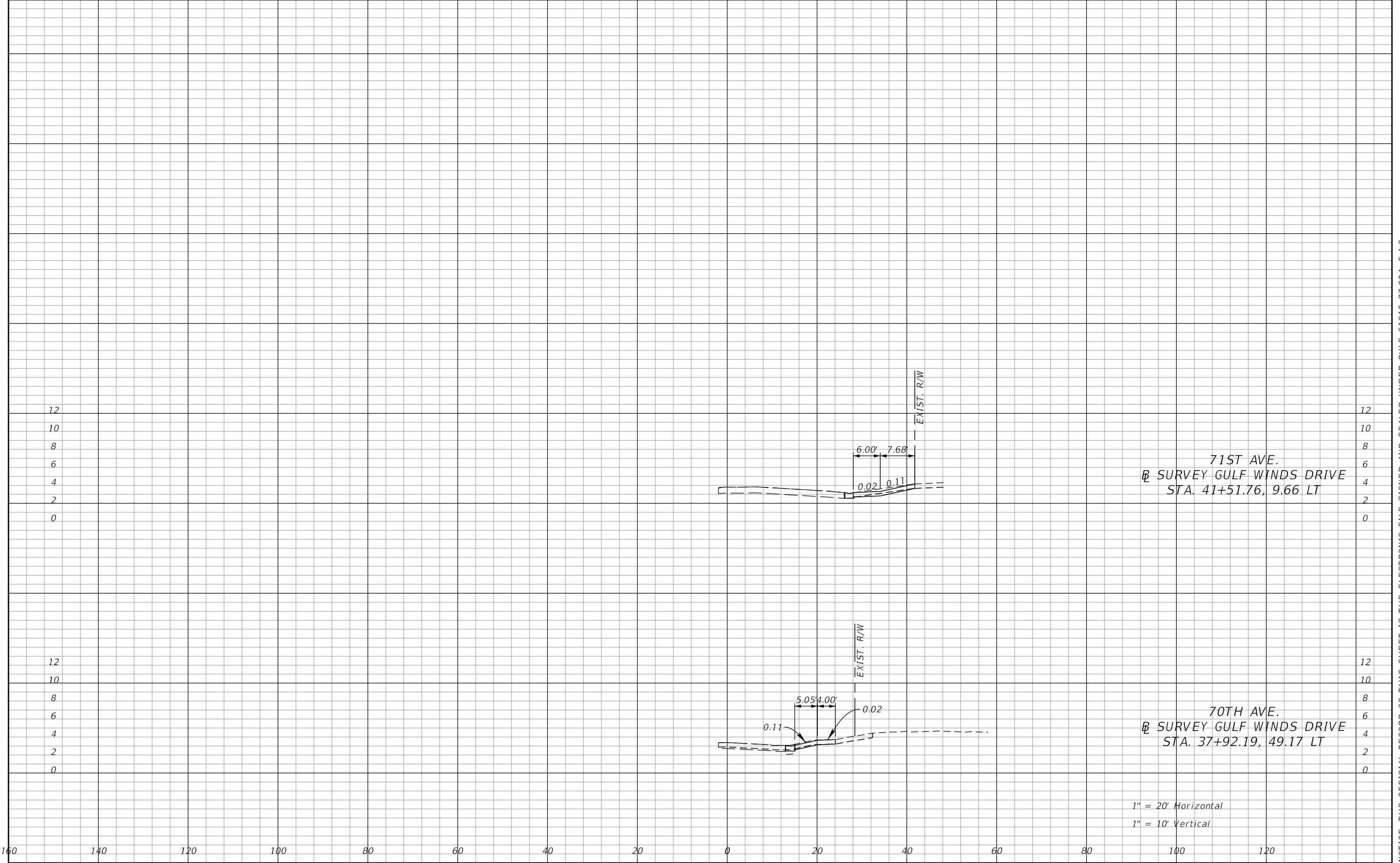
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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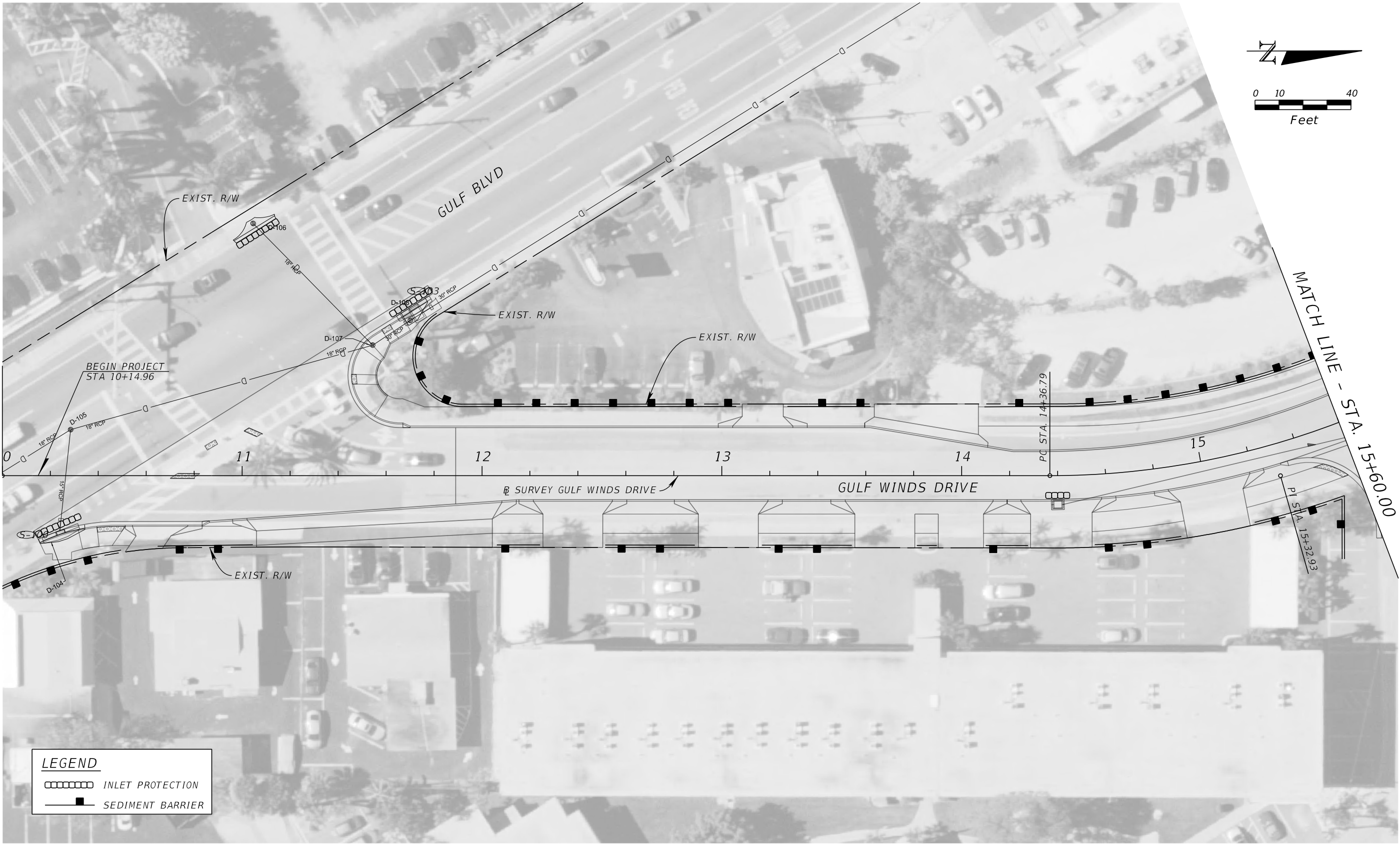
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		105 Page 357 of 4
					ST. PETE BEACH	PINELLAS		

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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE., SUITE 1000 ORLANDO, FL 32801	GULF WINDS DRIVE IMPROVEMENTS PROJECT		EROSION CONTROL PLAN (1)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		107

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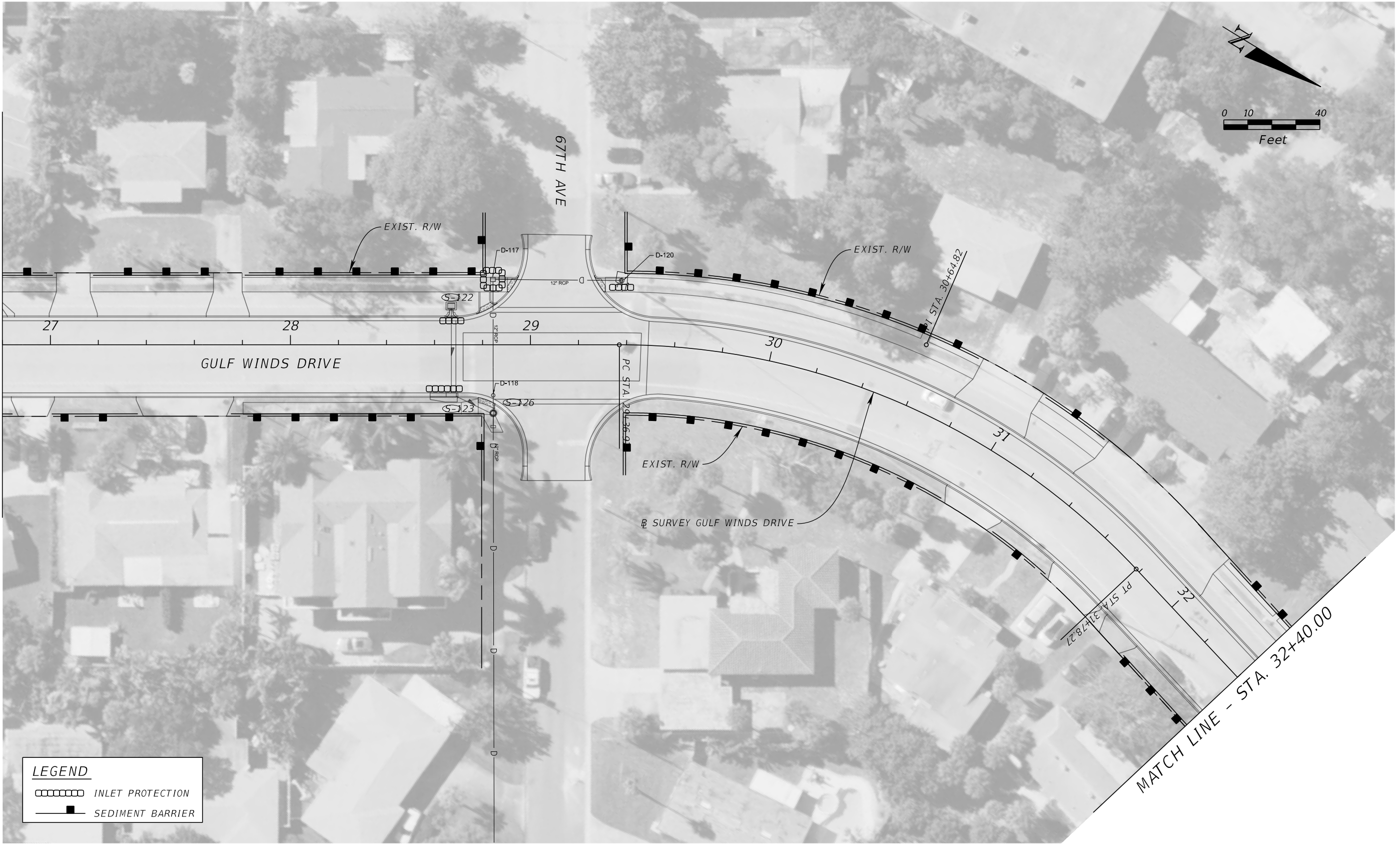


LEGEND	
	INLET PROTECTION
	SEDIMENT BARRIER

REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE., SUITE 1000 ORLANDO, FL 32801	GULF WINDS DRIVE IMPROVEMENTS PROJECT		EROSION CONTROL PLAN (2)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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MATCH LINE - STA. 26+80.00



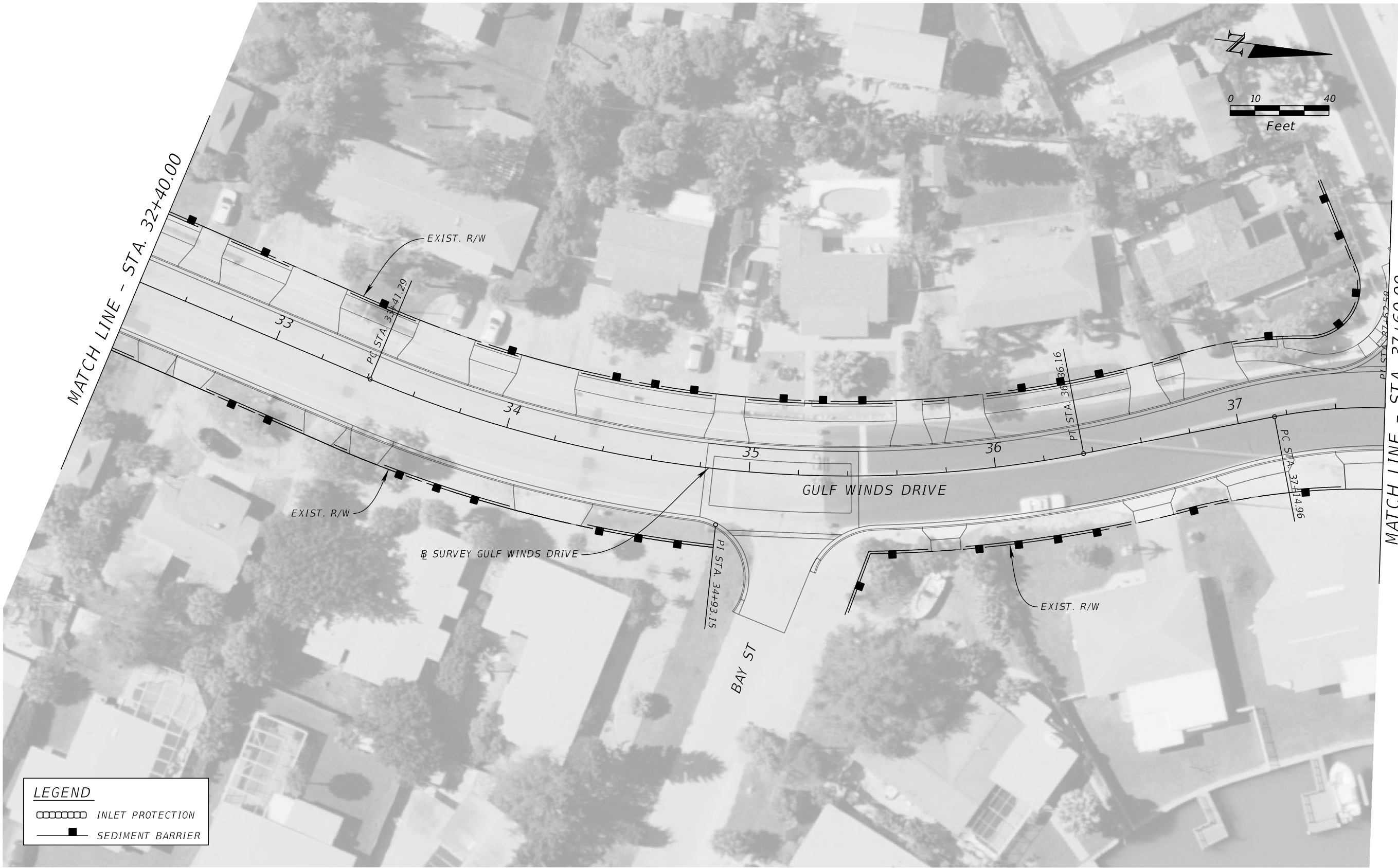
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REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE., SUITE 1000 ORLANDO, FL 32801	GULF WINDS DRIVE IMPROVEMENTS PROJECT		EROSION CONTROL PLAN (4)	SHEET NO. 119 Page 362 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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SEDIMENT BARRIER

REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE., SUITE 1000 ORLANDO, FL 32801	GULF WINDS DRIVE IMPROVEMENTS PROJECT		EROSION CONTROL PLAN (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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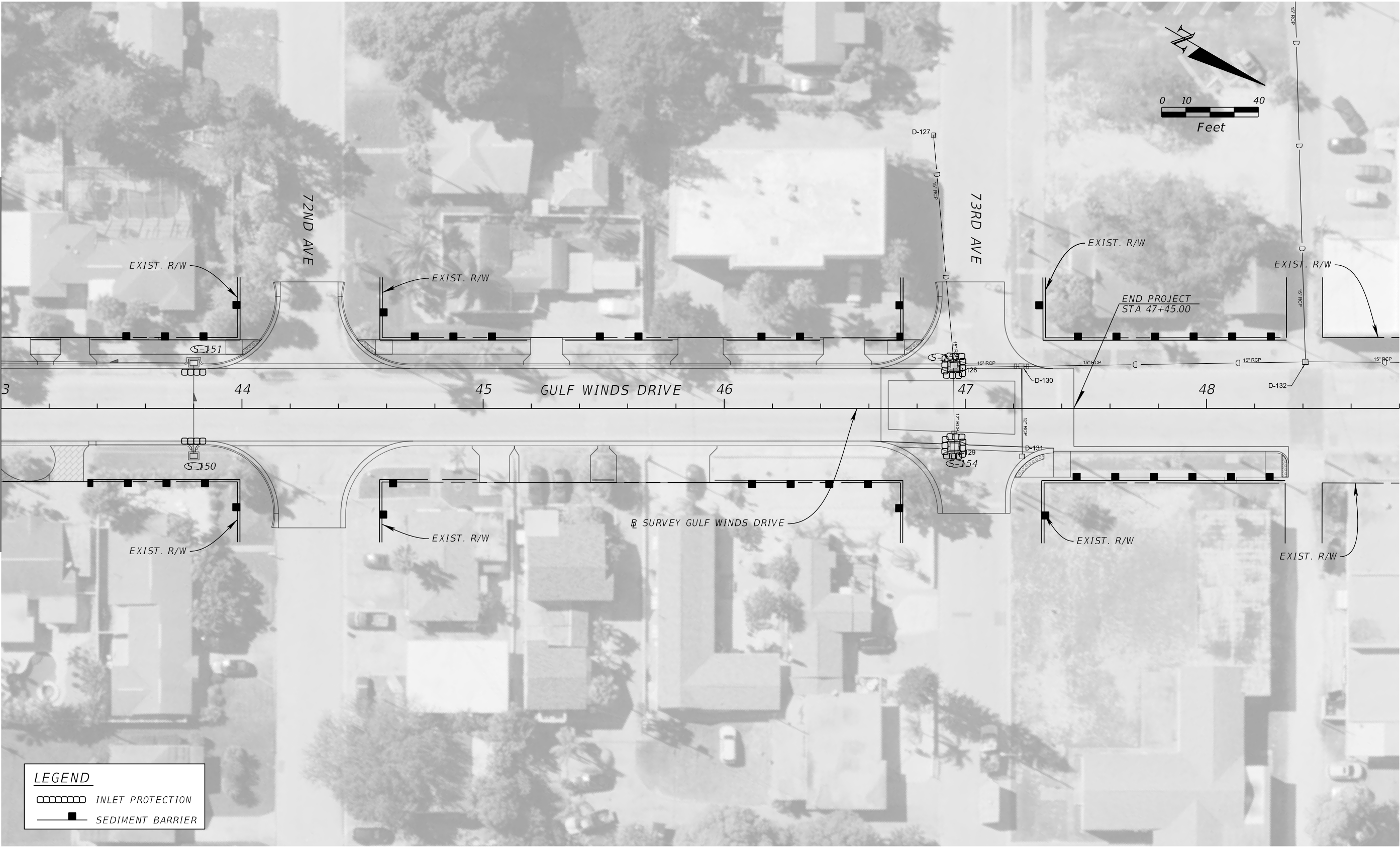
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MATCH LINE - STA. 43+00.00



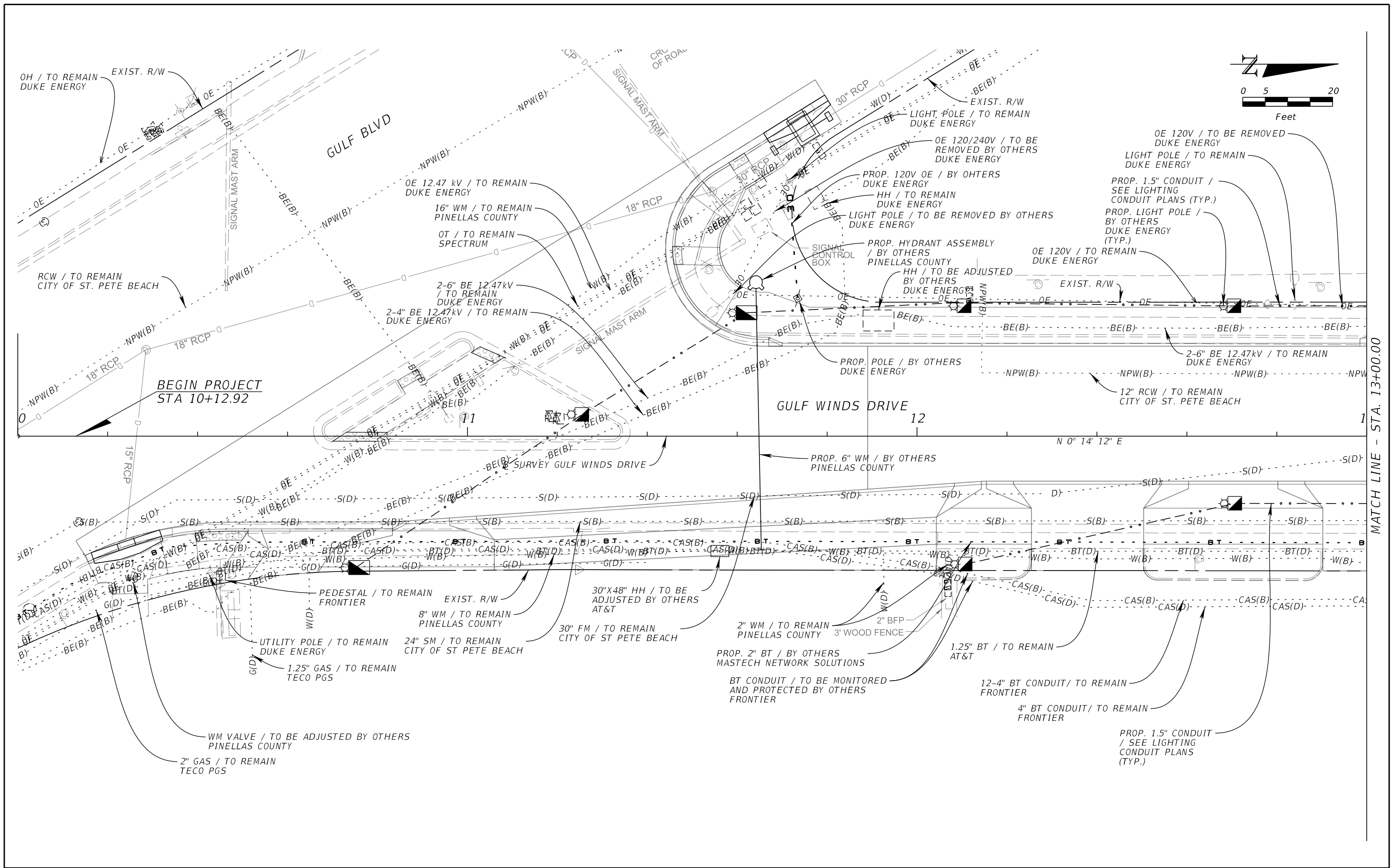
REVISIONS				VICTOR H. GALLO, P.E. P.E. LICENSE NUMBER 75592 KIMLEY-HORN AND ASSOCIATES, INC. 189 S ORANGE AVE., SUITE 1000 ORLANDO, FL 32801	GULF WINDS DRIVE IMPROVEMENTS PROJECT		EROSION CONTROL PLAN (7)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		
								113 Page 365 of 448

TEMPORARY TRAFFIC CONTROL PLAN GENERAL NOTES

1. PROVIDE FOR THE SAFE MOVEMENT OF PEDESTRIANS AND VEHICLES THROUGHOUT ALL PHASES OF CONSTRUCTION, INCLUDING DELIVERIES AND DROP-OFFS IN WORK ZONES. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES, IN ACCORDANCE WITH THE FEDERAL HIGHWAY ADMINISTRATION (FHWA) "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, INDEX 102 SERIES," AS AMENDED BY THE SPECIFICATIONS FOR THIS PROJECT.
2. PRIOR TO CONSTRUCTION, SUBMIT FOR APPROVAL TO THE CITY OF ST. PETE BEACH "TEMPORARY TRAFFIC CONTROL" PLANS. ALL CONTRACTOR PROPOSED TRAFFIC CONTROL PLANS/SCHEMES MUST BE SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER WITH ADVANCED MOT CERTIFICATION, AND SHALL BE IN ACCORDANCE WITH FDOT INDEX 102 SERIES REQUIREMENTS.
3. ACCESS TO ALL SIDE STREETS AND DRIVEWAYS SHALL BE CONTINUOUSLY MAINTAINED FOR THE DURATION OF THE PROJECT, UNLESS PREVIOUSLY APPROVED BY THE CITY OF ST. PETE BEACH.
4. DURING PERIODS OF LANE CLOSURE, THE CONTRACTOR SHALL PROVIDE A FDOT-CERTIFIED WORK SITE TRAFFIC SUPERVISOR FOR THE INSTALLATION, MAINTENANCE, AND REMOVAL OF TRAFFIC CONTROL DEVICES (E.G. BARRICADES, SIGNS, ARROW PANELS, ETC.) AS OUTLINED IN THE FDOT STANDARD SPECIFICATION AND THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
5. NOTIFY ALL LOCAL LAW ENFORCEMENT, EMERGENCY/RESCUE AGENCIES LOCATED IN THE PROJECT VICINITY 24 HOURS IN ADVANCE OF PERFORMING ANY LANE CLOSURES OR DETOURS.
6. WHEN CONSTRUCTION EQUIPMENT IS BEING DRIVEN OR TRANSPORTED ON THE OPEN TRAVEL LANES, UTILIZE FDOT INDEX 102-607 AS APPROPRIATE.
7. TRAFFIC CONDITIONS, ACCIDENTS, AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURE OR CHANNELIZATION. UNDER THESE CONDITIONS, RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY. ALSO RESPOND WITH THE CONSTRAINTS OUTLINED IN THE STANDARD SPECIFICATIONS UPON NOTIFICATION BY THE ENGINEER TO ANY REQUESTS FOR CORRECTION, IMPROVEMENT, OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/OR DEVICES.

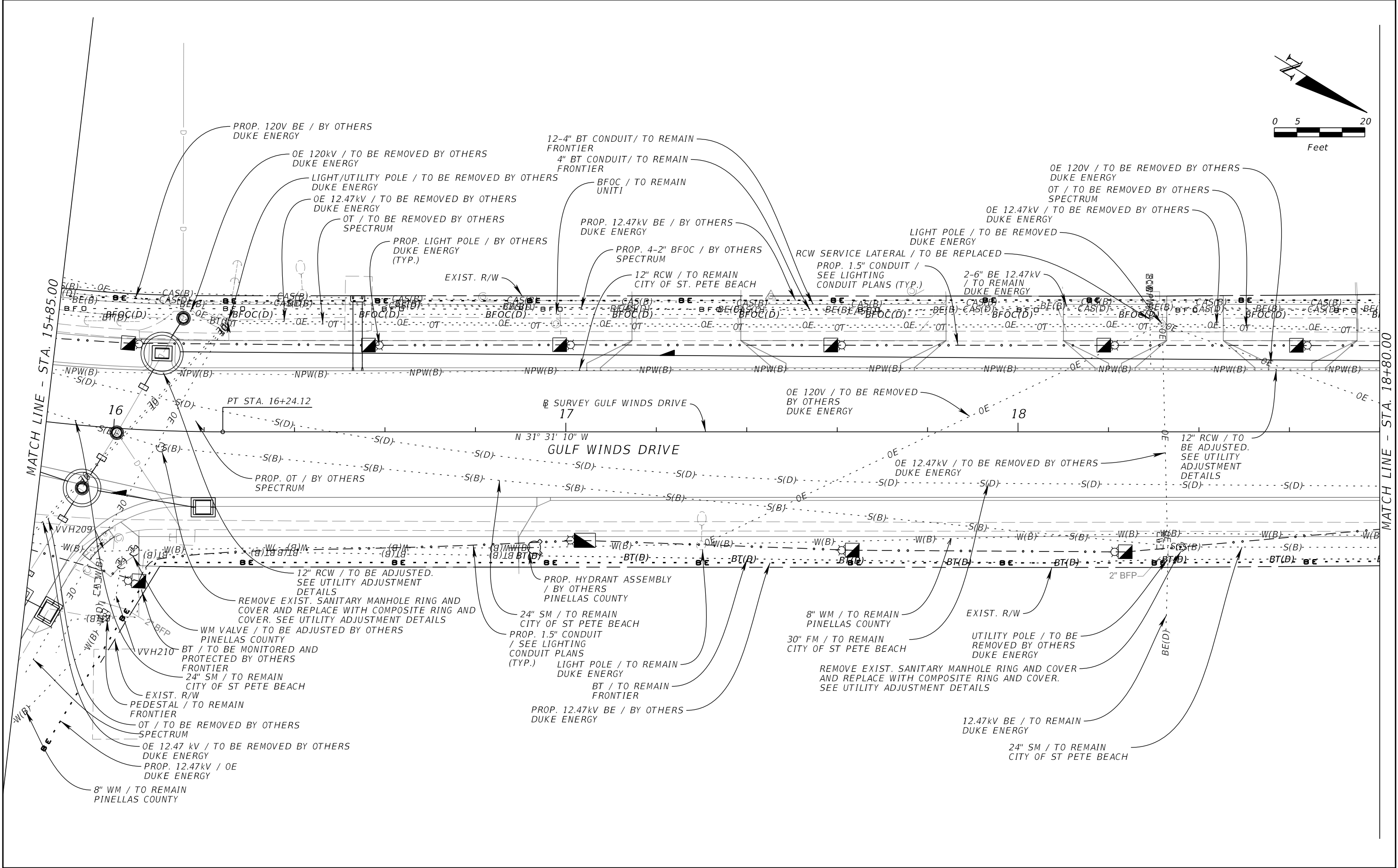
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		114 Page 366 of 448
					ST. PETE BEACH	PINELLAS		

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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT PLAN (1)	SHEET NO. 115 Page 367 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT PLAN (3)	SHEET NO. 117 Page 369 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

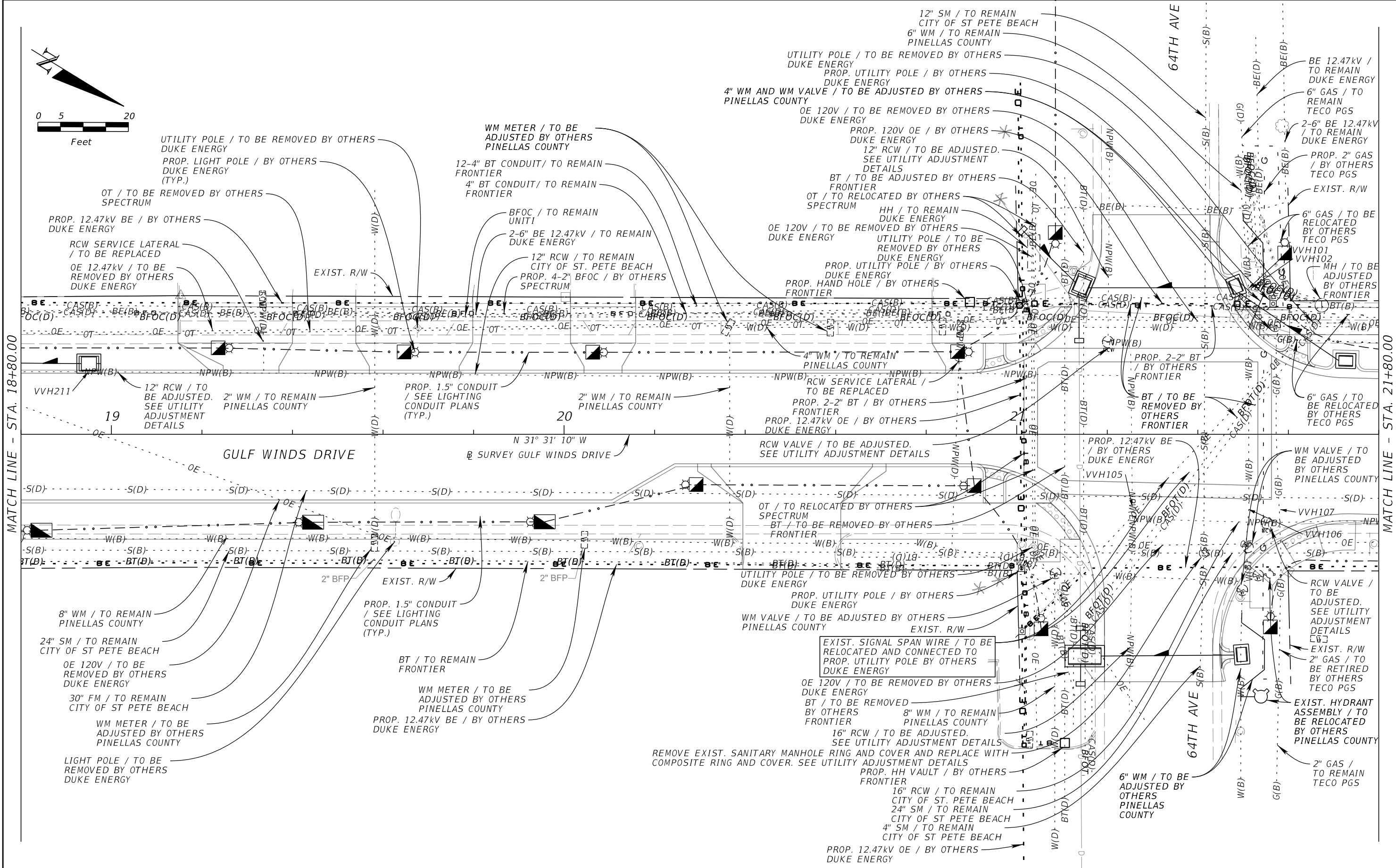
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

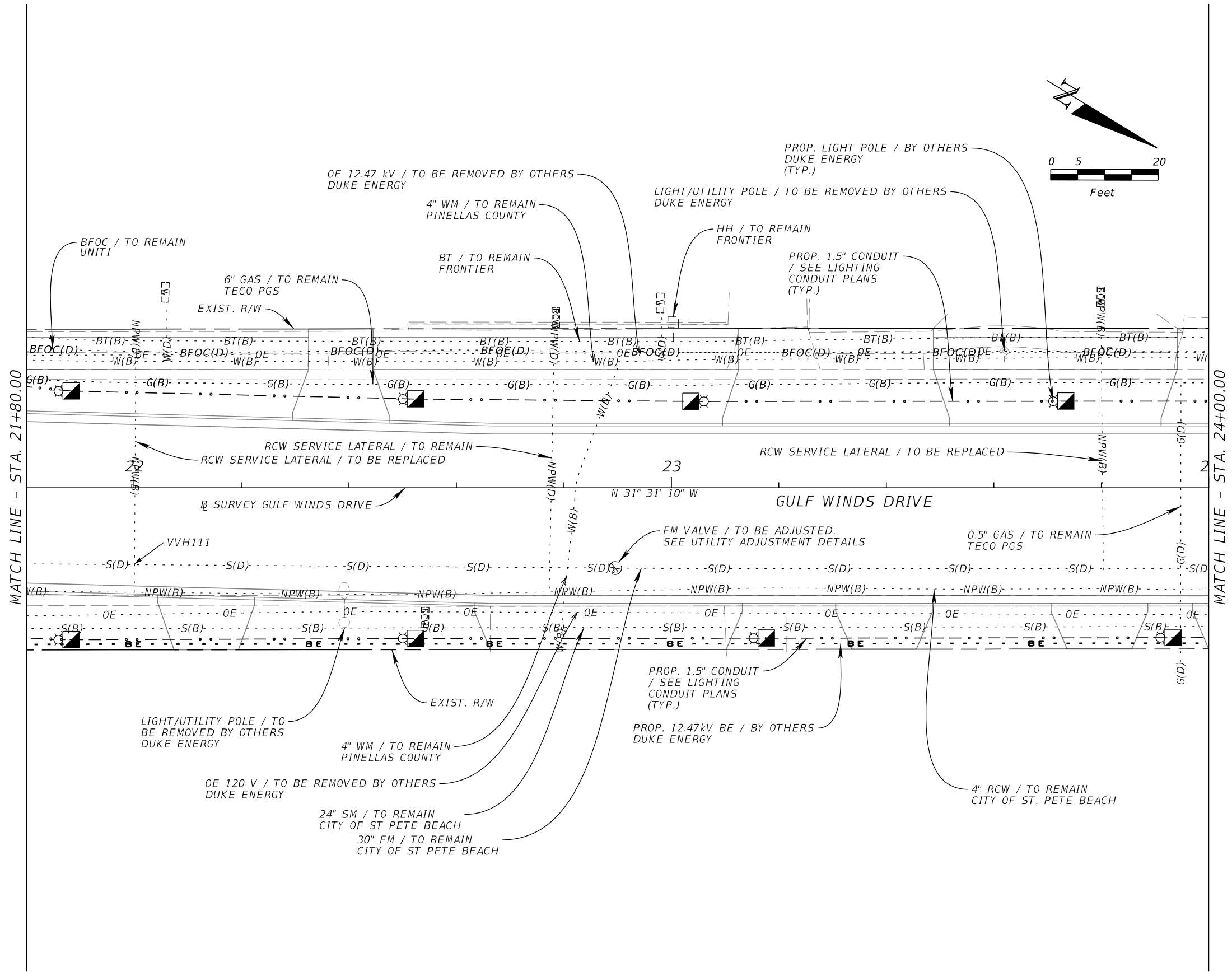
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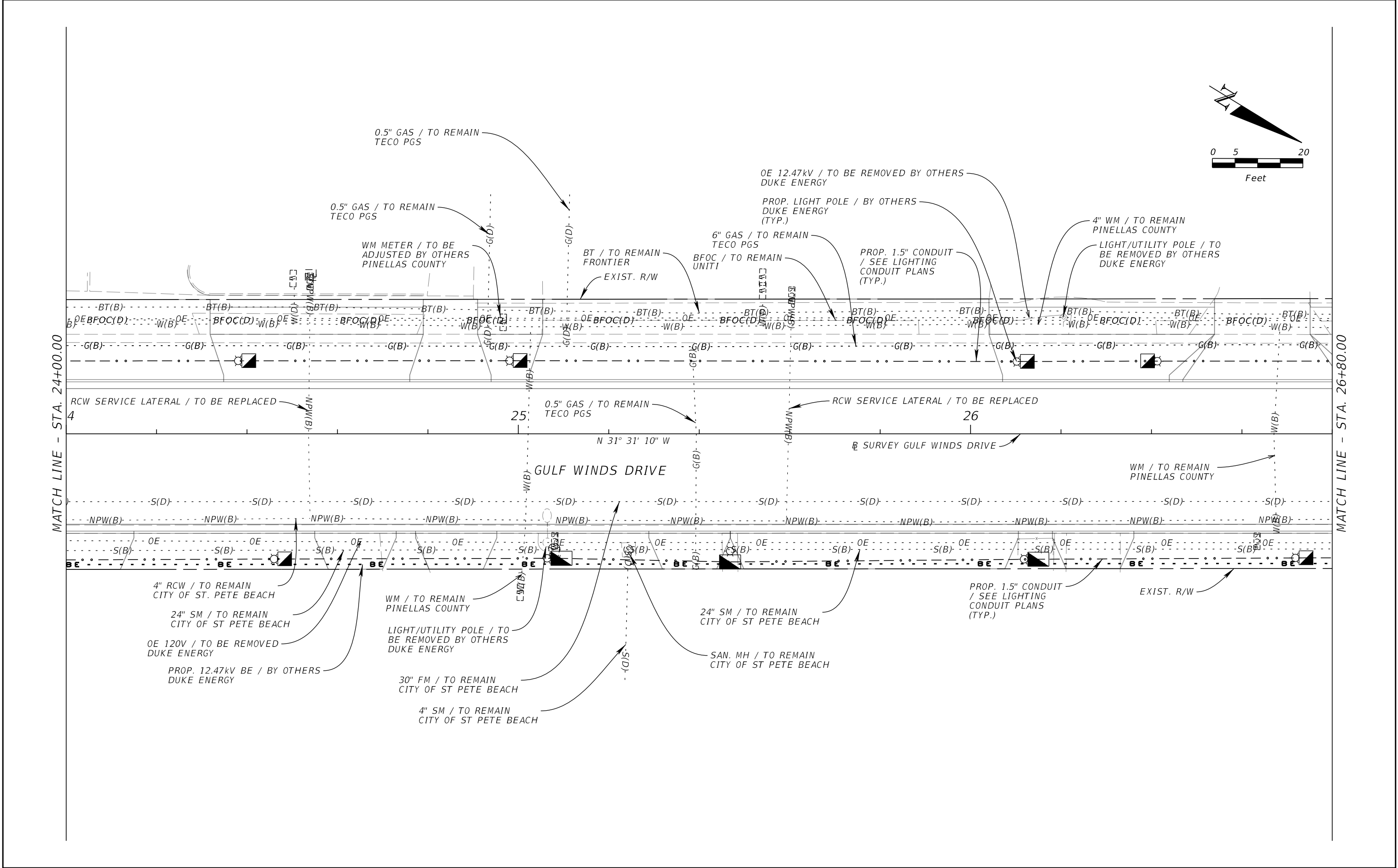
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT PLAN (4)	SHEET NO. 118 Page 370 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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

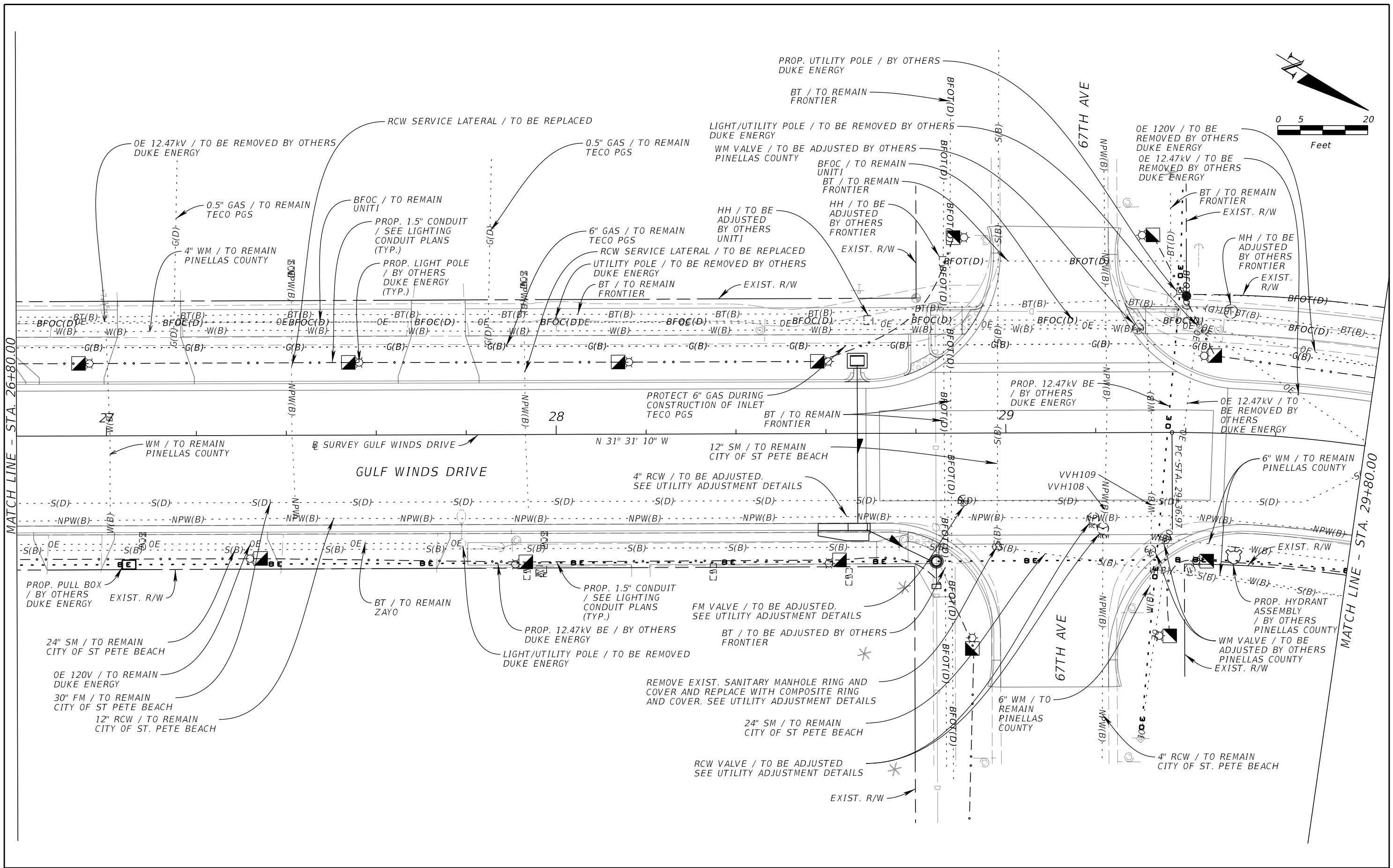




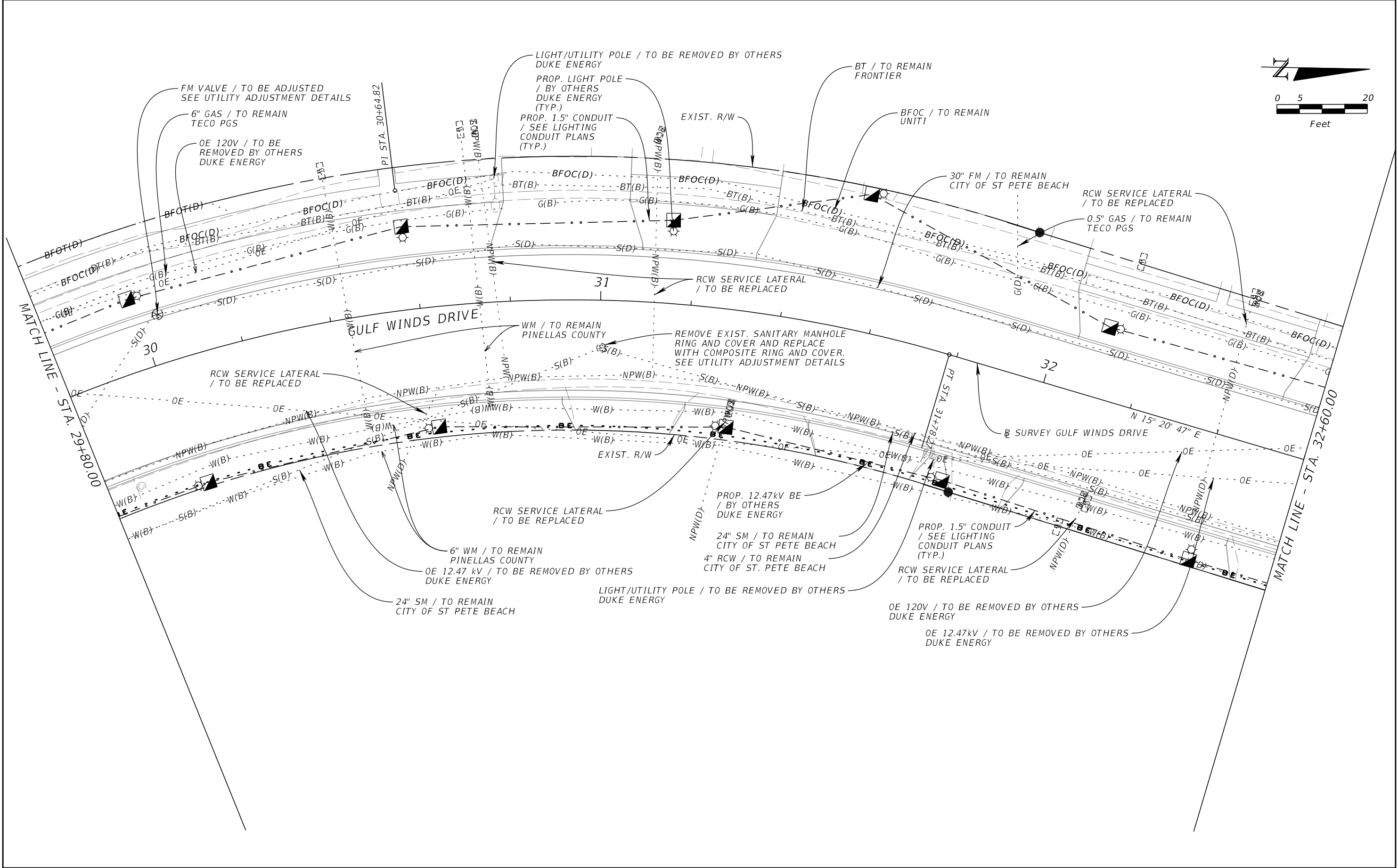
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT PLAN (5)	SHEET NO. 119 Page 371 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



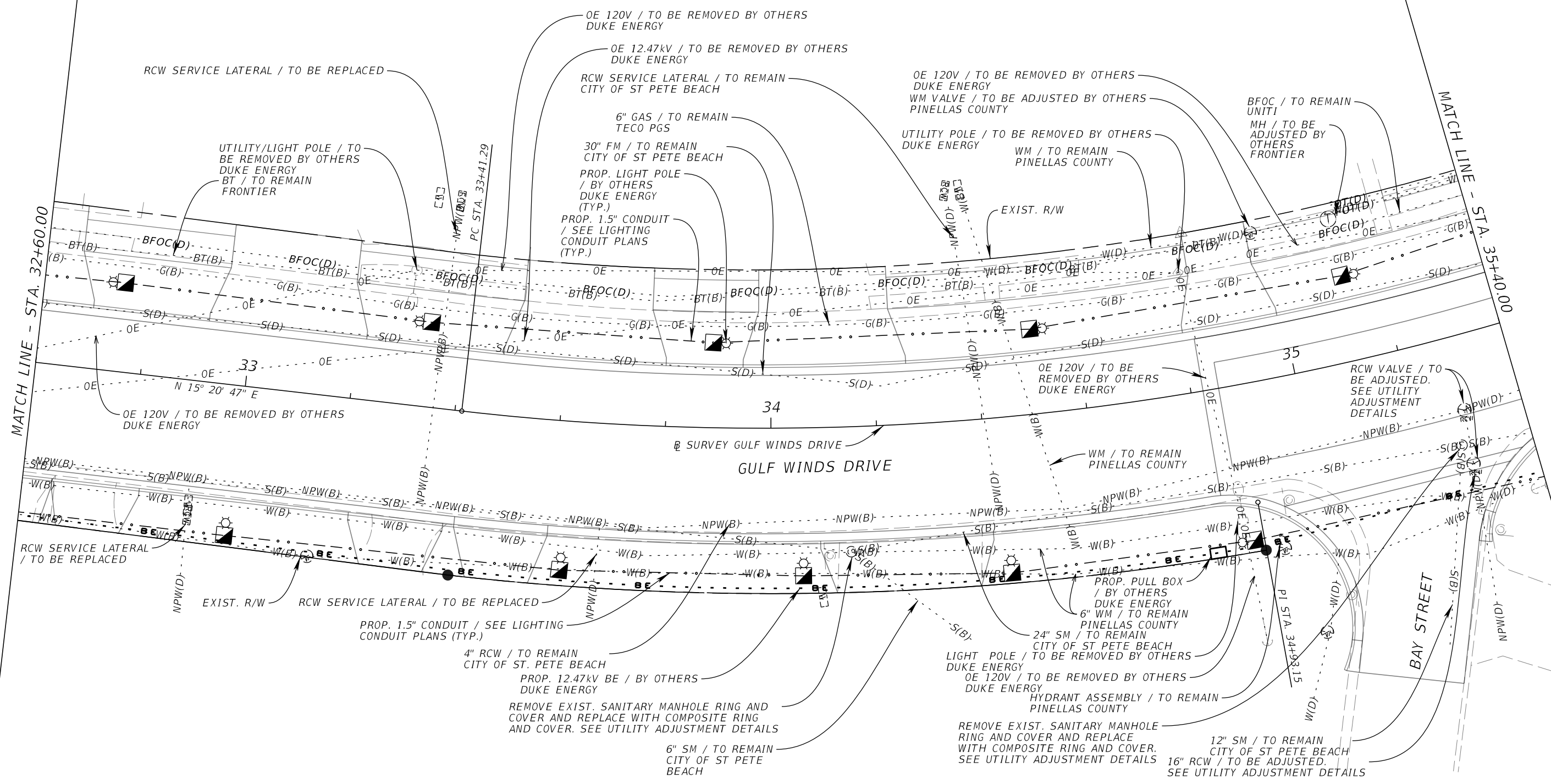
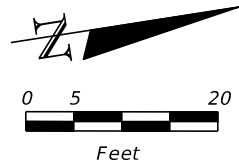
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT PLAN (6)	SHEET NO. 129 Page 372 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



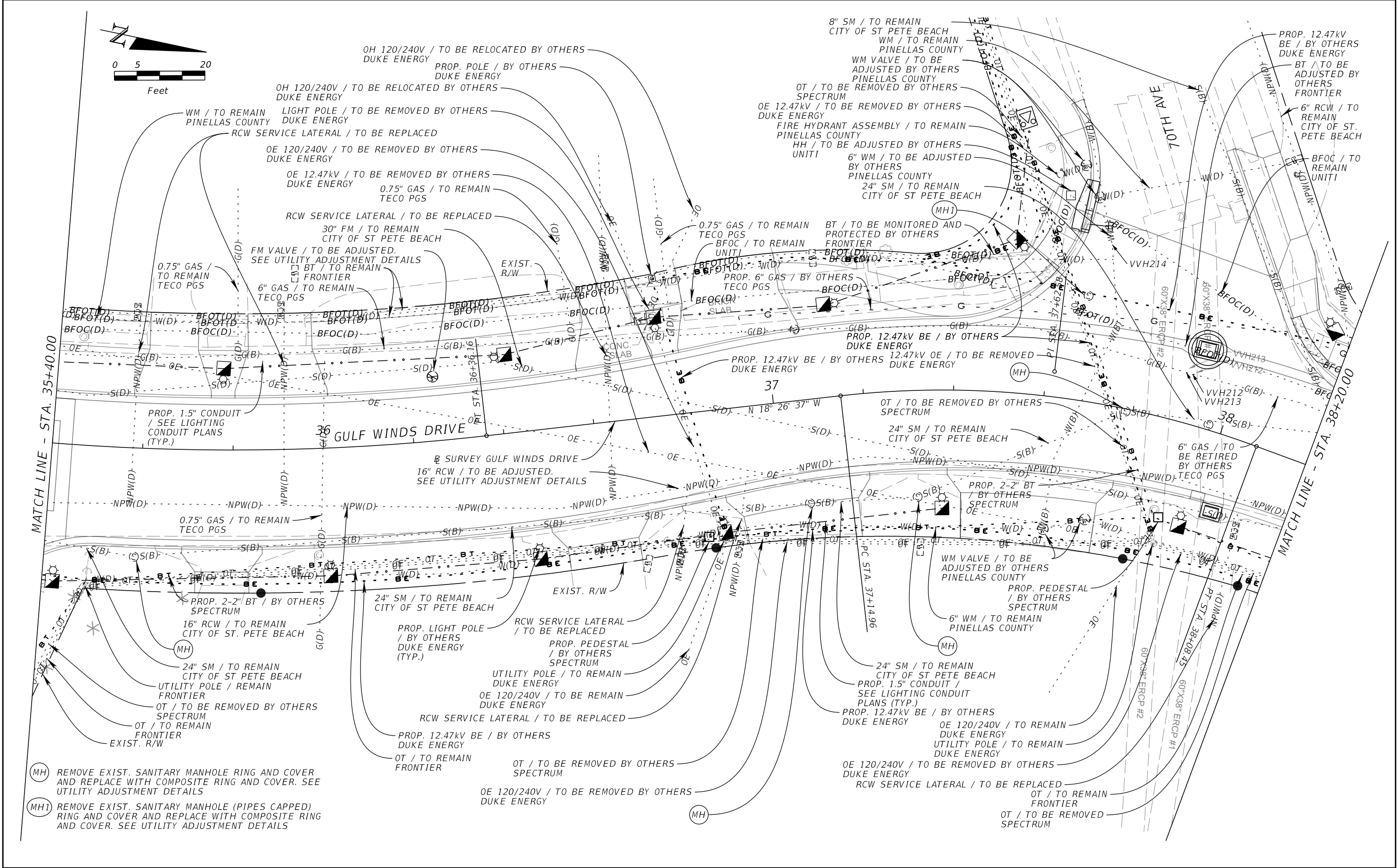
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT PLAN (7)	SHEET NO. 121 Page 373 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



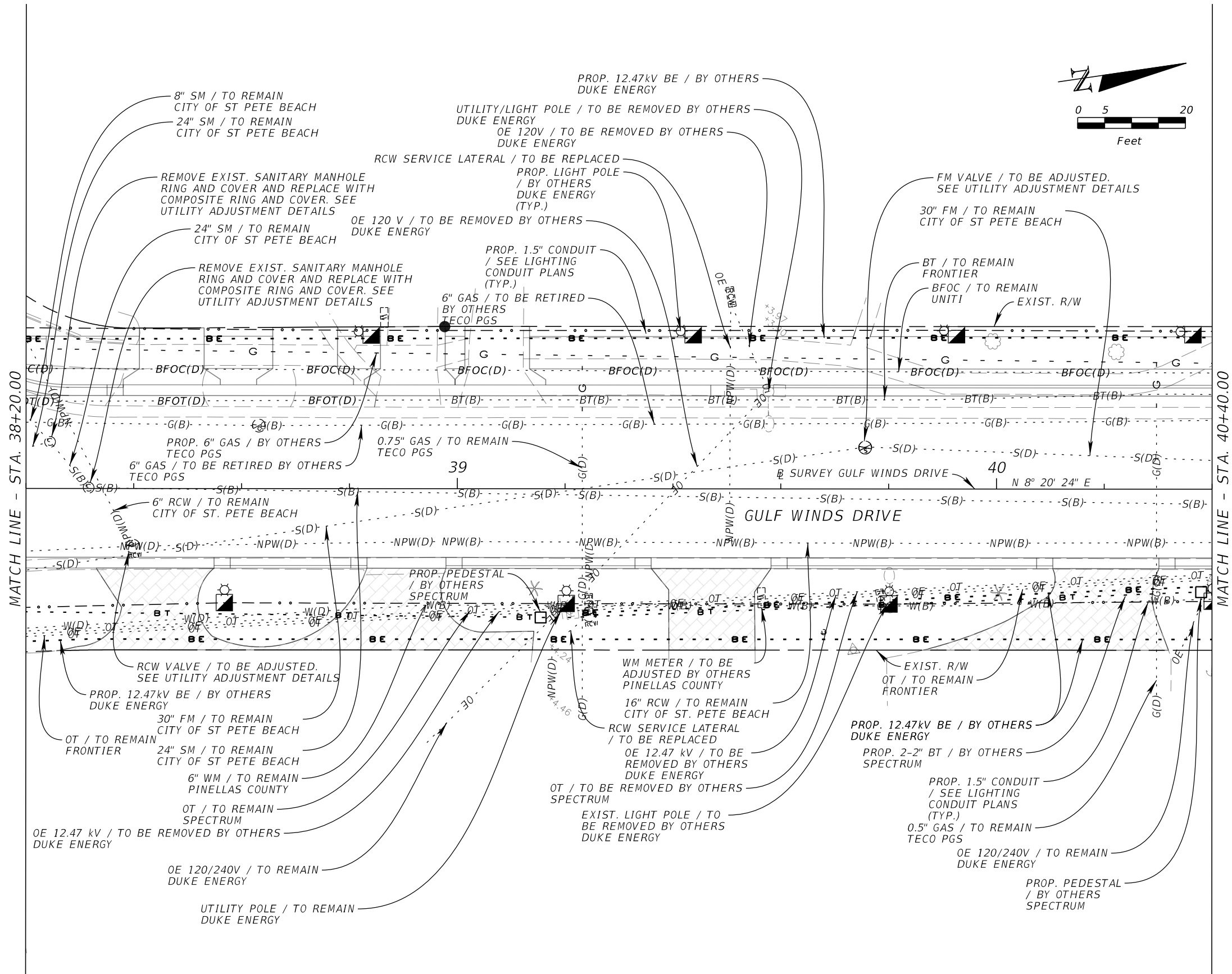
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



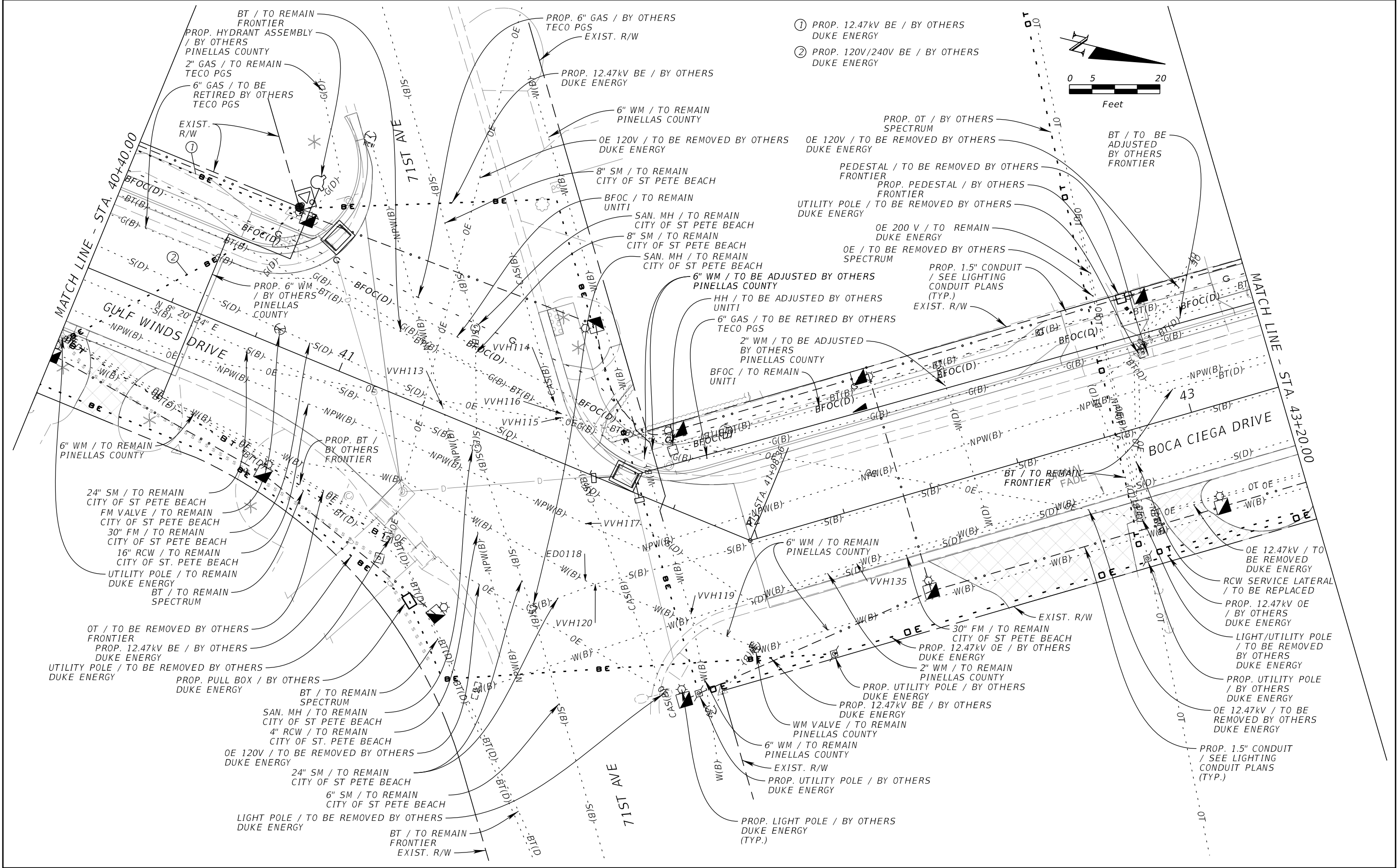
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



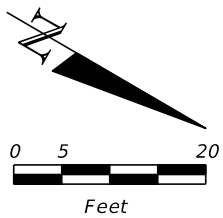
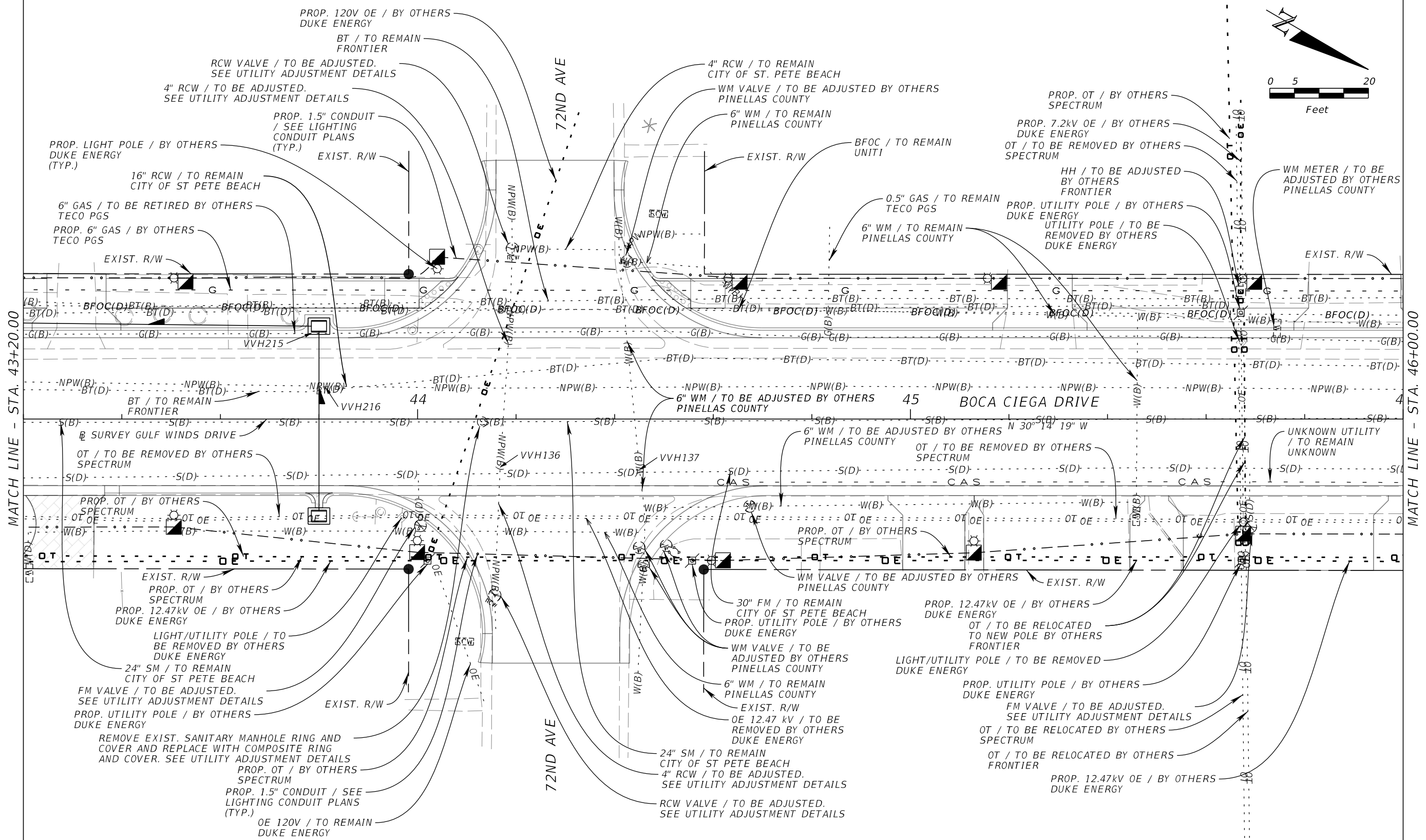
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT PLAN (11)	SHEET NO. 125 Page 377 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT PLAN (12)	SHEET NO. 126 Page 378 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



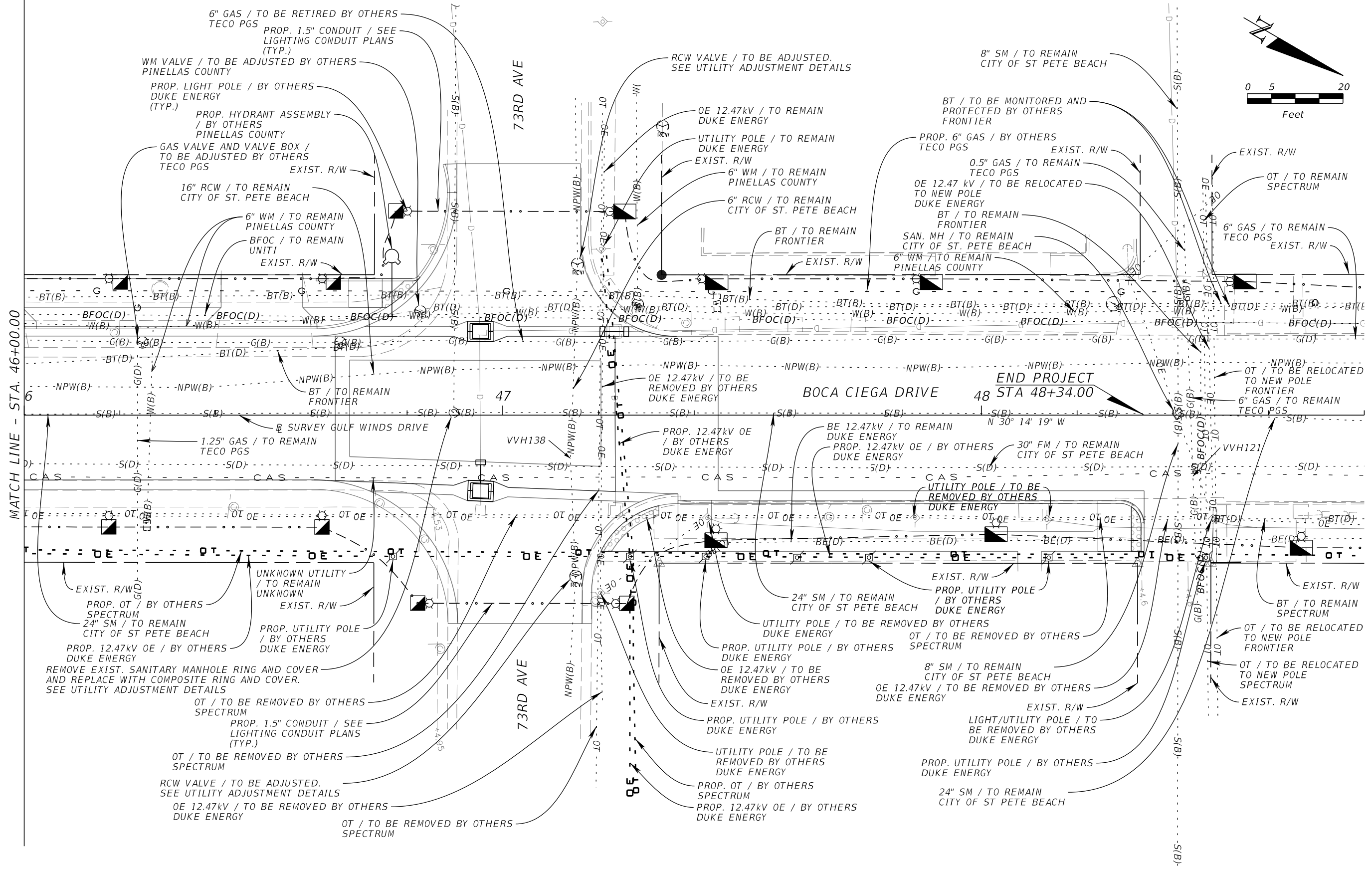
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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT PLAN (13)	SHEET NO. 127 Page 379 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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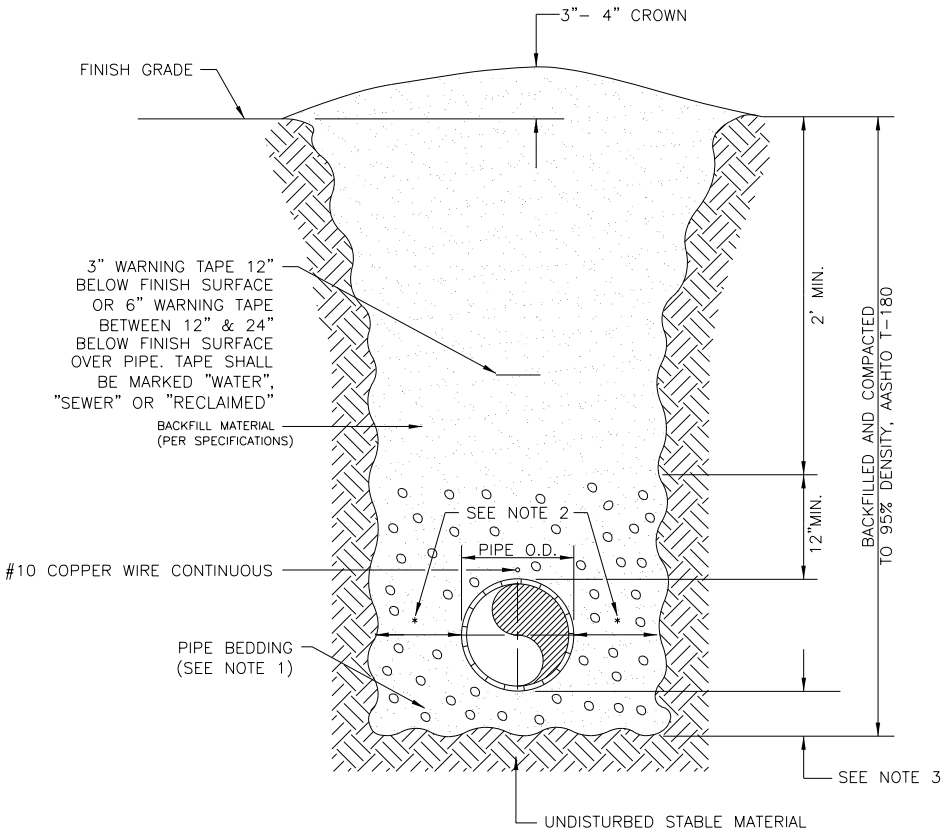
NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



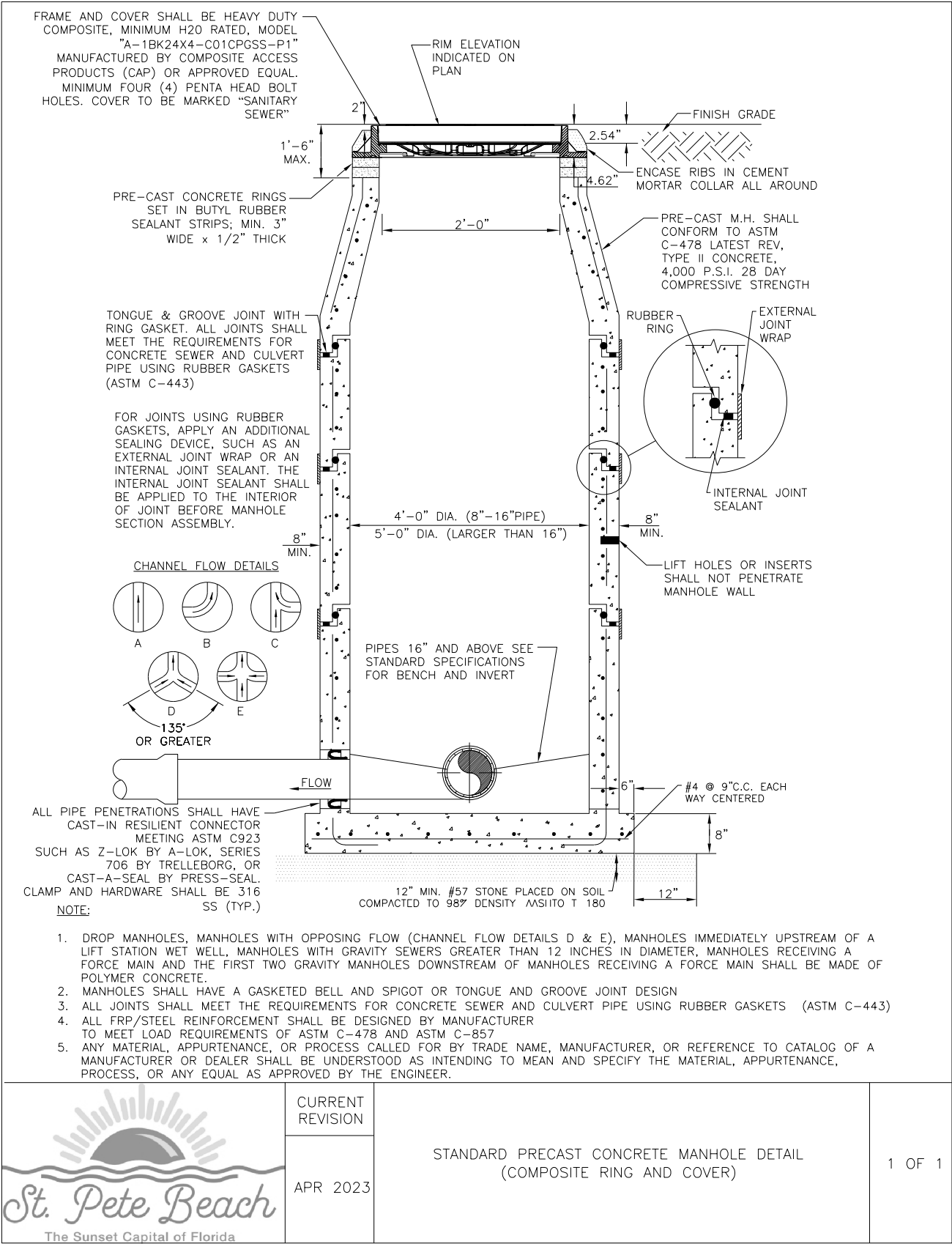
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

NOTES:

- 1. PIPE BEDDING MATERIAL SHALL BE IN ACCORDANCE WITH CITY SPECIFICATIONS OR GOVERNING AGENCY REQUIREMENTS.
- 2. PROVIDE ADEQUATE CLEARANCE TO PLACE AND COMPACT BEDDING MATERIAL IN TRENCH AREA BELOW PIPE SPRINGLINE. PIPE EMBEDMENT MUST BE COMPACTED OUT TO THE TRENCH WALL OR 2.5 TIMES THE PIPE OD, WHICHEVER IS LESS.
- 3. TYPICALLY 4" TO 6".
- 4. PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.

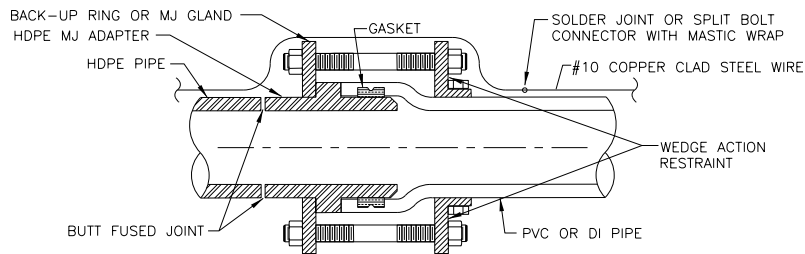


TRENCH WITH UNIMPROVED SURFACE
N.T.S. DATE: 07/10/2019

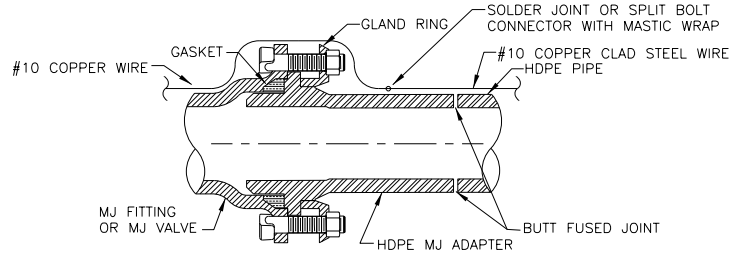


REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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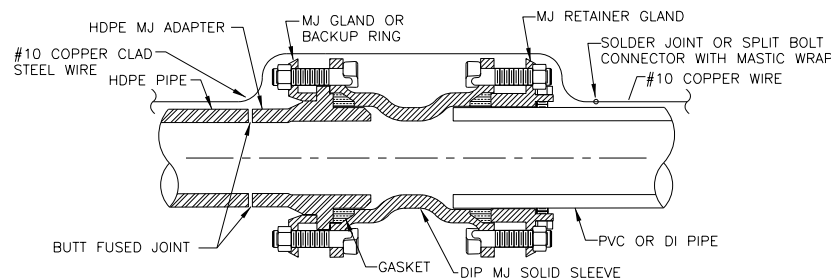


HDPE PIPE TO PVC PIPE / SPIGOT TO BELL CONNECTION



NOTE: SCHEMATIC SHOWN FOR STANDARD MJ FITTINGS AND GATE VALVES.

HDPE PIPE TO MJ FITTING TRANSITION



HDPE PIPE TO PVC PIPE SPIGOT TO SPIGOT CONNECTION

1. ONE # 10 GAUGE EXTRA HIGH STRENGTH COPPER CLAD STEEL TRACER WIRE SHALL BE PULLED AND SECURED TO THE PIPE FOR PIPELINES THAT ARE INSTALLED BY TRENCHLESS HORIZONTAL DIRECTIONAL DRILLING METHOD. IN NON-DIRECTIONAL BORE (TRENCHES AND BORE & JACK) APPLICATIONS, A # 10 GAUGE SOLID INSULATED COPPER WIRE SHALL BE ATTACHED TO THE PIPE. TRACER WIRES SHALL HAVE A MINIMUM 30-MILS OF POLYETHYLENE INSULATION.

HDPE TO PVC OR DI PIPE ADAPTER DETAIL

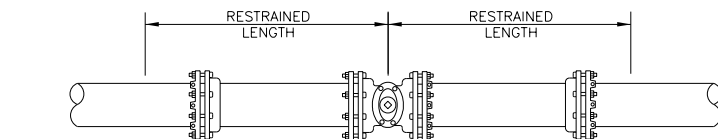
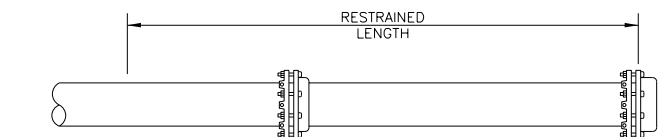
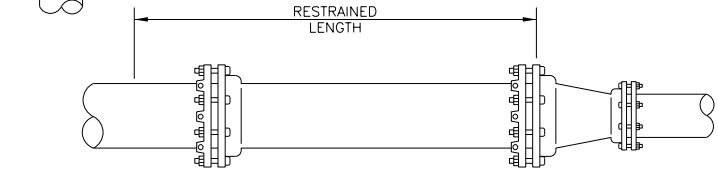
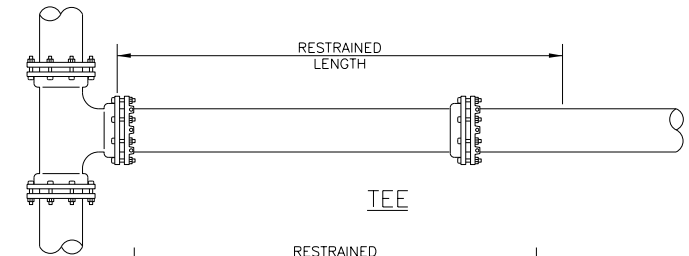
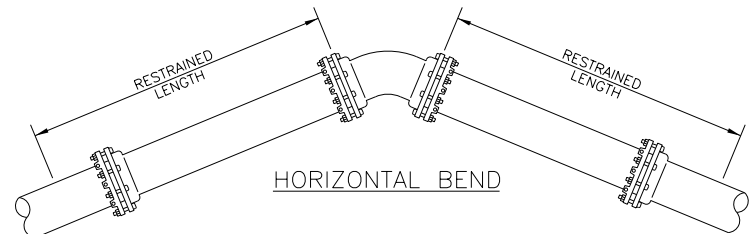
N.T.S.

MINIMUM LENGTH (FEET) OF RESTRAINED JOINT PIPE FOR DR-18 PVC PIPE

FITTING TYPE	PIPE SIZE										200psi	
	4"	6"	8"	10"	12"	16"	18"	20"	24"	30"	36"	
90° HORIZ. BEND	17	24	31	37	43	55	60	66	76	119	136	
45° HORIZ. BEND	8	10	13	16	18	23	25	28	32	49	56	
22.5° HORIZ. BEND	4	5	7	8	9	11	12	13	15	24	27	
11.25° HORIZ. BEND	2	3	4	4	5	6	6	7	8	12	14	
90° VERT.* OFFSET	UPPER BEND	38	53	70	84	99	115	140	153	179	285	330
	LOWER BEND	38	53	70	84	99	115	140	153	179	285	330
45° VERT. OFFSET	UPPER BEND	16	22	29	35	41	53	58	64	74	118	137
	LOWER BEND	4	6	7	9	10	13	14	15	18	29	33
22.5° VERT. OFFSET	UPPER BEND	8	11	14	17	20	26	28	31	36	57	66
	LOWER BEND	2	3	4	4	5	6	7	8	9	14	16
11.25° VERT. OFFSET	UPPER BEND	4	6	7	9	10	13	14	16	18	29	33
	LOWER BEND	1	1	1	2	3	3	4	4	5	7	8
PLUG/ IN-LINE VALVE		38	53	70	84	99	115	140	153	179	285	330
TEE (BRANCH RESTRAINT)	4"X Ø	20	-	-	-	-	-	-	-	-	-	-
	6"X Ø	11	35	-	-	-	-	-	-	-	-	-
	8"X Ø	2	29	51	-	-	-	-	-	-	-	-
	10"X Ø	1	22	46	65	-	-	-	-	-	-	-
	12"X Ø	1	15	41	61	79	-	-	-	-	-	-
	16"X Ø	1	1	30	52	72	107	-	-	-	-	-
	18"X Ø	1	1	24	47	68	104	120	-	-	-	-
	20"X Ø	1	1	18	42	64	101	117	133	-	-	-
	24"X Ø	1	1	5	32	55	95	112	128	158	-	-
	30"X Ø	1	1	1	15	42	84	103	120	152	193	-
REDUCER (LARGER PIPE RESTRAINT)	36"X Ø	1	1	1	1	26	73	93	111	144	187	226
	6"X Ø	28	-	-	-	-	-	-	-	-	-	-
	8"X Ø	50	30	-	-	-	-	-	-	-	-	-
	10"X Ø	68	52	28	-	-	-	-	-	-	-	-
	12"X Ø	86	72	52	29	-	-	-	-	-	-	-
	16"X Ø	117	107	93	75	54	-	-	-	-	-	-
	18"X Ø	131	122	110	95	76	29	-	-	-	-	-
	20"X Ø	146	138	126	113	96	54	29	-	-	-	-
200psi	24"X Ø	173	166	157	146	132	98	77	54	-	-	-
	30"X Ø	279	272	262	251	237	201	179	155	100	-	-
	36"X Ø	325	320	312	303	291	262	245	225	181	100	-

*PER DIPRA, AS THE BEND ANGLE APPROACHES 90°, LATERAL MOVEMENT OF THE OUTER LEGS APPROACHES ZERO. FOR THIS CONDITION, RESTRAIN ALL PIPE BETWEEN THE FITTINGS AND RESTRAIN THE OUTER LEGS AS DEAD ENDS.

(SOURCES: EBAA IRON RESTRAINT LENGTH CALCULATION PROGRAM FOR PVC PIPE, RELEASE 7.12)



NOTES:

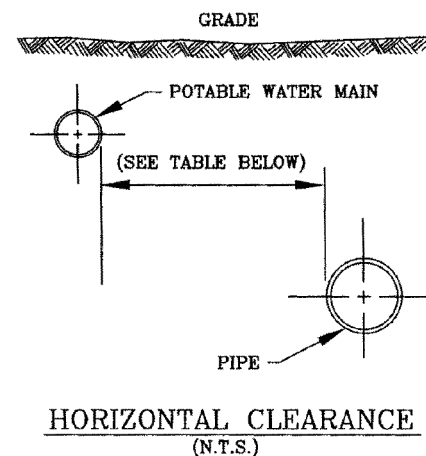
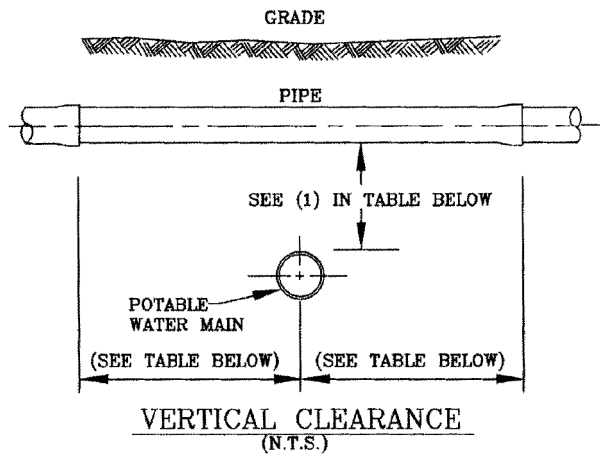
- THE DATA IN THE ABOVE TABLE ARE BASED UPON THE FOLLOWING INSTALLATION CONDITIONS:
SOIL TYPE-SP TEST PRESSURE-150/200 PSI
TRENCH TYPE-3 SAFETY FACTOR- 1.5
MINIMUM PIPE LENGTH ALONG TEE RUN-5'
DEPTH OF BURY-3' VERTICAL OFFSET-3'
- THE RESTRAINED PIPE LENGTHS APPLY TO PVC PIPE.
- ALL JOINTS BETWEEN UPPER AND LOWER BENDS SHALL BE RESTRAINED.
- RESTRAINED PIPE LENGTHS APPLY TO PIPE ON BOTH SIDES OF FITTINGS.
- RESTRAINED JOINTS SHALL EXTEND ONE JOINT BEYOND MIN. LENGTH REQUIRED.

RESTRAINED LENGTH TABLE DETAIL

N.T.S.

PINELLAS COUNTY
MAIN CLEARANCES
DETAIL

DETAIL INDEX I.D.:
PCU GD 2
DATE: FEB/2016
KEVIN BECOTTE, P.E.
REVISION: *Kevin Becotte*



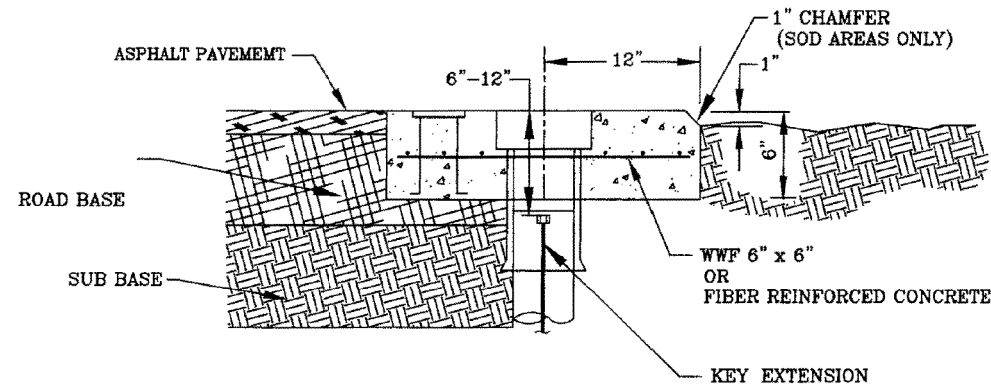
PIPE	HORIZONTAL SEPARATION	CROSSINGS (1)	JOINT SPACING @ CROSSINGS
VACUUM-TYPE SANITARY SEWER, STORM SEWER, STORMWATER FORCE MAIN, RECLAIMED WATER (2)	3 FT. MINIMUM	12 INCHES IS THE MINIMUM, EXCEPT FOR STORM SEWER, THEN 6 INCHES IS THE MINIMUM AND 12 INCHES IS PREFERRED	(FULL JOINT CENTERED, ALTERNATE 3 FT. MINIMUM FROM ALL JOINTS)
GRAVITY OR PRESSURE SANITARY SEWER, SANITARY SEWER FORCE MAIN, RECLAIMED WATER (4)	10 FT. PREFERRED 6 FT. MINIMUM (3)	12 INCHES IS THE MINIMUM, EXCEPT FOR GRAVITY SEWER, THEN 6 INCHES IS THE MINIMUM AND 12 INCHES IS PREFERRED	(FULL JOINT CENTERED, ALTERNATE 6 FT. MINIMUM FROM ALL JOINTS)
ON-SITE SEWAGE TREATMENT & DISPOSAL SYSTEM	10 FT. MINIMUM	-	-

NOTES: (IN ACCORDANCE WITH F.A.C. RULE 62-555.314)

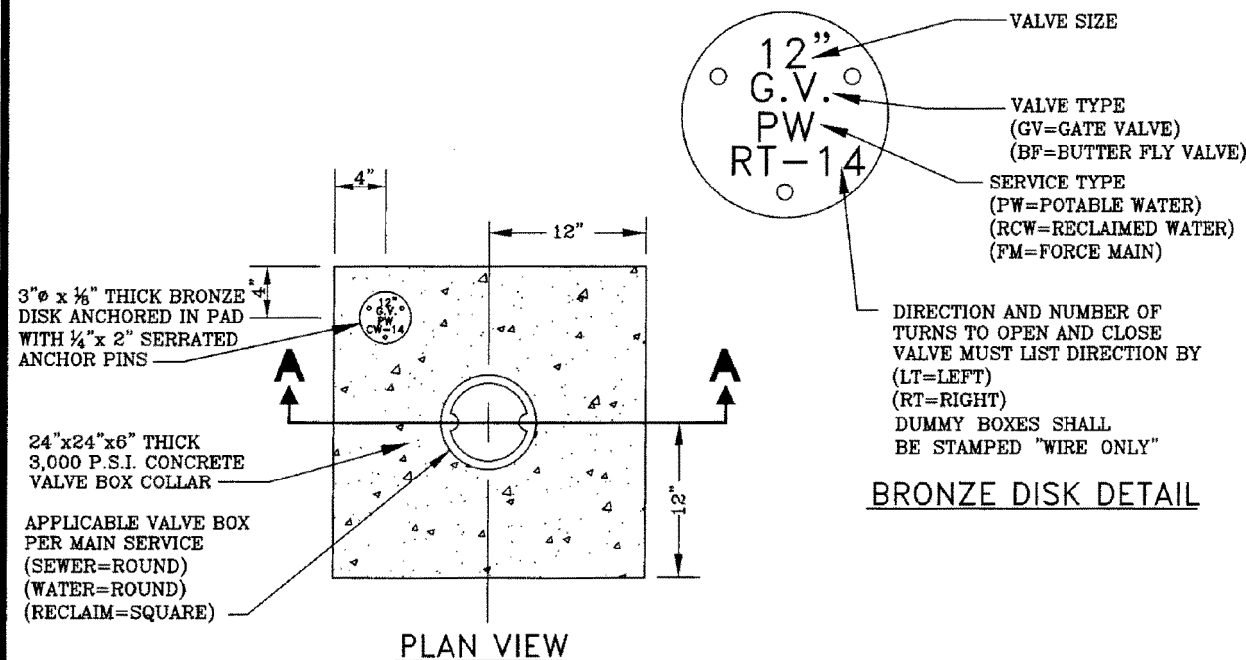
- POTABLE WATER MAIN SHOULD CROSS ABOVE OTHER PIPE. WHEN POTABLE WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.
- RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- 3 FT. FOR GRAVITY SANITARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.
- RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED MATERIALS SPECIFICATIONS MANUAL.EE

NOTES

1. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST P.C.U. APPROVED MATERIAL SPECIFICATION MANUAL.
2. IF VALVE IS LOCATED WITHIN A SIDEWALK CONCRETE COLLAR MAY BE ELIMINATED AND DISK SET FLUSH DIRECTLY IN SIDEWALK.
3. **BRONZE DISK REQUIRED:** FOR ALL VALVES, AND DUMMY BOXES.
4. THE 24"x24"x6" THICK CONCRETE VALVE BOX COLLAR CAN BE INSTALLED BELOW THE FRICTION COARSE AND THE BRONZE DISK ANCHORED IN A NEAR-BY CURB OR SIDEWALK.
5. ALL VALVES/BOXES SHALL BE LOCATED BY MEANS OF A PERPENDICULAR 6"x2' BLUE STRIPE ACROSS THE CURB. THE DISTANCE FROM THE BACK OF THE CURB TO THE VALVE SHALL BE STENCILED ON THE CURB WITH NUMBERS FOUR INCHES HIGH, PAINTED BLUE, BY THE CONTRACTOR.



SECTION A-A



PINELLAS COUNTY

**CONCRETE VALVE BOX AND COLLAR
DETAIL**

DETAIL INDEX I.D.:

PCU GD 5

DATE:

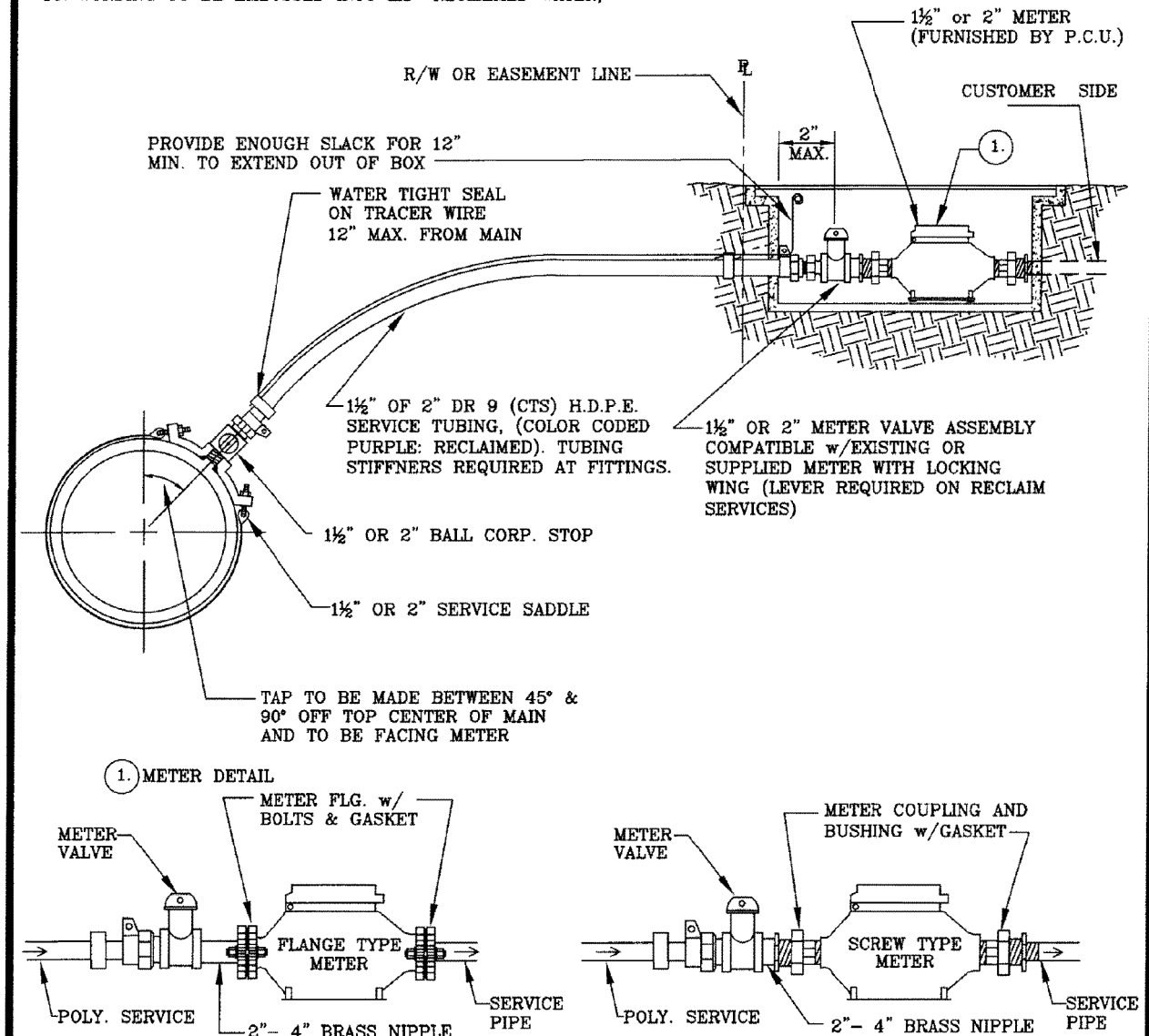
FEB/2016

KEVIN BECOTTE, P.E.

REVISION:

NOTES

1. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST P.C.U. APPROVED MATERIAL SPECIFICATION MANUAL.
2. CORPORATION STOPS SHALL BE COMPATIBLE WITH DR 9 (C.T.S.) H.D.P.E. TUBING.
3. SERVICE SADDLE REQUIRED FOR ALL TAPS.
4. METER ONLY, TO BE FURNISHED BY P.C.U.
5. METER BOXES SHALL BE INDUSTRIAL SIZE.
6. ALL METER BOXES LOCATED WITHIN VEHICULAR TRAVEL AREAS SHALL BE H-20 LOADING. ALL OTHERS SHALL BE H-10 LOADING.
7. TRACER WIRE REQUIRED ON ALL SERVICES.
8. TAP AND METER SHALL BE INSTALLED BY P.C.U. ON ALL PRIVATELY DEVELOPED PROJECTS.
9. SERVICES OVER 60' IN LENGTH SHALL BE UP-SIZED TO 2".
10. WORDING TO BE EMBOSSED INTO LID "RECLAIMED WATER."



PINELLAS COUNTY

**1/2" OR 2" METERED RECLAIMED WATER SERVICE
DETAIL**

DETAIL INDEX I.D.:

PCU RD 3

DATE:

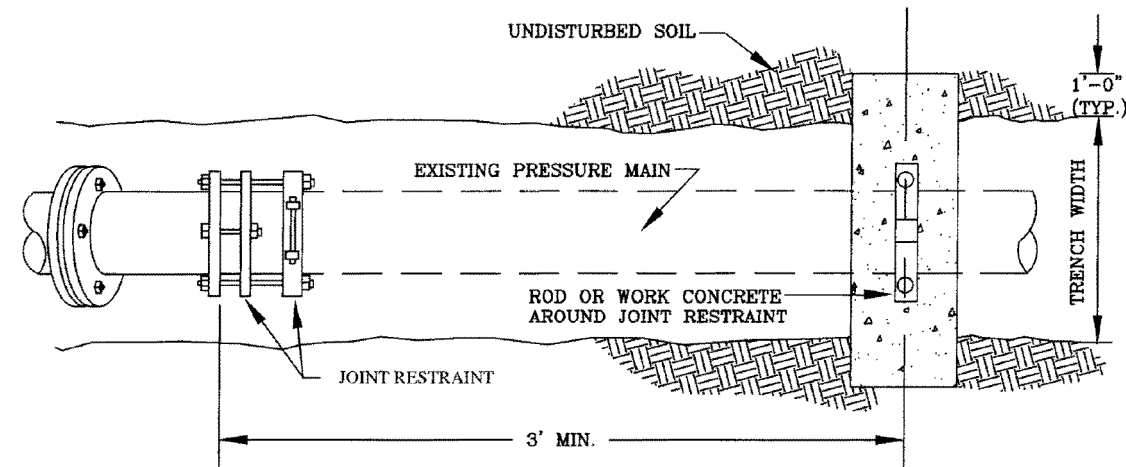
FEB/2016

KEVIN BECOTTE, P.E.

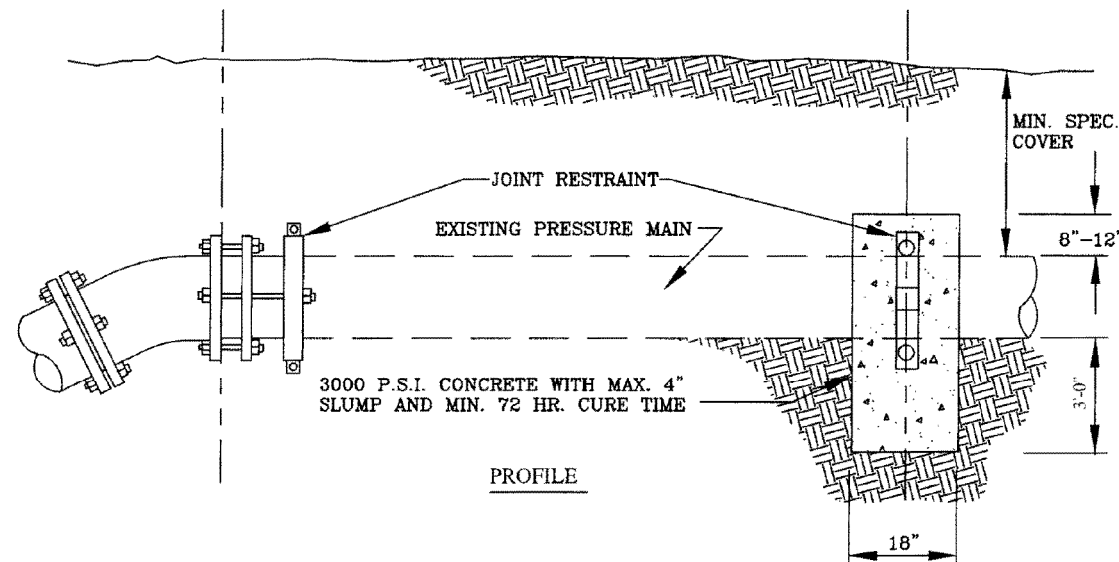
REVISION:

NOTES:

1. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST APPROVED MATERIAL SPECIFICATION MANUAL.
2. FITTING CONNECTION TO EXISTING PIPE AND REVERSE DEADMAN MUST BE PART OF ONE INTEGRAL JOINT OF PIPE.
3. REVERSE DEADMAN FOR 16" AND LARGER PIPES SHALL BE DESIGNED BY ENGINEER.



PLAN



PROFILE

PINELLAS COUNTY

REVERSE DEADMAN RESTRAINT
DETAIL

DETAIL INDEX I.D.:

PCU GD 6

DATE:

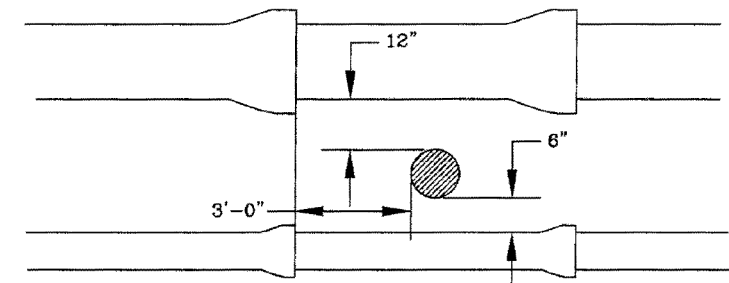
FEB/2016

KEVIN BECOTTE, P.E.

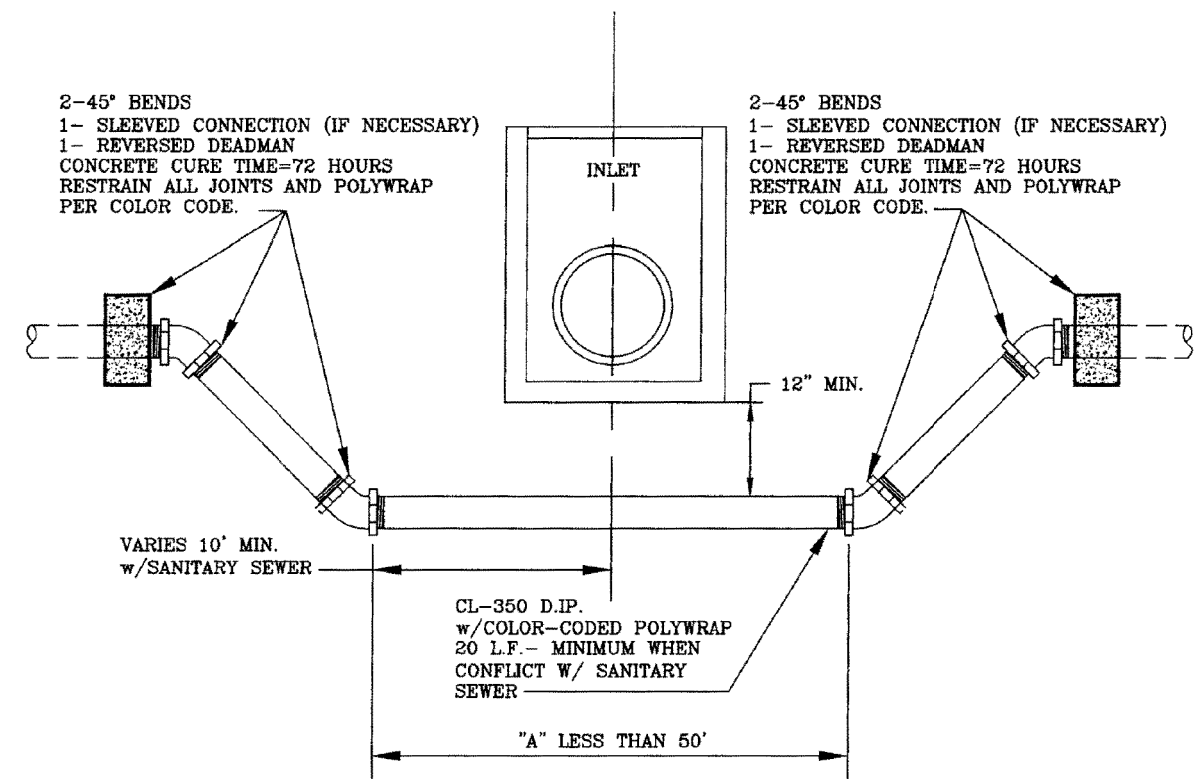
REVISION:

NOTES:

1. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST P.C.U. APPROVED MATERIAL SPECIFICATION MANUAL AND TECHNICAL SPECIFICATIONS.
2. ALL WORK SHOWN ON THIS DRAWING SHALL BE PAID FOR UNDER THE OFFSET PAY-ITEM FOR THE APPLICABLE SIZE OF THE EXISTING PIPE TO BE RELOCATED DUE TO CONFLICT; NO SEPARATE PAYMENT SHALL BE MADE UNDER INDIVIDUAL PAY-ITEMS UNLESS "A" IS GREATER THAN 50'.



PIPE SEPERATION-MINIMUM



PROFILE VIEW

PINELLAS COUNTY

TYPICAL PRESSURE LINE
OFFSET RELOCATION DETAIL

DETAIL INDEX I.D.:

PCU GD 13

DATE:

FEB/2016

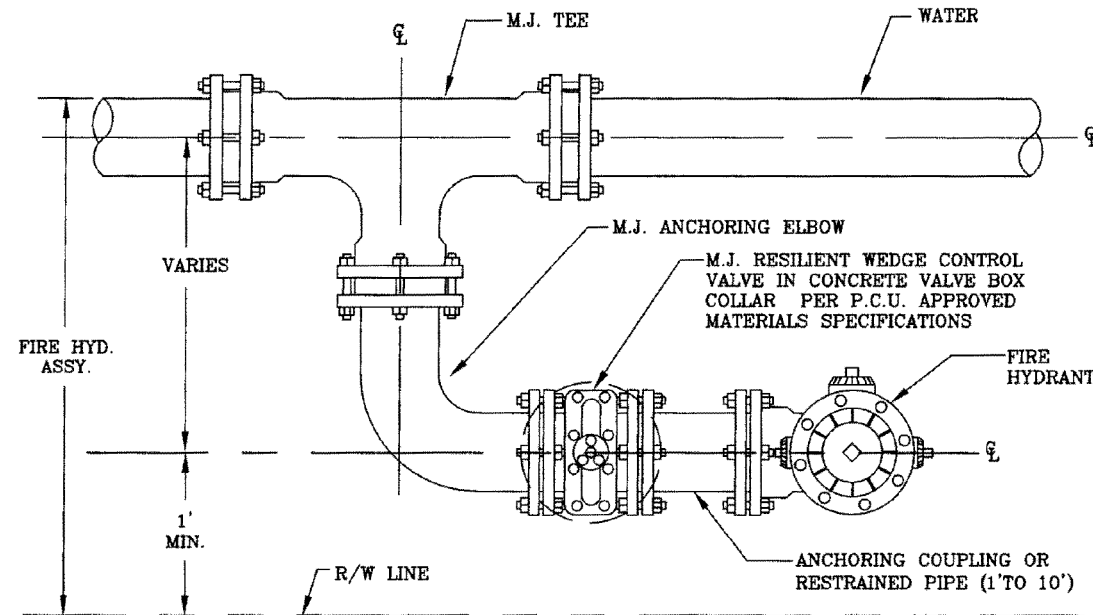
KEVIN BECOTTE, P.E.

REVISION:

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		133

NOTES:

1. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST P.C.U. APPROVED MATERIAL SPECIFICATION MANUAL.
2. ALL BOLTED FITTINGS SHALL BE POLYETHYLENE WRAPPED, COLOR CODED PER SERVICE.
3. VALVE BOX(ES) SHALL HAVE A CONCRETE COLLAR PER P.C.U. APPROVED STANDARD DETAIL.
4. HYDRANT SHALL BE INSTALLED PLUMB.
5. HYDRANT SHALL BE PAINTED AFTER INSTALLATION PER P.C.U. APPROVED MATERIAL SPECIFICATION MANUAL.
6. TEE MAY BE ROTATED TO OBTAIN PROPER BURY ON FIRE HYDRANT.
7. ANCHORING ELBOW MAY BE SWITCHED (LONG vs. SHORT END) AND ROTATED TO SET FIRE HYDRANT IN OPPOSITE DIRECTION.
8. ANCHORING COUPLINGS MAY BE REPLACED WITH RESTRAINED PIPE.
9. ALL CHAINS SHALL BE REMOVED AFTER INSTALLATION.
10. IF FIRE HYDRANT IS INSTALLED WITHIN AN OFF-STREET VEHICULAR AREA, AND IS LOCATED WITHIN 10 FT. OR LESS OF A VEHICULAR USE AREA, GUARD POSTS (BOLLARDS) SHALL BE INSTALLED PER P.C.U. APPROVED STANDARD DETAIL UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF P.C.U. ENGINEERING OR THEIR REPRESENTATIVE.



PINELLAS COUNTY

PARALLEL FIRE HYDRANT
DETAIL

DETAIL INDEX I.D.:

PCU WD 7

DATE:

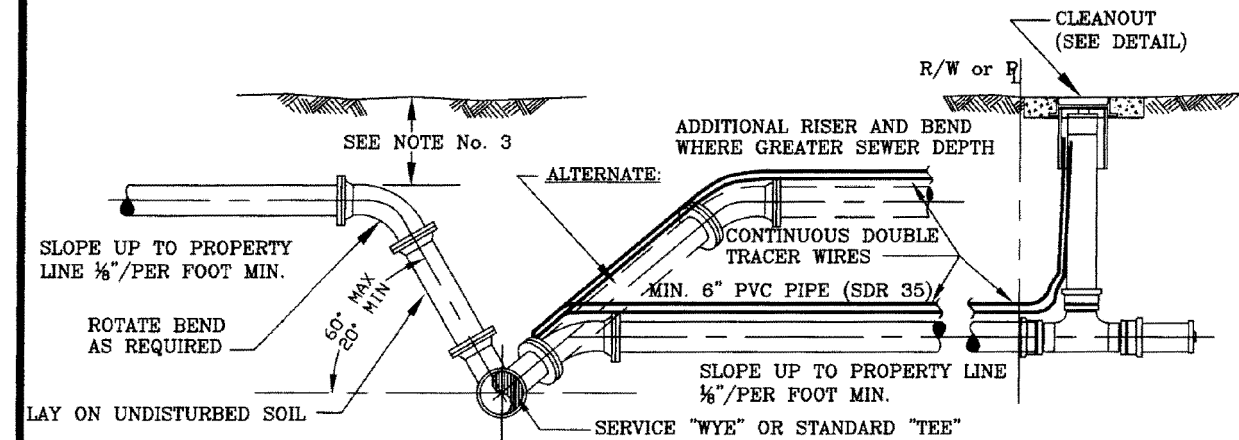
FEB/2016

KEVIN BECOTTE, P.E.

REVISION: *Kevin Becotte*

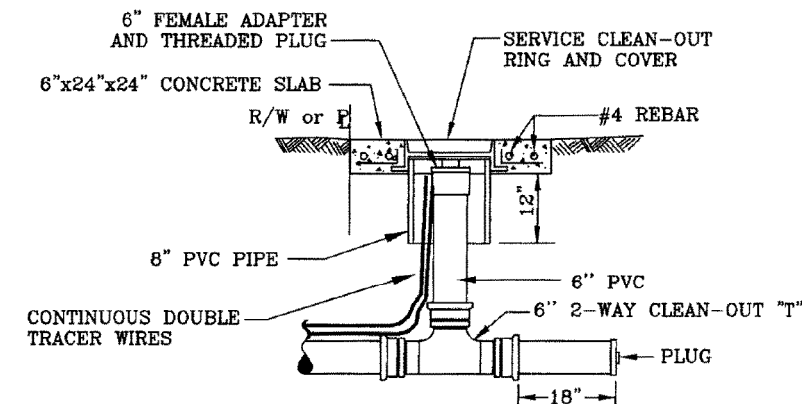
NOTES:

1. ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST P.C.U. APPROVED MATERIAL SPECIFICATION MANUAL.
2. SERVICE CONNECTIONS MAY NOT HAVE BEEN SHOWN ON PLAN/PROFILE SHEETS. SERVICE CONNECTION LOCATIONS SHALL BE DETERMINED IN THE FIELD AND CONNECTIONS CONSTRUCTED ACCORDANCE WITH P.C.U. APPROVED TECHNICAL SPECIFICATIONS, MATERIALS MANUAL & THESE DETAILS. FOR NEW DEVELOPMENT, THE SERVICE CONNECTION SHALL BE CONSTRUCTED IN THE CENTER OF THE LOT.
3. MINIMUM DEPTH UNDER ROADWAY 42" MINIMUM DEPTH AT PROPERTY LINE 36" (OR AS REQUIRED FOR SERVICE).
4. SERVICE LINES SHALL BE A MIN. OF 6" TO ALL RESIDENCES.
5. NO DOUBLE WYE UNITS SHALL BE PERMITTED ON SERVICE LINE. ALL RESIDENCES SHALL BE SERVED BY A SINGLE SERVICE.
6. RISERS SHALL BE INSTALLED ON ALL WYES (BOTH PRESENT & FUTURE SERVICES).
7. RISERS SHALL PREFERABLY FOLLOW SLOPE OF BANK TO REQUIRED DEPTH.
8. THE TRACER WIRE SHALL START AT THE CLEAN-OUT AND RUN ALONG THE SEWER SERVICE TO THE MAIN AND BACK TO THE CLEAN-OUT AS ONE CONTINUOUS WIRE.



SERVICE CONNECTION - DETAIL

SCALE: NONE



CLEAN-OUT DETAIL

SCALE: NONE

PINELLAS COUNTY

SEWER SERVICE CONNECTION
AND CLEAN-OUT DETAIL

DETAIL INDEX I.D.:

PCU SD 4

DATE:

FEB/2016

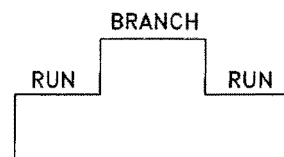
KEVIN BECOTTE, P.E.

REVISION: *Kevin Becotte*

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT DETAILS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		134

NOTES:

- ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST P.C.U. APPROVED MATERIAL SPECIFICATION.
- MANUAL. THIS TABLE SHALL BE UTILIZED FOR ALL PRESSURE MAIN INSTALLATIONS. ALL FITTINGS SHALL BE RESTRAINED TO THE LENGTHS INDICATED, AT A MINIMUM.
- THIS TABLE WAS DEVELOPED USING THE FOLLOWING ASSUMPTIONS:
 - D.I. PIPE WITH POLY WRAP
 - SAFETY FACTOR OF 1.5 TO 1
 - TEST PRESSURE OF 150 P.S.I.
 - SOIL TYPE = S.M.
 - TYPE 3 TRENCH
 - DEPTH OF COVER = 2.5' UP TO 18" AND 3' FOR 20" AND ABOVE.
- WHEN A TEE HAS A VALVE ON THE RUN, THE BRANCH AND THE RUNS SHALL BE RESTRAINED AS A 90° BEND FOR THE SIZE OF THE PIPE.
- ALL BENDS, TEES, AND VALVES SHALL BE RESTRAINED ON EACH SIDE OF THE FITTING.
- ALL RESTRAINED PIPE LENGTHS ARE IN FEET.
- "F" REPRESENTS THE RESTRAINED JOINTS AT THE FITTINGS.
- HDPE TRANSITION VALVE IS FOR STRAIGHT TIE-INS, IF A BEND IS USED, THE VALVE FOR THE BEND MUST BE ADDED.
- LINE VALVES SHALL BE RESTRAINED UPSTREAM AND DOWNSTREAM AS A DEAD END.



PIPE SIZE	FITTINGS					
	TEE BRANCH ONLY	90°	45°	22½°	11¼°	DEAD END
2"	F	40	17	F	F	40
4"	19	49	20	10	5	49
6"	33	69	28	14	7	69
8"	58	88	37	18	9	88
10"	76	107	44	21	11	107
12"	93	125	52	25	12	125
14"	110	142	59	28	14	142
16"	127	159	66	32	16	159
18"	143	175	73	35	17	175
20"	132	164	68	33	16	164
24"	159	192	79	38	19	192
30"	195	229	95	46	23	229
36"	230	264	109	53	26	264

FITTINGS			
REDUCERS			LARGER PIPE
LG. SIZE	SM. SIZE	LENGTH	
4"	2"	17'	24
6"	4"	50'	35
8"	4"	91'	64
	6"	53'	37
10"	4"	123'	87
	6"	93'	66
	8"	51'	36
12"	4"	154'	108
	6"	129'	91
	8"	94'	66
	10"	52'	37
14"	6"	160'	113
	8"	131'	92
	10"	95'	67
	12"	52'	36
16"	6"	190'	134
	8"	165'	116
	10"	134'	94
	12"	96'	67
	14"	52'	36
18"	8"	196'	137
	10"	169'	118
	12"	135'	95
	14"	96'	67
	16"	51'	36
20"	10"	172'	121
	12"	147'	103
	14"	117'	82
	16"	82'	58
	18"	44'	30
24"	12"	201'	141
	14"	177'	124
	16"	149'	104
	18"	117'	82
	20"	82'	57
30"	18"	206'	144
	20"	178'	125
	24"	115'	80
	20"	258'	180
36"	24"	207'	144
	30"	114'	80

PRESSURE MAIN RESTRAINED JOINT

PINELLAS COUNTY

PRESSURE MAIN RESTRAINED JOINT
DETAIL

DETAIL INDEX I.D.:

PCU GD 11

DATE:

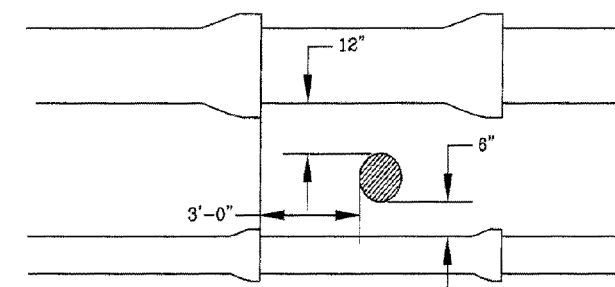
FEB/2016

KEVIN BECOTTE, P.E.

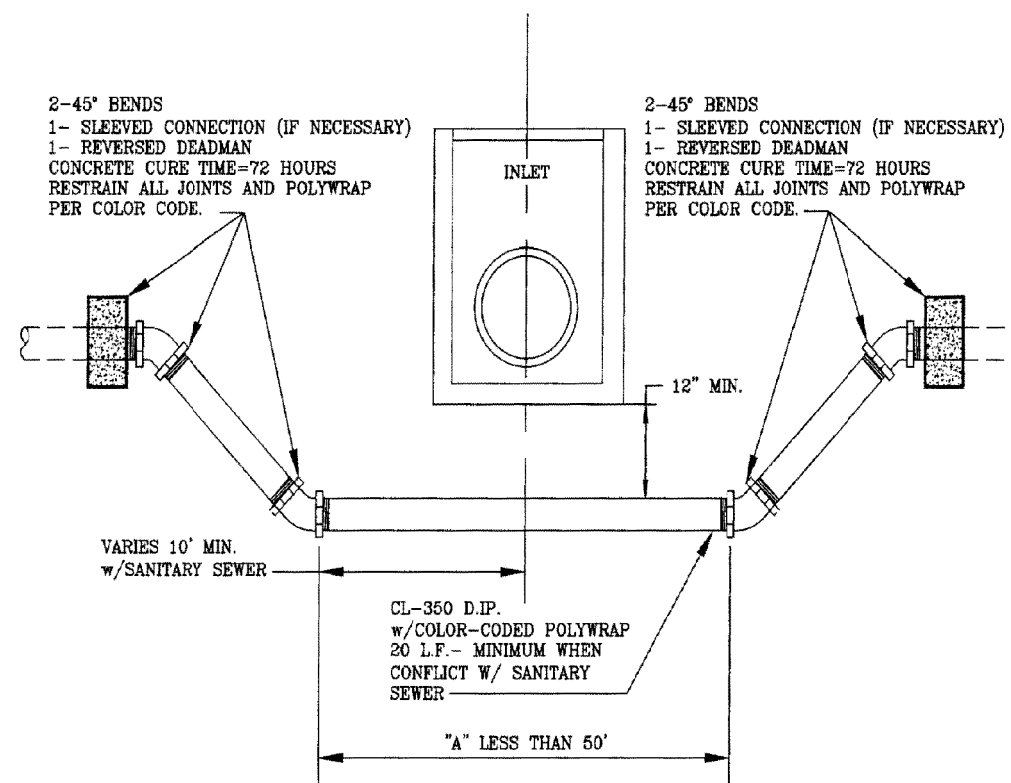
REVISION:

NOTES:

- ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST P.C.U. APPROVED MATERIAL SPECIFICATION MANUAL AND TECHNICAL SPECIFICATIONS.



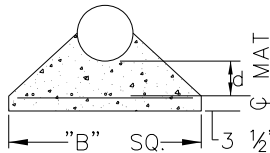
PIPE SEPERATION-MINIMUM

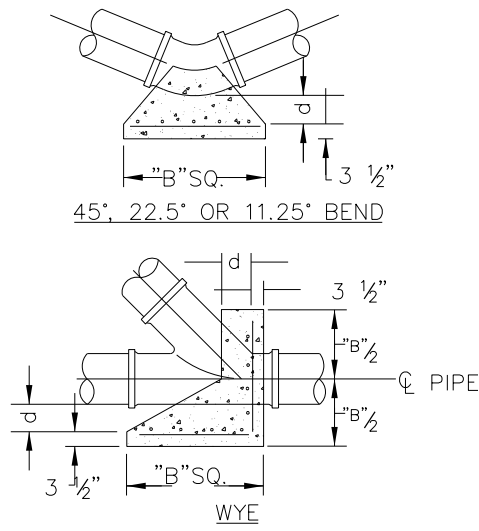
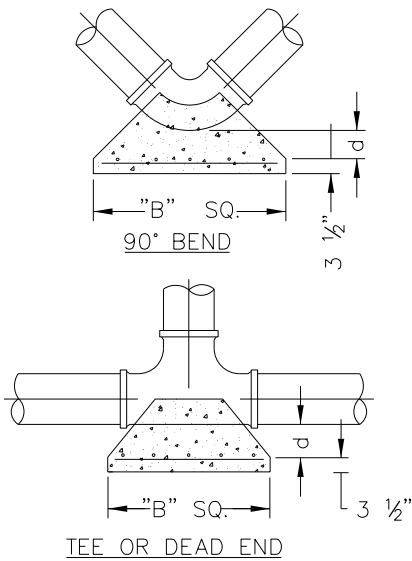


PROFILE VIEW

TYPICAL PRESSURE LINE
OFFSET RELOCATION DETAIL

THRUST BLOCK DIMENSIONS B ft. x d inches												
PIPE SIZE (IN.)	90° BEND		45° BEND		22.5° BEND		11.25° BEND		DEAD END & TEE		WYE	
	B	d	B	d	B	d	B	d	B	d	B	d
4	1.5	3 ½	1.1	3 ½	0.8	3 ½	0.6	3 ½	1.3	3 ½	1.1	3 ½
6	2.2	5 ¼	1.6	3 ¾	1.2	3 ½	0.8	3 ½	1.9	4 ½	1.6	3 ¾
8	2.9	7	2.1	5	1.5	3 ½	1.1	3 ½	2.4	5 ¾	2.0	4 ¾
10	3.5	8 ½	2.6	6 ¼	1.9	4 ½	1.3	3 ½	3.0	7 ¼	2.5	6
12	4.2	10	3.1	7 ½	2.2	5 ¼	1.6	3 ¾	3.5	8 ¼	3.0	7 ¼
14	4.9	11 ¾	3.6	8 ¾	2.6	6 ¼	1.8	4 ¼	4.1	9 ¾	3.4	8 ¼
16	5.5	13 ¼	4.1	9 ¾	2.9	7	2.1	5	4.7	11 ¼	3.9	9 ¼
18	6.2	15	4.6	11	3.3	8	2.3	5 ½	5.2	12 ½	4.4	10 ½
20	6.9	16 ½	5.0	12	3.6	8 ¾	2.6	6 ¼	5.8	14	4.9	11 ¾
24	8.2	19 ¾	6.0	14 ½	4.3	10 ¼	3.1	7 ½	6.9	16 ½	5.8	14
30	10.1	24 ¼	7.5	18	5.3	12 ¾	3.8	9	8.5	20 ½	7.2	17 ¼
36	12.1	29	8.9	21 ¼	6.4	15 ¼	4.5	10 ¾	10.2	24 ½	8.6	20 ¾

	REINFORCEMENT MAT SCHEDULE	
	FOR DIM. "B" BETWEEN 5.75' & 12.5' USE #4 @ 8" EACH WAY	
	FOR DIM. "B" LESS THAN 5.75' USE #3 @ 8" EACH WAY	



- NOTES:
- ALL THRUST BLOCKS SHALL BE CAST IN PLACE. FITTINGS ADJACENT TO THRUST BLOCKS SHALL BE WRAPPED IN POLYETHYLENE.
 - THIS TABLE IS BASED ON WATER PRESSURE=180 PSI WITH AN ALLOWABLE SOIL BEARING PRESSURE=2000 PSF, CONCRETE STRENGTH f_c =3000 PSI, REINFORCEMENT f_y =60.0 KSI. THRUST BLOCK SHALL BE CAST AGAINST FIRM UNDISTURBED SOIL.
 - FOR LARGER "B" DIMENSIONS IT IS NECESSARY TO CHECK THAT PIPE IS SUFFICIENTLY DEEP TO ALLOW 15" MIN. SOIL COVER OVER TOP EDGE OF THRUST BLOCK.
 - RESTRAINED JOINTS MAY BE USED IN LIEU OF THRUST BLOCKS TO SAVE SPACE. THRUST BLOCKS SHALL BE USED IN SITUATIONS WHERE THRUST BLOCKS AND RESTRAINED JOINTS ARE BOTH REQUIRED.

CONCRETE THRUST BLOCKS

N.T.S.

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		UTILITY ADJUSTMENT DETAILS	SHEET NO.
DATE	DESCRIPTION		DATE		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		
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VVH TABLE

NAME	NORTHING	EASTING	STATION	OFFSET	SURFACE	DEPTH	TOP	DESCRIPTION	OWNER	SURFACE TYPE
VVH101	1237340.26	414769.39	21+51.29	32.26' LT	6.83'	2.12'	4.71'	6" Cast Iron Water Main	Pinellas Co.	Asphalt
VVH102	1237340.68	414769.14	21+51.78	32.25' LT	6.81'	3.00'	3.81'	6" Polyetheylene Gas Main	Pinellas Co.	Asphalt
VVH103	1236351.65	415135.29	10+58.86	14.50' RT	4.61'	1.69'	2.92'	12" Cast Iron Water Main	Pinellas Co.	Asphalt
VVH104	1236867.73	415104.15	15+74.71	9.79' RT	4.13'	1.88'	2.25'	12" Cast Iron Reclaimed Water	Pinellas Co.	Asphalt
VVH105	1237343.46	414823.87	21+25.54	15.85' RT	6.67'	3.43'	3.24'	16" Ductile Iron Reclaimed Water	Pinellas Co.	Asphalt
VVH106	1237365.80	414811.04	21+51.29	16.60' RT	6.68'	2.34'	4.34'	6" Cast Iron Water Main	Pinellas Co.	Asphalt
VVH107	1237371.74	414807.43	21+58.24	16.63' RT	6.67'	2.54'	4.13'	4" Steel Gas Main	TECO Peoples Gas	Asphalt
VVH108	1238023.05	414408.57	29+21.98	17.10' RT	6.76'	2.26'	4.50'	4" PVC Reclaimed Water (Purple)	Pinellas Co.	Asphalt
VVH109	1238031.41	414402.36	29+32.35	16.19' RT	6.75'	2.66'	4.09'	6" Cast Iron Water Main	Pinellas Co.	Asphalt
EDO110	1236775.40	415127.01	14+81.71	7.51' RT	4.85'	4.0'	0.8'	Electronic Depth Only - Telephone	Frontier	Asphalt
VVH111	1237406.14	414783.43	22+00.11	14.15' RT	7.08'	2.29'	4.79'	1" Polyethylene Reclaimed Water (Purple)	Pinellas Co.	Asphalt
EDO112	1239973.29	414008.88	50+17.80	11.16' RT	4.52'	2.5'	2.0'	Electronic Depth Only - Street Light Electric	St. Pete Beach	Brick
VVH113	1239186.58	414399.80	41+24.24	1.37' LT	3.84'	4.02'	-0.18'	4" PVC Reclaimed Water (Purple)	Pinellas Co.	Asphalt
VVH114	1239210.33	414392.86	41+46.73	11.68'LT	3.30'	1.40'	1.90'	2" Cast Iron Unknown	Unknown	Asphalt
VVH115	1239212.62	414395.64	41+49.40	9.26' LT	3.29'	2.02'	1.27'	6" Polyethylene Gas Main (Orange)	TECO Peoples Gas	Asphalt
VVH116	1239212.52	414394.86	41+49.19	10.02'LT	3.27'	2.85'	0.42'	4" PVC Telephone (x2)	Frontier	Asphalt
VVH117	1239223.41	414417.14	41+63.20	10.45' RT	3.66'	4.21'	-0.55'	Ductile iron Reclaimed Water (Size NFV)	Pinellas Co.	Asphalt
EDO118	1239226.50	414429.37	41+68.02	22.10' RT	3.78'	10.0'	-6.2'	Electronic Depth Only - Water	Pinellas Co.	Asphalt
VVH119	1239250.95	414430.92	41+92.44	20.09' RT	3.17'	1.90'	1.27'	6" Polyethylene Water	Pinellas Co.	Asphalt
VVH120	1239228.83	414429.60	41+70.36	21.99' RT	3.71'	6.54'	-2.83'	Sanitary Sewer (Size/Material NFV)	Pinellas Co.	Asphalt
VVH121	1239824.09	414097.68	48+44.19	12.74' RT	4.90'	2.31'	2.59'	6" Polyethylene Gas Main (Orange)	TECO Peoples Gas	Asphalt
VVH135	1239283.77	414411.13	42+19.53	11.44' RT	3.18'	1.88'	1.30'	2" Polyethylene Water (Blue)	Pinellas Co.	Asphalt
VVH136	1239453.32	414310.37	44+16.75	9.77' RT	3.51'	2.95'	0.56'	4" PVC Reclaimed Water (Purple)	Pinellas Co.	Asphalt
VVH137	1239478.00	414296.56	44+45.03	10.27' RT	3.66'	1.77'	1.89'	6" Cast Iron Water Main	Pinellas Co.	Asphalt
VVH138	1239709.86	414159.95	47+14.13	9.02' RT	4.43'	3.35'	1.08'	6" PVC Reclaimed Water	Pinellas Co.	Asphalt
VVH209	1236898.73	415108.26	15+99.66	26.75' RT	4.42'	2.72'	1.70'	8" Cast Iron Water	Pinellas Co.	Soil
VVH210	1236906.62	415115.76	16+02.87	37.05' RT	4.62'	2.75'	1.87'	8" Cast Iron Water	Pinellas Co.	Soil
VVH211	1237131.31	414919.39	18+94.75	13.62' LT	6.36'	2.87'	3.49'	12" Cast Iron Reclaimed Water	St. Pete Beach	Asphalt
VVH212	1238856.78	414342.64	37+90.59	10.92' LT	3.52'	1.66'	1.86'	Concrete Cap - Gas	N/A	N/A
EDO213	1238855.38	414342.59	37+89.26	10.91' LT	3.53'	4.00'	-0.47'	Electronic Depth Only - Gas	TECO	Asphalt
VVH214	1238833.46	414318.32	37+69.59	35.19' LT	3.45'	5.24'	-1.79'	Ductile Iron Water (Size NFV)	Pinellas Co.	Asphalt
VVH215	1239406.56	414306.14	43+78.48	17.43' LT	4.13'	2.18'	1.95'	6" Polyethylene Gas (Yellow)	TECO	Soil
VVH216	1239414.55	414314.23	43+81.31	6.41' LT	3.40'	3.56'	-0.16'	16" Ductile Iron Reclaimed Water	St. Pete Beach	Asphalt

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		TEST HOLE DATA	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		
								137 Page 389 of 448

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



CITY OF ST. PETE BEACH

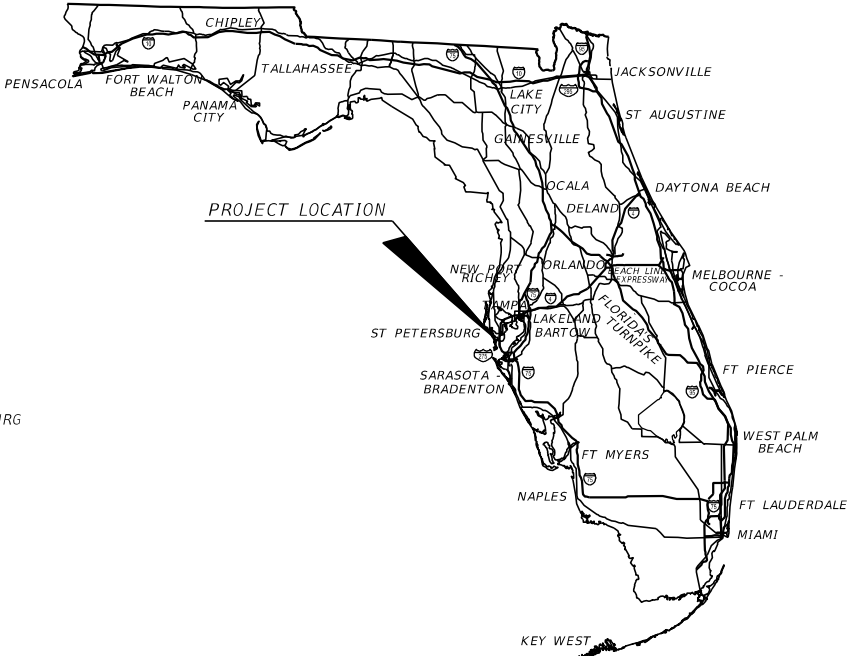
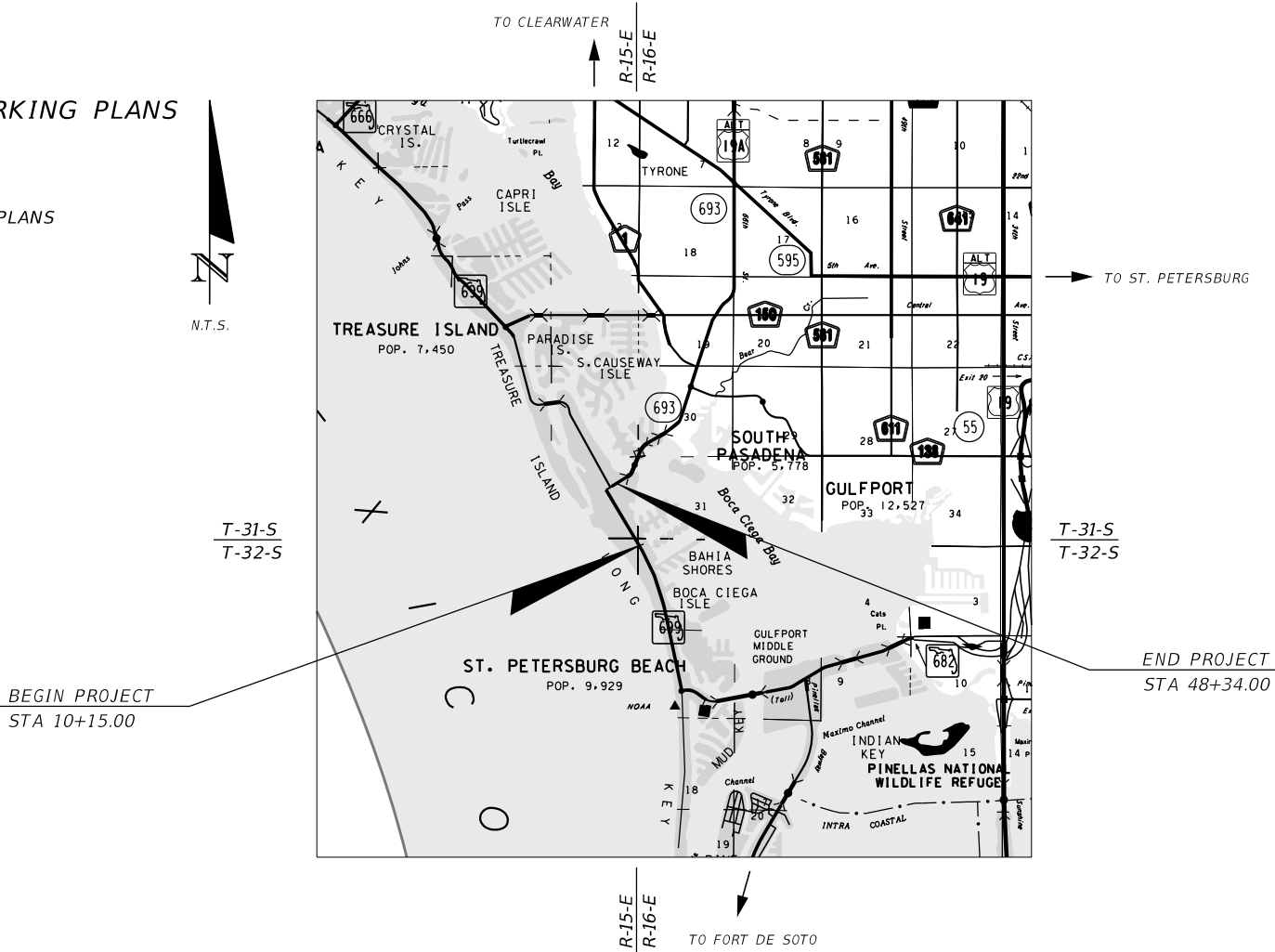
GULF WINDS DRIVE IMPROVEMENTS

FROM GULF BLVD TO 73RD AVE

GULF BLVD. (STATE ROAD 699), POSTED SPEED: 35 MPH, MILE POST 1.766
FDOT HIGHWAY SEGMENT # 15 100 000
FDOT ACCESS PERMIT: 2022-C-799-00015
FDOT DRAINAGE PERMIT: 2022-D-799-000xx

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2 - S-3	TABULATION OF QUANTITIES
S-4 - S-17	SIGNING AND PAVEMENT MARKING PLANS



SIGNING AND PAVEMENT MARKING PLANS

ENGINEER OF RECORD:

JOHN SEALS, P.E. NO.: 51505
KIMLEY-HORN AND ASSOCIATES
201 NORTH FRANKLIN STREET, SUITE 1400
TAMPA, FL. 33602
(813) 620-1460

GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs) at the following website:
<http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY2023-24 Standard Specifications for Road and Bridge Construction at the following website:
<http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

Pinellas County Supplemental Specifications for Roadway and General Construction (April 2022).

SITE LOCATION MAP

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

NOVEMBER 17, 2023
100% PLANS

PLANS PREPARED BY:

Kimley»Horn

KIMLEY-HORN AND ASSOCIATES, INC.
CONSULTING ENGINEERS AND PLANNERS
201 NORTH FRANKLIN STREET, SUITE 1400
TAMPA, FLORIDA 33602
PHONE (813) 620-1460

REGISTRY NO.: 35106

SHEET NO.

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

TABULATION OF SIGNING AND PAVEMENT MARKING QUANTITIES																				
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S-4		S-5		S-6		S-7		S-8		S-9		S-10					
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
700-1-11	SINGLE POST SIGN, F&I, GROUND MOUNT, UP TO 12 SF	AS	1		1		2		3						4		11		27	
700-1-12	SINGLE POST SIGN, F&I, GROUND MOUNT, 12-20 SF	AS					1		1						1		3		7	
700-1-60	SINGLE POST SIGN, REMOVE	AS			3		3		6						6		18		42	
700-3601	SIGN PANEL, REMOVE, UP TO 12 SF	EA			1						1		2		1		5		7	
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	21		14		12		18		8		14		16		103		197	
710-11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.110		0.100		0.160		0.130		0.170		0.210		0.170		1.1		2.120	
710-11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	LF	24														24		24	
710-11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	173		65		25		312						178		753		1302	
710-11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	6														6		6	
710-11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	149		43		23		275						155		645		1124	
710-11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	0.020		0.020												0.0		0.040	
710-11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2		1		1		1		2				4		11		26	
710-11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROW	EA	4														4		4	
710-11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.090		0.100		0.100		0.100		0.080		0.110		1.000		1.6		2.140	
710-11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	8														8		8	
711-11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	LF	24														24		24	
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF	173		65		25		312						178		753		1302	
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	6														6		6	
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	149		43		23		275						155		645		1124	
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2		1		1		1		2				4		11		26	
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA	4														4		4	
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF	8														8		8	
711-16-101	THERMOPLASTIC, STANDARD - OTHER SURFACES, WHITE, SOLID, 6"	GM	0.110		0.100		0.160		0.130		0.170		0.210		0.170		1.1		2.120	
711-16-131	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM	0.020		0.020												0.0		0.040	
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.090		0.100		0.100		0.100		0.080		0.110		0.100		0.7		1.240	
920-714-100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF	105														105		105	

NOTES:

BLUE RPM'S TO BE PLACED ADJACENT TO ALL FIRE HYDRANTS PER FDOT INDEX 706-001.

PAY ITEM NOTES:

700-1-11 AND 700-1-12: FURNISH AND INSTALL SINGLE POST SIGN WITH FLUTED POST, CAP AND BASE. SIGN PANELS TO HAVE ALUMINUM FRAME AND BACK. STREET NAME SIGNS TO BE MOUNTED ON CAST ALUMINUM SCROLL BRACKET. MANUFACTURER: EAGLE SIGN & DESIGN (OR APPROVED EQUIVALENT)

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		Page 391 of 448

TABULATION OF SIGNING AND PAVEMENT MARKING QUANTITIES																				
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S - 11		S - 12		S - 13		S - 14		S - 15		S - 16		S - 17					
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
700-1-11	SINGLE POST SIGN, F&I, GROUND MOUNT, UP TO 12 SF	AS			2		4				3		4		3		16		27	
700-1-12	SINGLE POST SIGN, F&I, GROUND MOUNT, 12-20 SF	AS					1				2				1		4		7	
700-1-60	SINGLE POST SIGN, REMOVE	AS	1		3		5				5		4		6		24		42	
700-3601	SIGN PANEL, REMOVE, UP TO 12 SF	EA			1		1										2		7	
706-1-3	RAISED PAVEMENT MARKER, TYPE B	EA	14		16		14		12		12		16		10		94		197	
710-11-101	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.210		0.170		0.180		0.170		0.140		0.150		0.050		1.1		2.120	
710-11-102	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	LF																	24	
710-11-123	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF			21		120				115		86		207		549		1302	
710-11-124	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF																	6	
710-11-125	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF			27		116				91		87		158		479		1124	
710-11-131	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM																	0.040	
710-11-160	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2				3				4		4		2		15		26	
710-11-170	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, ARROW	EA																	4	
710-11-201	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.100		0.100		0.080		0.080		0.070		0.090		0.040		0.6		2.140	
710-11-224	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF																	8	
711-11-102	THERMOPLASTIC, STANDARD, WHITE, SOLID, 8" FOR INTERCHANGE AND URBAN ISLAND	LF																	24	
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK AND ROUNDABOUT	LF			21		120				115		86		207		549		1302	
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF																	6	
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF			27		116				91		87		158		479		1124	
711-11-160	THERMOPLASTIC, STANDARD, WHITE, MESSAGE OR SYMBOL	EA	2				3				4		4		2		15		26	
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA																	4	
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18" FOR DIAGONALS AND CHEVRONS	LF																	8	
711-16-101	THERMOPLASTIC, STANDARD - OTHER SURFACES, WHITE, SOLID, 6"	GM	0.210		0.170		0.180		0.170		0.140		0.150		0.050		1.1		2.120	
711-16-131	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6", 10-30 SKIP OR 3-9 LANE DROP	GM																	0.040	
711-16-201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.100		0.100		0.080		0.080		0.070		0.090		0.040		0.6		1.240	
920-714-100	GREEN COLORED PAVEMENT MARKINGS, BIKE LANE	SF																	105	

NOTES:

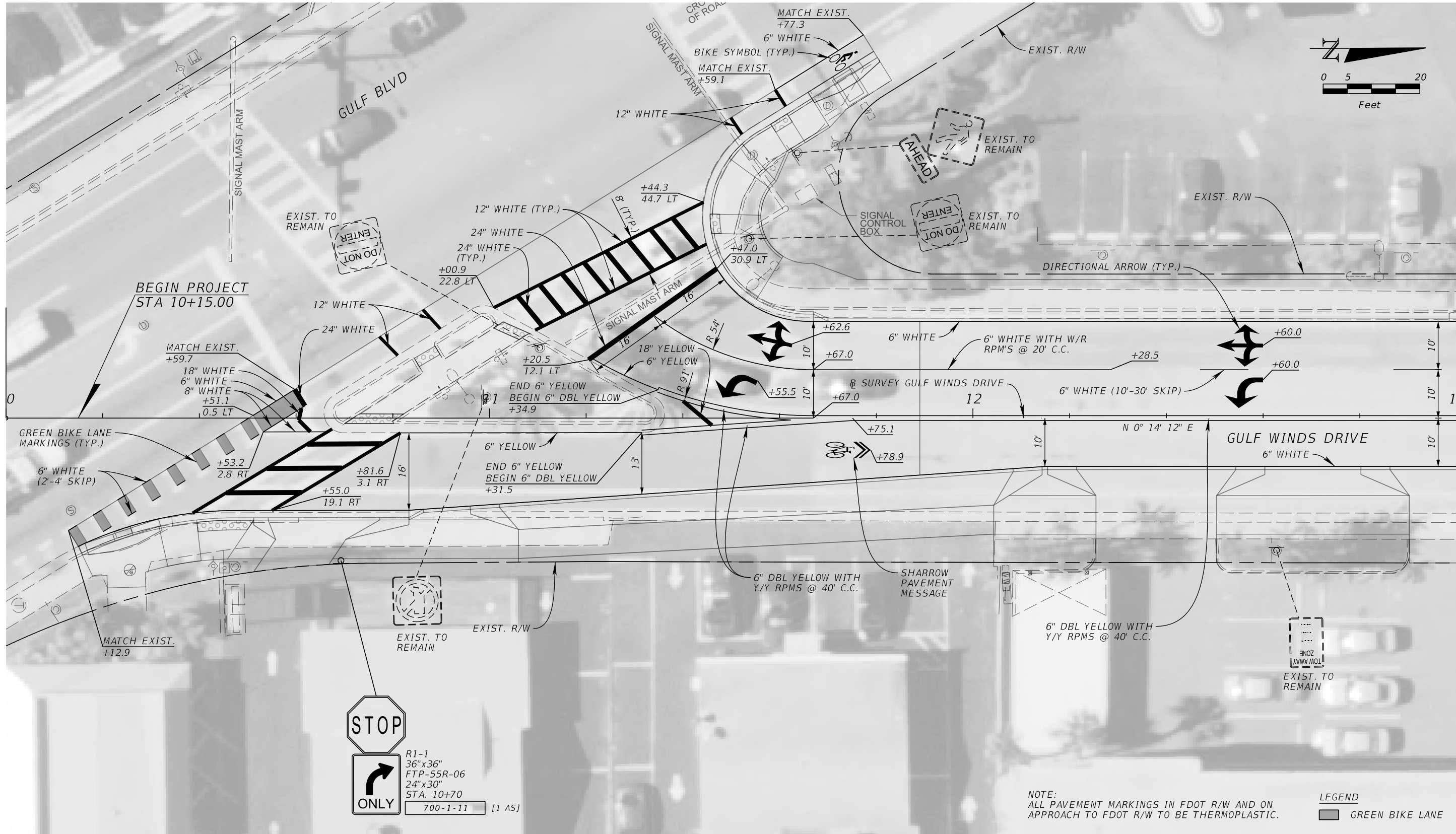
BLUE RPM'S TO BE PLACED ADJACENT TO ALL FIRE HYDRANTS PER FDOT INDEX 706-001.

PAY ITEM NOTES:

700-1-11 AND 700-1-12: FURNISH AND INSTALL SINGLE POST SIGN WITH FLUTED POST, CAP AND BASE. SIGN PANELS TO HAVE ALUMINUM FRAME AND BACK. STREET NAME SIGNS TO BE MOUNTED ON CAST ALUMINUM SCROLL BRACKET. MANUFACTURER: EAGLE SIGN & DESIGN (OR APPROVED EQUIVALENT)

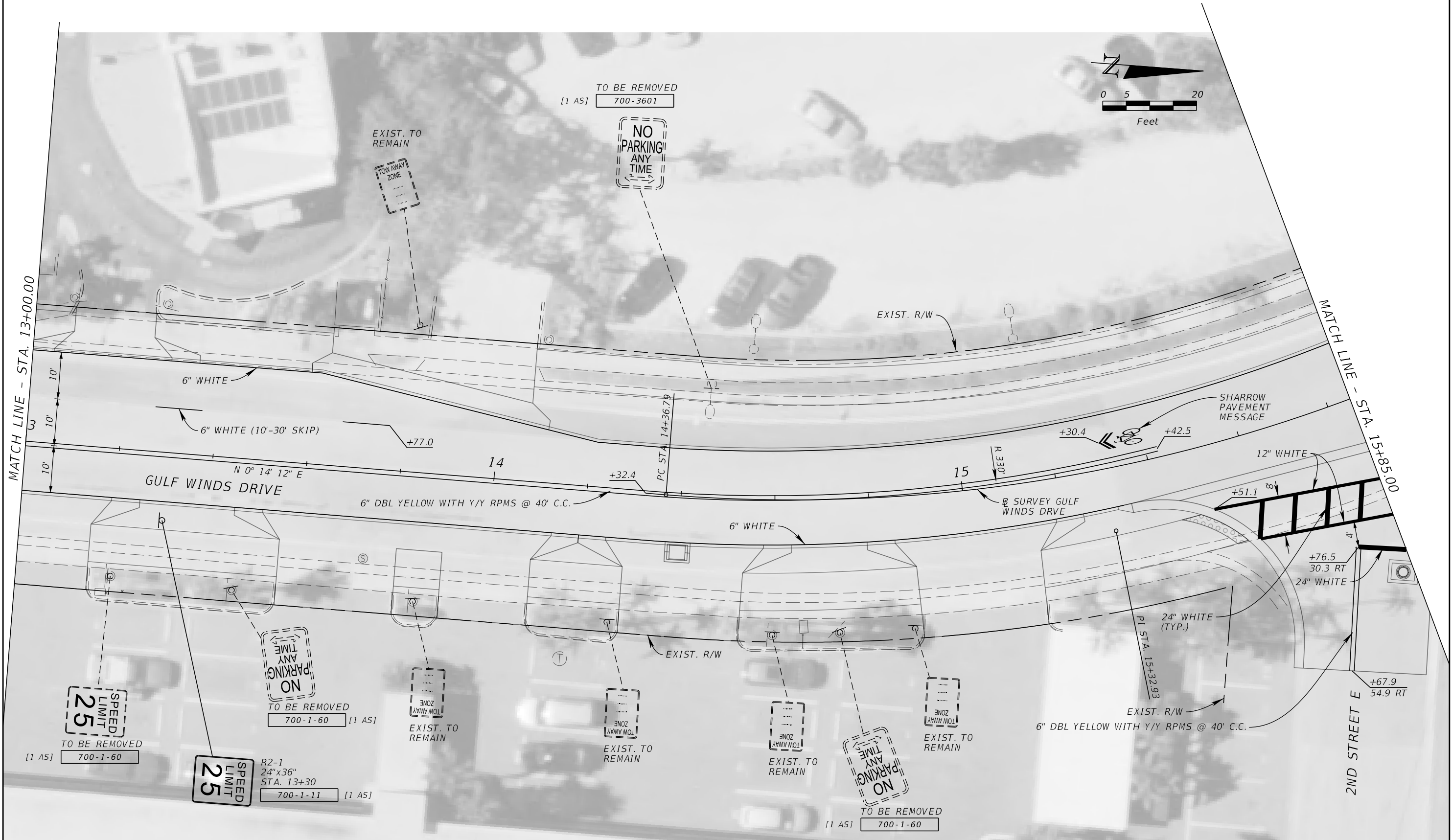
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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



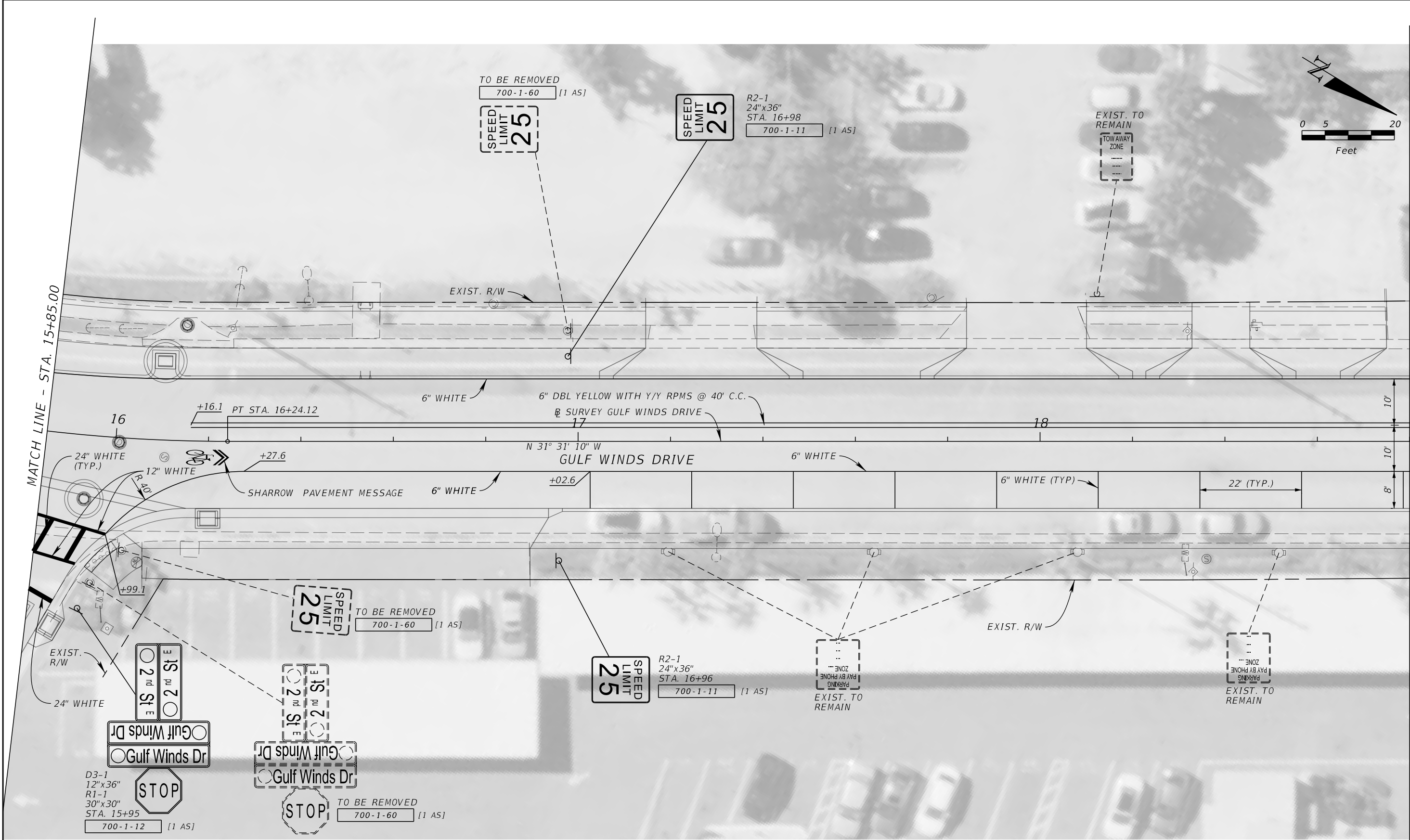
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (1)	SHEET NO. 5-4 Page 393 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (2)	SHEET NO. 55
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

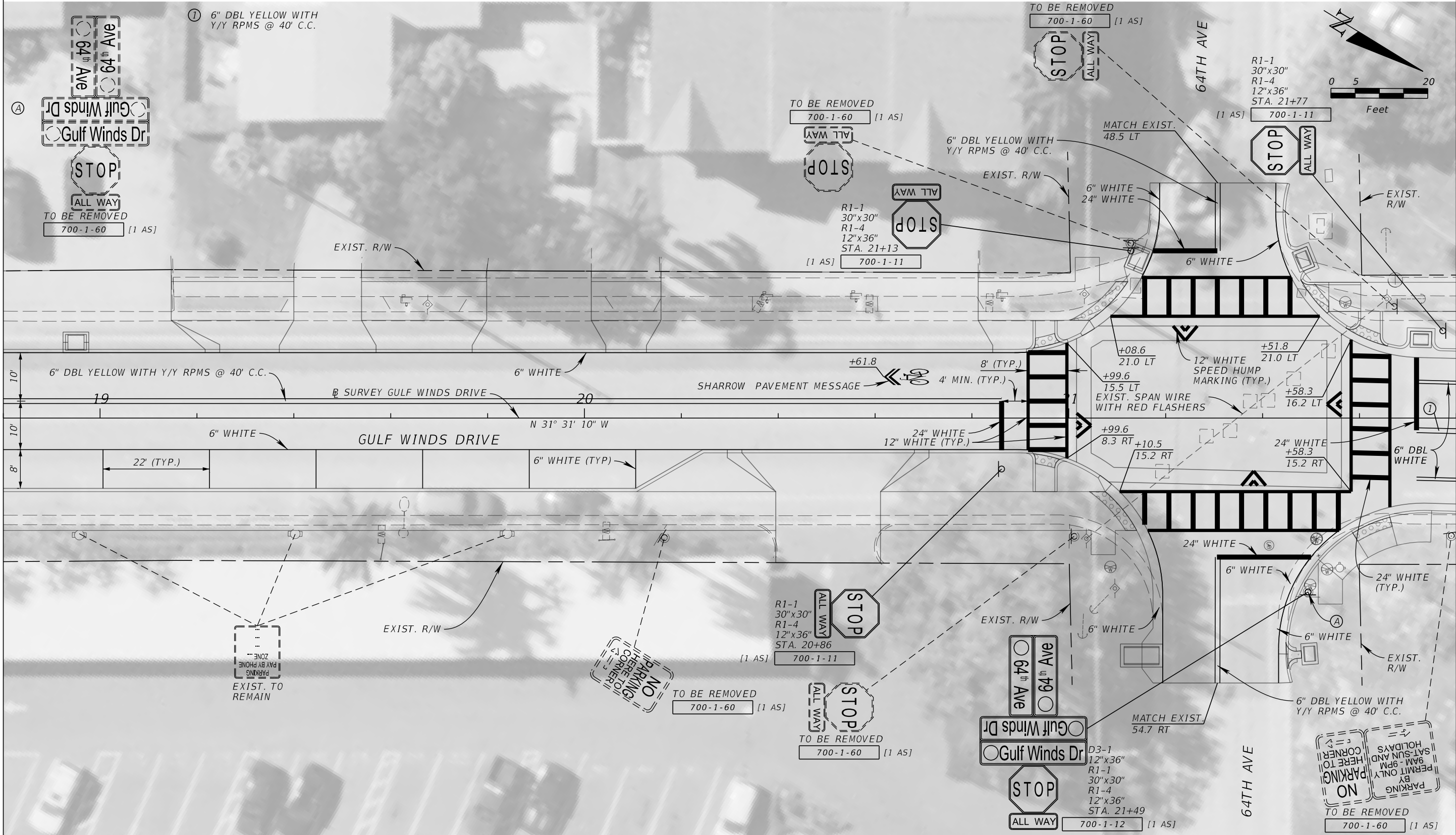
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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

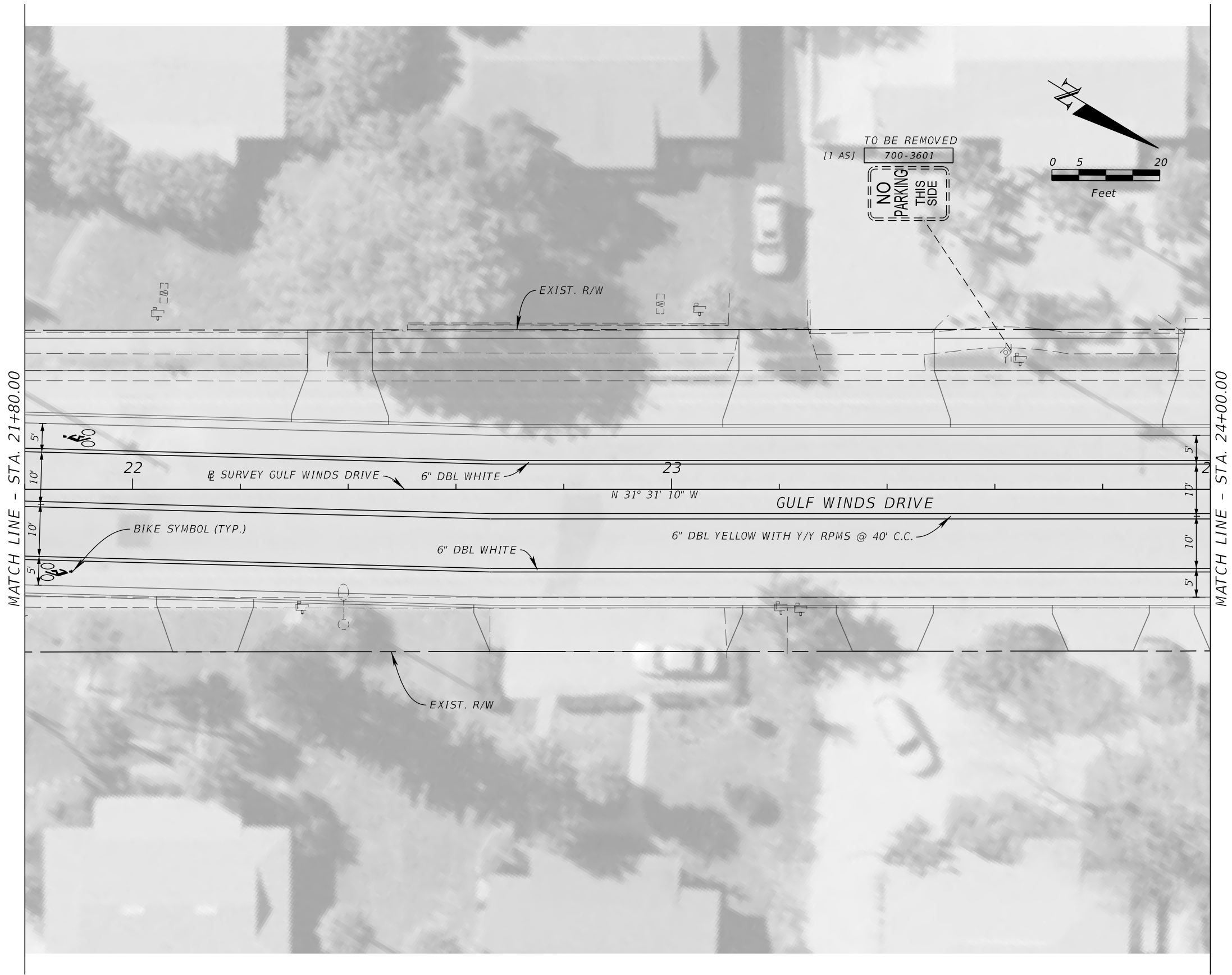
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MATCH LINE - STA. 18+80.00



MATCH LINE - STA. 21+80.00

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (4)	SHEET NO. Page 57 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (5)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		Page 397 of 448

MATCH LINE - STA. 24+00.00

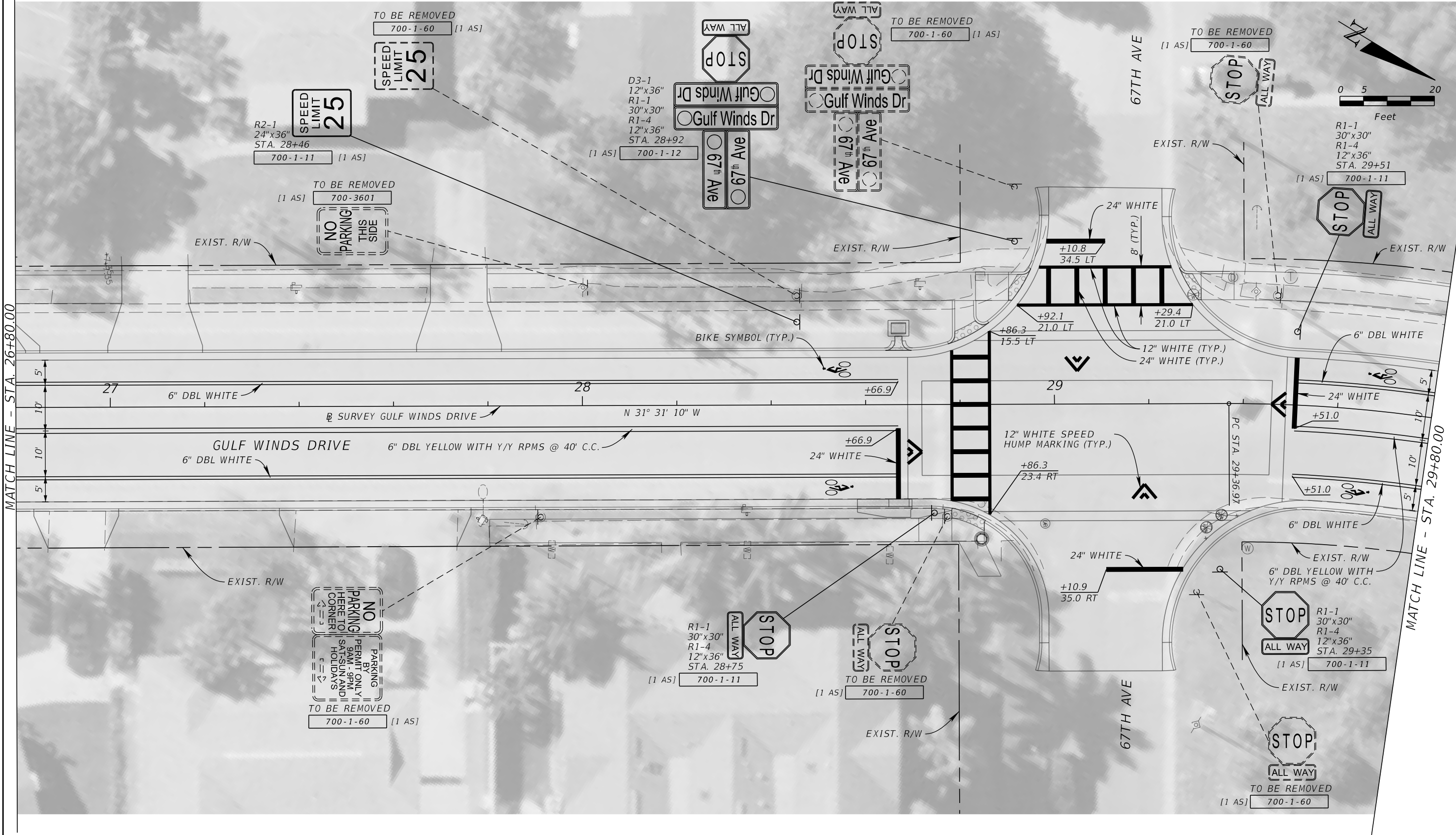


MATCH LINE - STA. 26+80.00

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (6)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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MATCH LINE - STA. 26+80.00



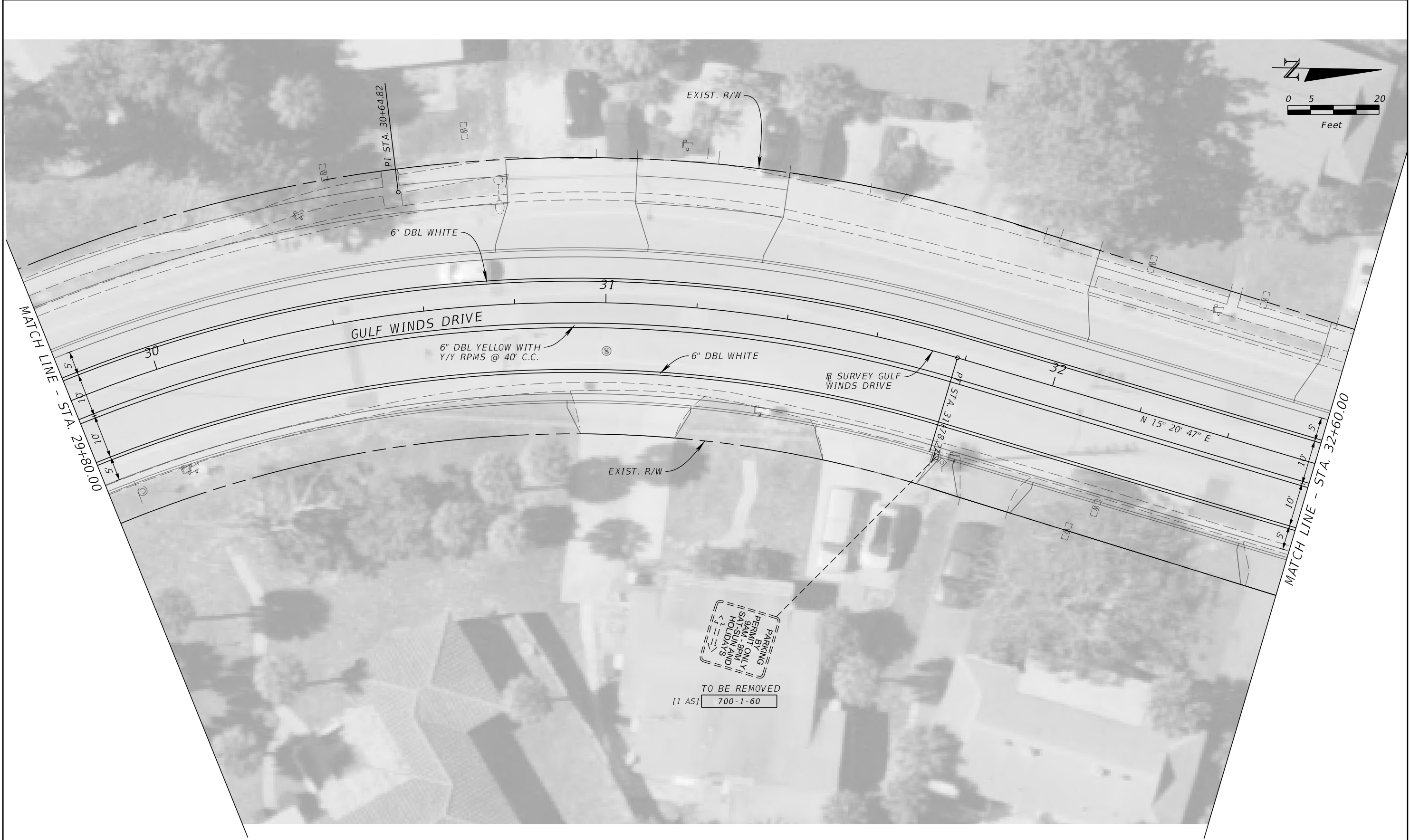
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN R. SEALS, P.E.
P.E. LICENSE NUMBER 51505
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

GULF WINDS DRIVE IMPROVEMENTS PROJECT	
CITY OF	COUNTY
ST. PETE BEACH	PINELLAS

SIGNING AND PAVEMENT MARKING PLAN (7)	

SHEET NO.
S-10 Page 399 of 448



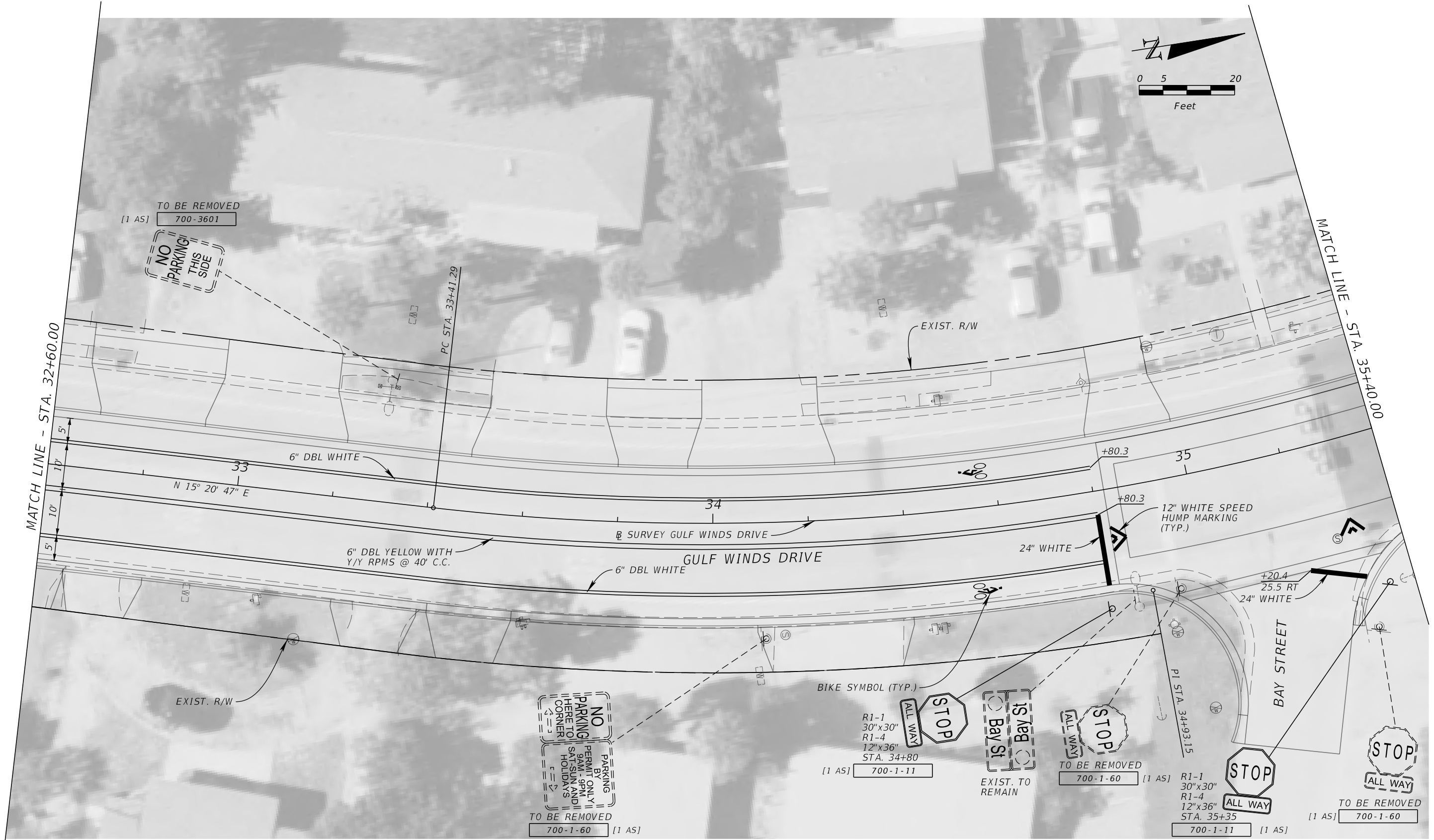
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (8)		SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION							
					CITY OF ST. PETE BEACH	COUNTY PINELLAS				

robert.myers

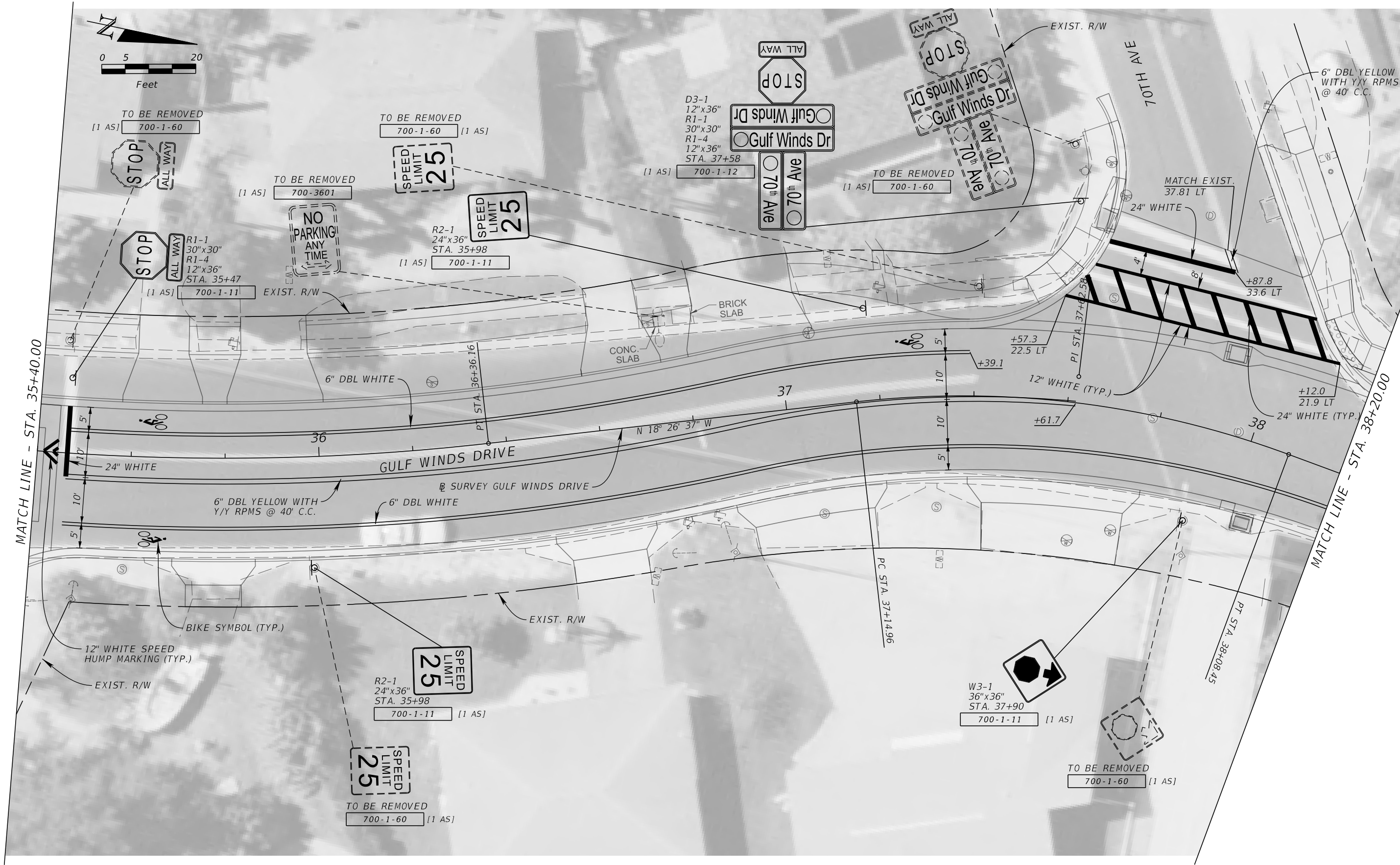
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NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (9)	SHEET NO. S-12 Page 401 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHN R. SEALS, P.E.
P.E. LICENSE NUMBER 51505
KIMLEY-HORN AND ASSOCIATES, INC.
201 N FRANKLIN STREET, SUITE 1400
TAMPA, FL 33602

GULF WINDS DRIVE IMPROVEMENTS PROJECT	
CITY OF	COUNTY
ST. PETE BEACH	PINELLAS

SIGNING AND PAVEMENT MARKING PLAN (10)	
S-13	
Page 402 of 448	

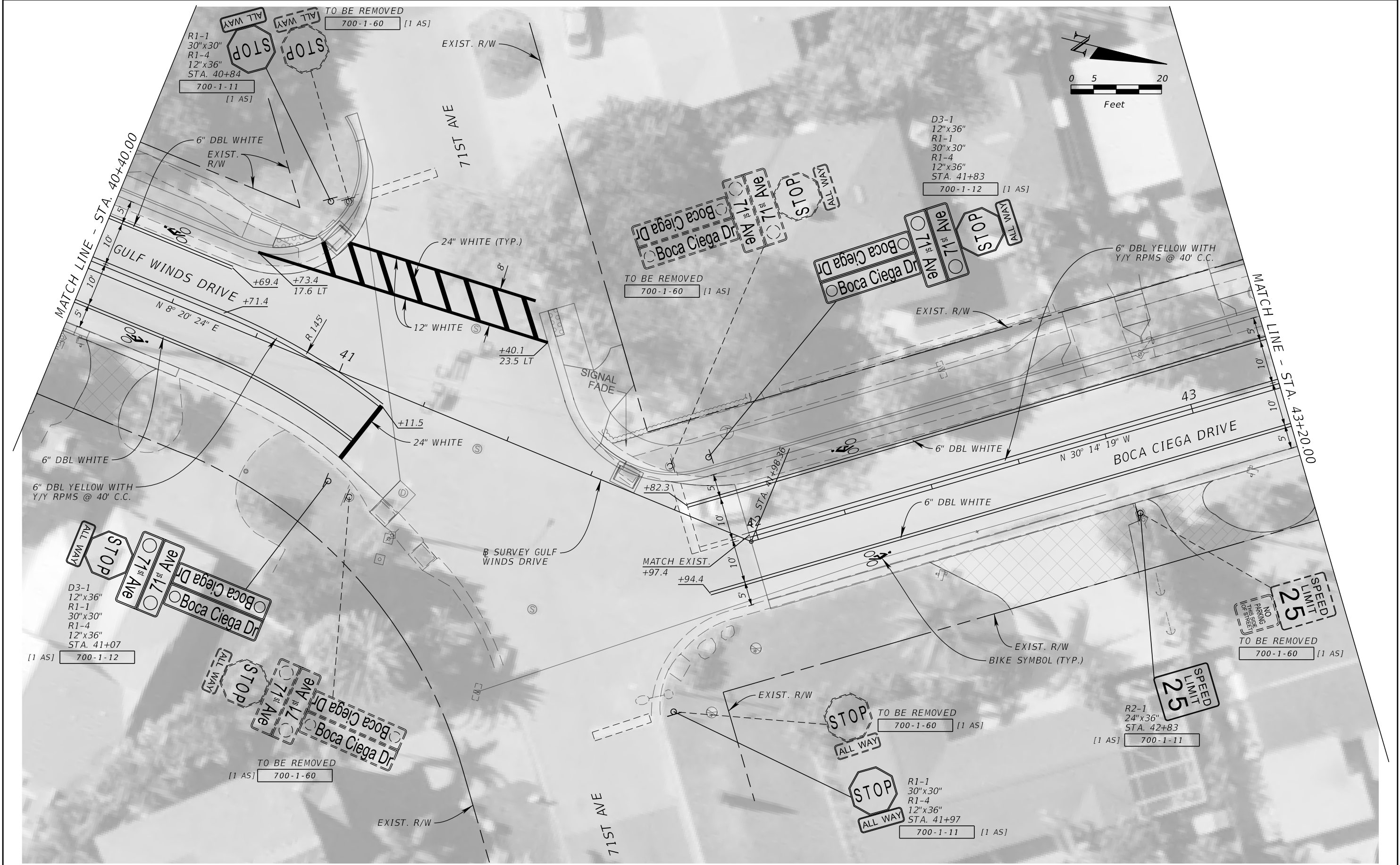
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448

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



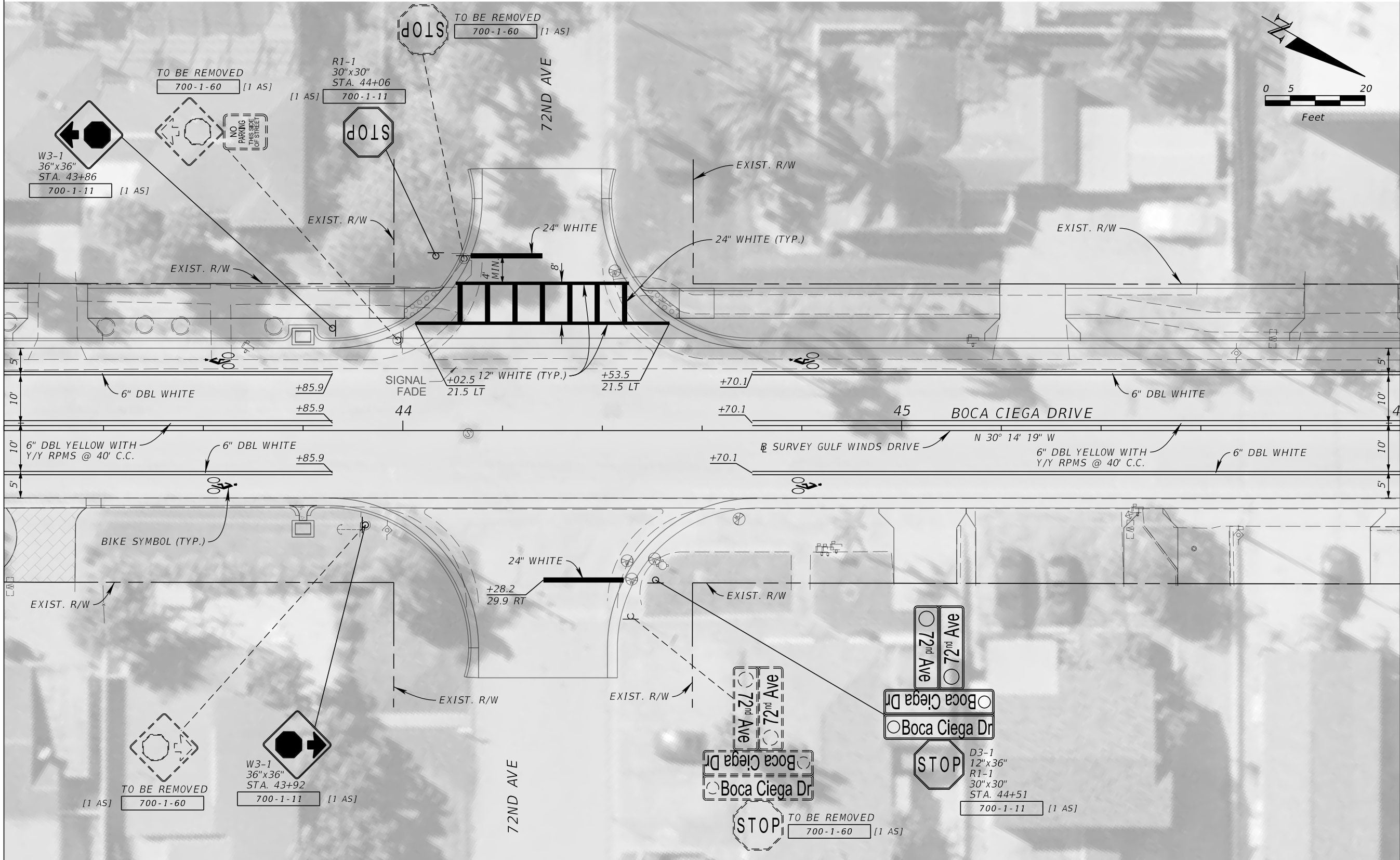
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (11)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		S-14 Page 403 of 448

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



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (12)	SHEET NO. S-15 Page 404 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

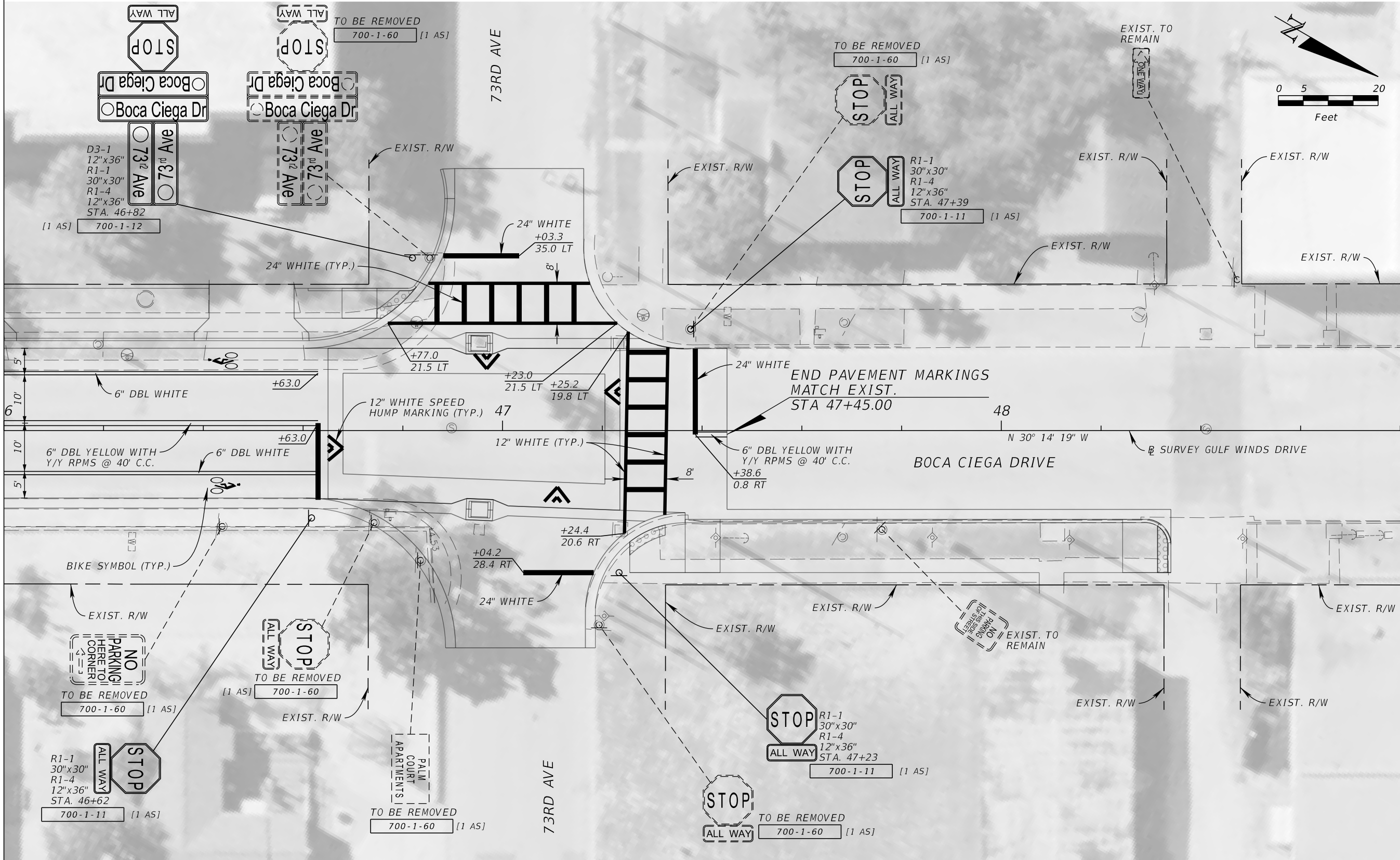
MATCH LINE - STA. 43+20.00



MATCH LINE - STA. 46+00.00

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (13)	SHEET NO. S-16 Page 405 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

MATCH LINE - STA. 46+00.00



REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		SIGNING AND PAVEMENT MARKING PLAN (14)	SHEET NO. S-17 Page 406 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



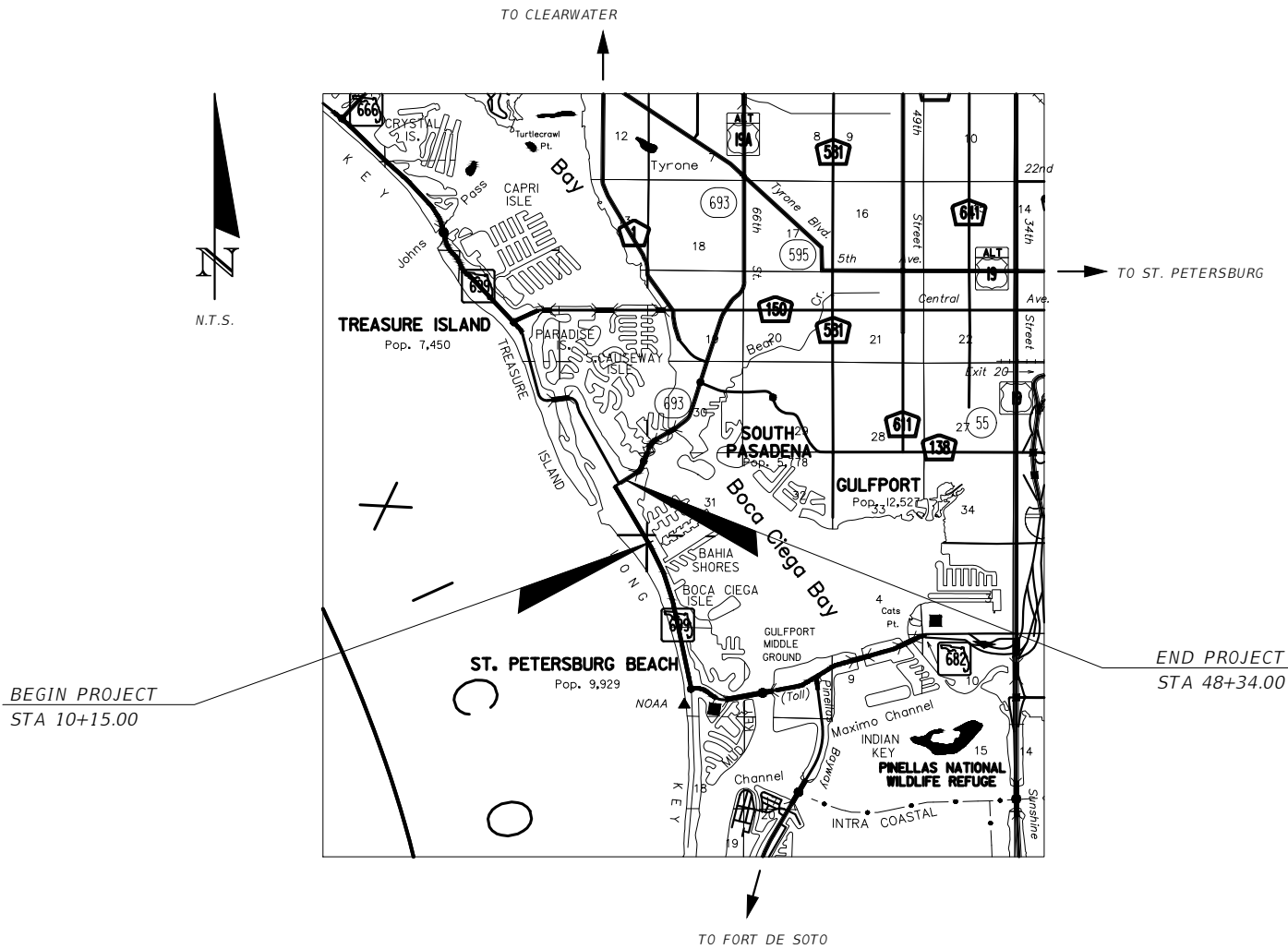
CITY OF ST. PETE BEACH

GULF WINDS DRIVE IMPROVEMENTS

FROM GULF BLVD TO 73RD AVE

INDEX OF LANDSCAPE PLANS

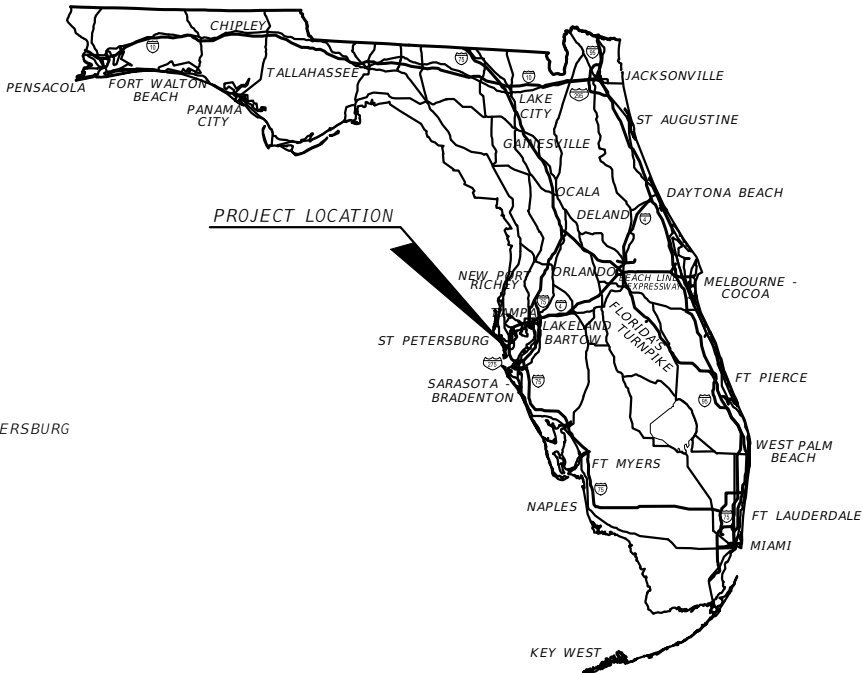
SHEET NO.	SHEET DESCRIPTION
L-00	KEY SHEET
L-100	PROJECT LAYOUT
L-101	LANDSCAPE PLAN
L-102	LANDSCAPE PLAN
L-103	LANDSCAPE PLAN
L-104	LANDSCAPE PLAN
L-105	LANDSCAPE PLAN
L-106	LANDSCAPE PLAN
L-107	LANDSCAPE PLAN
L-108	LANDSCAPE PLAN
L-109	LANDSCAPE PLAN
L-110	LANDSCAPE PLAN
L-111	LANDSCAPE PLAN
L-112	LANDSCAPE PLAN
L-113	LANDSCAPE PLAN
L-114	LANDSCAPE PLAN
L-115	LANDSCAPE SCHEDULE
L-150	LANDSCAPE NOTES
L-151	LANDSCAPE NOTES
L-152	LANDSCAPE NOTES
L-153	LANDSCAPE NOTES
L-154	LANDSCAPE DETAILS



SITE LOCATION MAP

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

NOVEMBER 16, 2023
100% PLANS



LANDSCAPE PLANS LANDSCAPE ARCHITECT OF RECORD:

JENNIFER L. DAULAS, P.L.A. NO.: 6667369
KIMLEY-HORN AND ASSOCIATES
200 CENTRAL AVENUE, SUITE 600
ST. PETERSBURG, FL 33701

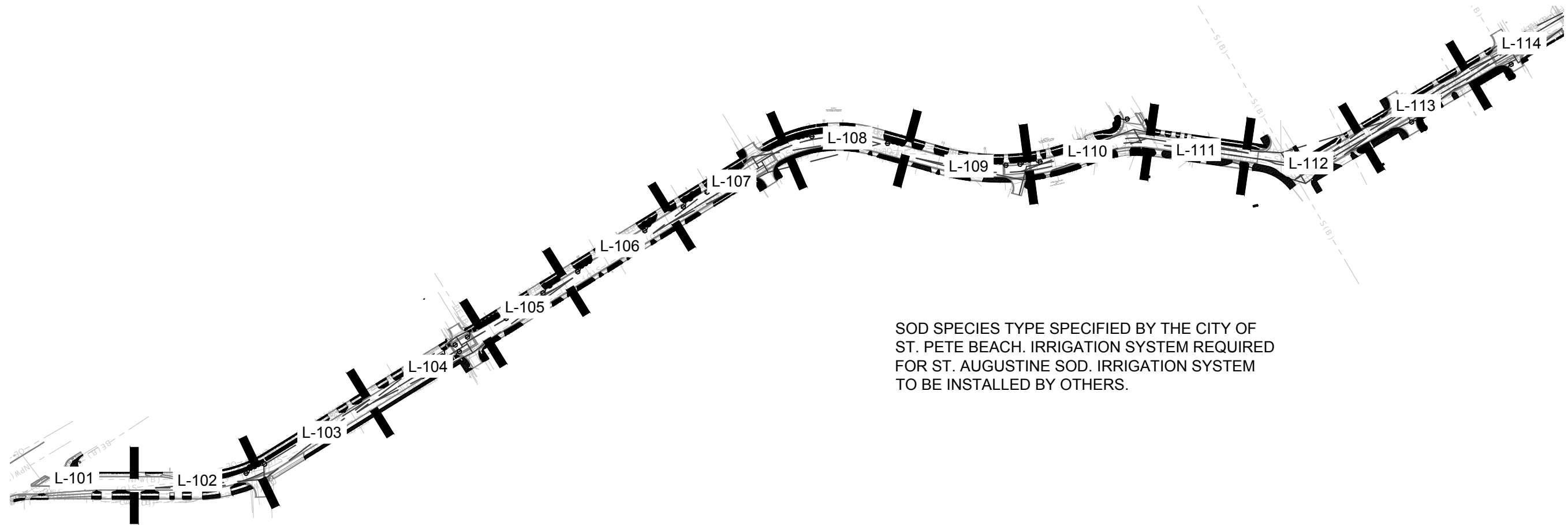
PLANS PREPARED BY:

Kimley»Horn

KIMLEY-HORN AND ASSOCIATES, INC.
CONSULTING ENGINEERS AND PLANNERS
200 CENTRAL AVENUE, SUITE 600
ST. PETERSBURG, FL 33701
PHONE: 727-547-3999
REGISTRY NO. 35106

SHEET
NO.

L-00



SOD SPECIES TYPE SPECIFIED BY THE CITY OF ST. PETE BEACH. IRRIGATION SYSTEM REQUIRED FOR ST. AUGUSTINE SOD. IRRIGATION SYSTEM TO BE INSTALLED BY OTHERS.

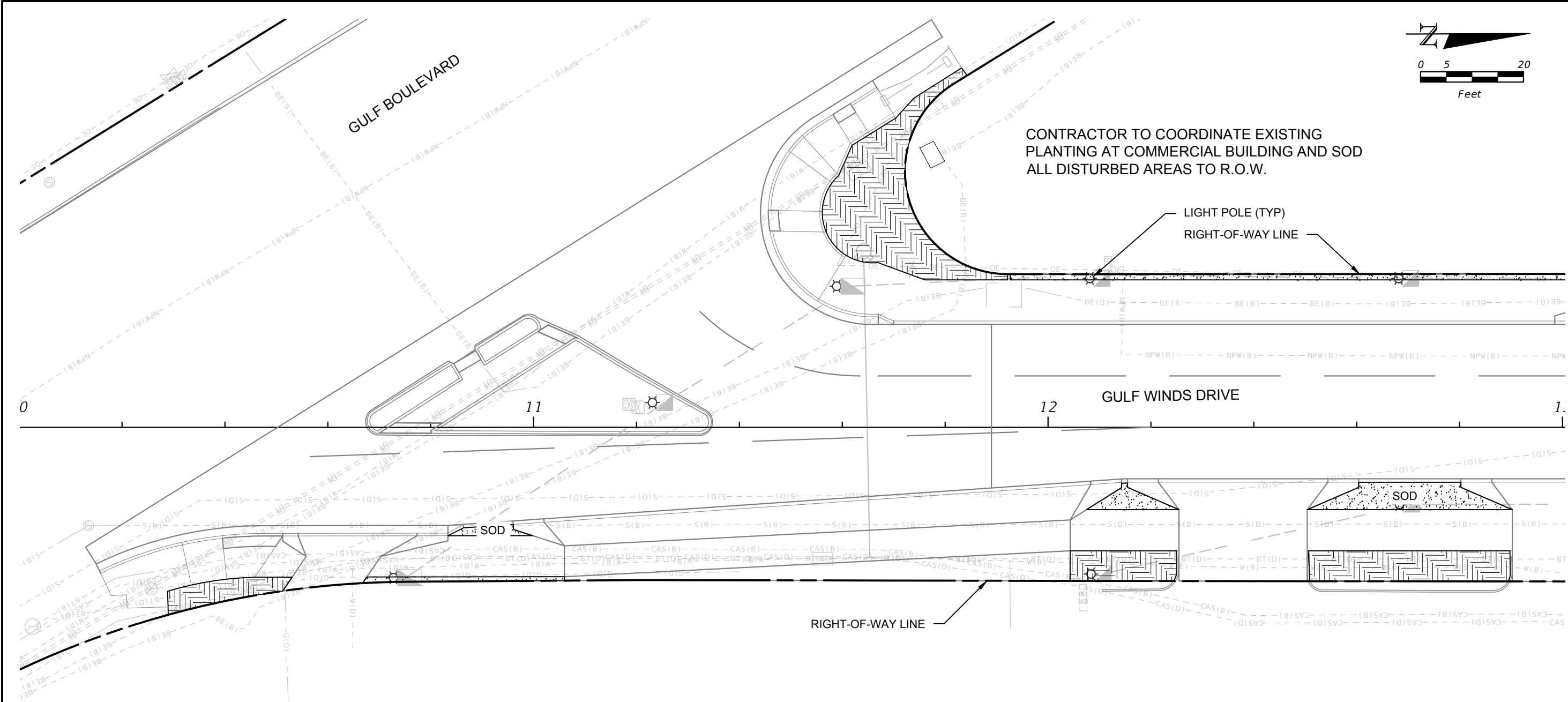
NOTES:

- 1. ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.
- 2. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO FIELD ADJUST ALL PLANT MATERIAL.
- 3. ALL QUANTITIES PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES PER PLAN PRIOR TO BIDDING AND CONSTRUCTION.
- 4. CONTRACTOR SHALL SOD TO LIMITS OF DISTURBANCE, INCLUDING ANY DISTURBANCE WITHIN RIGHT-OF-WAY. ALL SOD TO BE NON-IRRIGATED BAHIA. CONFIRM FINAL SPECIES SELECTION WITH OWNER PRIOR TO INSTALLATION.
- 5. ALL PLANTS SHALL BE INSTALLED AND MAINTAINED IN COMPLIANCE WITH ST PETE BEACH PLANT MATERIAL STANDARDS.
- 6. REFER TO SHEETS L-151 THROUGH L-154 FOR LANDSCAPE NOTES AND DETAILS.
- 7. TREES WITHIN THE FDOT CLEAR SIGHT LIMITS TO BE INSTALLED AND SPACED PER TABLE 212.11.3 OF THE FDM.
- 8. TREES ADJACENT TO SIDEWALK SHALL MEET HORIZONTAL AND VERTICAL CLEARANCE REQUIREMENTS PER FDM 224.7 AND 224.8.
- 9. ALL PLANTS WITHIN THE LIMITS OF CLEAR SIGHT ARE TO BE MAINTAINED AT A MAXIMUM HEIGHT OF 18" (IN.) FROM THE SURFACE OF THE PAVEMENT.

NOTE:

- 1. CONTRACTOR SHALL INCLUDE A \$1,000.00 PER LANDSCAPE IRRIGATION REPAIR CONTINGENCY FOR PRIVATE IRRIGATION SYSTEMS IMPACTED BY THE PROJECT. THIS ITEM IS ONLY APPLICABLE TO PROPERTIES ALONG THE WEST SIDE OF BOCA CIEGA DRIVE BETWEEN 75TH AVENUE AND 87TH AVENUE. THERE ARE 26 PROPERTIES IN TOTAL. CONTRACTOR IS TO UTILIZE THIS CONTINGENCY TO REPAIR ANY EXISTING IRRIGATION SYSTEMS TO AN EQUAL OR BETTER THAN PRIOR CONDITION. CONTRACTOR SHALL COORDINATE WITH EACH PROPERTY OWNER OR AGENT TO ENSURE IRRIGATION SYSTEM IS PROPERLY INSTALLED AND PROVIDES ADEQUATE SPRINKLER COVERAGE FOR EXISTING AND PROPOSED PLANTINGS.

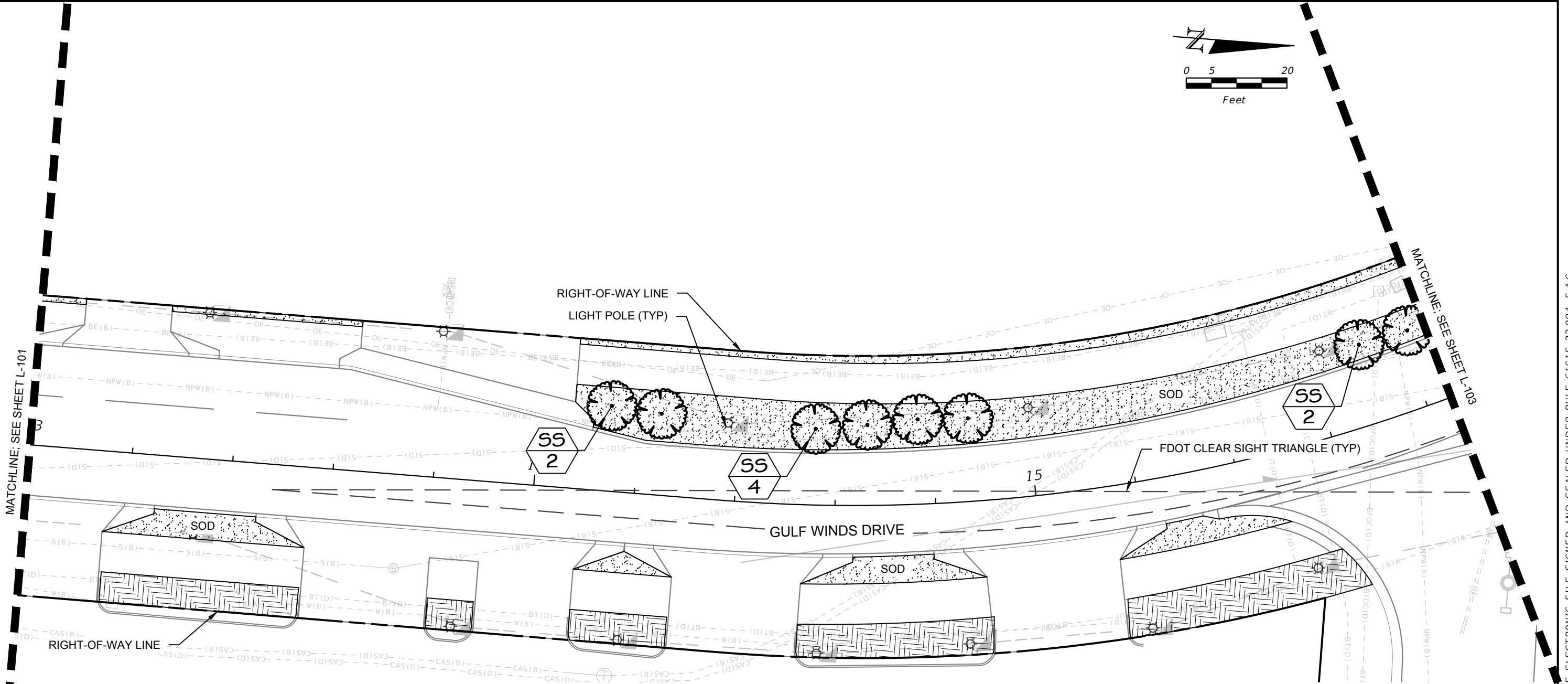
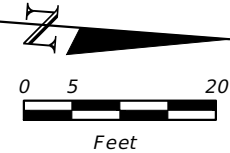
REVISIONS				JENNIFER L. DAULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE INDEX	SHEET NO. L-100
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



PLANT SYMBOL KEY

SYMBOL	CODE	COMMON NAME	GROUND COVERS
TREES			
	SS	CABBAGE PALMETTO	
SHRUBS			
	CA	AUTOGRAPH TREE	
			

REVISIONS				JENNIFER L. DAULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN	SHEET NO. L-101
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



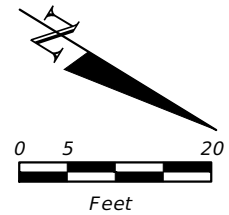
CONTRACTOR TO COORDINATE EXISTING
PLANTING AT COMMERCIAL BUILDING AND SOD
ALL DISTURBED AREAS TO R.O.W.

PLANT SYMBOL KEY

SYMBOL	CODE	COMMON NAME	GROUND COVERS	
TREES				CN DWARF NATAL PLUM
	SS	CABBAGE PALMETTO		SOD
SHRUBS				EL EXISTING LANDSCAPE TO REMAIN
	CA	AUTOGRAPH TREE		SS2 ST. AUGUSTINE GRASS

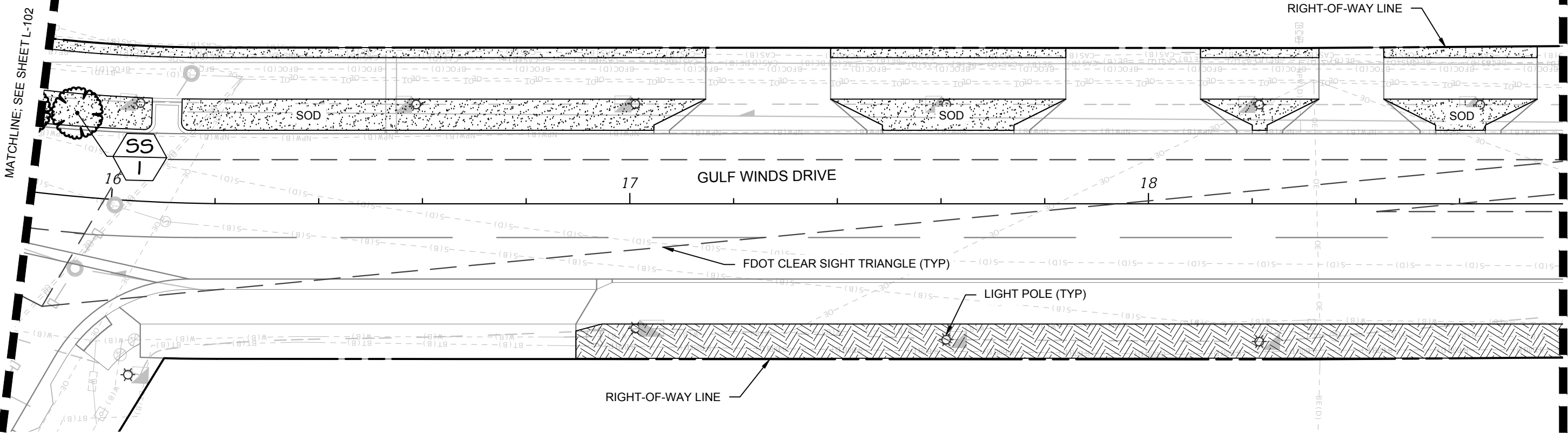
REVISIONS				JENNIFER L. DAOULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN	SHEET NO. L-102
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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CONTRACTOR TO COORDINATE EXISTING
PLANTING AT COMMERCIAL BUILDING AND SOD
ALL DISTURBED AREAS TO R.O.W.

MATCHLINE; SEE SHEET L-102



MATCHLINE; SEE SHEET L-104

PLANT SYMBOL KEY

SYMBOL	CODE	COMMON NAME	GROUND COVERS	
TREES				CN DWARF NATAL PLUM
	SS	CABBAGE PALMETTO		SOD
SHRUBS				EL EXISTING LANDSCAPE TO REMAIN
	CA	AUTOGRAPH TREE		SS2 ST. AUGUSTINE GRASS

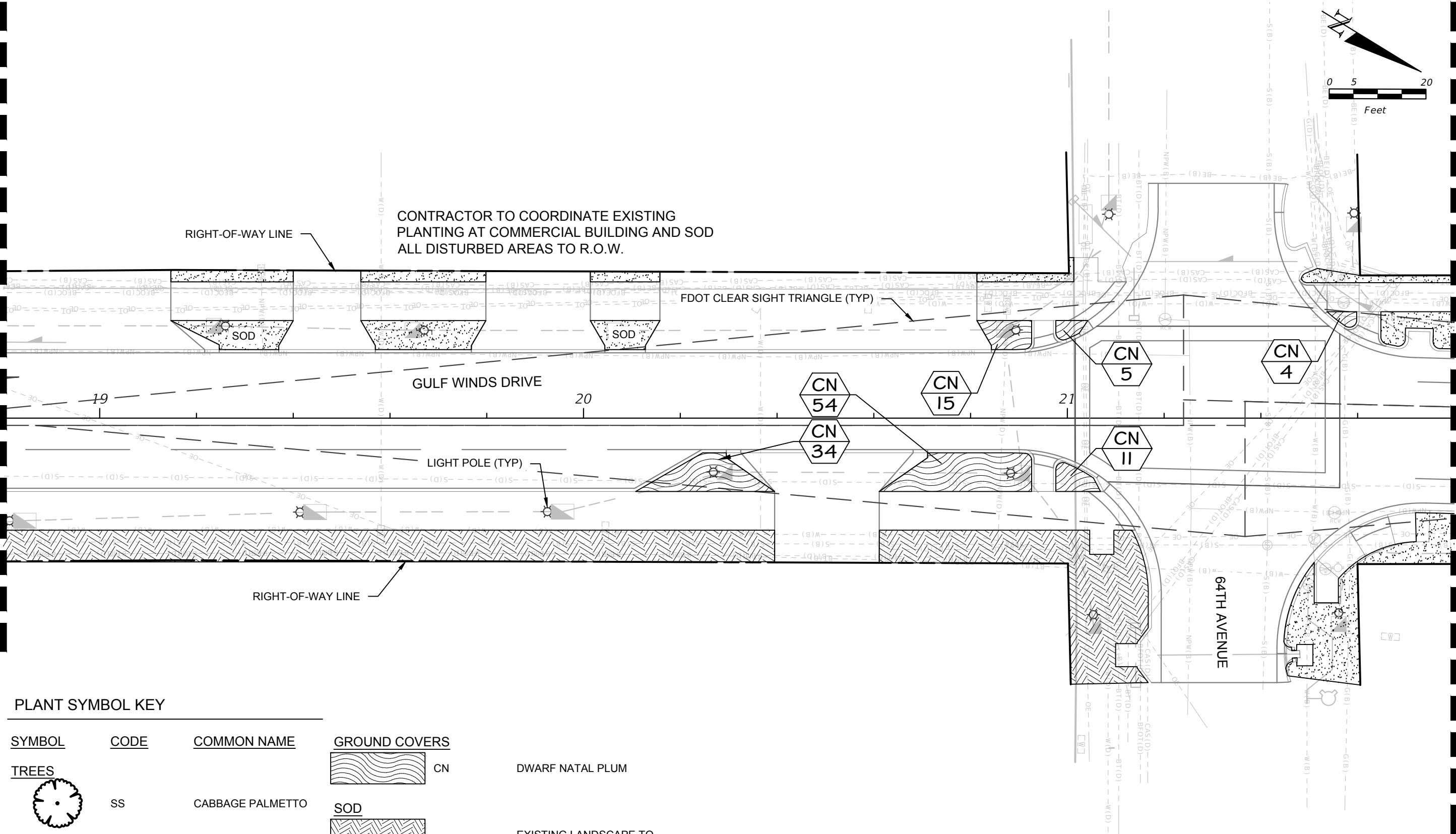
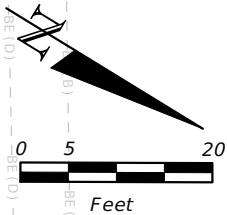
REVISIONS				JENNIFER L. DAOULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
					CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		L-103

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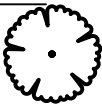
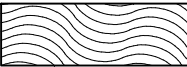
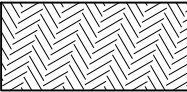
MATCHLINE: SEE SHEET L-103

MATCHLINE: SEE SHEET L-105

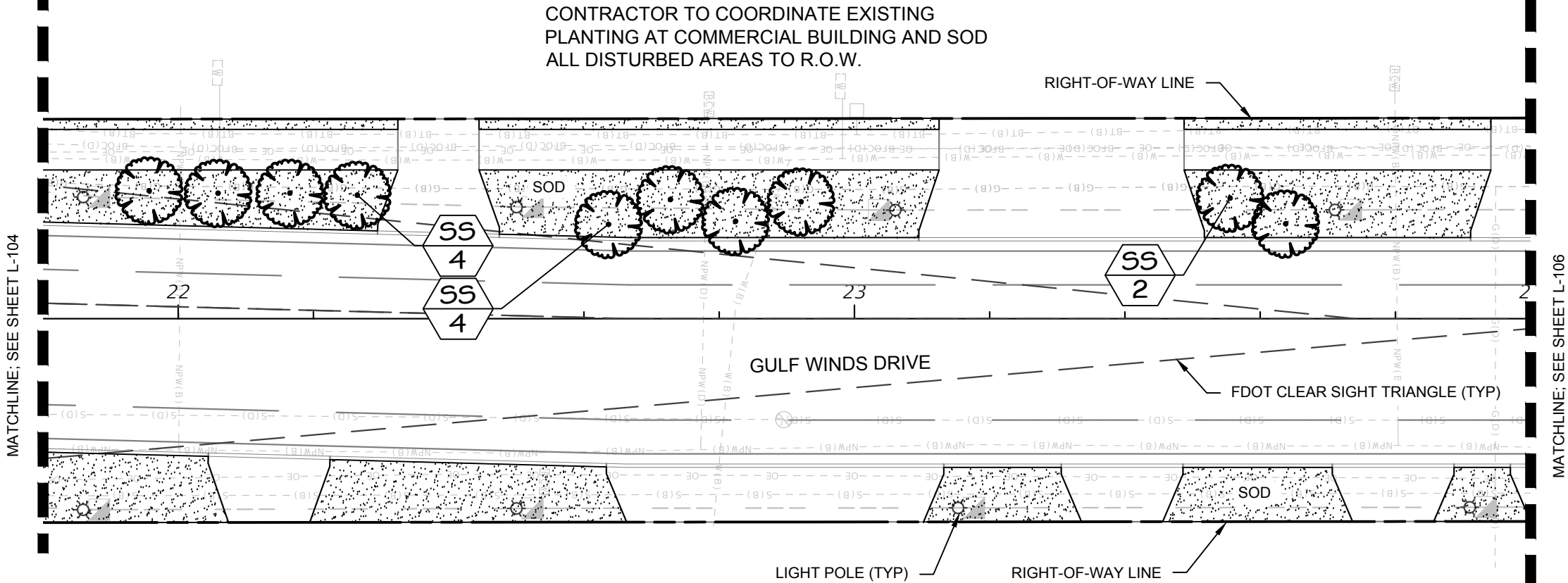
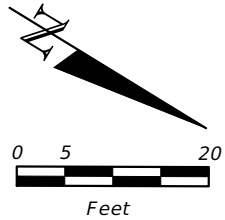
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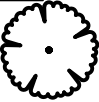
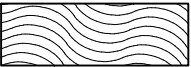
PLANT SYMBOL KEY

SYMBOL	CODE	COMMON NAME	GROUND COVERS
TREES			
	SS	CABBAGE PALMETTO	 CN DWARF NATAL PLUM
SHRUBS			
	CA	AUTOGRAPH TREE	 EL EXISTING LANDSCAPE TO REMAIN
			 SS2 ST. AUGUSTINE GRASS

REVISIONS				JENNIFER L. DAULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN	SHEET NO. L-104
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

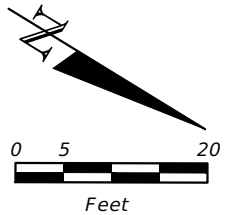


PLANT SYMBOL KEY

SYMBOL	CODE	COMMON NAME	GROUND COVERS	
<u>TREES</u> 	SS	CABBAGE PALMETTO		CN DWARF NATAL PLUM
				EL EXISTING LANDSCAPE TO REMAIN
<u>SHRUBS</u> 	CA	AUTOGRAPH TREE		SS2 ST. AUGUSTINE GRASS

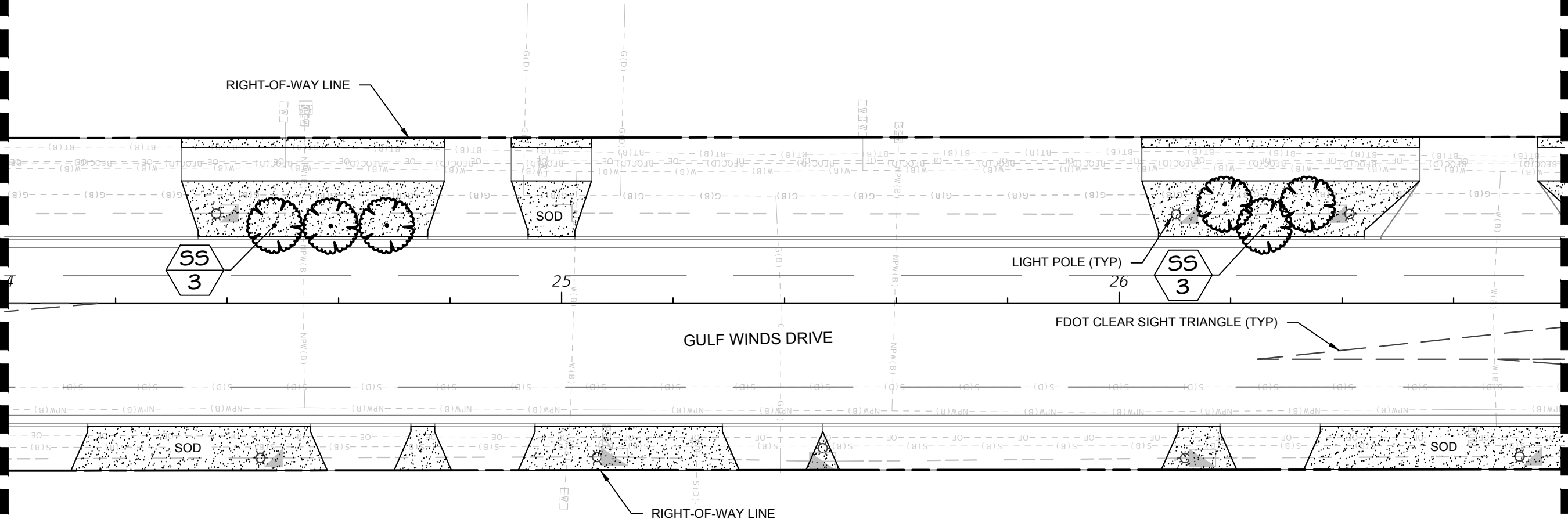
REVISIONS				JENNIFER L. DAOULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN		SHEET NO. L-105
DATE	DESCRIPTION	DATE	DESCRIPTION						
					CITY OF ST. PETE BEACH	COUNTY PINELLAS			

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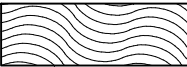
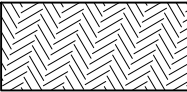


MATCHLINE: SEE SHEET L-105

MATCHLINE: SEE SHEET L-107

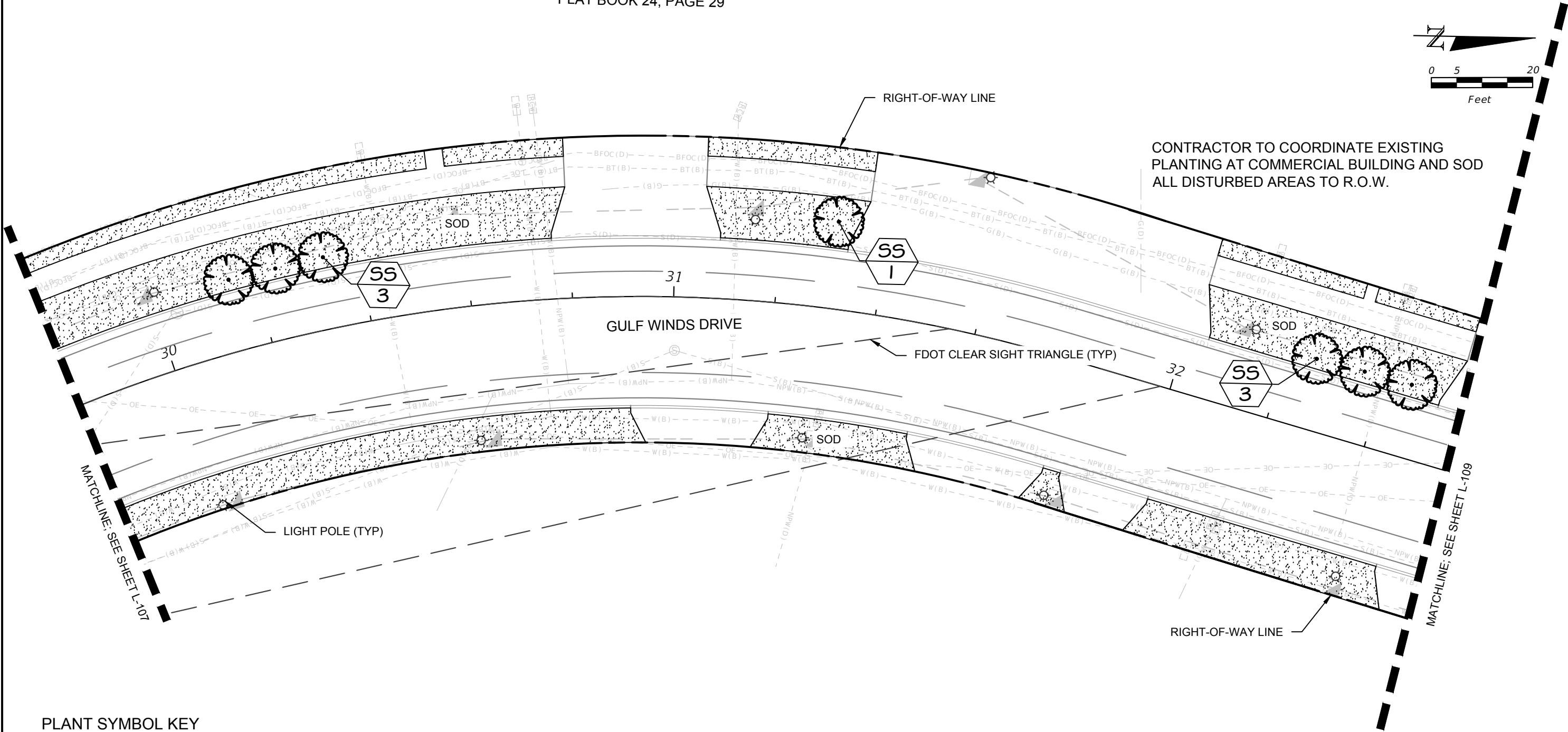
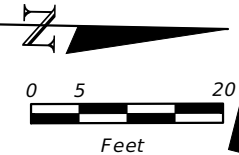


PLANT SYMBOL KEY

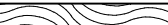
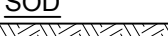
SYMBOL	CODE	COMMON NAME	GROUND COVERS	
TREES				
	SS	CABBAGE PALMETTO		CN DWARF NATAL PLUM
SHRUBS				
	CA	AUTOGRAPH TREE		EL EXISTING LANDSCAPE TO REMAIN
				SS2 ST. AUGUSTINE GRASS

CONTRACTOR TO COORDINATE EXISTING
PLANTING AT COMMERCIAL BUILDING AND SOD
ALL DISTURBED AREAS TO R.O.W.

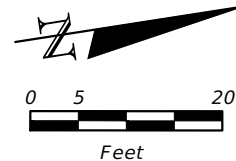
REVISIONS				JENNIFER L. DAOULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN	SHEET NO. L-106
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



PLANT SYMBOL KEY

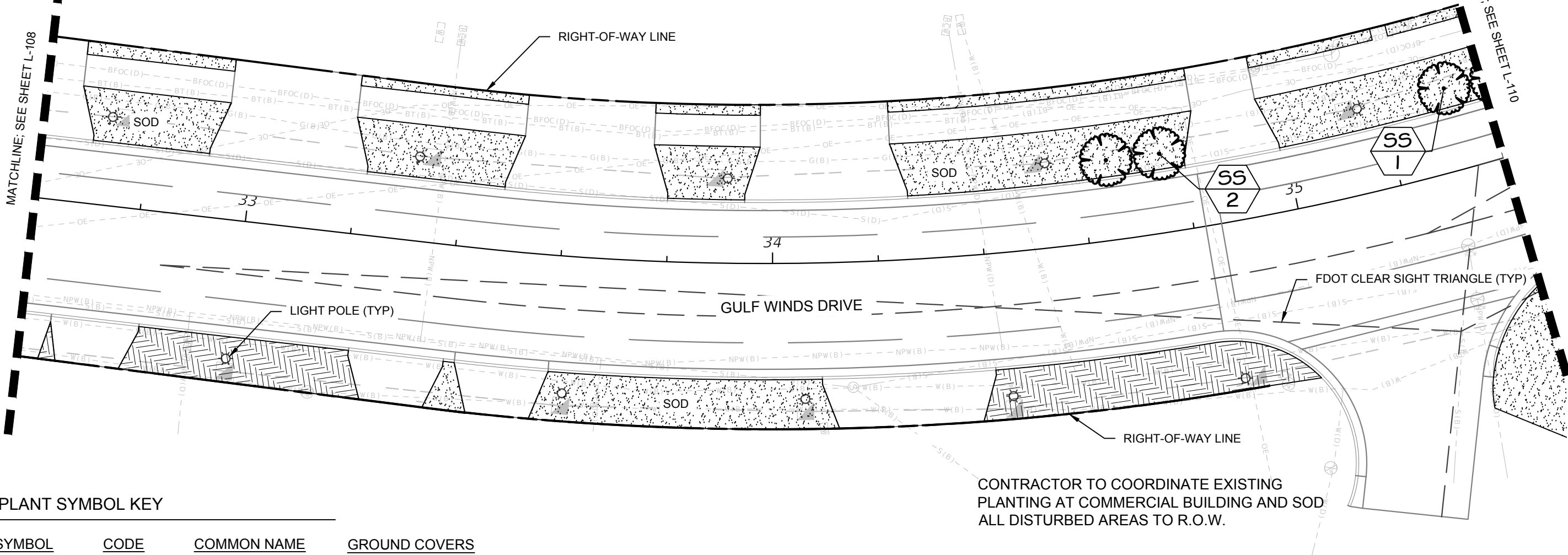
<u>SYMBOL</u>	<u>CODE</u>	<u>COMMON NAME</u>	<u>GROUND COVERS</u>		
<u>TREES</u>				CN	DWARF NATAL PLUM
	SS	CABBAGE PALMETTO	<u>SOD</u>	EL	EXISTING LANDSCAPE TO REMAIN
					
<u>SHRUBS</u>				SS2	ST. AUGUSTINE GRASS
	CA	AUTOGRAPH TREE			

REVISIONS				JENNIFER L. DAULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN	SHEET NO. L-108
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

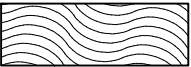


MATCHLINE: SEE SHEET L-108

MATCHLINE: SEE SHEET L-110

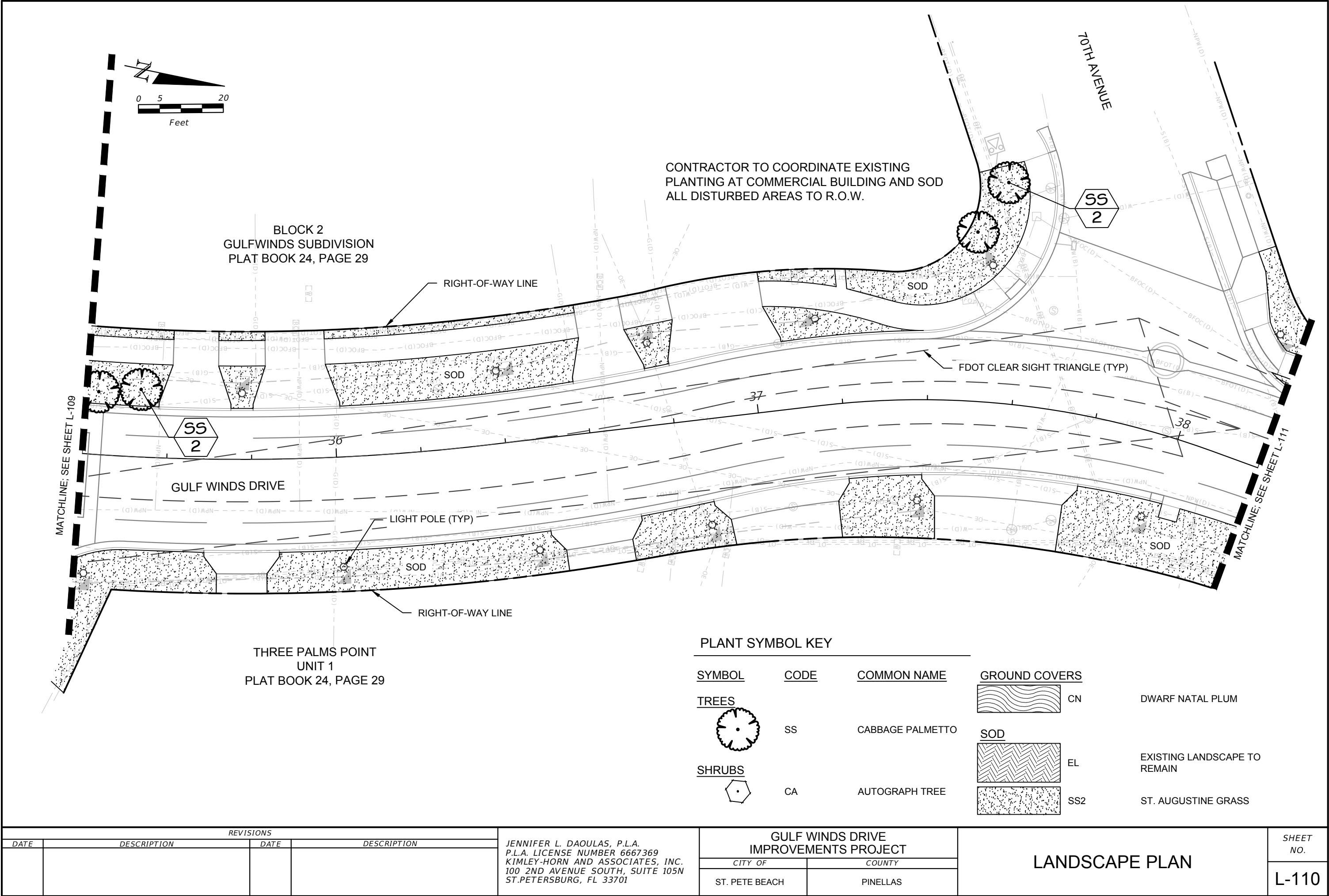


PLANT SYMBOL KEY

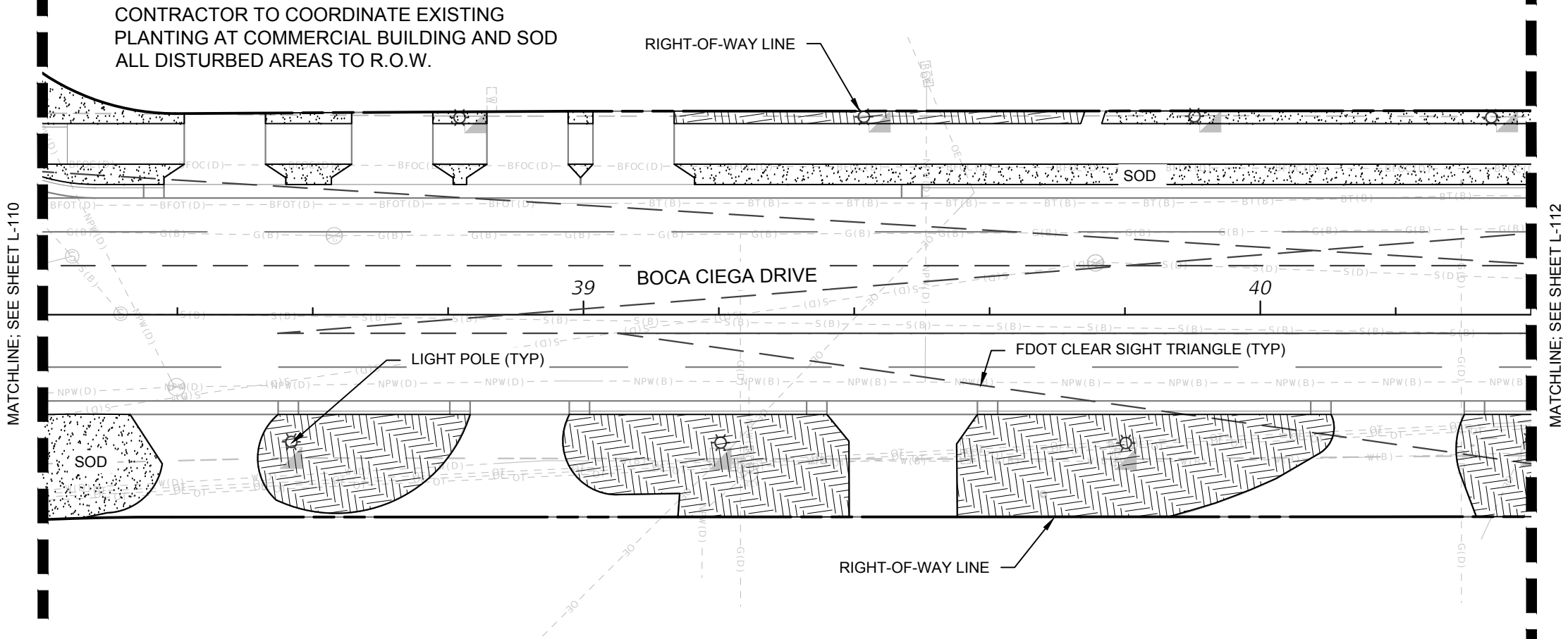
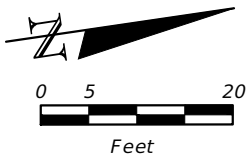
SYMBOL	CODE	COMMON NAME	GROUND COVERS
TREES			
	SS	CABBAGE PALMETTO	 CN DWARF NATAL PLUM
SHRUBS			
	CA	AUTOGRAPH TREE	 EL EXISTING LANDSCAPE TO REMAIN
			 SS2 ST. AUGUSTINE GRASS

REVISIONS				JENNIFER L. DAOULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN	SHEET NO. L-109
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

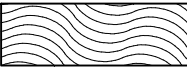
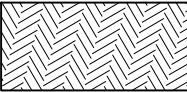
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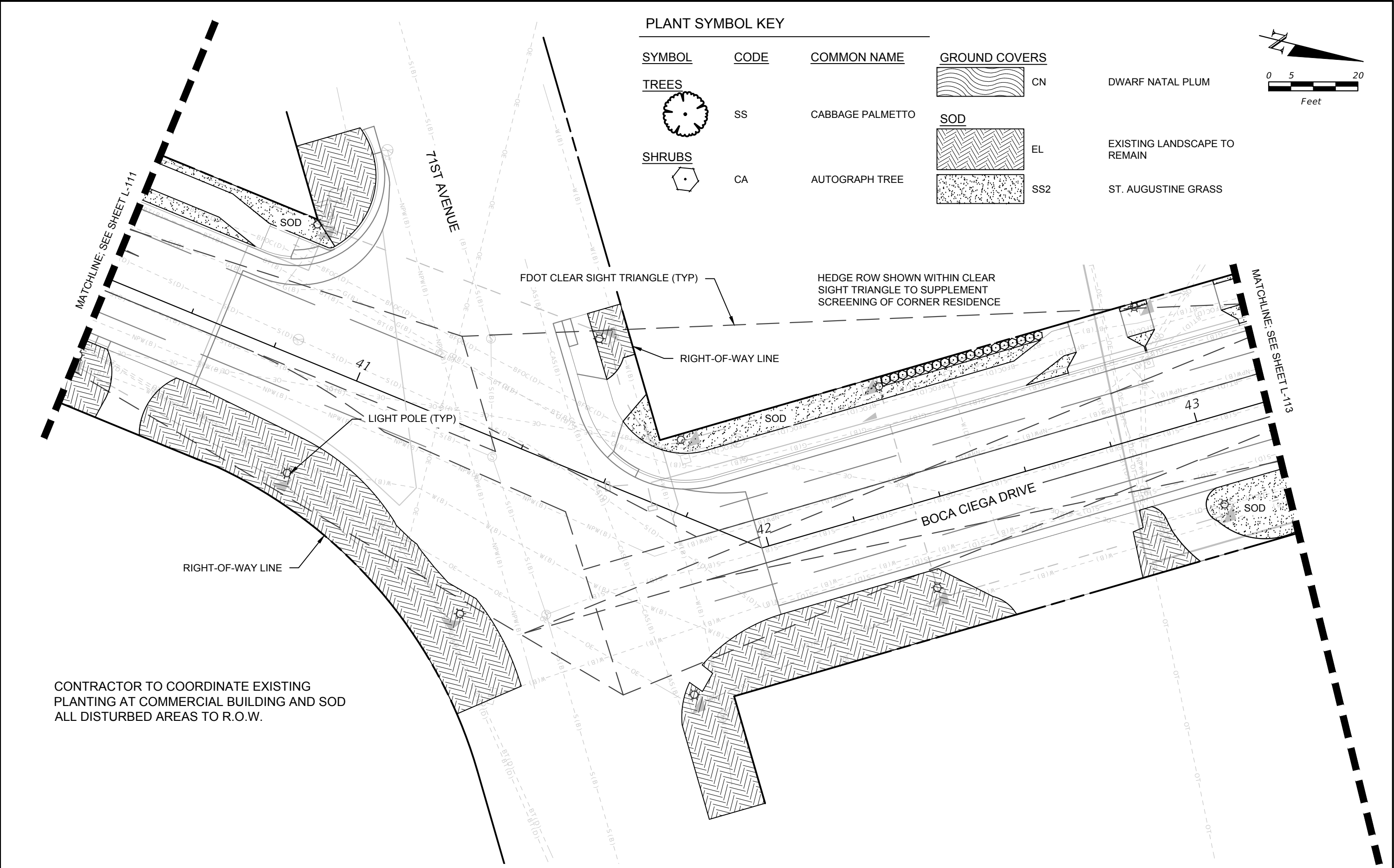


PLANT SYMBOL KEY

SYMBOL	CODE	COMMON NAME	GROUND COVERS
TREES			
	SS	CABBAGE PALMETTO	 CN DWARF NATAL PLUM
SHRUBS			
	CA	AUTOGRAPH TREE	 EL EXISTING LANDSCAPE TO REMAIN
			 SS2 ST. AUGUSTINE GRASS

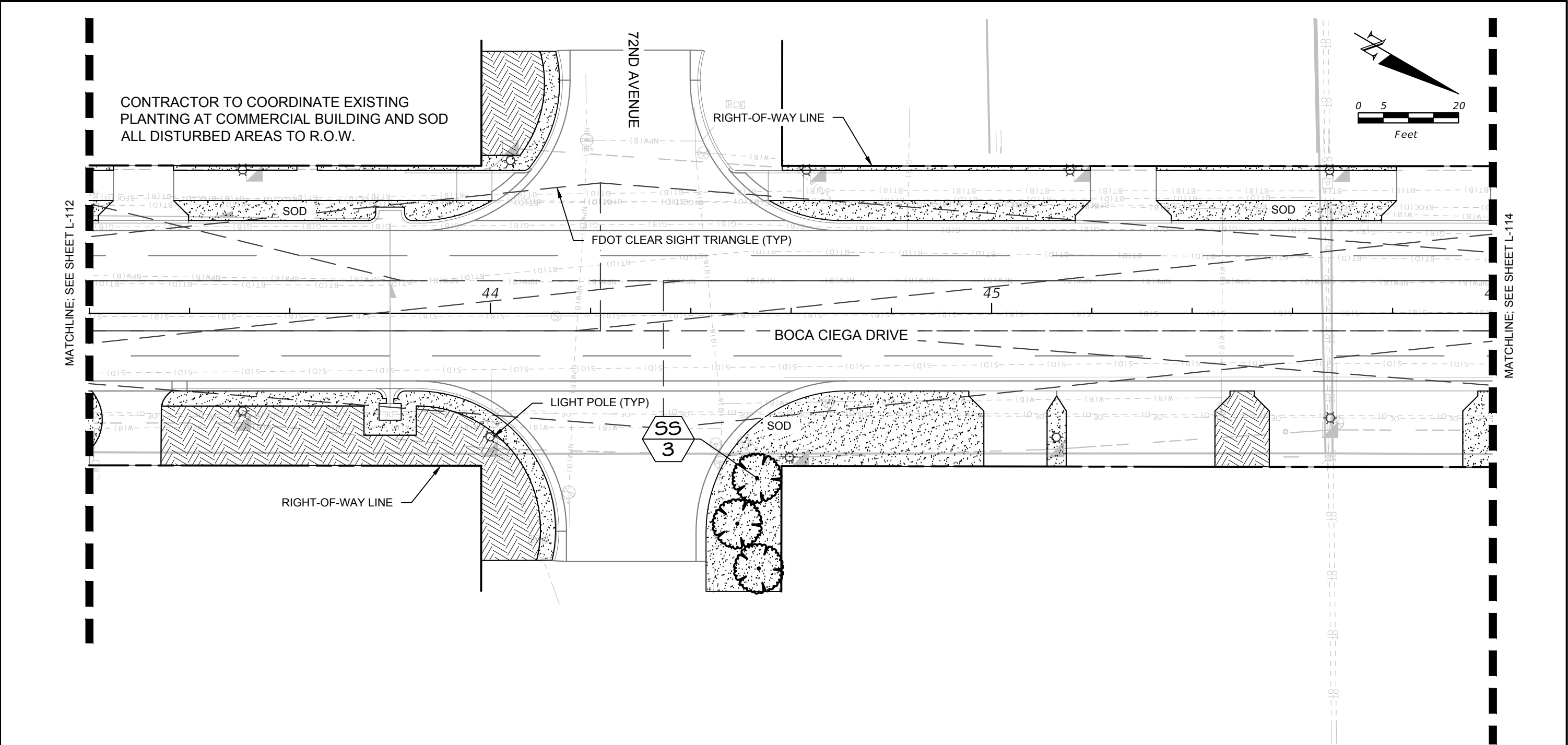
REVISIONS				JENNIFER L. DAULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		L-111

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

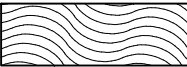
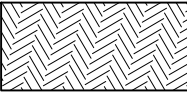


REVISIONS				JENNIFER L. DAULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN	SHEET NO. L-112
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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

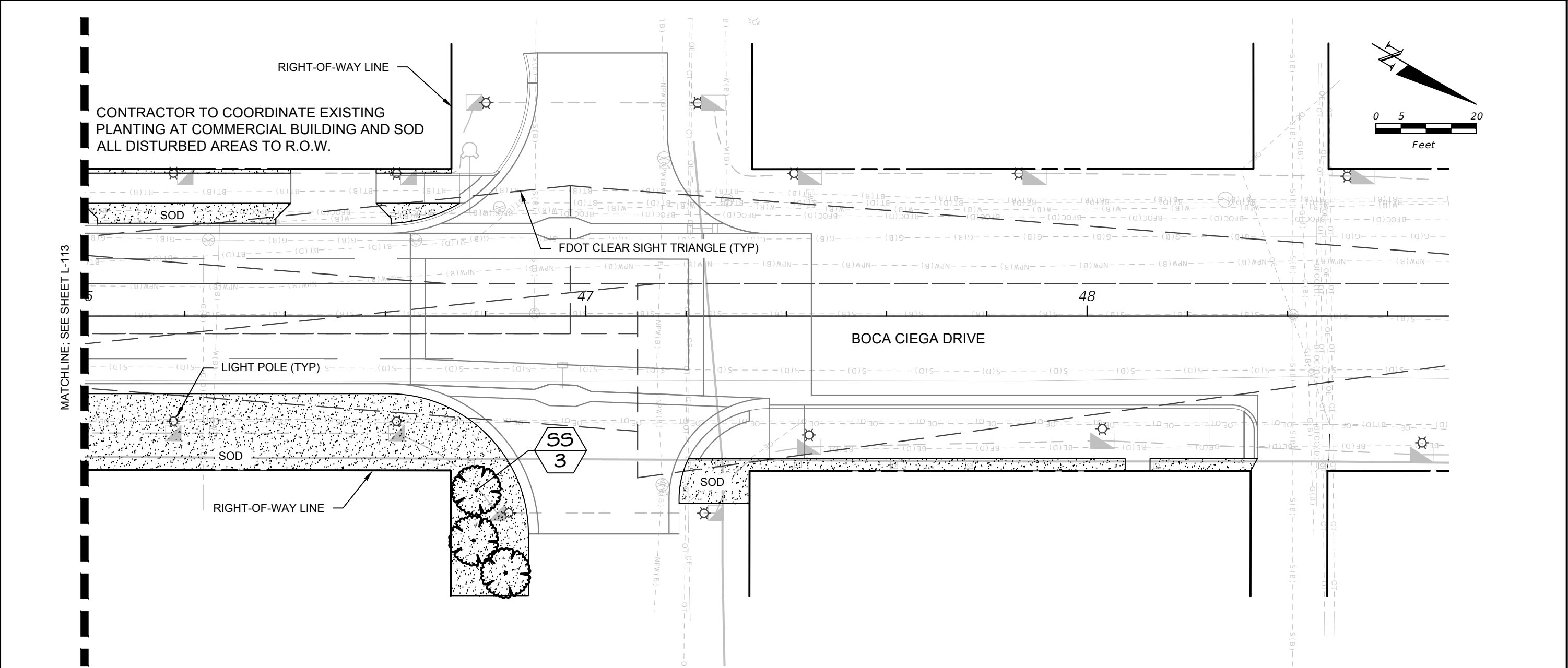


PLANT SYMBOL KEY

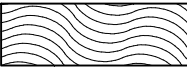
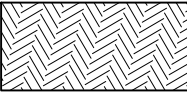
SYMBOL	CODE	COMMON NAME	GROUND COVERS
TREES			
	SS	CABBAGE PALMETTO	 CN DWARF NATAL PLUM
SHRUBS			
	CA	AUTOGRAPH TREE	 EL EXISTING LANDSCAPE TO REMAIN
			 SS2 ST. AUGUSTINE GRASS

REVISIONS				JENNIFER L. DAULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN	SHEET NO. L-113
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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PLANT SYMBOL KEY

SYMBOL	CODE	COMMON NAME	GROUND COVERS
TREES			
	SS	CABBAGE PALMETTO	 CN DWARF NATAL PLUM
SHRUBS			
	CA	AUTOGRAPH TREE	 EL EXISTING LANDSCAPE TO REMAIN
			 SS2 ST. AUGUSTINE GRASS

REVISIONS				JENNIFER L. DAOULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE PLAN		SHEET NO. L-114
DATE	DESCRIPTION	DATE	DESCRIPTION						
					CITY OF	COUNTY			
					ST. PETE BEACH	PINELLAS			

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PLANT SCHEDULE

SYMBOL CODE QTY BOTANICAL / COMMON NAME CAL (MIN) CONT (MIN) HEIGHT (MIN) SPREAD SPACING NATIVE

TREES

	SS	54	SABAL PALMETTO / CABBAGE PALMETTO SLICKED MIN. 8 FT. HT., FULLY REGENERATED	---	FG	16 - 20 FT CT	4 FT MIN	AS SHOWN	YES
---	----	----	--	-----	----	---------------	----------	----------	-----

SYMBOL CODE QTY BOTANICAL / COMMON NAME SIZE CONT HEIGHT SPREAD SPACING NATIVE

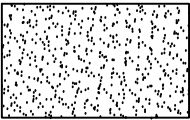
SHRUBS

	CA	19	CLUSIA ROSEA / AUTOGRAPH TREE	3 GAL	POT	24 IN MIN	18 IN MIN	24 IN OC	NO
---	----	----	-------------------------------	-------	-----	-----------	-----------	----------	----

GROUND COVERS

	CN	123	CARISSA MACROCARPA 'NANA' / DWARF NATAL PLUM	3 GAL	POT	4 IN MIN	18 IN MIN	24 IN OC	NO
---	----	-----	--	-------	-----	----------	-----------	----------	----

SOD

	EL		/ EXISTING LANDSCAPE TO REMAIN	-					
	SS2	32,026 SF	STENOTAPHRUM SECUNDATUM / ST. AUGUSTINE GRASS (IF IRRIGATION IS PROVIDED)	SOD					

REVISIONS				JENNIFER L. DAOULAS, P.L.A. P.L.A. LICENSE NUMBER 6667369 KIMLEY-HORN AND ASSOCIATES, INC. 100 2ND AVENUE SOUTH, SUITE 105N ST.PETERSBURG, FL 33701	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LANDSCAPE SCHEDULE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		L-115

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

LANDSCAPE SPECIFICATIONS

1. SCOPE OF WORK

- 1.1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THESE PLANS.
- 1.2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER.
- 1.3. WORK SHALL BE COORDINATED WITH OTHER TRADES TO PREVENT CONFLICTS.

2. PROTECTION OF EXISTING AND PROPOSED SITE ELEMENTS

- 2.1. PROTECT ALL EXISTING SITE ITEMS, ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM THE CONTRACTOR'S WORK SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE OWNER.
- 2.2. MAINTAIN ALL NECESSARY BMP DEVICES THROUGHOUT THE DURATION OF ALL CONSTRUCTION ACTIVITIES.
- 2.3. WHERE APPLICABLE, SUBMIT A DETAILED PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE APPROPRIATE REGULATORY AGENCY STANDARDS UNLESS THE WORK REQUIRES NOTHING MORE THAN A DIRECT APPLICATION OF FDOT STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION, INDEX 102-600.
- 2.4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO CONSTRUCTION ACTIVITIES. THE INFORMATION AND DATA SHOWN WITH RESPECT TO EXISTING UTILITIES IS APPROXIMATE. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION OR DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR; REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA; LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION; THE SAFETY AND PROTECTION THEREOF; REPAIRING ANY DAMAGE RESULTING FROM THE WORK. THE COST OF ALL WILL BE CONSIDERED AS HAVING BEEN INCLUDED IN THE CONTRACT PRICE. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING WHEN ANY CONFLICT BETWEEN UTILITIES AND THESE PLANS EXIST PRIOR TO PLANTING.
- 2.5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO PLANT MATERIAL EXISTING OR OTHERWISE. THIS SHALL INCLUDE COMPACTION AND SPILLING OF ANY DELETERIOUS MATERIALS WITHIN THE DRIP-LINE OF EXISTING TREES TO REMAIN. PLANT MATERIAL KILLED OR DAMAGED THAT IS MISSHAPEN AND/OR UNSIGHTLY SHALL BE REPLACED WITH LIKE SIZE AND KIND TO THE SATISFACTION OF THE OWNER OR REGULATORY AGENCY AT THE COST TO THE CONTRACTOR.
- 2.6. SEE TREE MITIGATION PLAN AND NOTES, IF APPLICABLE.

3. SUBMITTALS

- 3.1. SUBMIT MATERIAL SAMPLES LISTED BELOW FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER. UPON APPROVAL, DELIVERY OF MATERIALS MAY COMMENCE.

MATERIAL

MULCH

SOIL MIXTURE

PLANTS

SAMPLE SIZE

ONE (1) GALLON PLASTIC BAG

ONE (1) GALLON PLASTIC BAG

ONE (1) OF EACH VARIETY (OR TAGGED IN NURSERY)
- 3.2. SUBMIT TESTING RESULTS OF SOIL MIXTURE AS PER SECTION 6 BELOW.

4. PLANT MATERIALS

- 4.1. ALL PLANT MATERIAL SHALL CONFORM TO THE SPECIFICATIONS INDICATED ON THE DRAWINGS AND SHALL BE IN ACCORDANCE WITH GRADES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. ALL MATERIALS SHALL BE SUBJECT TO APPROVAL BY THE OWNER OR OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT AND OWNER.
- 4.2. ALL TREE SPECIES INSTALLED SHALL BE MATCHED IN SIZE AND SHAPE UNLESS NOTED OTHERWISE.
- 4.3. PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, UPON DELIVERY TO THE SITE, DURING PROGRESS OF THE WORK AND/OR AFTER COMPLETION. REJECTED PLANTS SHALL BE REMOVED AND REPLACED IMMEDIATELY.

5. DIGGING AND HANDLING

- 5.1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WATER AND FREEZING, AS NECESSARY UNTIL PLANTING. NO PLANT MATERIAL SHALL BE HANDLED BY STEMS.

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					ST. PETE BEACH	PINELLAS		L-150

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LANDSCAPE SPECIFICATIONS

6. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)

- 6.1. TEST EXISTING SOIL AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW:
- 6.2. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT PITS) SHALL CONSIST OF TWO PARTS OF TOPSOIL AND ONE PART SAND, AS DESCRIBED BELOW. SUBMIT SAMPLES AND PH TESTING RESULTS OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.
- 6.3. TOPSOIL FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT PITS SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER; REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER; FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIRECTION, AND OTHER EXTRANEIOUS OR TOXIC MATTER HARMFUL TO PLANT GROWTH. IT SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER AND HAVE A PH BETWEEN 5.5 AND 7.0.
- 6.4. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND.
- 6.5. PLANT TREES IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING.
- 6.6. TREES PLANTED IN TREE WELLS SHALL RECEIVE STRUCTURAL URBAN SOIL. MIX SHALL BE : 50% SAND, 20% PERLITE, 20% PINES FINES AND 10% ORGANIC SOIL.

7. WATER

- 7.1. PROVIDE WATER NECESSARY FOR PLANTING ESTABLISHMENT AND MAINTENANCE. WATER SHALL BE OF SATISFACTORY QUALITY TO SUSTAIN ADEQUATE PLANT GROWTH AND SHALL NOT CONTAIN HARMFUL, NATURAL OR MAN-MADE ELEMENTS DETRIMENTAL TO PLANTS.
- 7.2. WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.
- 7.3. WATERING SCHEDULE:

7.3.1. CITY TO MONITOR EXISTING WEATHER CONDITIONS TO DETERMINE APPROPRIATE WATERING DAYS BASED ON THE SCHEDULE BELOW.

7.3.2. THE SCHEDULE BELOW IS INTENDED TO PROVIDE RECOMMENDATION FOR WATERING UNTIL ESTABLISHMENT.

DURATION (AFTER INSTALL)	FREQUENCY	TREES	LARGE SHRUBS	SMALL SHRUBS/ GROUNDCOVER
INSTALL TO 5 WEEKS	3 TIMES / WEEK	20 GALLONS	5 GALLONS	3 GALLONS
6 TO 10 WEEKS	2 TIMES / WEEK	20 GALLONS	5 GALLONS	3 GALLONS
11 TO 15 WEEKS	1 TIME / WEEK	20 GALLONS	5 GALLONS	3 GALLONS

8. FERTILIZER

- 8.1. PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY-DERIVED.
- 8.2. REFER TO PINELLAS COUNTY FERTILIZER APPLICATION ORDINANCE UNDER ARTICLE XIII.

9. MULCH

- 9.1. MOISTEN MULCH MATERIAL AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A MINIMUM DEPTH OF THREE (3) INCHES. CONTRACTOR SHALL CLEAR MULCH FROM WITHIN A SIX (6) INCH RADIUS AROUND TRUNK / STEM FLARE. MULCH SHALL BE SHREDDED OAK AND PINE MIX IN COCOA BROWN.
- 9.2. PROVIDE A THREE (3) INCH MINIMUM LAYER OF SPECIFIED MULCH OVER THE ENTIRE AREA OF EACH PLANTING BED AND TREE RING (SIX (6) FOOT DIAMETER MINIMUM).

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LANDSCAPE SPECIFICATIONS

10. CONTAINER GROWN STOCK

- 10.1. CONTAINER GROWN PLANTS SHALL HAVE BEEN GROWN IN IT'S CONTAINER SUFFICIENTLY LONG ENOUGH FOR THE NEW FIBROUS ROOTS TO HAVE DEVELOPED SO THAT THE ROOT MASS WILL RETAIN ITS SHAPE AND HOLD TOGETHER WHEN REMOVED FROM THE CONTAINER.
- 10.2. INSUFFICIENT OR POORLY STRUCTURED ROOT SYSTEMS ARE NOT ACCEPTABLE AND WILL BE REJECTED.
- 10.3. ROOTS PLUS GROWER (RPG) PRODUCTS SHALL BE USED WHERE SPECIFIED.

11. MATERIALS LIST

- 11.1. ALL QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR SHALL CONFIRM ALL QUANTITIES PER PLAN PRIOR TO BIDDING AND CONSTRUCTION.

12. FINE GRADING

- 12.1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINE GRADING WHICH CONSISTS OF FINAL FINISHED GRADING (INCLUDING ADDITIONAL SOIL MIXTURE AS NEEDED) FOR LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS. FINISH GRADE SHALL ACCOUNT FOR THICKNESS OF SOD AND/OR MULCH DEPTH.
- 12.2. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS. AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS. REFER TO CIVIL ENGINEER'S PLANS FOR FINAL GRADES, IF APPLICABLE.

13. PLANTING PROCEDURES

- 13.1. CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR OBJECTIONABLE MATTER DAILY. REMOVE ALL MORTAR, CEMENT, AND TOXIC MATERIAL FROM THE SURFACE OF ALL PLANT BEDS. DO NOT MIX THESE MATERIALS WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL CONDITIONS BENEATH THE SOIL WHICH WILL IN ANY WAY ADVERSELY AFFECT THE PLANT GROWTH, IMMEDIATELY CALL IT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.
- 13.2. LOCATE, MAINTAIN AND PROTECT ALL UTILITIES ABOVE AND BELOW GROUND. CALL SUNSHINE STATE ONE CALL OF FLORIDA, INC. (811) TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
- 13.3. NOTIFY LANDSCAPE ARCHITECT IN WRITING IMMEDIATELY IF CONFLICT(S) EXIST WITH PROPOSED TREE LOCATIONS AND EXISTING OVERHEAD POWER LINES IN ACCORDANCE WITH SETBACK REQUIREMENTS OF FPL'S "RIGHT TREE, RIGHT PLACE" PROGRAM. CONSULT THE UNIVERSITY OF FLORIDA'S "TREES AND POWER LINE" WEBSITE FOR TREE SIZE CATEGORIES.
- 13.4. NOTIFY LANDSCAPE ARCHITECT IN WRITING IMMEDIATELY IF CONFLICT(S) EXIST WITH PROPOSED TREE LOCATIONS AND EXISTING / PROPOSED LIGHT POLES. TREES INSTALLED IN CONFLICT WITH LIGHT POLES ARE SUBJECT TO RELOCATION AT THE EXPENSE OF THE CONTRACTOR.
- 13.5. REMOVE ALL EXISTING AND IMPORTED DELETERIOUS MATERIAL AND SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36" OR TO NATIVE SOIL. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE AS NEEDED WITH CLEAN SOIL MIXTURE.
- 13.6. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK.
- 13.7. EXCAVATE ALL PLANTING PITS IN ACCORDANCE WITH LANDSCAPE DETAILS PROVIDED. TEST ALL TREE PITS WITH WATER BEFORE PLANTING TO ASSURE PROPER DRAINAGE PERCOLATION IS AVAILABLE. IF POOR DRAINAGE EXISTS, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY IN WRITING. NO ALLOWANCE WILL BE MADE FOR LOST PLANTS DUE TO IMPROPER DRAINAGE. CONTRACTOR SHALL ENSURE ELIMINATION OF ALL AIR POCKETS AROUND ROOTS.
- 13.8. SET TREES AND SHRUBS STRAIGHT AT AN ELEVATION THAT, AFTER SETTLEMENT, THE PLANT CROWN WILL STAND ONE (1) TO TWO (2) INCHES ABOVE GRADE. EACH PLANT SHALL BE SET IN THE CENTER OF THE PIT. PLANTING SOIL MIXTURE SHALL BE BACK FILLED, THOROUGHLY TAMPED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMPING).
- 13.9. DO NOT COVER TOP OF BALL WITH SOIL MIXTURE. ALL BURLAP, ROPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM UPPER ONE THIRD (1/3) OF ROOT BALLS.
- 13.10. ALL SUCKER GROWTH AND BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT IN ACCORDANCE WITH ANSI A-300.
- 13.11. SHRUBS AND GROUND COVER PLANTS SHALL BE SPACED IN ACCORDANCE WITH THE DRAWINGS, LANDSCAPE DETAILS AND AS INDICATED ON THE PLANT LIST.
- 13.12. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO ENSURE STABILITY AND MAINTAIN TREES IN A PLUMB AND UPRIGHT POSITION.
- 13.13. FAILURE TO FOLLOW THE ABOVE PLANTING PROCEDURE SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.

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LANDSCAPE SPECIFICATIONS

14. LAWN SODDING

- 14.1. THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING NECESSARY TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
- 14.2. ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS TO A MINIMUM DEPTH OF THREE (3) INCHES. PROVIDE ONE (1) INCH OF TOPSOIL ACROSS ENTIRE LAWN BED AND MIX THOROUGHLY INTO TOP FOUR (4) INCHES OF SOIL TO BRING THE GROUND TO AN EVEN GRADE. THE ENTIRE SURFACE SHALL BE ROLLED WITH A ROLLER WEIGHING NOT MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH. DURING THE ROLLING, ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL TOPSOIL AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE REQUIRED GRADE.
- 14.3. HAND RAKE LAWN BED UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WET PREPARED AREA THOROUGHLY.
- 14.4. SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- 14.5. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
- 14.6. SOD PANELS SHALL BE LAID TIGHTLY TOGETHER SO AS TO MAKE A SOLID SODDED LAWN AREA. SOD SHALL BE LAID UNIFORMLY AGAINST THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS.
- 14.7. IMMEDIATELY FOLLOWING SOD LAYING, ROLL LAWN AREAS WITH A LAWN ROLLER AND THEN THOROUGHLY IRRIGATED.
- 14.8. IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE UNIFORMLY SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZE INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
- 14.9. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESSIVE DRYING AND UNNECESSARY EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY EXCESSIVE HEAT AND MOISTURE.
- 14.10. WITHIN THE CONTRACT LIMITS, PRODUCE AND MAINTAIN A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REGRAIDING IF NECESSARY).

15. CLEANUP

- 15.1. UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.

16. PLANT MATERIAL MAINTENANCE

- 16.1. ALL PLANT MATERIAL SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) AS NECESSARY TO INSURE HEALTHY AND VIGOROUS GROWING CONDITIONS BY THE CONTRACTOR UPON DELIVERING TO THE SITE AND UNTIL FINAL ACCEPTANCE OF WORK.

17. FINAL INSPECTION AND ACCEPTANCE OF WORK

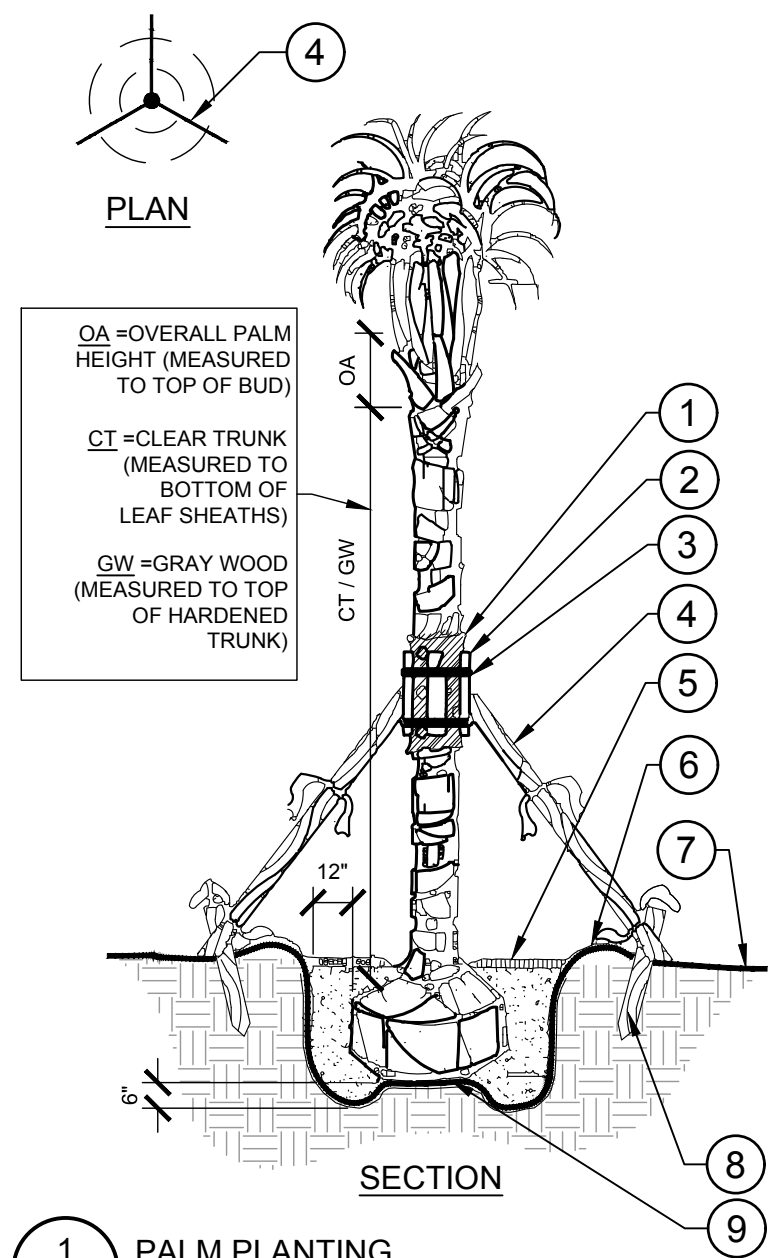
- 17.1. ALL PLANT BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS UNTIL FINAL ACCEPTANCE OF WORK. PRIOR TO FINAL INSPECTION, TREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE PER MANUFACTURER RECOMMENDATIONS. (AS ALLOWED BY JURISDICTIONAL AUTHORITY)
- 17.2. PROVIDE WATERING/IRRIGATION SCHEDULE FOR ALL PLANT MATERIAL TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.
- 17.3. UPON COMPLETION OF ALL WORK, A FINAL INSPECTION SHALL BE PERFORMED BY THE OWNER AND/OR OWNER'S REPRESENTATIVE. ALL PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT SHALL BE INSPECTED FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. ANY ITEMS FOUND TO NOT BE IN COMPLIANCE SHALL BE CORRECTED AT THE COST OF THE CONTRACTOR.

18. WARRANTY

- 18.1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION AND ACCEPTANCE OF THE WORK BY THE OWNER AND/OR OWNER'S REPRESENTATIVE.
- 18.2. ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION THROUGHOUT THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED, PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER. ANY REPLACED PLANT MATERIAL SHALL BE SUBJECT TO A NEW ONE (1) YEAR WARRANTY.
- 18.3. IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION MAINTENANCE, THE CONTRACTOR SHOULD VISIT THE PROJECT SITE PERIODICALLY DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH.

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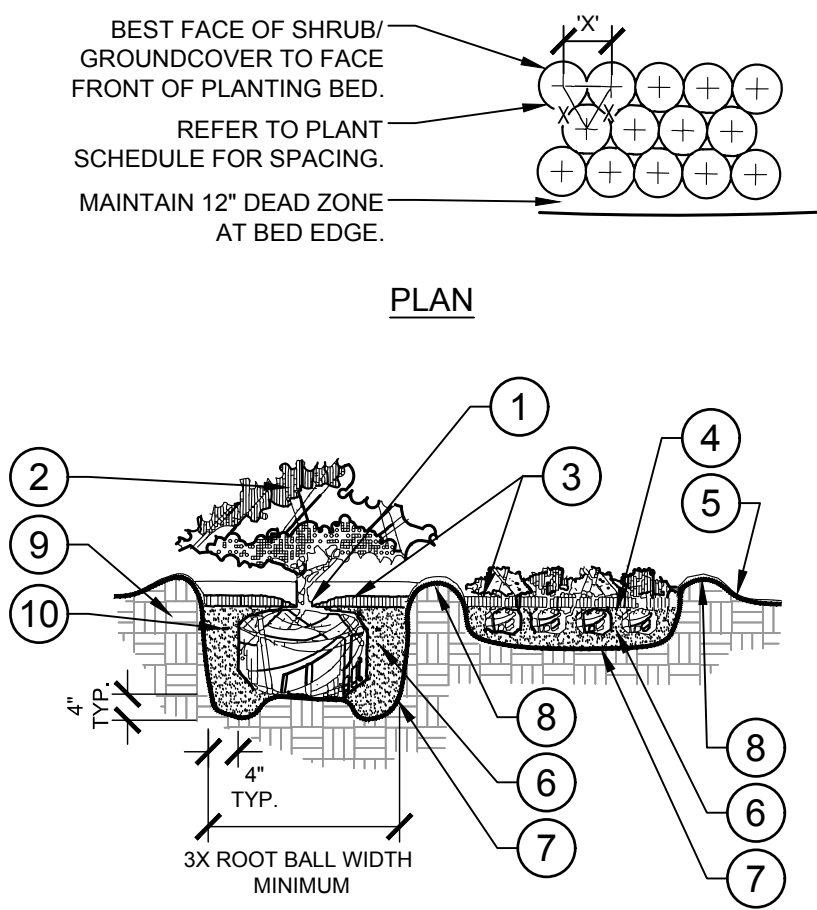
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1 PALM PLANTING
L-154 SECTION / PLAN NTS
P-GU1-11

- 1 5 LAYERS OF BURLAP TO PROTECT TRUNK.
- 2 FIVE 2" X 4" X 18" WOOD BATTENS.
- 3 SECURE BATTENS WITH 2- 3/4" CARBON STEEL BANDS TO HOLD BATTENS IN PLACE. NO NAILS SHALL BE DRIVEN INTO PALM. HEIGHT OF BATTENS SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING.
- 4 (3) 2"x4"x8' SUPPORTS. NAIL (DRILL AN NAIL IF NECESSARY) TO BATTENS AND 2" 4" STAKES. STAIN DARK BROWN.
- 5 3" SPECIFIED MULCH
- 6 BERM SOIL TO HOLD WATER.
- 7 FINISH GRADE
- 8 2X4X24" (MIN) P.T. WOOD STAKES (TYP.) NAIL TO SUPPORT POLES.
- 9 PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES).

- NOTES:**
- A. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY OWNER.
 - B. ALL TREE STAKING IS TO BE WITHIN MULCH BED AREA OUTSIDE TREE PIT.
 - C. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION - REFER TO POOR DRAINAGE CONDITION DETAIL.



2 SHRUB/GROUNDCOVER PLANTING
L-154 SECTION / PLAN NTS
P-GU1-01

- NOTES:**
- A. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.
 - B. WHEN SHRUBS ARE PRUNED IN MASSES, PRUNE ALL SHRUBS TO ACHIEVE UNIFORM MASS / HEIGHT.
 - C. ALL SHRUBS AND GROUNDCOVERS SHALL BE PLUMB VERTICALLY, UNLESS OTHERWISE DIRECTED BY OWNERS REPRESENTATIVE.

- 1 TOP OF SHRUB ROOTBALLS TO BE PLANTED 1" - 2" HIGH WITH SOIL MOUNDING UP TO THE TOP OF ROOTBALL.
- 2 PRUNE ALL SHRUBS TO ACHIEVE A UNIFORM MASS/HEIGHT.
- 3 3" MULCH LAYER AS SPECIFIED.
- 4 EXCAVATE ENTIRE BED SPECIFIED FOR GROUNDCOVER BED.
- 5 FINISHED GRADE (SEE GRADING PLAN).
- 6 PREPARED PLANTING SOIL AS SPECIFIED. (SEE LANDSCAPE NOTES) NOTE: WHEN GROUNDCOVERS AND SHRUBS USED IN MASSES, ENTIRE BED TO BE AMENDED WITH PLANTING SOIL MIX AS SPECIFIED.
- 7 SCARIFY OF PLANTING PIT SIDES AND BOTTOM.
- 8 4" HIGH BERM FIRMLY COMPACTED.
- 9 UNDISTURBED NATIVE SOIL.
- 10 FERTILIZER TABLETS (MAX 3" DEEP)

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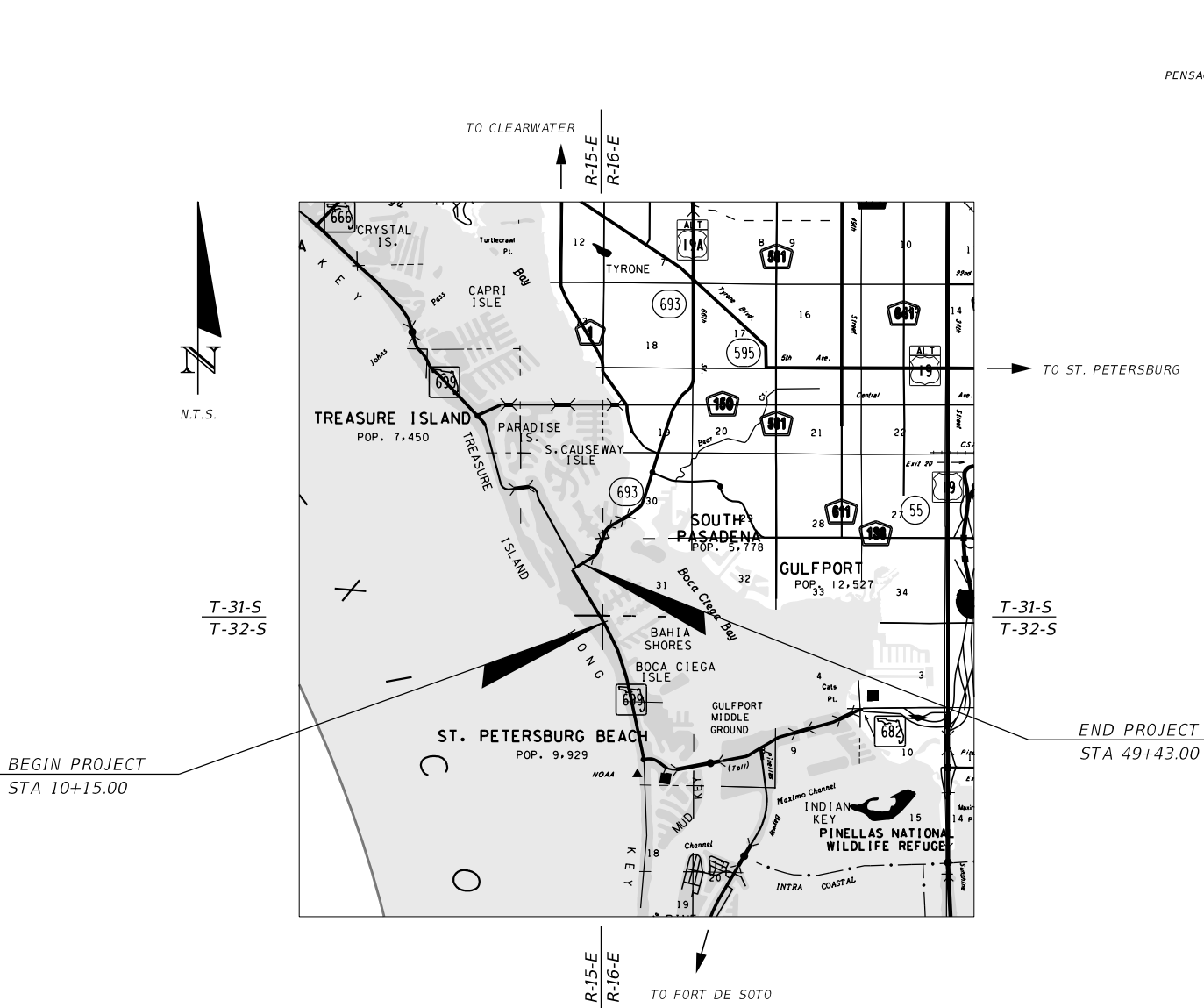
CITY OF ST. PETE BEACH

GULF WINDS DRIVE IMPROVEMENTS

FROM GULF BLVD TO 73RD AVE

INDEX OF LIGHTING CONDUIT PLANS

SHEET NO.	SHEET DESCRIPTION
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L-4 - L-18	LIGHTING CONDUIT PLANS
L-19 - L-20	DUKE ENERGY CONDUIT DETAILS

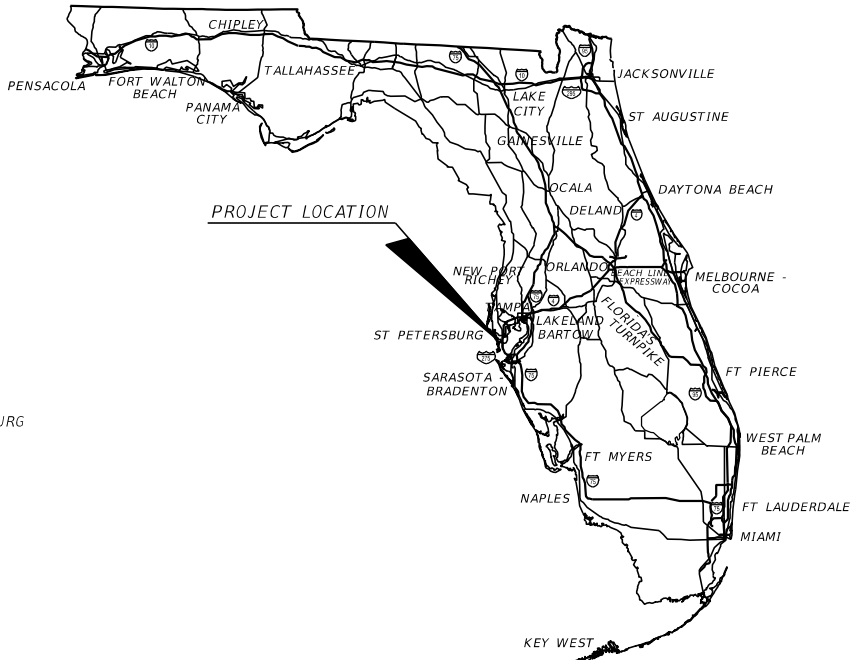


SITE LOCATION MAP

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

NOVEMBER 17, 2023

100% PLANS



LIGHTING CONDUIT PLANS

ENGINEER OF RECORD:

JOHN SEALS, P.E. NO.: 51505
KIMLEY-HORN AND ASSOCIATES
201 NORTH FRANKLIN STREET, SUITE 1400
TAMPA, FL. 33602
(813) 620-1460

PLANS PREPARED BY:

Kimley»Horn

KIMLEY-HORN AND ASSOCIATES, INC.
CONSULTING ENGINEERS AND PLANNERS
201 NORTH FRANKLIN STREET, SUITE 1400
TAMPA, FLORIDA 33602
PHONE (813) 620-1460

REGISTRY NO.: 35106

SHEET
NO.

TABULATION OF LIGHTING CONDUIT QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS														TOTAL THIS SHEET		GRAND TOTAL	
			S - 4		S - 5		S - 6		S - 7		S - 8		S - 9		S - 10					
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
630-2-92	CONDUIT, INSTALL, DIRECTIONAL BORE	LF	414		556		606		651		515		548		635		3925		7744	
635-2-30	PULL & SPLICE BOX, INSTALL	EA	7		12		10		14		8		9		13		73		151	

PAY ITEM NOTES:

630-2-92, 635-2-30: DUKE ENERGY TO FURNISH CONDUIT AND PULL & SPLICE BOXES (ELECTRICAL HAND HOLE).

DUKE ENERGY CONTACT
ENRIQUE VICENT PEREZ, E.I.
FDOT | MAJOR PROJECTS - FLORIDA LIGHTING: NORTH COASTAL AND SOUTH COASTAL ZONE
2166 PALMETTO ST. CLEARWATER, FL, 33765
CELL: (727)355-0129
EMAIL: ENRIQUE.VICENTPEREZ@DUKE-ENERGY.COM

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
					CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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TABULATION OF LIGHTING CONDUIT QUANTITIES

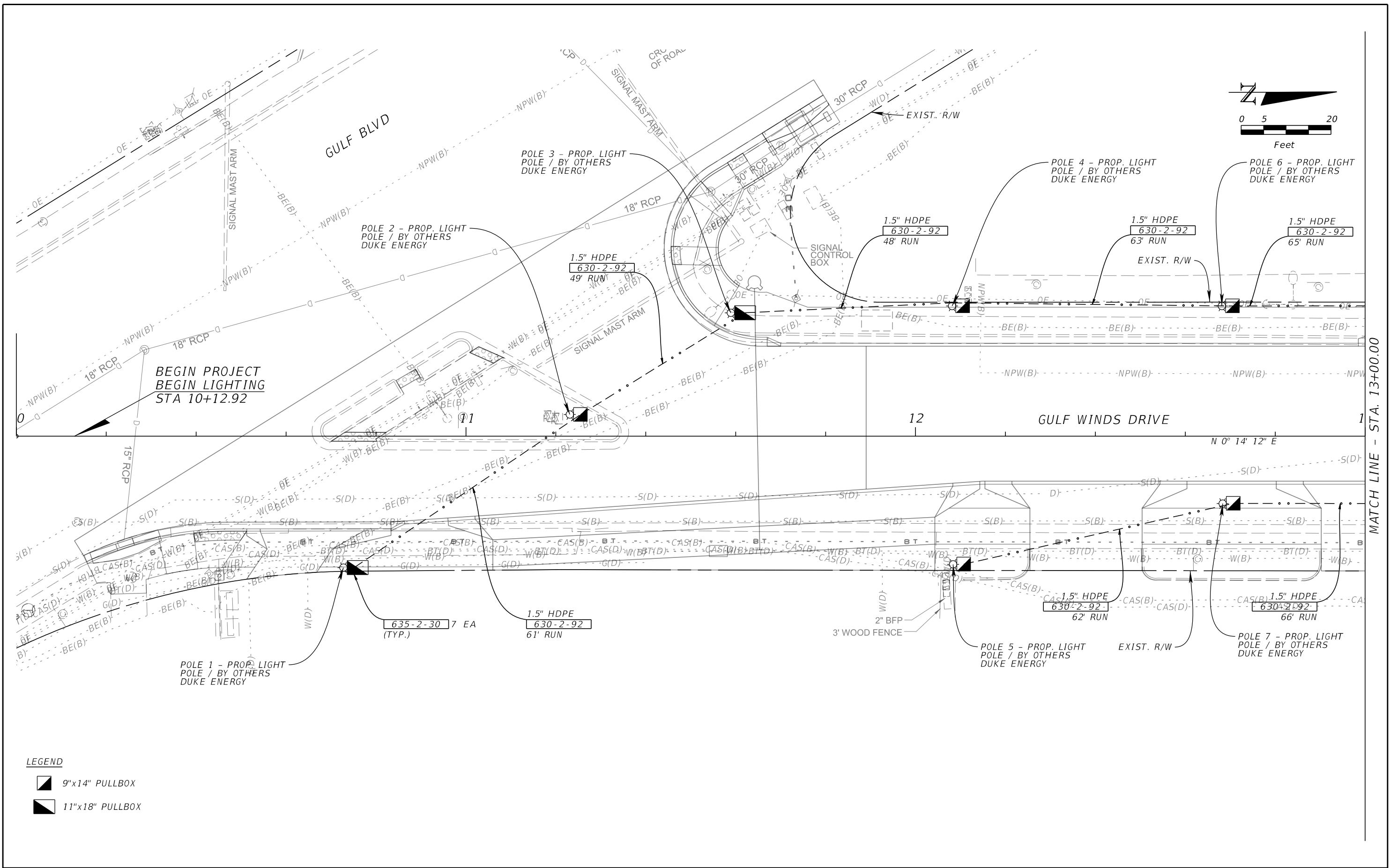
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																TOTAL THIS SHEET		GRAND TOTAL	
			S - 11		S - 12		S - 13		S - 14		S - 15		S - 16		S - 17		S - 18					
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
630-2-92	CONDUIT, INSTALL, DIRECTIONAL BORE	LF	573		556		465		451		549		541		612		72		3819		7744	
635-2-30	PULL & SPLICE BOX, INSTALL	EA	10		10		12		7		11		10		14		4		78		151	

PAY ITEM NOTES:

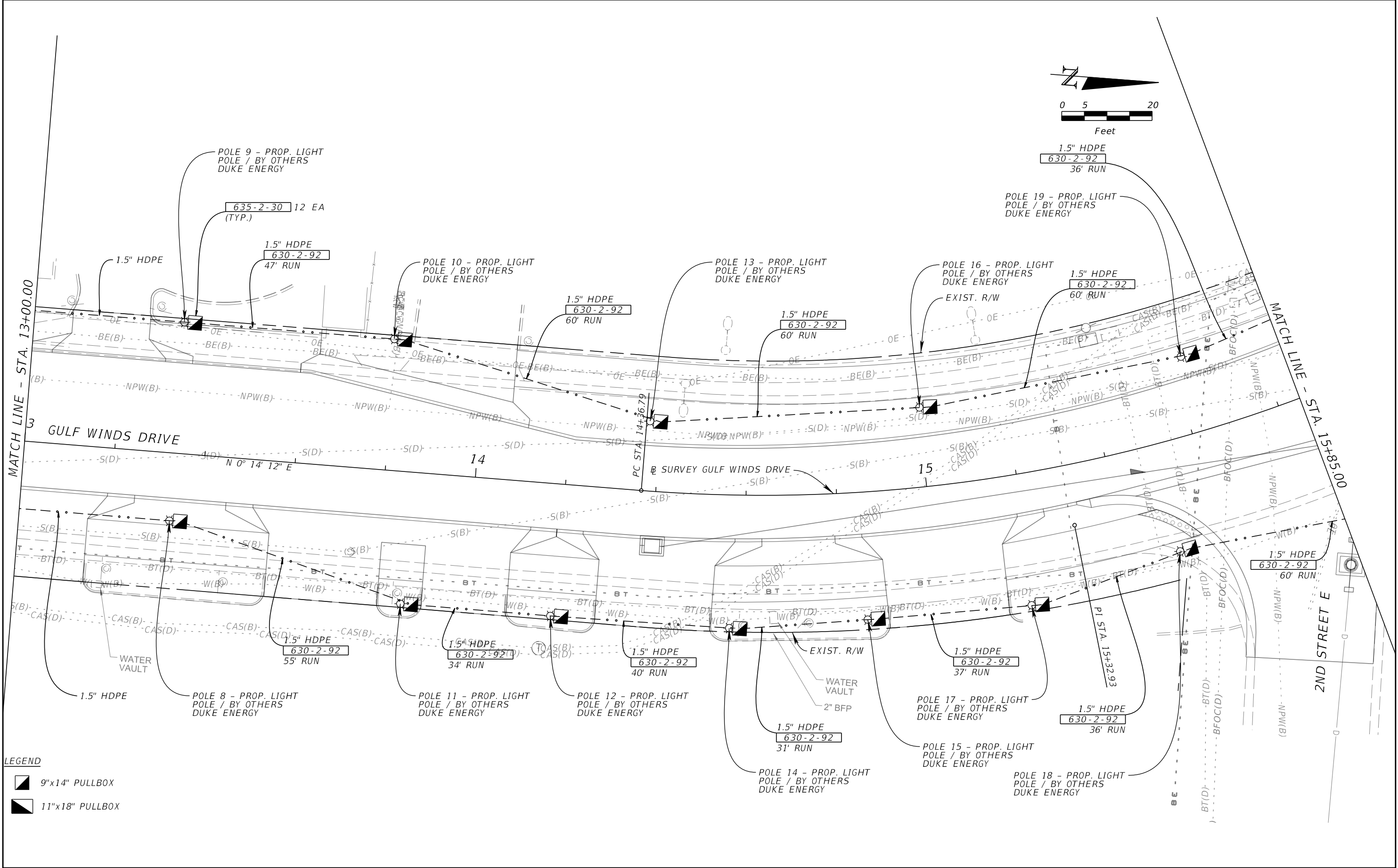
630-2-92, 635-2-30: DUKE ENERGY TO FURNISH CONDUIT AND PULL & SPLICE BOXES (ELECTRICAL HAND HOLE).

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION					
					CITY OF	COUNTY		
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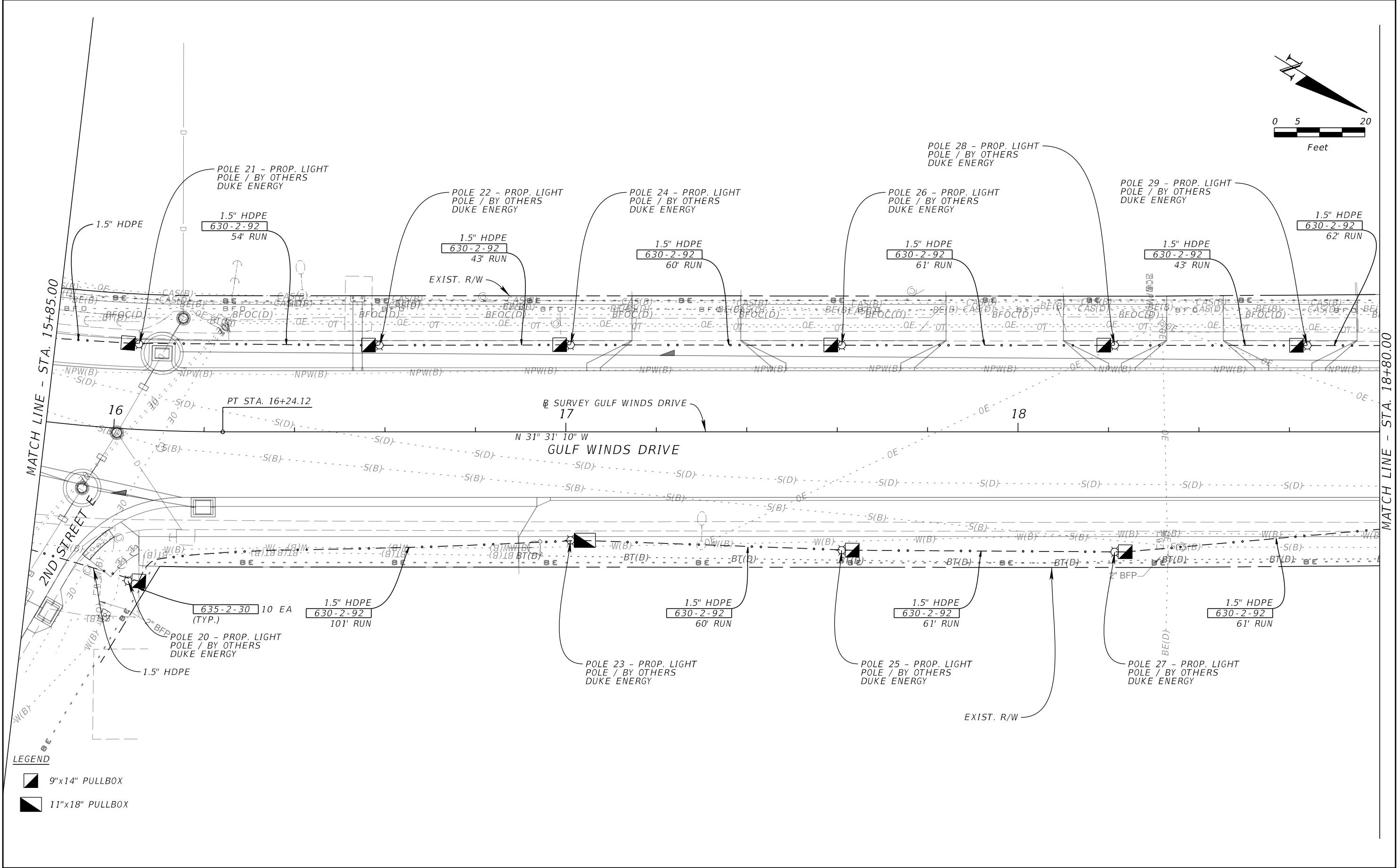


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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



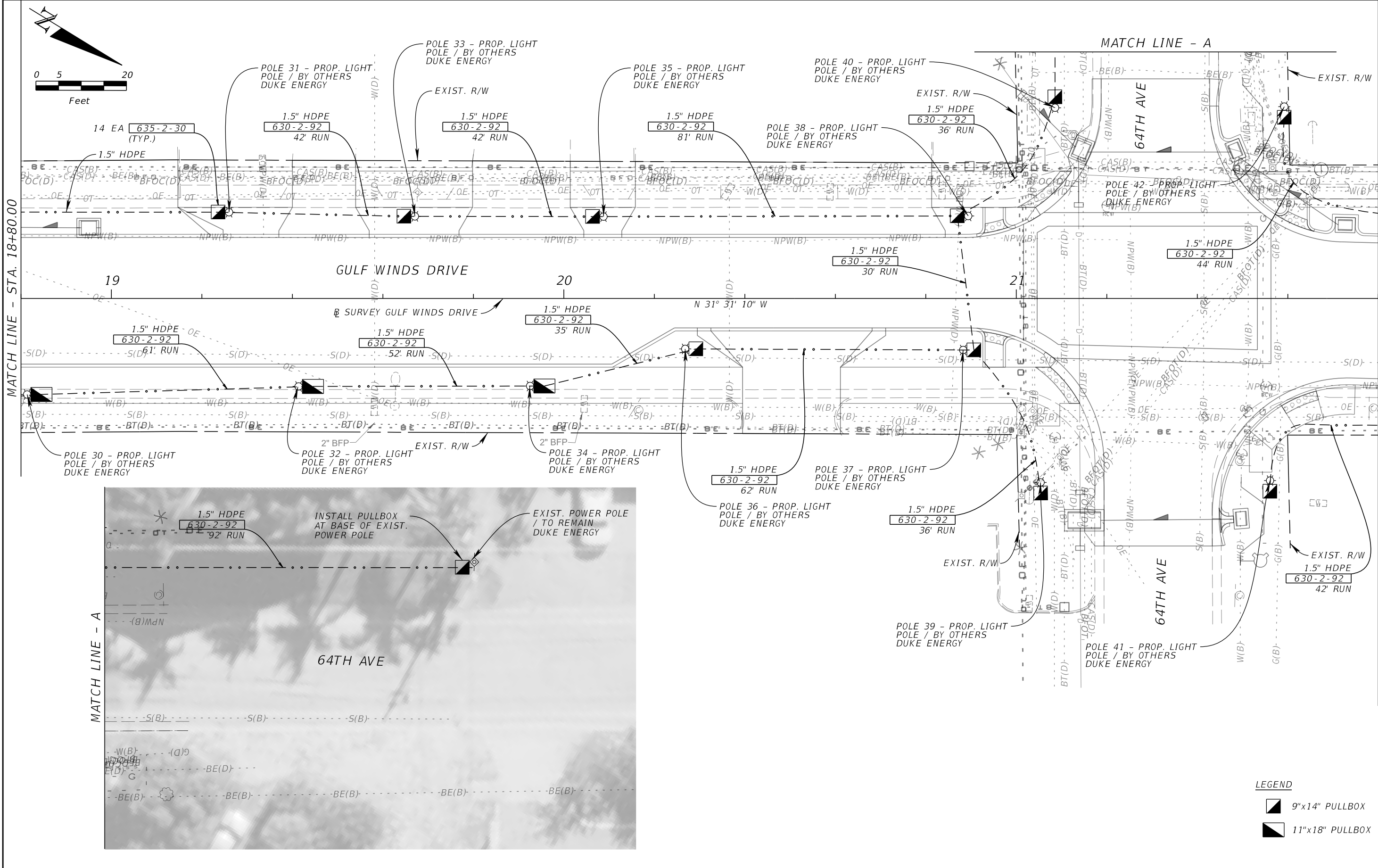
- LEGEND
- 9"x14" PULLBOX
 - 11"x18" PULLBOX

REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LIGHTING CONDUIT PLAN (2)	SHEET NO. 1-5 Page 433 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



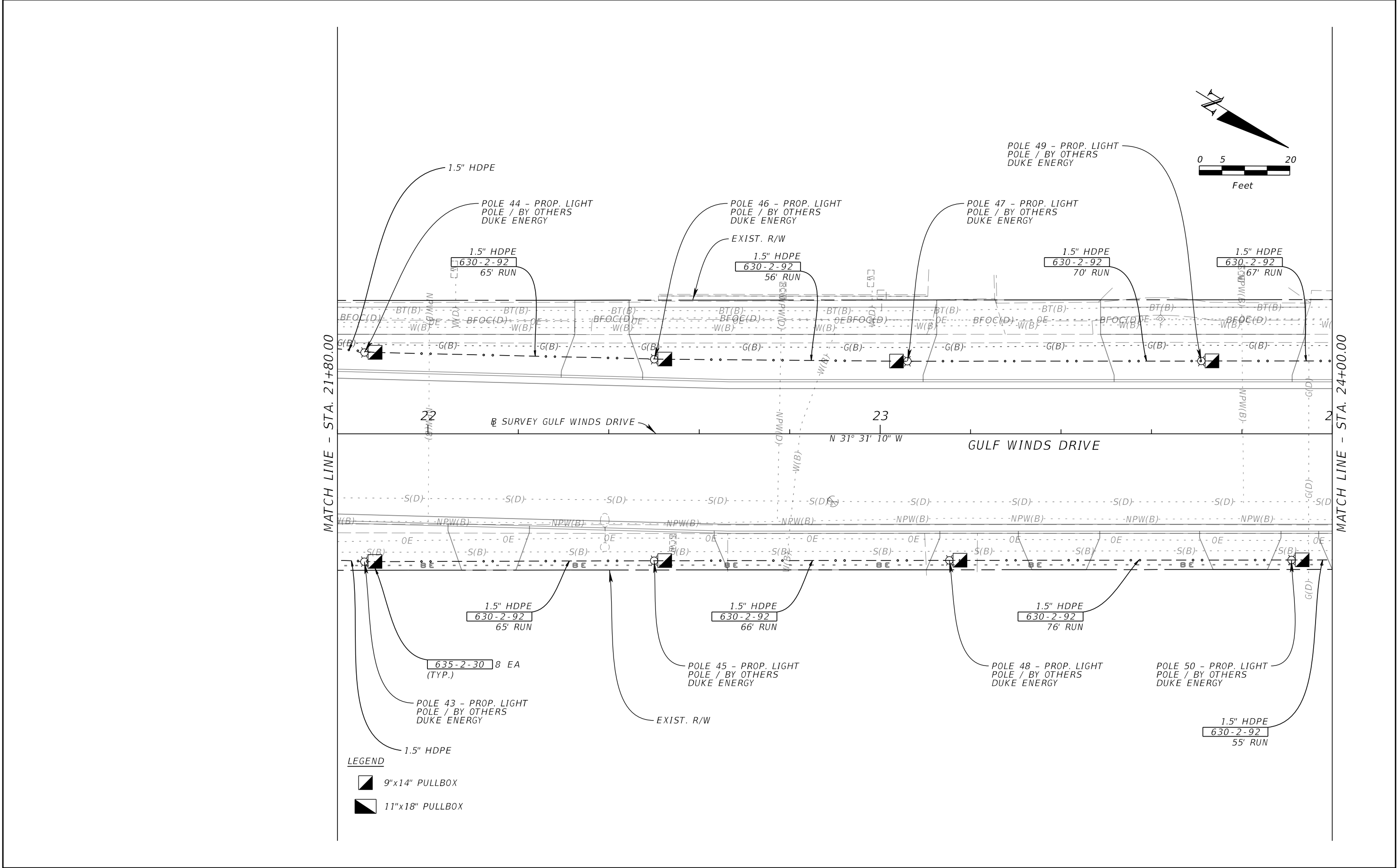
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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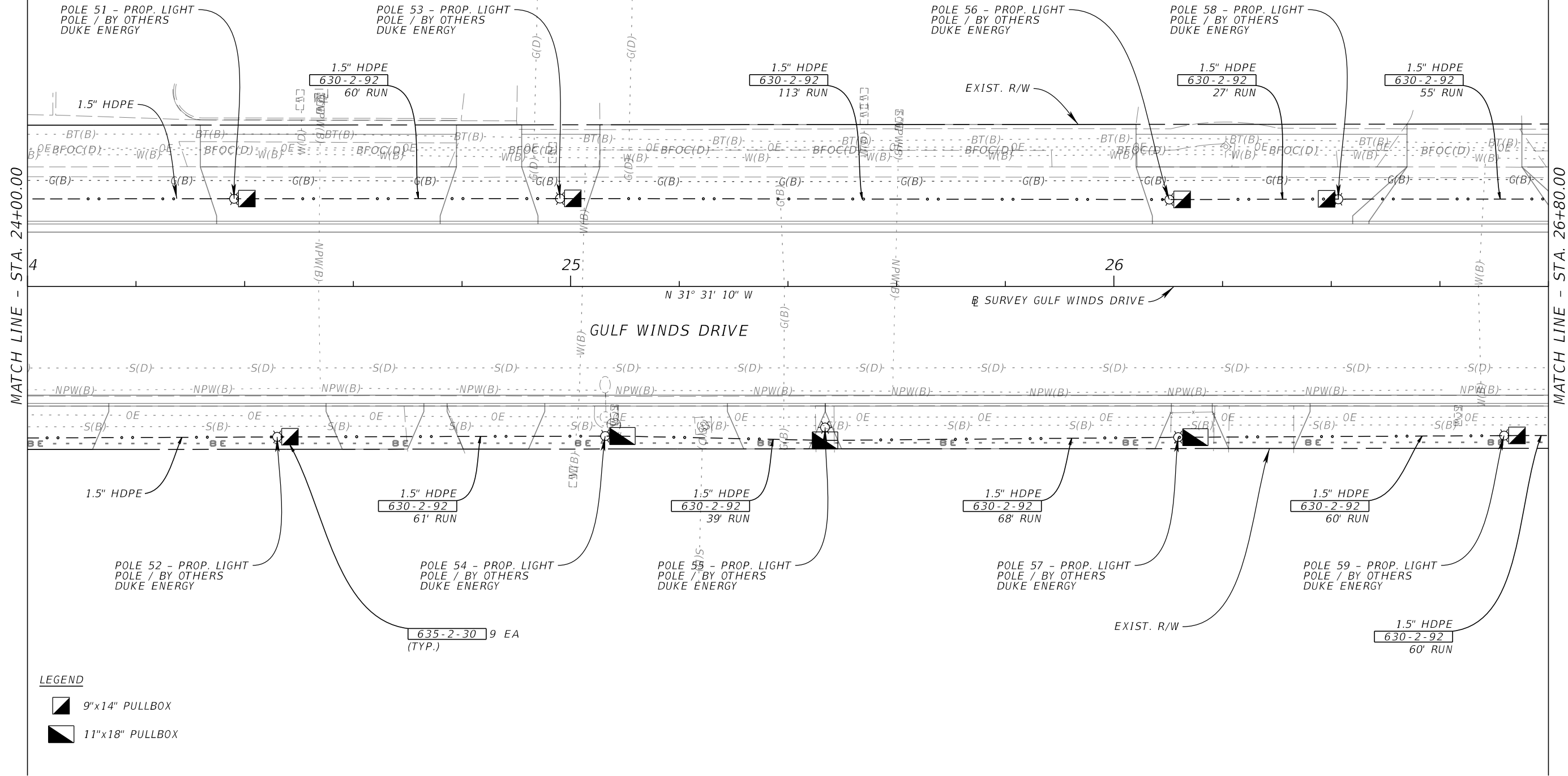
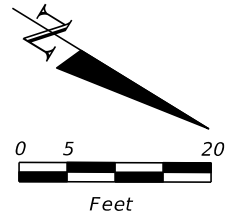


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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		

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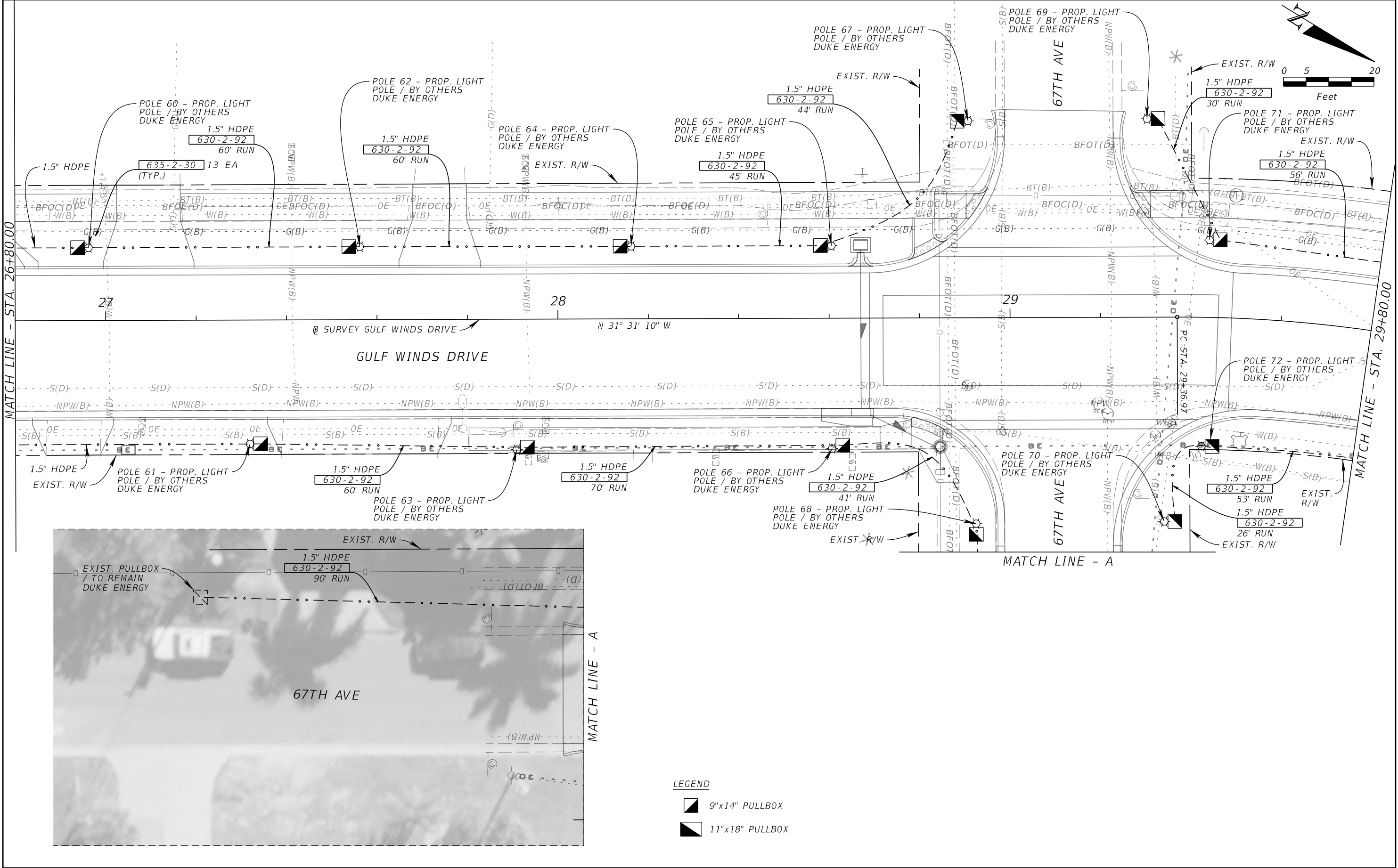
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



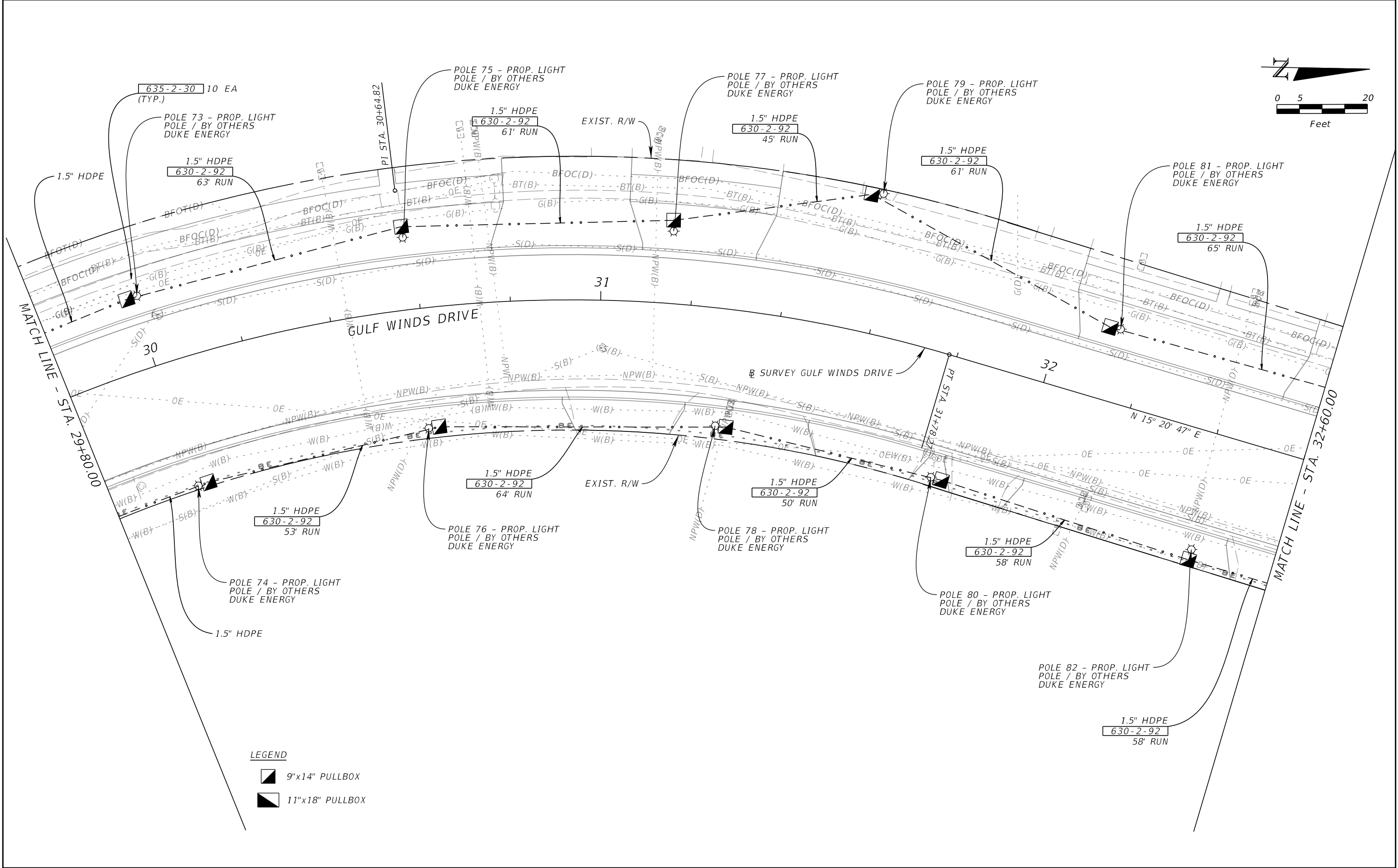
LEGEND

- 9"x14" PULLBOX
- 11"x18" PULLBOX

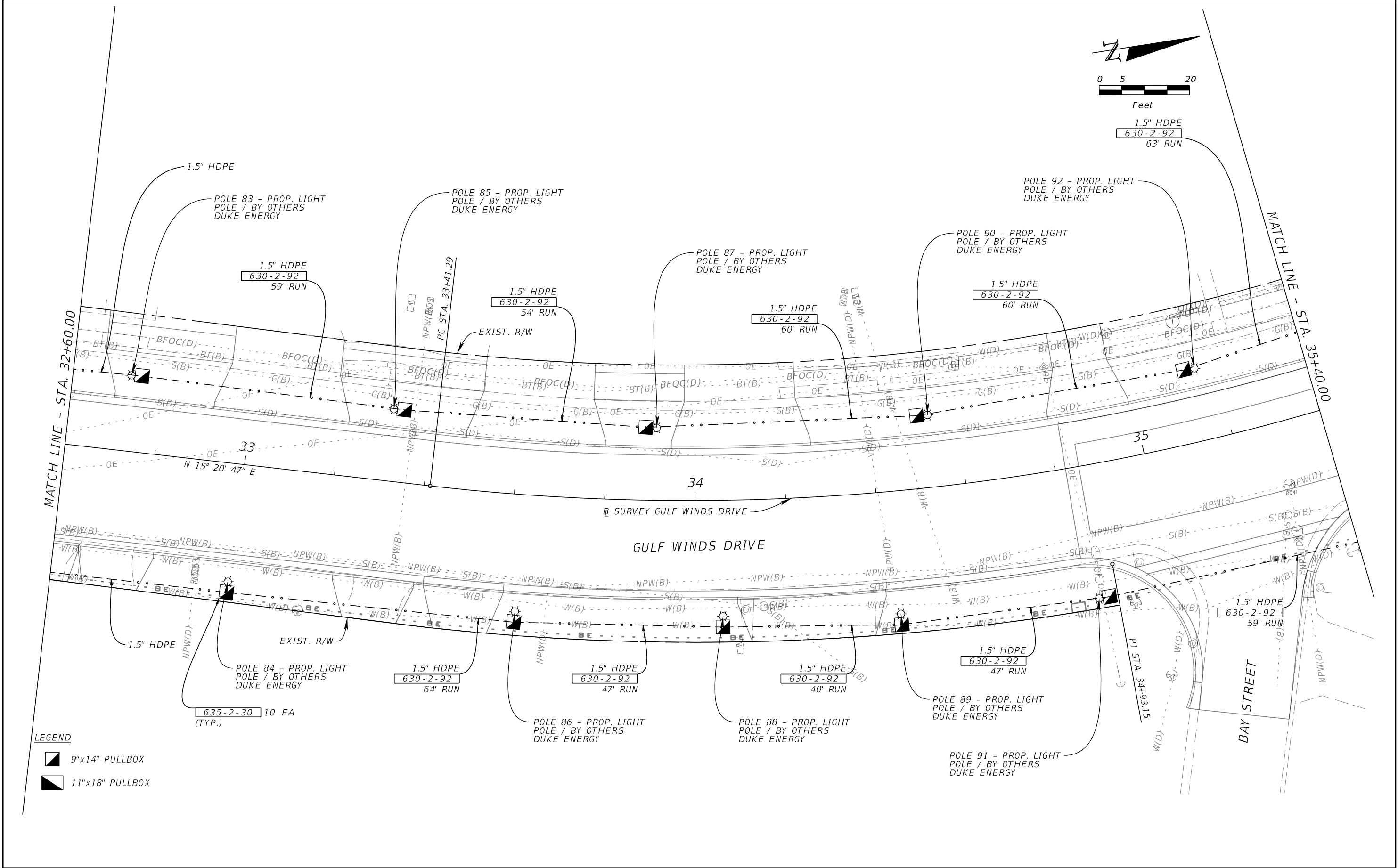
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



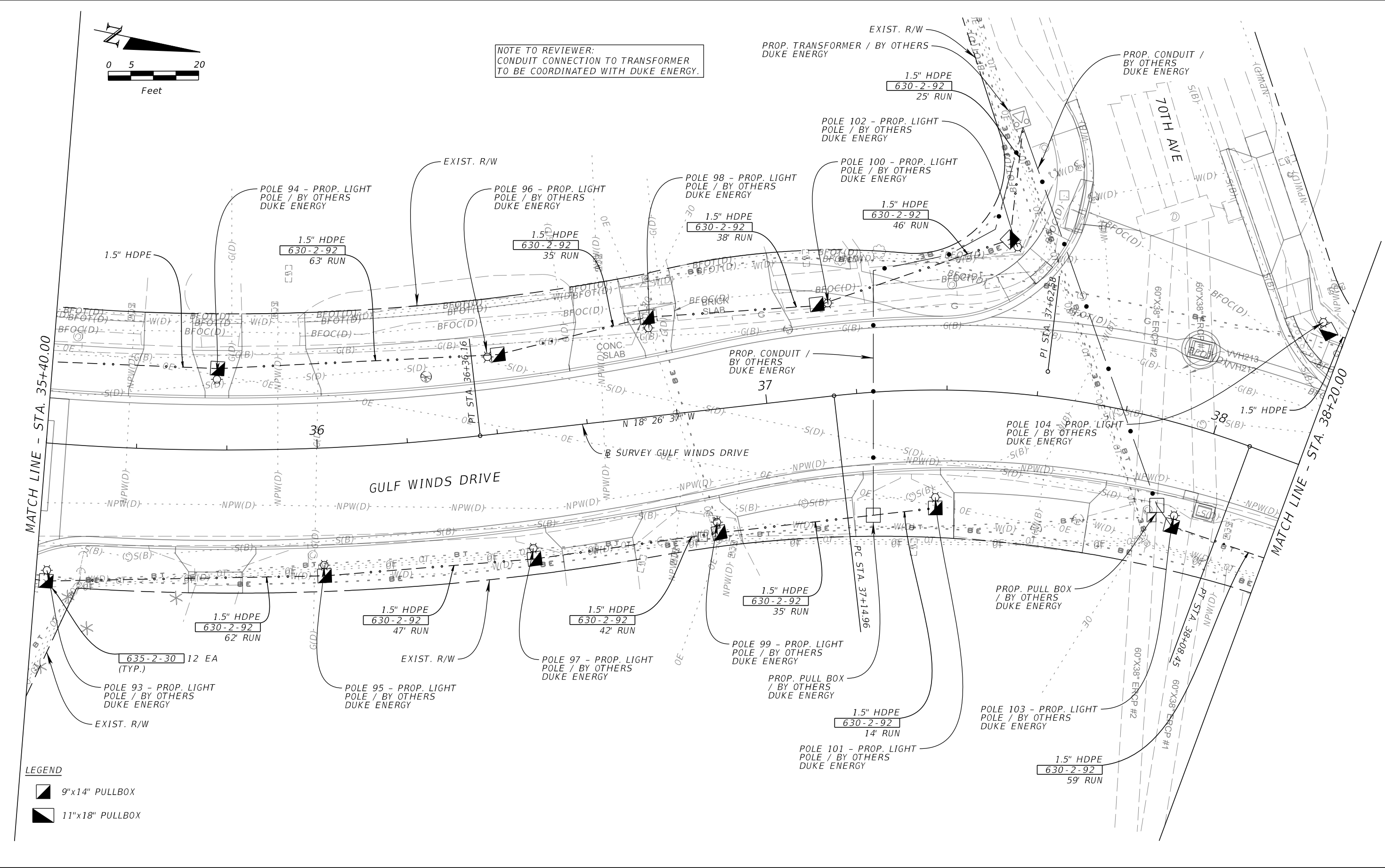
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



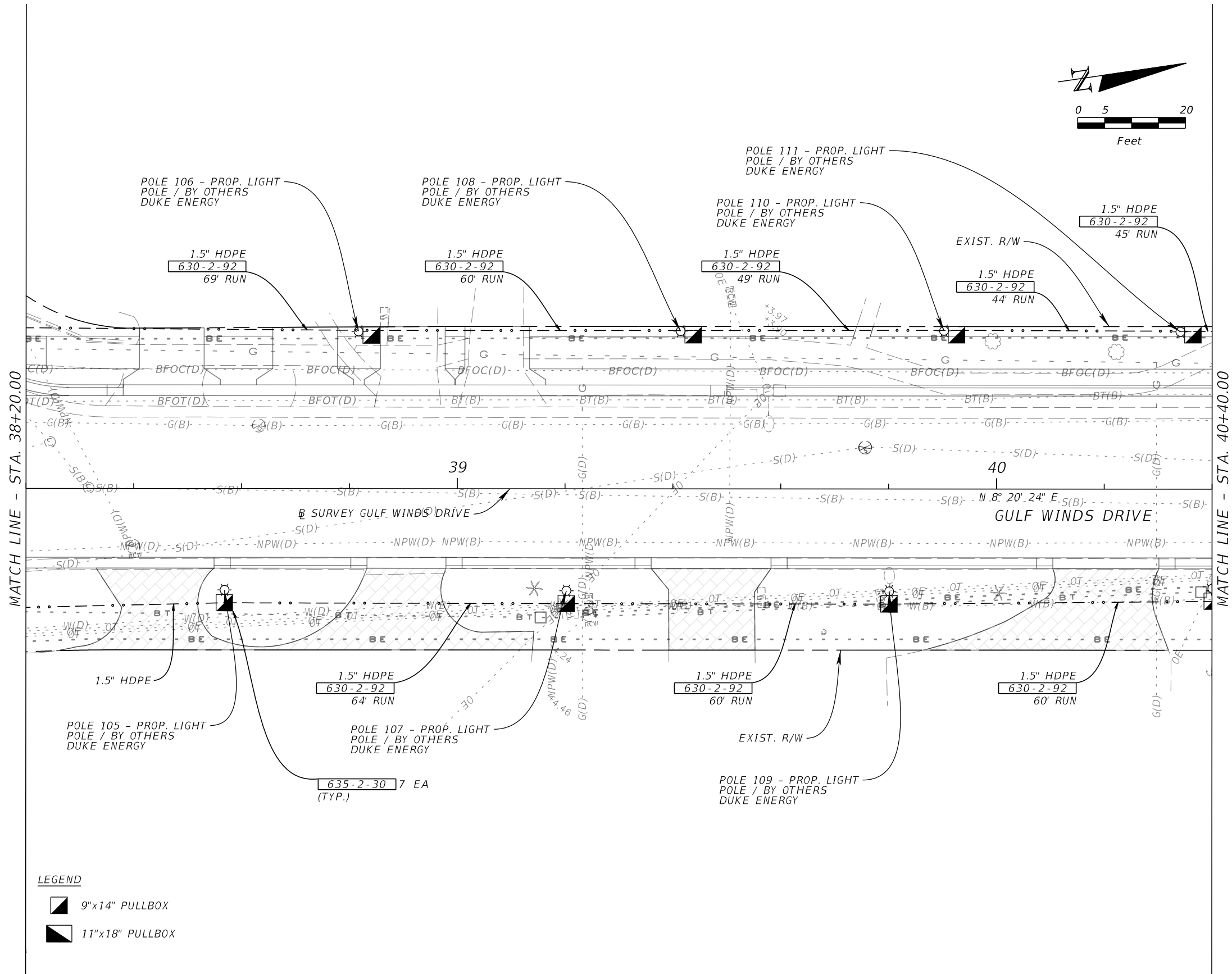
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



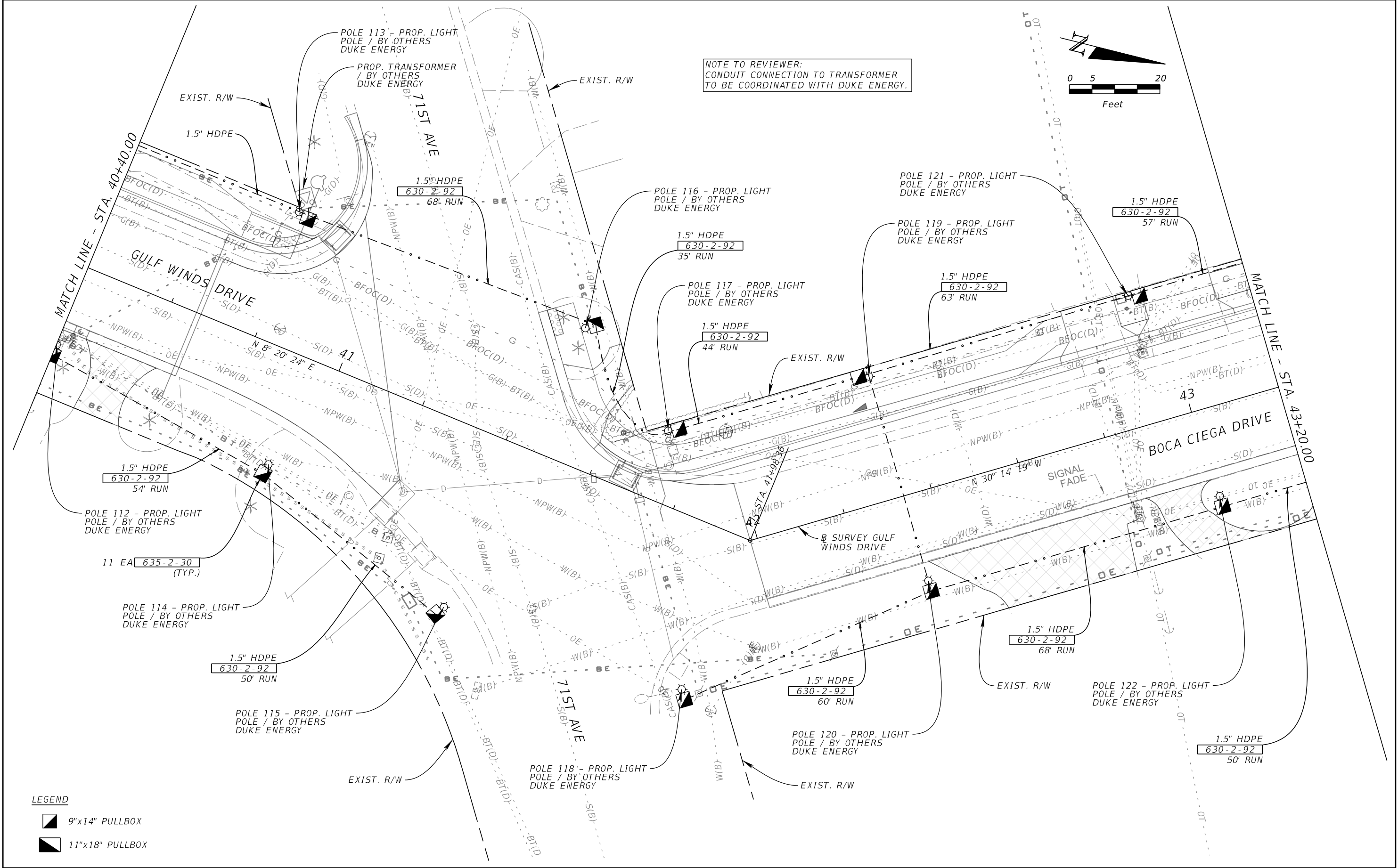
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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



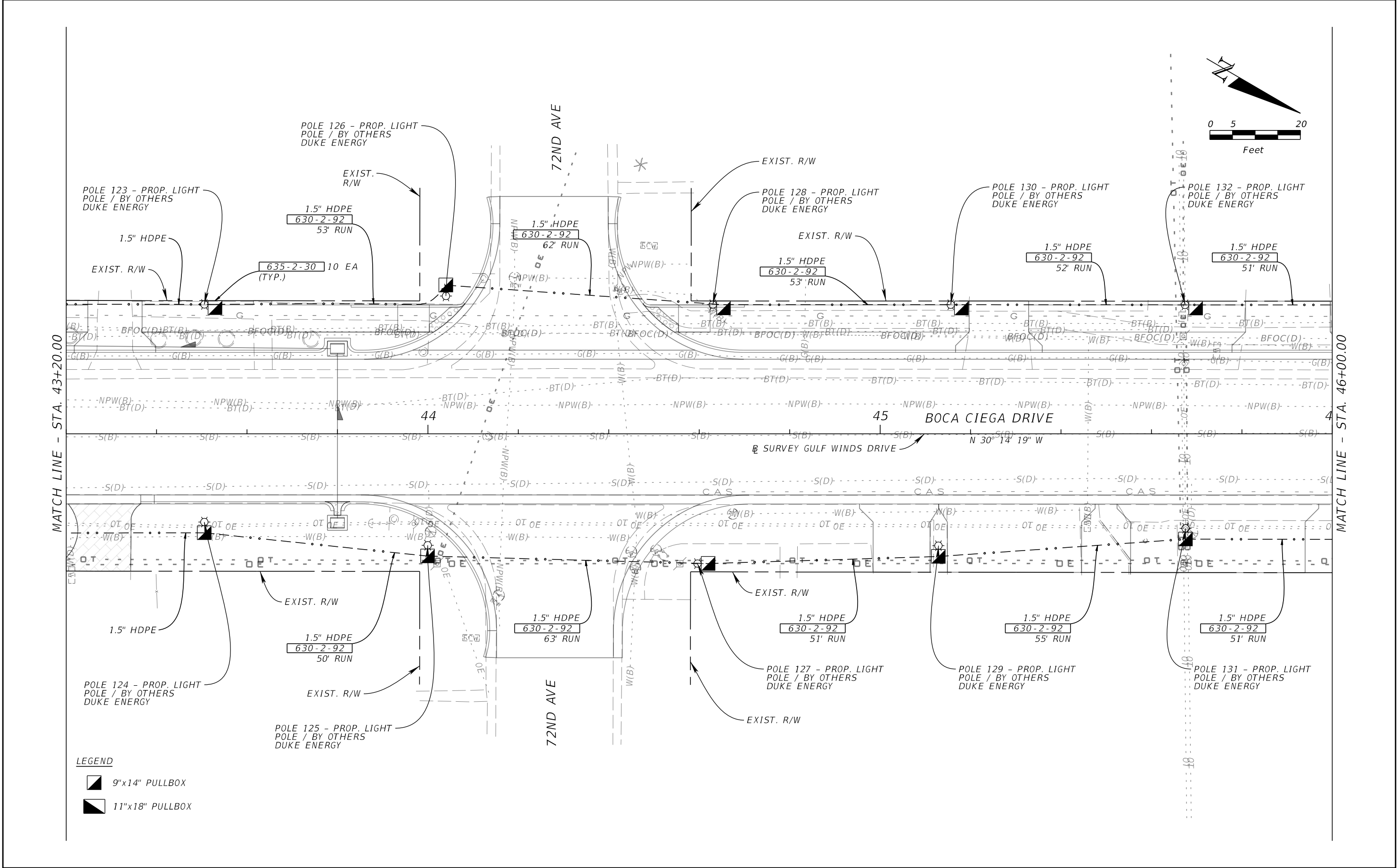
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LIGHTING CONDUIT PLAN (10)	SHEET NO. 1-13 Page 441 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



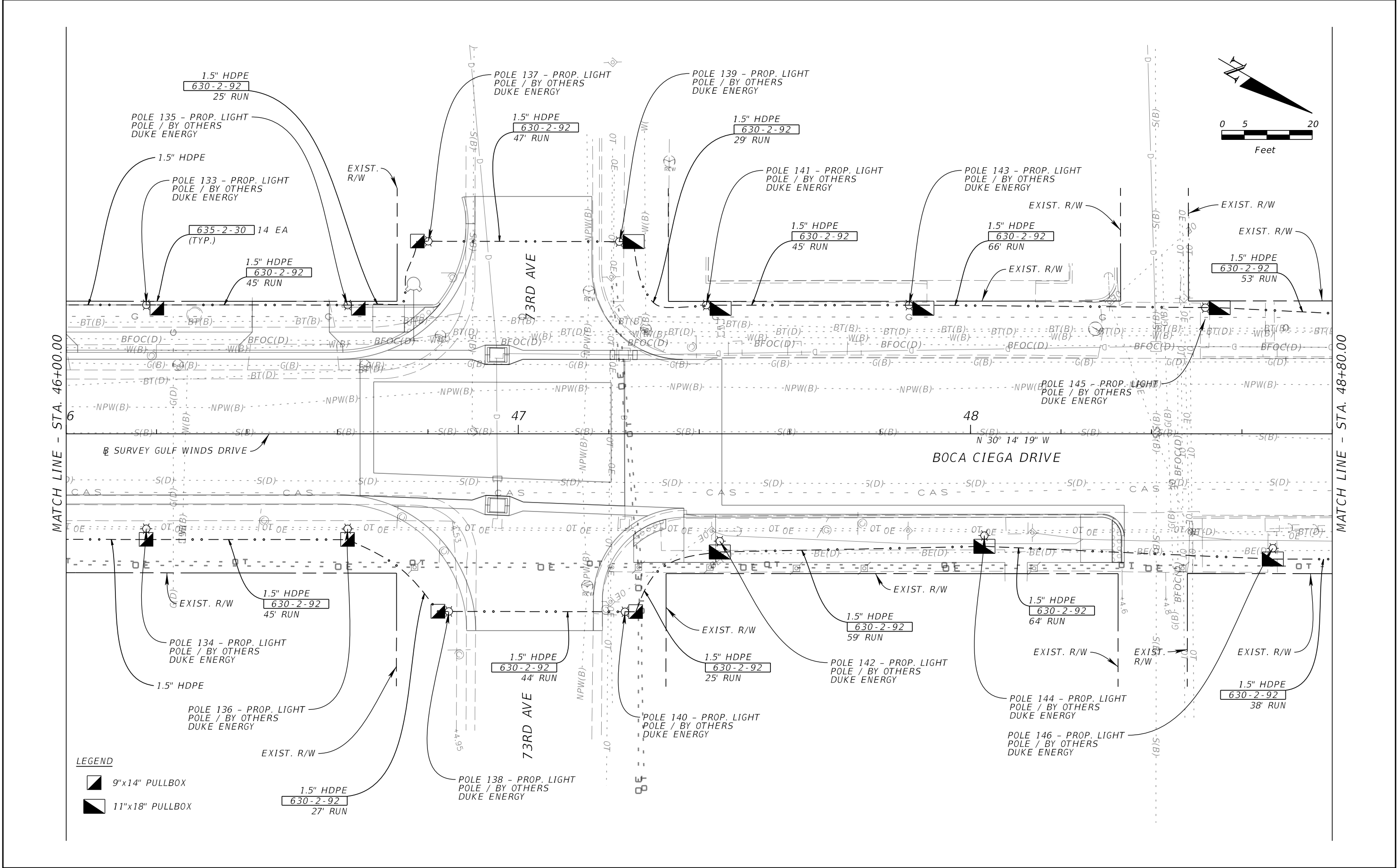
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LIGHTING CONDUIT PLAN (11)	SHEET NO. 1-14 Page 442 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



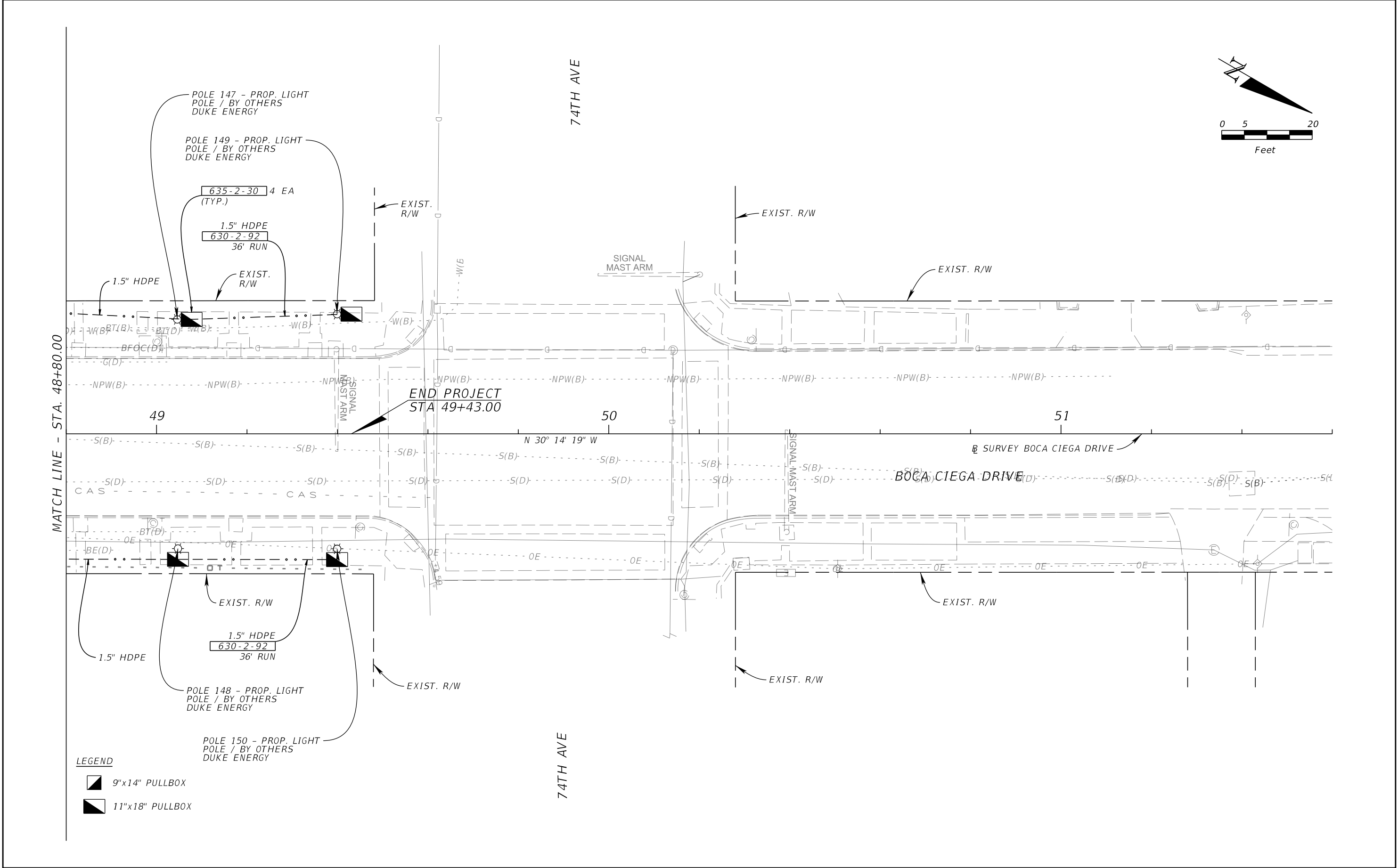
REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LIGHTING CONDUIT PLAN (12)	SHEET NO. 1-15 Page 443 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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REVISIONS				JOHN R. SEALS, P.E. P.E. LICENSE NUMBER 51505 KIMLEY-HORN AND ASSOCIATES, INC. 201 N FRANKLIN STREET, SUITE 1400 TAMPA, FL 33602	GULF WINDS DRIVE IMPROVEMENTS PROJECT		LIGHTING CONDUIT PLAN (13)	SHEET NO. 1-16 Page 444 of 448
DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		



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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
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MATERIAL REQUIREMENTS

- CONDUIT AND CONDUIT FITTINGS MUST BE PVC SCHEDULE 40 OR GREATER, RATED FOR USE WITH 90° C ELECTRICAL CABLE, UL LISTED AND GRAY IN COLOR. NO WATER, SEWER, GAS OR TELECOMMUNICATION PIPE MAY BE USED. EACH LENGTH OF CONDUIT AND EACH BEND MUST HAVE AN INTEGRAL BELL ON ONE END. THE CONDUIT MANUFACTURER'S NAME, CONDUIT SIZE, TYPE AND DATE CODE MUST BE PRINTED ON THE SURFACE OF THE CONDUIT.

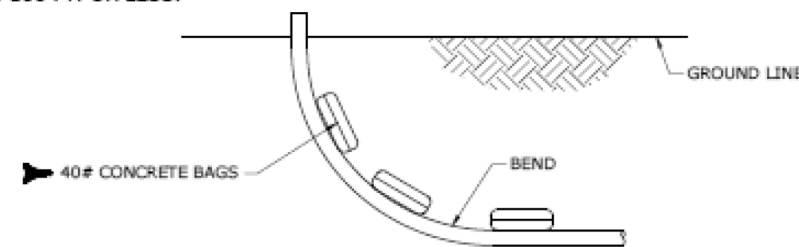
CONDUIT SIZE WILL BE AS FOLLOWS.

APPLICATION	CONDUIT SIZE
SINGLE-PHASE PRIMARY	3"
THREE-PHASE PRIMARY (1/0 AWG)	4"
THREE-PHASE PRIMARY (GREATER THAN 1/0 AWG)	6"
600V SECONDARY (TX TO PEDESTAL)	3"
600V SERVICES (RESIDENTIAL)	2-1/2"
LIGHTING CABLE	1-1/2"

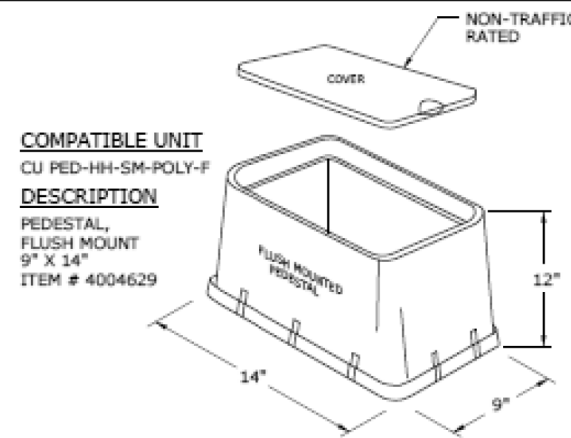
- ALL COUPLINGS MUST HAVE A CENTER STOP.
- ALL 6" BENDS MUST HAVE A 48" MINIMUM RADIUS AND ALL OTHER BENDS MUST HAVE A 36" MINIMUM RADIUS. ALL BENDS MUST HAVE AN INTEGRAL BELL ON ONE END.
- PULL STRINGS MUST BE MADE OF A MATERIAL THAT WILL NOT ROT, (I.E., NYLON).

CONDUIT AND FITTING INSTALLATION

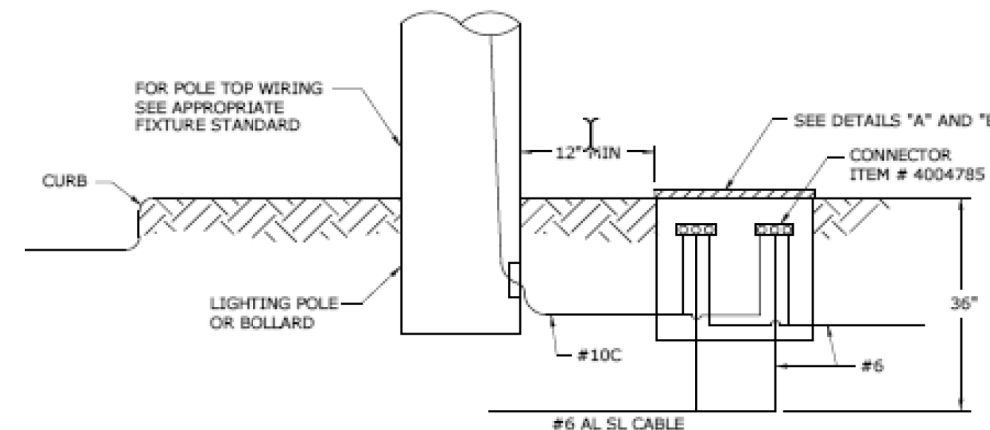
- EXAMINE ALL CONDUIT AND CONDUIT ACCESSORIES BEFORE THEY ARE INSTALLED FOR SHARP EDGES, OUT-OF-ROUND SHAPE, CRACKS, CHIPS, BURRS, AND INSIDE PROTRUSIONS THAT WOULD DAMAGE THE CABLE WHEN IT IS PULLED INTO POSITION. SUCH PIECES SHALL NOT BE INSTALLED.
- THE MATING SURFACES OF ALL SECTIONS OF CONDUIT AND ALL FITTINGS MUST BE PROPERLY CLEANED, FULLY SEATED AND CEMENTED TOGETHER. APPLY A UNIFORM COATING OF CEMENT OVER THE ENTIRE OUTER SURFACE OF THE CONDUIT END AND THE INSIDE OF THE INTEGRAL BELL OR FITTING.
- REMOVE ANY SHARP EDGES THAT ARE CREATED ON THE INSIDE OR OUTSIDE OF CONDUIT WHEN IT IS CUT.
- CONDUIT MUST LIE FLAT ON THE BOTTOM OF THE TRENCH.
- A CONTINUOUS PULL STRING, WITH NO KNOTS OR SPLICES, MUST BE PROVIDED THROUGHOUT THE LENGTH OF EACH INDIVIDUAL CONDUIT SEGMENT. FOR EXAMPLE, A SINGLE PULL STRING MUST EXTEND FROM A TRANSFORMER, PASS THROUGH ALL BENDS AND CONDUIT PIECES, AND THEN EXIT AT A PEDESTAL.
- CUSTOMER SHALL PULL A SOLID MANDREL, NO MORE THAN 1/2 INCH SMALLER THAN THE INSIDE DIAMETER OF THE CONDUIT, THROUGH ALL CONDUIT SEGMENTS TO VERIFY THEY ARE IN GOOD CONDITION AND FREE OF OBSTACLES.
- CONDUITS MUST BE CAPPED TO PREVENT DEBRIS, RAIN, ETC. FROM ENTERING THE CONDUIT. TAPE OR RAGS ARE NOT SUFFICIENT. THESE CAPS MUST **NOT** BE CEMENTED ONTO THE CONDUIT OR FITTING.
- PLACE TWO, FORTY (40) POUND BAGS OF CONCRETE AGAINST EACH 90° BEND CONTAINING SECONDARY/ SERVICE CABLE AND THREE, FORTY (40) POUND BAGS AGAINST BENDS CONTAINING PRIMARY CABLE TO PREVENT MOVEMENT DURING CABLE PULLING. DO NOT OPEN THE BAGS, JUST PLACE THEM AGAINST THE BEND.
- IT IS NOT NECESSARY TO DOUBLE THE REQUIRED NUMBER OF CONCRETE BAGS WHEN TWO BENDS ARE INSTALLED SIDE-BY-SIDE. USE THE NUMBER OF BAGS REQUIRED FOR A SINGLE BEND AND POSITION THE BAGS SO THEY WILL COVER BOTH BENDS.
- BAGS OF CONCRETE ARE NOT REQUIRED ON 90 DEGREE BENDS WHERE THE TOTAL LENGTH OF THE CONDUIT SECTION IS 100 FT. OR LESS.



SECURING BENDS WITH BAGS OF CONCRETE



DETAIL "A"
FLUSH MOUNTED
PEDESTAL



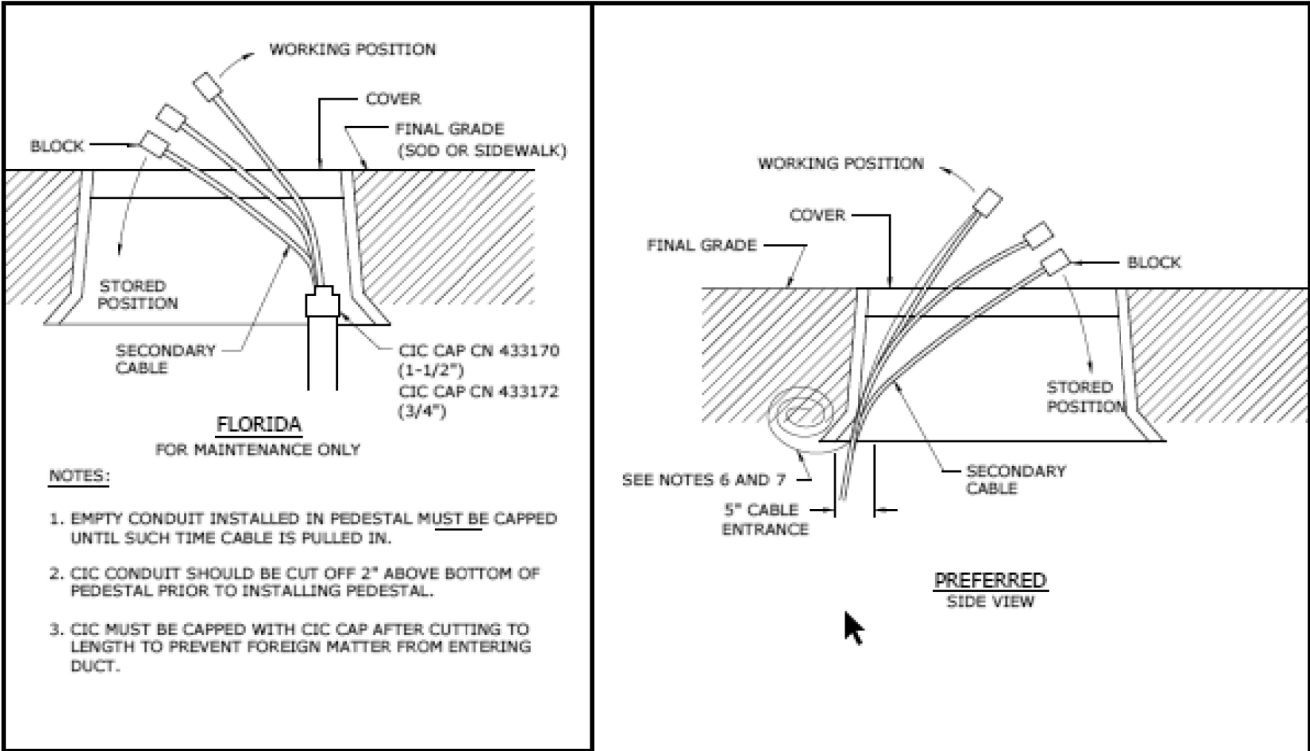
NOTES:

- SOIL ON WHICH THE PEDESTAL WILL REST SHOULD BE COMPACTED TO THAT OF UNDISTRIBUTED EARTH. WHEN COVER IS INSTALLED, THE PEDESTAL SHOULD BE FLUSH WITH FINAL GRADE.
- TRAIN THE CABLE TO POSITION SHOWN ON DWG. 25.04-05. ALL CABLES SHOULD ENTER THE PEDESTAL AT AT ONE END. VERIFY THAT THE CABLE MAY BE BENT OVER TO A POSITION BENEATH THE PEDESTAL COVER, BUT STILL ABLE TO RETURN TO AN UPRIGHT POSITION.
- PLACE PEDESTAL MINIMUM OF 12" BEHIND POLE OR BOLLARD.
- ALL CONNECTIONS IN FLUSH MOUNTED PEDESTALS MUST BE WATERPROOF (ITEM # 4004785).
- FOR STREET LIGHT USE ONLY.
- SEE DWG. 25.04-05 FOR MAXIMUM CABLE SIZE AND PROPER CABLE INSTALLATION.
- ELECTRONIC MARKER IN LID.
- SEE DWG. 25.04-05 FOR LIGHT TRAFFIC RATED PEDESTAL (ITEM # 4005455).

MAINTENANCE NOTES:

- EMPTY CONDUIT INSTALLED IN PEDESTAL **MUST** BE CAPPED UNTIL SUCH TIME CABLE IS PULLED IN.





NOTES:

- 1. EMPTY CONDUIT INSTALLED IN PEDESTAL MUST BE CAPPED UNTIL SUCH TIME CABLE IS PULLED IN.
- 2. CIC CONDUIT SHOULD BE CUT OFF 2" ABOVE BOTTOM OF PEDESTAL PRIOR TO INSTALLING PEDESTAL.
- 3. CIC MUST BE CAPPED WITH CIC CAP AFTER CUTTING TO LENGTH TO PREVENT FOREIGN MATTER FROM ENTERING DUCT.

FLUSH MOUNT HANDHOLE WITH ELECTRONIC MARKER			
DESCRIPTION	COMPATIBLE UNIT	CATALOG NUMBER	MAXIMUM MULTIPLEX CABLES
9" X 14" X 12"	PEDFM9X14PF	320173	2 #4/0 & 1 #6
			4 #2
11" X 15" X 18"	PEDFM11X15X18PF	381612	SIDEWALKS, PAVED PEDESTRIAN AREAS (INCIDENTAL LIGHT TRAFFIC)

NOTES:

- 1. SOIL BENEATH PEDESTAL BASE SHALL BE COMPACTED TO THE FIRMNESS OF UNDISTURBED EARTH AND SHALL BE FREE OF ROOTS AND OTHER ORGANIC MATERIAL.
- 2. **IMPORTANT:** IN ORDER TO MINIMIZE SIDEWALL DEFORMATION, INSTALL COVER BEFORE BACKFILLING AND TAMPING.
- 3. SECONDARY AND SERVICES SHALL ENTER WITHIN 5" OF END OF BASE.
- 4. TRAIN CABLE TO POSITION SHOWN. ALL CABLES SHALL ENTER THE PEDESTAL AT ONE END. VERIFY THAT THE CABLE MAY BE BENT OVER TO A POSITION BENEATH THE PEDESTAL COVER, BUT STILL TO AN UPRIGHT POSITION.
- 5. DO NOT FILL INSIDE WITH BACKFILL.
- 6. FOR CABLE LOCATING PURPOSES ATTACH A 3' PIECE OF #6 (SD) COPPER TO THE NEUTRAL CONNECTOR AND EXTEND OUTSIDE THE BOTTOM OF THE HANDHOLE EXITING THE END WHERE COVER BOLTING MECHANISM IS LOCATED. COIL EXCESS #6 BELOW GRADE.
- 7. REMOVE #6 BC WHEN THE FIRST SERVICE IS ESTABLISHED AT PEDESTAL.
- 8. ALL CONNECTORS IN FLUSH MOUNT OR BELOW GRADE APPLICATIONS MUST BE WATERPROOF TYPE.
- 9. ELECTRONIC MARKER IN LID.

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DATE	DESCRIPTION	DATE	DESCRIPTION		CITY OF	COUNTY		
					ST. PETE BEACH	PINELLAS		
								1-20

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